The Power of SUNY

Far more than the sum of its parts.

64 campuses
467,000 students
88,000 faculty and staff
3 million alumni

These figures represent SUNY “by the numbers”—and the numbers are truly impressive. But these statistics can’t begin to capture the impact and capacity of SUNY’s vast system. To fully embrace systemness requires an appreciation of more than the usual measures. We need to enlarge our focus to include the infinite web of connections that can form among individuals, institutions, and communities. If those connections can be cultivated and leveraged, the possibilities for growth, innovation, and excellence are virtually limitless. That’s The Power of SUNY.
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THE MISSION OF
THE STATE UNIVERSITY OF NEW YORK

(New York State Education Law, Article 8, Section 351)

“The mission of the state university system shall be to provide to the people of New York educational services of the highest quality, with the broadest possible access, fully representative of all segments of the population in a complete range of academic, professional and vocational postsecondary programs including such additional activities in pursuit of the objectives as are necessary or customary. These services and activities shall be offered through a geographically distributed comprehensive system of diverse campuses which shall have differentiated and designated missions designed to provide a comprehensive program of higher education, to meet the needs of both traditional and non-traditional students and to address local, regional and state need and goals. In fulfilling this mission, the state university shall exercise care to develop and maintain a balance of its human and physical resources that:

a. recognizes the fundamental role of its responsibilities in undergraduate education and provides a full range of graduate and professional education that reflects the opportunity for individual choice and the needs of society;

b. establishes tuition which most effectively promotes the university’s access goals;

c. encourages and facilitates basic and applied research for the purpose of the creation and dissemination of knowledge vital for continued human, scientific, technological and economic advancement;

d. strengthens its educational and research programs in the health sciences through the provision of high quality general comprehensive and specialty health care, broadly accessible at reasonable cost, in its hospitals, clinics and related programs and through networks and joint and cooperative relationships with other health care providers and institutions, including those on a regional basis;

e. shares the expertise of the state university with the business, agricultural, governmental, labor and nonprofit sectors of the state through a program of public service for the purpose of enhancing the well-being of the people of the state of New York and in protecting our environmental and marine resources;

e-1. encourage, support and participate through facility planning and projects, personnel policies and programs with local governments, school districts, businesses and civic sectors of host communities regarding the health of local economies and quality of life;

f. promotes appropriate program articulation between its state-operated institutions and its community colleges as well as encourages regional networks and cooperative relationships with other educational and cultural institutions for the purpose of better fulfilling its mission of education, research and service.”
TO LEARN, TO SEARCH, TO SERVE

Our vision remains grounded in the three imperatives on the SUNY seal.

The words on our seal evoke our Core Mission: the centrality of education, the spirit of inquiry, and the full participation in civic life that we expect from our students, our faculty, and the entire SUNY universe.

LEARN
We are first and foremost a community of teachers and learners. Courses, disciplines, and degrees may evolve, but our dedication to the exchange of knowledge from generation to generation is a constant.

SEARCH
We find and create meaning in our universe. The driving spirit behind research and discovery is the conviction that frontiers demand exploration, that conventional wisdom needs to be questioned, and that each discovery takes us to a new horizon of understanding.

SERVE
We are concerned and involved citizens. We have a stake in our community. We direct our skills, our knowledge, and our best intentions toward making a profound and lasting difference where we live—close to home and around the world.
OUR CORE VALUES

STUDENT-CENTEREDNESS

The student is at the heart of all we do. The learning and growth of our students comes first and crystallizes our purpose as a system. We tear down the barriers that discourage people from pursuing their higher education goals. We use innovative teaching tools and formats to make the most of individual learning styles. We continually look for new ways to provide academic, personal, and financial support. Our geographic reach, our ability to attract the best minds in teaching and research, the quality of our facilities and resources, and the breadth of our programs—all of these exist to benefit our students.

COMMUNITY ENGAGEMENT

In our communities, learning goes both ways. In every community or neighborhood where we have a campus, SUNY is both teacher and student. The needs and perspectives of our communities inform what we do and how we do it. Our communities are the very best proving grounds, constantly pushing us to be more meaningful and relevant to the lives of those around us.

DIVERSITY

Diversity makes us stronger and smarter. We respect, encourage, and promote all aspects of human difference—whether in terms of background, interests, age, race, or stage of life. Diversity enriches our lives and the educational experience: it invigorates conversations, awakens curiosity, and widens perspectives. Diversity also ensures that our campuses mirror the rapidly changing world, creating an environment that prepares our students to be culturally competent so they can succeed anywhere. Our diversity is SUNY’s edge.

INTEGRITY

Integrity and collegiality are the bedrock of our enterprise. Trust and a shared sense of responsibility are essential to an enterprise of our size. Open, honest relationships allow us to cut to the chase and speak the truth. When we demand of each other the highest standards of integrity and accountability, we create a collegial community that can confidently explore new frontiers, vigorously debate ideas, and learn from mistakes.

COLLABORATION

Collaboration makes our expertise more powerful. Partnerships and alliances, both within and outside the SUNY system, have a multiplier effect. When our campuses join forces with each other and with organizations outside of SUNY, we amplify our expertise, resources, and geographic reach in new and often unexpected ways. When we acknowledge common goals and approach problems in a spirit of reciprocity and flexibility, we achieve far more than when we labor alone.
LETTER FROM THE CHAIRMAN

On behalf of the Board of Trustees of the State University of New York, I am pleased to submit SUNY’s Master Plan to Governor Cuomo and to the New York State Board of Regents, in fulfillment of Section 354 of the Education Law.

It has been my great privilege to serve the State University as a member of the Board of Trustees since 2007, and, since October 2011, as Chairman. Our diverse and talented trustees serve with distinction, committed to the highest standards of governance and to ensuring SUNY’s accessibility and academic excellence.

During my tenure, SUNY has undergone significant changes and faced substantial challenges in the form of large budget cuts and leadership transitions. That is why the Trustees worked hard to recruit a chancellor with the experience and vision to fully realize the potential of the nation’s largest system of public higher education. We found those qualities in Nancy Zimpher, who, since taking the reins as chancellor in June 2009, has ushered in a bold new era for SUNY.

Chancellor Zimpher has demonstrated extraordinary focus on both the big picture and the details of SUNY’s transformation. As a result, her leadership, supported by System and campus leaders and a powerful array of partners across government, academia, business, and community-based organizations, has brought the State University to a very exciting chapter in its history. SUNY is now poised to maximize the impact of its substantial assets to our students, to the people of the state of New York, and, indeed, to the world. There is no question—SUNY’s commitment to planning is pivotal to our success.

This harnessing of SUNY’s potential for the betterment of the state is the central thesis of our strategic plan, The Power of SUNY. And the initiatives that flow from this plan are targeted to increasing SUNY’s capacity to provide excellent higher education that is accessible and affordable, while putting its economic engine to work for New York.

In all of our work, SUNY is committed to public accountability. We have remained steadfastly transparent, reporting out on our process, our plan, and our progress in meeting our goals. This Master Plan reflects our ongoing dedication to working openly and in close collaboration with our colleagues in education and government to pursue our shared vision of educational opportunities and economic revitalization for all New Yorkers.

I look forward to our continued partnership in service to this critical aspiration.

H. Carl McCall
Chairman
LETTER FROM THE CHANCELLOR

I arrived at the State University of New York in June 2009 in great anticipation of both the opportunities and challenges of leading the nation’s largest comprehensive system of public higher education. With its 64 distinctive campuses and 467,000 students, I could not imagine a more impactful venue to harness higher education’s deep capacity for transforming the lives of individuals, families and entire communities.

Unfortunately, years of decentralization and diminished state support had compromised SUNY’s ability to reach that potential. That is why, charged by the Board of Trustees to develop a systemwide strategic plan, we set out to create a blueprint for SUNY’s future—to maximize its ability to meet its mission and thrive in uncertain times. What we discovered, through a highly collaborative, consultative, and transparent process, was that SUNY’s unique profile can make it a powerful engine for economic opportunity and an enhanced quality of life for all New Yorkers.

The plan that emerged in April 2010—The Power of SUNY—began on the ground with a 64-campus tour, then rose to 30,000 feet to create a vision for SUNY’s future, and is now firmly down to earth as we make disciplined, purposeful movements to realize our ambitious goals. Informed by a continuous improvement process, we constantly assess and refine our work, often with small but meaningful changes, to ensure we are working in the most cost-effective, productive, and student-centered manner possible. Dedicated to an evidence-based approach, we chart our progress regularly with a diverse set of more than 90 metrics. And inspired by an unfolding concept of systemness, we are always in the process of discovering new ways to leverage our distinctive, diverse, and distributed whole—which is so much more than the sum of its parts—to create a better SUNY and a better New York.

The Power of SUNY: Delivering on Our Promise, 2012 and Beyond was created in this spirit of continuous improvement, along with our collective commitment to accountability. This Master Plan provides the story of how we arrived at this vision, the mechanics of implementation, and a substantive update on the initiatives and best practices that are bringing The Power of SUNY to life.

Our work has also been bolstered by the strong support of Governor Andrew Cuomo. The Governor’s embrace of higher education as a driver for New York’s economy raises the bar for SUNY to fully partner with the state—and deliver the graduates who will be the competitive workforce of the future.

Our bold experiment in systemness, made possible with the collaboration of outstanding colleagues across SUNY—as well as partners at every stop on the education pipeline, and in government, business, and community-based organizations—has been a truly remarkable journey. It is my ongoing privilege to participate in a transformative process that, I am confident, will lead this “great big” university system to the greatness that is well within its reach.

Nancy L. Zimpher
Chancellor
Under New York’s Education Law, section 237 as amended by chapter 82 of the Laws of 1995, every eight years the Board of Regents develops a Statewide Plan for Higher Education. This statewide plan is informed by master plans from each sector of higher education—public, independent, and proprietary. While the independent and proprietary sectors share eight-year planning cycles, SUNY and CUNY are required to submit master plans every four years. Thus, Education Law requires the State University of New York Board of Trustees every four years to adopt or update a long-range plan and submit it to the Board of Regents and the Governor for approval (Education Law, Section 354, Power and duties of the state university trustees—planning functions).

The Power of SUNY: Delivering on Our Promise 2012 and Beyond is an update on The Power of SUNY, the State University of New York’s strategic plan, launched in 2010. It is submitted in fulfillment of SUNY’s requirement under Education Law, and to support the Board of Regents’ statewide planning efforts.

The Power of SUNY represents the State University’s overarching blueprint for academic planning as well as every aspect of operational, facilities, and financial management. This Master Plan begins with an overview of the planning process that produced The Power of SUNY, followed by a detailed description of the implementation process and the progress made to date on delivering on the benchmarks and goals laid out in the plan.

Importantly, this report also documents the continuous improvement process that guides ongoing initiatives, and a steadfast commitment to reporting to the public how SUNY is doing on delivering on its ambitious goal: maximizing SUNY’s ability to catalyze economic revitalization for the state of New York, and a better quality of life for all of its citizens.

In addition to the plans and activities described in the body of this report, there are supporting documents and other materials in the appendices that provide more detail about SUNY’s work in a wide range of areas. The direction of the State University as established in The Power of SUNY, and endorsed by the Board of Trustees, is also reinforced by the New York State Board of Regents’ priorities, as captured in the statewide topics of concern laid out in its Bulletin of the Statewide Plan for Higher Education 2012-2020:

1. Strengthen connections between the higher education and P-12 education functions of The University of the State of New York.

2. Strengthen connections of higher education with other functions of The University of the State of New York.

3. Strengthen connections between higher education and other parts of the State’s social and economic structure.

4. Improve access, quality, and performance of higher education.

5. Address out-of-state institutions’ interest in serving New Yorkers.

The State University’s efforts and plans address and align with the Regents’ statewide priorities, as this report documents.

The Power of SUNY: Delivering on Our Promise 2012 and Beyond provides to the Regents, the Governor, the State Legislature, and the public at large a detailed account of SUNY’s vision for meeting its mission to its students and the citizens of New York. We believe it also tells the story of a state university that has engaged in a groundbreaking approach to systemwide planning. This and future chapters of our story will help to build the new model of systemlessness designed to bring SUNY’s breadth, depth, diversity, and academic excellence to scale.
ACADEMIC EXCELLENCE: Building on SUNY’s Record of Achievement

In fulfillment of SUNY’s mission to provide “educational services of the highest quality,” academic excellence has always been the driving force behind our plans and actions. As a result, SUNY campuses have long been recognized for academic excellence in all its dimensions, earning high rankings in categories ranging from most selective to best value to most military friendly.

SUNY’s Master Plans of 2000 and 2004, which reflected the strategic plans in place at the time (Mission Review I and II), focused on academic excellence at the campus level, based on each campus’s mission, strengths, and identity. Those plans led to documented progress in areas key to academic excellence, such as student preparation, student success, instructional and student services, assessment and improvement of student learning, and sponsored research.

The campus mission orientation was an important stage in SUNY’s strategic planning evolution, because it allowed for a deep dive into the role and niche of each campus, focusing on ensuring the highest level of academic quality while enhancing differentiation and regional and national reputations.

By recognizing and cataloging campus missions, these planning efforts set the table for the next generation of strategic planning—one that would continue to identify individual strengths while exploring the ways in which SUNY’s comprehensive system adds up to an unparalleled engine of educational and economic opportunities.

This perspective called for a process of inquiry asking how coordination and collaboration among campuses, scaffolded by strong System leadership, could move SUNY’s statewide enterprise to a new echelon of academic excellence and service. That process led to the current strategic plan, The Power of SUNY.

So what does System-level academic excellence look like? The answer writ large is that every aspect of SUNY’s strategic plan is designed to promote academic excellence. But the case can be made through several illustrative examples that demonstrate the benefits of a coordinated system at work:

First, the convening of the Academic Excellence Transformation Team provided an important vessel for initiatives to ensure that the strategic plan’s implementation is informed and enhanced by SUNY’s commitment to the core educational mission of the university and academic quality. Focusing on student access and success, strengthening student engagement in challenging academic work at all levels, and recruiting excellent faculty and graduate students to advance scholarship, the Academic Excellence Team is cultivating broad discussion across SUNY about these goals—and working closely with campuses to make progress toward them.

The Innovative Instruction Transformation Team also supports SUNY’s efforts to enhance academic excellence and student success. This team is developing frameworks to encourage and reward innovation, enhance communication and community building among SUNY faculty and staff, and extend professional development opportunities related to instruction and instructional support. The Innovative Instruction Team is actively involved in the vast array of campus and System efforts to support smooth transfer and degree attainment, and will be responsible for coordinating opportunities to improve these processes through innovation and campus collaborations.

The principle of shared governance is key to academic excellence, and integral to The Power of SUNY. The Shared Governance Transformation Team has been actively engaged in strategic plan implementation on this front, exploring strategies and initiatives to support sound shared governance practices across SUNY. For example, shared governance has provided an important vehicle for enhanced transfer policies as part of our Student Mobility initiative.

To support SUNY’s research portfolio, we are leveraging our relationship with the Research Foundation (RF). With the establishment of a new combined RF leadership position of President and Vice Chancellor...
for Research, a dual report to the RF Board of Directors and the Executive Vice Chancellor and Provost, RF resources and initiatives will be far more integrated with SUNY’s academic programs.

In addition, the RF and System Administration have created the Research Collaboration Fund to support multi-disciplinary, multi-investigator, multi-campus research projects (page 21).

SUNY also has a long history of systemwide recognition and cultivation of excellence among its faculty. Chief among these efforts is the tradition of honoring extraordinary faculty through appointment to the rank of Distinguished Professor. And, in March 2012, the Board of Trustees passed a resolution creating the Distinguished Academy, a body that will be made up of all Distinguished Faculty—to create a more active organization and greater collaboration and service among these top teachers and researchers.

The SUNY Leadership Institute—an outgrowth of the Leadership Development Transformation Team—invests in the professional development of faculty and staff through orientations, seminars, fellowships, mentoring programs, and web-based assessment tools, as well as support for campus efforts to promote from within.

SUNY’s participation in the Collaborative on Academic Careers in Higher Education (COACHE), based at the Harvard Graduate School of Education, will provide critical data about the level of engagement in teaching, research, and service. The survey gives tenured and tenure-track faculty an opportunity to express their level of satisfaction with their institution. System Administration, in collaboration with the campuses, will use the results to gain insights into how SUNY is doing in relation to national and local peers, and campuses will be able to use the results to strengthen the academic environment to support faculty and students.

Many other System-led efforts enhance the academic experience, such as support for diversity programming, led by SUNY’s Office of Diversity, Equity, and Inclusion, with programs like the Faculty Diversity Program Awards and the Graduate Diversity Fellowship Program. Our systemness also allows us to take high-leverage campus-based best practices to scale—like the SUNY Works cooperative education initiative (page 25) and Purchase College’s Baccalaureate and Beyond mentoring program (page 27).

But SUNY cannot reach our big goals—and reach the level of academic excellence to which we aspire—without attending to the core infrastructure issues that scaffold all of SUNY’s work. As we have moved forward, we continually work to refine core infrastructure issues into the key initiatives targeted to help us reach our strategic goals. This process of inquiry has led us to a set of targets we believe will help us transform SUNY’s “Iron Triangle”—enabling us to simultaneously control costs, increase productivity, and enhance access and completion (page 46). While each supports SUNY’s academic mission, here are a few examples that directly enhance academic excellence:

- The implementation of a Shared Services Initiative that reinvests significant resources into instruction and direct student services.
- The creation of a Remediation Task Force to increase college-readiness—in collaboration with our P-12 partners—and to dramatically reduce the need for remediation over the next decade with aligned curriculum and more effective remedial education policies and practices.
- Development of a Performance-Based Allocation system that will incentivize campus performance with new investments from University-wide funding programs toward areas such as the Collaborative Research Initiative, the Educational Opportunity Program, and High Needs Programs.

Finally, System Administration must ensure that SUNY has the financial stability to meet its academic mission, and this requires a coordinated legislative agenda. We worked hard to ensure the passage of NYSUNY2020—legislation that shored up SUNY’s finances with Maintenance of Effort and a rational tuition plan, while also creating a $142 million fund for campus grants that will enhance research capacity (page 19).
These actions, along with many others detailed in this Master Plan, forcefully demonstrate that SUNY’s historic commitment to academic excellence remains at the heart of every strategic decision. As we build on our record of achievement, we will continue to refine the critical pathways that make it possible for a diverse, distributed, yet coordinated system to amplify the academic excellence embodied by SUNY institutions across the state.

STRENGTH IN DIFFERENTIATION—NOT JUST IN NUMBERS

In addition to its diverse mix of 64 campuses, each with its own mission and unique identity, SUNY leverages its diversity through sector mission differentiation. The six campus sectors include: Colleges of Technology, Community Colleges, Comprehensive Colleges, University Centers, Specialized Institutions, and Statutory/Contract Colleges.

- **SUNY Colleges of Technology** share a strong technical orientation, with most programs requiring a solid foundation in math and science. Together these institutions share responsibility for high-quality certificate and degree programs, primarily in technology, agriculture, and the applied sciences. Included in this sector are the colleges of technology located in Alfred, Canton, Cobleskill, Delhi, Farmingdale, and Morrisville.

- **SUNY Community Colleges** share responsibility for providing high-quality transfer and career associate degree and certificate programs to all New Yorkers at affordable cost, while also providing specialized training to individual workers, businesses, and industry. SUNY’s 30 community colleges are located in every region of the state. Students study in a range of two-year programs leading to the associate degree and in certificate and other non-degree programs. More than half of SUNY community college graduates transfer to four-year institutions to earn a baccalaureate degree, while other graduates begin work immediately. The community colleges also have a wide range of offerings and resources supporting programs in lifelong learning and skill development for part-time students already in the workforce, either individually or through employer-supported, tailored courses. A number of community colleges offer residential living, and several operate in more than one location. SUNY’s community colleges are different from its state-operated campuses in that governance and operation are shared between the state and local sponsor (e.g., a county or group of counties). State-local shared governance is reflected in the membership of community college governance bodies.

**SUNY’S COMMITMENT TO ASSESSMENT**

Central to SUNY’s commitment to academic excellence is its rigorous assessment policy, which requires campuses to assess institutional effectiveness, general education, and academic programs at both the undergraduate and graduate level. The policy also requires SUNY campuses to meet or exceed the standards set by the Middle States Commission on Higher Education (MSCHE) for the assessment of student learning and institutional effectiveness.

Faculty design their own approaches for assessing student learning, which include course-embedded assessments, national tests like the Collegiate Learning Assessment (CLA), and certification and licensure exams. Hundreds of SUNY’s academic programs—primarily in professional areas such as education, health care, engineering, and law—have additional, specialized accreditation that requires them to engage in rigorous assessment at the program level. To help campuses assess their overall effectiveness, SUNY asks all campuses to administer the **SUNY Student Opinion Survey (SOS)** on a three-year cycle. Beginning in spring 2013, all four-year campuses will administer the **National Survey of Student Engagement (NSSE)**, also on a three-year cycle. The SOS covers academic, student support and other campus features, while the NSSE focuses on high impact practices associated with strong student learning outcomes. The **SUNY Council on Assessment** (see Appendix page 103), appointed by the Provost, supports assessment on SUNY campuses. In addition, more than 120 SUNY faculty and administrators are members of the statewide **Assessment Network of New York (ANNY)**.
The Power of SUNY

boards of trustees: they include both Governor-appointed and local sponsor-appointed members. The Fashion Institute of Technology, a specialized college with an international reputation, falls within this sector in terms of governance, but is atypical in terms of programs and admissions criteria; it offers associate through master’s degrees in more focused programs, many of which are highly selective.

- **SUNY Comprehensive Colleges** provide a range of high quality disciplinary and interdisciplinary programs at the baccalaureate and master’s level, as well as selected undergraduate and graduate professional programs, based on state and regional need. The Comprehensive Colleges vary in size, setting, academic focus, and degree of comprehensiveness, while providing a range of undergraduate experiences. This sector comprises twelve traditional institutions, mostly located in small cities and towns, with academic offerings that include liberal arts and sciences and professional programs such as business and teacher education. In addition to a full range of undergraduate curricula, including honors programs, the comprehensive colleges offer master’s degrees. The thirteenth, less traditional, comprehensive college is Empire State College, which enrolls a high proportion of working adults at learning centers throughout the state and via distance learning.

- **SUNY Comprehensive University Centers**, located in Albany, Binghamton, Buffalo, and Stony Brook, are, first and foremost, research institutions where the creation of new knowledge is central to their mission. In addition to wide-ranging undergraduate and graduate programs leading to baccalaureate and master’s degrees, each university center has doctoral programs and professional schools.

- **SUNY Specialized Colleges** share the distinction of being relatively small in size with highly focused missions. They include SUNY’s Institute of Technology at Utica-Rome, the Maritime College and the College of Optometry, both in New York City, the College of Environmental Science and Forestry located on Syracuse University’s campus, and two free-standing Health Science Centers in Brooklyn and Syracuse, each with a college of medicine, nursing programs, and health-related undergraduate and graduate programs. SUNY offers, through its freestanding and university center-based health science centers, some of the highest quality health-related education, research, and patient care in the nation.

- **The Statutory/Contract Colleges** are operated by their host institutions, subject to the general supervision and coordination of SUNY’s Board of Trustees [Education Law § 355(1)(a)], which also approves the appointment of the head of each college by the governing board of its respective private institution [Education Law § 355(1)(e)]. Included in this category are four colleges affiliated with Cornell University, which are the Colleges of Agriculture and Life Sciences, Human Ecology, Veterinary Medicine, and the School of Industrial and Labor Relations; and a fifth institution, the New York State College of Ceramics, affiliated with Alfred University (see Education Law, Article 123). Each partnership college enjoys the benefits of being part of the State University of New York, while being connected to, and located at, a private university. These colleges are exemplars of productive public-private partnerships.

In addition to campus sectors, SUNY’s related educational centers include the statewide network of Educational Opportunity Centers (EOCs), supported by two Counseling and Outreach Centers. EOCs have pioneered urban education with innovative vocational training programs, geared toward gainful employment and economic self-sufficiency, and academic programs leading to higher education. In 2010-11, roughly 23,000 individuals received services, with more than 13,000 of those individuals enrolled in programs leading to certificates. Academic programs range from Adult Basic Education to English as a Second Language, GED, and College Preparation. Demand-driven vocational training programs result in job placement in entry level, career-track employment in information technology, customer service, and allied health.
In 2009, the State University of New York Board of Trustees charged its incoming Chancellor, Nancy Zimpher, to lead a systemwide strategic planning process. The ensuing process was built around leveraging the system’s greatest assets while addressing major infrastructure needs. All of this work was grounded in SUNY’s core mission, “to provide to the people of New York educational services of the highest quality, with the broadest possible access, fully representative of all segments of the population,” and its motto, “To Learn, To Search, To Serve.”

It was not to be a garden-variety strategic planning process. Nancy Zimpher brought with her the experience of leading two university-wide plans that went far outside the parameters of a traditional academic strategic plan. SUNY’s plan would similarly push the envelope, informed by a twenty-first century land-grant concept, and encompassing an ambitious agenda that expanded SUNY’s reach beyond its 64 campuses to the boundaries of New York State—and beyond.

**GETTING THE LAY OF THE LAND**

Immediately after her arrival at SUNY, Chancellor Zimpher set out on a tour of SUNY’s 64 campuses, which served as the initial data source and resource inventory for the planning process. During this 100 day tour, she met with SUNY faculty members, staff, students, alumni groups, affiliate organizations, and community and business leaders, constituting Phase I of the strategic planning process.

There were also meetings with congressional and legislative representatives, the SUNY Board of Trustees, the SUNY campus presidents, and members of the media. The tour provided an invaluable perspective on the current state of SUNY and an initial understanding of SUNY’s most pressing issues and possibilities—from the ground up. At the end of the tour, 16 preliminary themes and several core infrastructure issues emerged, which became the foundation for Phase II development activities. And a powerful value proposition had surfaced—a working hypothesis that would be tested during Phase II: “SUNY can be a major economic engine and improve the quality of life in New York.”

**AN UNPRECEDENTED MEETING OF THE MINDS**

To begin Phase II of the Strategic Plan, SUNY formed a Strategic Planning Steering Committee comprised of campus presidents, staff, students, and community members. This team was charged with prioritizing themes and objectives for SUNY’s statewide conversations, along with developing the strategic actions for the planning process as a whole. A System Administration-based Tactical Group provided support to all activities of the planning process.

During Phase II, SUNY conducted eight statewide conversations, at campuses across the state, to consider the selected themes. These events served as the convening sites for the “Group of 200,” a diverse group representing a cross section of key SUNY stakeholders and including faculty, system administrators, staff, students, alumni, campus foundations, and community leaders.
DIVERSITY COUNTS

Diversity was originally conceived as one of the Big Ideas to be addressed in the plan. But over time, and across many important conversations, it became clear that the challenges and opportunities connected to diversity could not be separated from any aspect of SUNY’s work. So diversity became a thread that was woven through each of the Six Big Ideas, with specific “Diversity Counts” goals that underscore SUNY’s commitment to respecting, encouraging, and promoting all aspects of human difference—and ensuring that our campuses mirror the rapidly changing world. SUNY also has a strong foundation of academic and programmatic assets that support this critical core value, with systemwide leadership from our Office of Diversity, Equity, and Inclusion (ODEI).

Each day-long conversation had a structured dialogue, organized for participants to consider, evaluate, and prioritize the challenges and opportunities facing SUNY. The group was invited to think outside the box and dream big about SUNY’s potential. The meetings included a guest speaker, opportunities for full group Q&A, a break-out session for small groups to work on the development and prioritization of themes and goals, and an open forum session. Throughout Phase II, SUNY campus presidents, the SUNY Board of Trustees, and other key stakeholder groups were briefed on the process and asked for their collective input.

In addition, working groups were created to focus on each theme and core infrastructure area, staffed by experts from inside and outside of SUNY. These working groups reviewed ideas and suggestions from the statewide conversations, feedback from meetings of the Steering Committee, and input from the SUNY campus presidents. In the spring of 2010, the working groups completed reports that provided a high-level summary of SUNY’s strengths, capabilities, and key challenges it faced, and they proposed actions that could help meet strategic goals.

At the end of this phase, eleven months after the 64-campus tour, SUNY had coalesced around the idea that SUNY has tremendous capacity that can be leveraged to drive economic development and enhance the quality of life for the people of New York.
Armed with working group reports and hundreds of proposed initiatives gathered from the Group of 200 and other stakeholders around the state, the Strategic Plan Steering Committee began to flesh out the main areas of focus. The result was **Six Big Ideas** representing interdependent areas of opportunity and challenge that married SUNY’s mission and capacity with the needs of the state as a whole.

**SUNY AND THE ENTREPRENEURIAL CENTURY**

We will cultivate entrepreneurial thinking across our entire learning landscape, helping new and existing businesses innovate, prosper, and grow.

**SUNY AND AN ENERGY-SMART NEW YORK**

Achieving sustainability demands action on multiple fronts at once. SUNY’s collective intelligence makes it New York’s renewable resource for ideas.

**SUNY AND THE SEAMLESS EDUCATION PIPELINE**

SUNY sees education in New York State as a pipeline that extends from birth to retirement years—and finds ways to close the gaps that impede success.

**SUNY AND THE VIBRANT COMMUNITY**

As other entities cut or loosen local ties, SUNY’s role as an enduring, enriching presence in communities becomes even more critical.

**SUNY AND A HEALTHIER NEW YORK**

A fully integrated SUNY healthcare enterprise has enormous potential—in terms of public health, economic impact, and global influence.

**SUNY AND THE WORLD**

We will nurture a culturally fluent, cross-national mindset and put it to work improving New York’s global competitiveness.
LAUNCHING THE PLAN

In April 2010, *The Power of SUNY: Strategic Plan 2010 and Beyond* was born. In conjunction with SUNY partners and campuses, Chancellor Zimpher hit the road again for a series of 11 SUNY Strategic Plan launch events at several locations throughout New York State, attracting 93 speakers and 1500 participants.

Now it was time to fasten SUNY’s collective seatbelt and prepare for an exciting ride on the way to realizing our vision. We built a detailed plan for implementation—with working groups transitioning into Innovation Teams to develop work plans for the Six Big Ideas, and Transformation Teams to work on the seven infrastructure issues selected. To meet SUNY’s commitment to measure progress, a team of researchers with expertise in methodology, program evaluation, and data analysis advised SUNY on the selection and development of metrics and other means of measuring progress toward goals. More than 90 metrics were selected using a rigorous vetting process.

POWER OF SUNY IMPLEMENTATION TEAMS

Innovation Teams—The Six Big Ideas

- SUNY and the Entrepreneurial Century
- SUNY and the Seamless Education Pipeline
- SUNY and a Healthier New York
- SUNY and an Energy-Smart New York
- SUNY and the Vibrant Community
- SUNY and the World

Transformation Teams—Building a Better SUNY

- Academic Excellence
- Strategic Enrollment Management
- Resource and Budget Taskforce
- Leadership Development
- Innovative Instruction
- Information Technology
- Shared Governance
- Leadership Development

A hallmark of the implementation process is taking disciplined action to ensure that every activity aligns with *The Power of SUNY*—from the Board of Trustees’ committee structure to the SUNY Construction Fund’s Facilities Master Plan.

As implementation teams meet and discuss initiatives and tasks, part of their charge is to frequently evaluate how to proceed with projects, given initial feedback and other influencing information and events. As will be further discussed, continuous improvement requires sometimes hitting the pause button on some projects to address issues that are critical to
Delivering on our Promise

the success of the overall effort. For example, the Academic Excellence Transformation Team has identified completion-rate targets as a key metric that needs to be developed in order for other issues to move forward, and so SUNY made a commitment to focus on getting completion-rate targets right.

REPORTING ON OUR PROGRESS: THE SUNY REPORT CARD

As a first step in making good on SUNY’s promise to measure and report on its progress toward reaching the goals of the strategic plan, working group members began the process of selecting the metrics that would provide the basis for accountability. The teams engaged in an exhaustive search of national best practices and existing databases, gathering metrics widely used in higher education and other fields, as well as creating new measures to capture SUNY’s specific goals and core values.

In all, more than 90 metrics were selected to set baseline measures from which SUNY could begin to show progress and improvement. These metrics were broken out into three categories: A Competitive SUNY, which captures SUNY’s commitment to build a better university; Diversity Counts, which tracks SUNY’s dedication to build upon the tradition of providing access and opportunity to traditionally underserved populations—and better preparing students for the complex challenges they will face as part of the global community; and A Competitive New York, which measures SUNY’s success in implementing the initiatives associated with the Six Big Ideas—to drive New York’s economic recovery and enhanced quality of life.

Baseline data for the metrics under these three categories were collected and published in SUNY’s first-ever Report Card, released in May 2011 (www.suny.edu/powerofsuny). The Report Card provided a comprehensive snapshot of the starting point from which SUNY would be measured in future reports. It is a work in progress and a model of continuous improvement, as SUNY refines its work to become as high-leverage as possible, and therefore adapting the metrics that best track the success of that work.

Four months later, SUNY followed this baseline document with another Report Card that provided greater detail, along with national comparable data to show where SUNY stands among its peers in the Competitive SUNY measures. The next Report Card, which will be released in fall 2012, will feature web-based interactivity for deeper data analysis—creating a powerful tool to assess SUNY’s performance.

For a complete list of metrics, see the Appendices, (pages 64-73).
SUNY held its first Critical Issues in Higher Education conference in September 2011, showcasing the nation’s most innovative thinking about how institutions of higher education can have the greatest impact on economic growth—and how that impact can be measured and assessed. Bringing together a distinguished collection of leading scholars, administrators, policymakers, journalists, and entrepreneurs, the conference generated a unique synthesis of perspectives and best practices for universities to deploy as engines of economic revitalization and quality of life.

**PROFILE IN SYSTEMNESS**

**ALIGNMENT WITH CAMPUS STRATEGIC PLANS AND PRESIDENTIAL REVIEW PROCESS**

A vital aspect of the implementation of The Power of SUNY has been the alignment of campuses with systemwide strategic goals. To develop a detailed picture of how each campus aligns with the strategic plan, all campus presidents, as part of their performance reviews, submitted a comprehensive report to the Chancellor. These reports detail institutional strengths, institutional challenges, and suggestions of ways SUNY could support their campuses, along with campus actions that support each of the Six Big Ideas—with detailed background on the areas identified as standout campus strengths.

Presidents were asked to verify a set of data tables that provided detailed information on enrollment, diversity, faculty trends, transfer, completion rates, and results of a student opinion survey on the academic experience, services, and campus facilities. They were also asked to set future goals in these areas. The data tables with projections for 2015 provide detailed and valuable information to track each campus’s progress and SUNY’s as a whole. For example, when it comes to retention rates, campus presidents set ambitious goals that, in the aggregate, would push SUNY’s retention rates—already above national averages—even higher. These campus goals are critical inputs as SUNY develops systemwide targets on a range of metrics.

The presidential review process has generated an invaluable inventory of data about campus resources, programs, best practices, and areas where capacity could be enhanced, perhaps by another campus with complementary assets. The result is a detailed mapping of campus strengths, resources, and needs that is perhaps the ultimate expression of systemness—a demonstration of the properties of SUNY’s diverse, distributed whole. With the benefit of this emerging picture of SUNY’s vast enterprise, we are in a greatly enhanced position to fully realize The Power of SUNY.
Starting with Phase II of the Strategic Plan, SUNY began reaching out to business groups, legislators, local officials, and other stakeholders to raise awareness about the strategic planning process and the working hypothesis about SUNY’s capacity to be an economic engine for the state. During this time SUNY also spearheaded a legislative campaign for reforms that would stabilize SUNY’s finances and strengthen its ability to be an economic engine for the state, a process that helped to build a coalition of partners who joined the lobbying effort for these reforms.

This commitment to outreach continued throughout the strategic planning process—and after the launch of The Power of SUNY, Chancellor Zimpher embarked on a statewide tour to meet with chambers of commerce, industrial development agencies, and other economic development organizations to amplify the message that SUNY is an accessible and committed partner for local, regional, and statewide economic development efforts.

So when Governor Cuomo laid out his economic development plan in 2011, focused on the creation of Regional Economic Development Councils (REDCs), SUNY, whose value proposition was now an integral part of the statewide conversation on economic revitalization, was asked to play a key role in the REDC process, with representatives on every regional council.

As part of the overall endorsement of SUNY’s importance to the state’s economic future, the Governor pushed successfully for NYSUNY 2020, legislation that provides for a rational tuition policy, maintenance of effort to shore up SUNY’s financial stability, and the establishment of a capital challenge grant program. NYSUNY2020 provides an opportunity for SUNY’s four university centers to compete for $140 million in economic development funding. These funds are meant to leverage outside investment and expand SUNY’s research and academic portfolios while creating thousands of jobs across the state.

To date, two campuses, the University at Buffalo and Stony Brook University, have had their plans approved, and it is expected that the University at Albany and Binghamton University will get approval later this year. The 2012-13 state budget also includes an additional $30 million in economic development funding that will be matched with $30 million in SUNY contribution to expand this program to other SUNY campuses.
The Innovation Teams, charged with developing the initiatives under each of the Six Big Ideas, have continued to meet to review, prioritize and put forth specific proposals to implement these initiatives. The concepts laid out in *The Power of SUNY* for each Big Idea have been adapted into programs identified as having the ability to move forward SUNY’s strategic goals.

The projects and programs described here represent the “signature initiatives” under each Big Idea, selected for their ability to move the dial quickly toward SUNY’s strategic priorities. It is important to note, however, that there are countless other initiatives and projects—too numerous to mention—both new and longstanding, that support the Six Big Ideas and *The Power of SUNY*.

**SUNY AND THE ENTREPRENEURIAL CENTURY**

The critical components that businesses of all sizes and stages need—knowledge, talent, and expertise—can all be found at SUNY. We have $1 billion annually in research expenditures, more than 10,000 research projects across 64 campuses, world-class facilities, and strong existing partnerships.

By orchestrating collaboration across SUNY’s immense research enterprise, commercialization and small business resources—and through its strong presence on the governor’s *Regional Economic Development Councils* (REDCs)—SUNY is solidly positioned to translate its academic and research footprint into new opportunities and growth across the state.

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**How SUNY Matters**

A joint project of the University at Albany’s Rockefeller Institute of Government and the University at Buffalo Regional Institute, *How SUNY Matters* explores SUNY’s role as an economic engine for New York State. The study estimates SUNY’s total economic impact at $19.8 billion, including 173,000 jobs supported and $460 million in state and local taxes generated.

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**SETTING THE STAGE FOR INVESTMENT: LEVERAGING COLLABORATIVE RESEARCH**

Research and innovation have long been hallmarks of American higher education. But in the twenty-first century, knowledge creation is no longer enough. Economic growth depends on translating that knowledge into tangible, measureable benefits—from more grants won, to more patents issued and more jobs created. This shift demands an entrepreneurial mindset—a way of thinking determined to create and shape new markets.

Sponsored research brings federal dollars back into New York, creates highly paid jobs, builds infrastructure, and generates discoveries that lead to innovation that provides opportunity to attract and retain industry. By focusing not only on basic research, but also on translational research and the increasingly important priority of educating scientists and engineers, each SUNY sector has an important role to play in a focused regional research effort.

To fully power up its research and entrepreneurship resources, SUNY is developing a systemwide network of research collaboratives that will build a critical mass of world-class faculty researchers capable of attracting vastly increased research dollars.
The Research Foundation for SUNY has established the Research Collaboration Fund to support multi-disciplinary, multi-investigator, multi-campus research projects, under the auspices of the newly created and consolidated position of President of the Research Foundation and Vice Chancellor for Research. This Fund will support pilot studies as well as advanced, larger-scale proposals for future funding. SUNY and the Research Foundation have established the Fund with $750,000, and additional New York State matching funds are being sought to augment this initiative.

A Research Council led by top researchers will serve as an advisory body to the SUNY and RF boards of trustees; a faculty-led Research and Development Catalysts Project Committee will direct projects into existing funding mechanisms, such as the Empire Innovation Program, and will review grants and coordinate projects to ensure they are aligned with strategic goals.

The Inter-Campus Student/Faculty Collaboration Program will provide undergraduate science, technology, engineering, and mathematics (STEM) majors with an in-depth, year-long research experience that links campus departments and takes advantage of expertise, facilities, and equipment at multiple campuses.

To attract “gamechanging” faculty researchers, the NYSUNY Innovators Program (NYSIP) will enable SUNY to recruit the best and brightest researchers to campuses. Modeled on the Empire Innovation Program, the Strategic Partnership for Industrial Resurgence, and other best practices, NYSIP will recruit the most successful out-of-state life science and energy researchers and engineers whose impact will extend beyond the results of their own research, catalyzing a culture of excellence and entrepreneurial activity across the state.

SUNY is also investing in research consortia that enable New York to compete for large federal awards. For example, SUNY REACH (Research Excellence in Academic Health), brings together SUNY Upstate Medical University, SUNY Downstate Medical Center, Stony Brook University, the University at Buffalo, and the College of Optometry to collaborate as a superlative statewide biomedical research institution (for a complete description of SUNY REACH, see page 29).

**BINGHAMTON-UPSTATE MEDICAL COLLABORATION LEVERAGES REGIONAL STRENGTHS**

Through innovative collaborative research projects and an articulation agreement, Binghamton University and SUNY Upstate Medical University are sharing course offerings in their neuroscience graduate programs, allowing both institutions to expand and diversify their curricula in the neurosciences through use of video conferencing technology. In addition, Binghamton’s Thomas J. Watson School of Engineering and Applied Science and Upstate’s medical school are working together to improve the functionality of operating rooms and the emergency department at Upstate hospitals.

Binghamton and Upstate are also exploring collaborations in both cancer research and the neurosciences at the two institutions, with the goal of developing research synergies that capitalize on the expertise available at both locations.
BUILDING AN ENTREPRENEURIAL CULTURE

To foster a more entrepreneurial campus culture and support students and faculty in moving discoveries into the marketplace, SUNY Start-Up creates a systemwide suite of courses, grants, and mentorship programs. Each aspect of SUNY Start-Up will incorporate participation and guidance from entrepreneurs who are members of the community, alumni, or have connections to the SUNY campuses.

The SUNY Educational Network to Grow Innovation and Entrepreneurship (SUNY ENGINE), spearheaded by Cayuga Community College with support from the SUNY Leadership Institute, convened a gathering of administrators, faculty, and students from across SUNY to share best practices and academic resources around entrepreneurial education.

The Technology Accelerator Fund (TAF) is bridging the gap between R&D funding and private investment by providing grants to further advance SUNY’s best disruptive technologies—innovations that have the potential to create new markets. Development of a state-wide entrepreneurship competition will inspire faculty to prepare for the creation of an actual business. Expansion of SUNY’s assistance to minority and women-owned business enterprises will help New York develop the new businesses needed by the state’s diverse and rapidly changing population.

10,000 Entrepreneurs/FastTrac builds on the successful outcomes of a model program led by the SUNY Levin Institute and implemented in New York City, in cooperation with the New York City Department of Small Business Services and the Kauffman Foundation for Entrepreneurship. FastTrac NewVenture is geared to entrepreneurs who want to start their own businesses, while FastTrac GrowthVenture is geared to entrepreneurs who want to sustain or expand their current businesses.

SUPPORTING LOCAL ENTREPRENEURS, ANCHORING REGIONAL ECONOMIES

SUNY campuses already function as anchor institutions for regional economies, facilitating company development through innovation, technology transfer, business development centers, incubators, research and development parks, and workforce training. But The Power of SUNY is all about harnessing the system’s collective resources. To be successful, this model has to be collaborative, not only among SUNY’s own campuses within a region, but also with other major institutions and entities, including public and private economic development and planning agencies, business organizations and non-profits. As part of its role on the Regional Economic Development Councils (REDCs) in every region of the state, SUNY will marshal its entrepreneurship and small business resources to help local businesses plug in successfully with REDC initiatives and regional economic development efforts.
SUNY will reinvest in the Small Business Development Centers (SBDC), a diversified partnership between SUNY, the U.S. Small Business Administration, New York State, and the private sector. SUNY operates 24 SBDCs, 28 outreach offices, and many part-time satellites to deliver free business counseling and training to New Yorkers who want to start a business or improve the performance of an existing business. SUNY plans to expand SBDC consulting services to focus on areas such as energy efficiency, entrepreneurial education, government procurement, and technology. SBDC also created EntreSkills, a web-based educational tool that introduces aspiring entrepreneurs to key business concepts and the skills needed to start a business.

To reflect local research strengths and each region’s own assets and resources, SUNY is fostering coalitions between campuses and regional and statewide partners to support regional Innovation Hubs. The Research Foundation’s Technology Transfer Hubs and the SBDCs will work with the Innovation Hubs to solidify a regional structure within SUNY and build regional and state-wide alliances. SUNY is also creating high-impact communication strategies to link SUNY campuses’ expertise and resources to regional, statewide, and industry partners.

With these highly coordinated assets in place, SUNY will be poised to fast-track the best ideas and innovations—making sure they are connected with the experts, resources, and partners they need to succeed.

SUNY’s Business Incubators are a time-tested way to help businesses grow and create jobs in New York. Since opening its first incubator in 1988, SUNY has established a broad array of business incubation programs that tap into local strengths and resources to boost regional economies.
SUNY AND THE SEAMLESS EDUCATION PIPELINE

An educated population is the foundation of economic growth. Studies show that, in the years ahead, almost half of all jobs will require at least some college experience. Already, the 30 fastest growing fields demand a minimum of a bachelor’s degree. At first glance, New York State may seem well-positioned for this new age: it ranks fifth in the nation in terms of the percentage of the workforce that holds a bachelor’s degree or higher. But, in reality, more and more of our young people are being sidelined from the educational attainment they need to succeed in this economy. Nearly three in ten students fail to graduate from high school in four years. And only six in ten of those who make it to graduation do so with a Regents Diploma—a critical indicator of college readiness. What’s more, far too many students who enter the higher education system need remedial course work, jeopardizing their success in college and career, and accruing huge costs to themselves, to institutions of higher education, and to society.

As highlighted in Governor Cuomo’s New NY Agenda, New York spends more per student than any other state, yet ranks 40th in its high school graduation rate. In fact, for every 100 ninth grade students in New York:

- 57 graduate from high school four years later...
- 41 immediately enter college...
- 31 are still enrolled by their second year...
- 21 need three or more remedial college classes...
- And only 19 graduate with an Associate’s Degree within three years or a Bachelor’s Degree within six years.

These numbers reflect the severity of the leaks in the education pipeline—and call for bold solutions.

SUNY is bringing its substantial resources to bear on the leaking education pipeline with several high-leverage initiatives. We’re bringing together community stakeholders to develop cradle-to-career partnerships. We’re transforming teacher preparation to provide the highly effective teachers students need. And we’re bringing the well-documented success of cooperative education to scale across SUNY to radically boost college completion while creating career-ready graduates in strategic, growing industries—most of whom finish with a job offer in hand.

CRADLE-TO-CAREER SUCCESS

Because large-scale social change requires broad cross-sector participation and a systemic approach, SUNY is forging partnerships in several communities with representatives from education, business, non-profits, community-based organizations, and foundations—to focus on student success, academic completion, and job readiness. And because education begins the moment a child is born, and continues throughout that individual’s career and beyond, SUNY has prioritized the development of Cradle-to-Career partnerships across New York.

SUNY’s cradle-to-career initiative is based on the work of the Strive Partnership, a group of community leaders in Cincinnati and Northern Kentucky who have established a disciplined cycle of analysis, benchmarking, improvement, and innovation targeted at transforming education systems. The successful Strive framework is helping communities across the nation leverage their unique strengths and address their most complex challenges to improve student outcomes. In the four years since the Strive Partnership was launched, student outcomes have improved in many key indicators, including high school graduation rates, fourth-grade reading and math scores, and the number of preschool children prepared for kindergarten.

Based on the collective impact concept, which emphasizes a common agenda, shared measurement, continuous improvement, and mutually reinforcing activities, cradle-to-career partnerships support high-quality early learning programs and services (birth-grade 3); comprehensive education reforms (Pre K-grade 12); college- and career-readiness programs; and family and community support systems.
SUNY is working in collaboration with school districts and parents, community organizations and residents, educational and cultural institutions, city and county government leaders, business and industry leaders, philanthropists and private funders, and others to create Cradle-to-Career partnerships regionally across New York State. Partnerships are currently under way in Albany, Rochester, Harlem, Queens, Brooklyn, and Clinton County.

SUNY WORKS: TAKING THE CO-OP EXPERIENCE TO SCALE

The skills and experiences that once served working adults well are now overshadowed by enormous economic and technological changes in the workplace, especially in the fields of science, technology, engineering and mathematics (STEM). New York State currently needs to fill thousands of jobs in high-demand fields that require certifications and degrees. We also know that the vast majority of college students (70-80 percent) work while enrolled in classes and that financial pressures are a major contributor to adult attrition in post-secondary institutions.

Many SUNY campuses already help address these challenges through paid, credit-worthy, and typically full-time internships for their undergraduates—known as cooperative education. By integrating academic study with industry-based professional experience at two- and four-year campuses, co-op graduates are work-savvy, and generally have a lower debt load than non-coop graduates. They’re also truly job ready. Nationally, 60 percent of co-op graduates accept offers of full-time employment from their co-op employers. And the National Commission on Cooperative Education estimates that 95 percent of all co-op students find jobs immediately upon graduation.

This very impressive track record is why SUNY is taking co-op to scale with the SUNY Works initiative. In partnership with employers in strategic, high-demand industries, SUNY is building a model cooperative education infrastructure across the 30 SUNY community colleges, in close collaboration with local business and industry and regional economic development councils. Ultimately, SUNY will expand the co-op model across all 64 campuses.

Workforce Training for Adult Learners

As part of SUNY Works, the Lumina Foundation awarded SUNY’s Office of Community Colleges and the Education Pipeline a grant of nearly $1 million to participate in its nationwide Adult Degree Completion Network. The goal of this initiative is to graduate 2,000 adults during the project period and ultimately more than 5,000 upon full scale-up across our 64 campuses. Currently, nine partner pilot campuses are on board across the state to implement the SUNY Works co-op framework, with more on the way.

Partnering with Employers in Growth Industries

SUNY Works is collaborating with business and industry leaders across the state, the nation, and the world. Individual SUNY colleges and universities are working with over 100 business and industry partners to expand internships and cooperative opportunities with SUNY students.

GLOBALFOUNDRIES, the world’s most advanced semiconductor manufacturing facility, based in Malta, NY, is working closely with SUNY to develop new education and training models which will fully leverage SUNY’s human capital to build a globally
The Power of SUNY

A competitive local workforce. This unique co-op model begins with the “Pathfinder Program,” a rigorous 10-week pre-co-op training program that exposes students to the world of advanced manufacturing and STEM fields. GLOBALFOUNDRIES employees serve as mentors to participating SUNY students, providing technical information, institutional knowledge, and insight into the profession.

IBM is working directly with the teaching faculty at several SUNY campuses in targeted academic programs (such as engineering, business, computer science, environmental science, and architecture), to expose students to careers in the STEM fields. Students will participate in workshops and seminars, Software for a Cause projects, and the IBM Liquid Challenge Program. Many of these students will also benefit from direct IBM-paid work experiences across the state.

Linking with the Governor’s Regional Economic Development Councils and the Center for Economic Growth, SUNY has strategically organized its 30 community colleges into industry-centered regional hubs. This orientation of community colleges, based on high-demand job opportunities, is now being championed by President Obama and other national leaders, who have charged states with strengthening the transition from college to real jobs.

On an international level, the World Association for Cooperative Education (WACE) is providing best practices for building SUNY Works. Similarly, SUNY and the Organization for Economic Cooperation and Development (OECD) co-sponsored a conference called “Internationalization for Job Creation and Economic Growth: Increasing Coherence of Government and System Policies at a Time of Global Crisis” in New York City in April 2012.

To evaluate the successes and challenges of SUNY Works, a group of evaluation experts from institutions of higher education and research facilities across the United States will conduct a formal study to assess the effectiveness and outcomes of the SUNY Works model.

CO-OP BENEFITS STUDENTS, CAMPUSES, AND EMPLOYERS

- Provides business and industry with a source of innovation and a higher quality employee.
- Expands a company’s network while developing strong relationships between campuses and employers.
- Improves employee retention in high-demand fields such as technology and engineering.
- Keeps more highly trained workers in New York.
- Students develop a network of professional contacts—which often begin with the SUNY alumni who create co-op opportunities.

SUNY’s Hudson Valley Community College has a new extension center that operates a state-of-the-art training facility side-by-side with the multi-billion dollar GLOBALFOUNDRIES plant. This high-tech partnership is designed to enable associate degree completers to move into STEM careers. Four other community colleges and two four-year colleges are also partnering to graduate more adult students and meet regional workforce needs in high-demand STEM fields.
EARLY COLLEGE HIGH SCHOOLS

An Early College High School (ECHS) is a deep partnership between higher education and local school districts that provide a strong dual-enrollment model for students who are traditionally under-represented in higher education: students of color, at-risk, low-income, English language learners and first generation. In an ECHS, students earn up to two years of tuition-free college credit while still in high school. As a result of their small school size, students are supported in their academically rigorous high school and college courses, thus making them college and career ready faster than their counterparts in traditional high schools.

Through the Smart Scholars Early College High School program launched in 2009 by the New York State Board of Regents, SUNY is partnering with public school districts and public charter schools to create early college high schools. In 2011, New York State provided a matching $6 million to fund 12 new Smart Scholars partnerships. Twenty-three Smart Scholars Early College High Schools have opened since 2010, with a goal of helping up to 5,500 students decrease their time to a two- or four-year credential.

In partnership with EDWorks, an Ohio based education reform organization that has started nine early college high schools with remarkable results, SUNY sees the Smart Scholars partnerships as a highly effective model to foster sustainable collaborations between school districts, higher education institutions, and communities that lead to measurable improvements in college-readiness and completion.

DIVERSITY COUNTS

AWARD WINNING COMMUNITY COLLEGE MENTORING PROGRAM GOES TO SCALE

A key tactic in creating a seamless education pipeline is enhancing transfer opportunities for students from the community colleges to four-year institutions. A stunningly successful SUNY model is the Baccalaureate and Beyond Community College Mentoring Program, established at Purchase College. Founded in 2000 with major funding from the National Science Foundation, the National Institutes of Health, the PepsiCo Foundation, and other private and corporate donors, the program provides intensive mentoring and other forms of academic support to help underrepresented minority, financially disadvantaged, and first generation community college students complete a Bachelor’s degree in various fields of the liberal arts and sciences.

More than 350 students have participated in the program, 83 percent of whom have completed an AA or AS degree and are transferring to four-year institutions; 71 percent of these students are completing their Bachelor’s degrees—compared to a national transfer rate of 30 percent and a bachelor’s completion rate of only 17 percent.

One third of Baccalaureate and Beyond graduates are also pursuing post-graduate opportunities. For these very significant achievements, in 2011 the Baccalaureate and Beyond Community College Mentoring Program received the Presidential Award for Excellence in Science, Mathematics, and Education Mentoring (PAESMEM) from President Obama.

To replicate this highly effective model, program founder Dr. Joseph Skrivanek is leading a systemwide initiative in the Office of Diversity, Equity and Inclusion (ODEI), working with regional teams to begin bringing Baccalaureate and Beyond to students across SUNY.
Teacher preparation is a critical component of SUNY’s approach to repairing the leaking education pipeline. Because SUNY produces nearly 5,000 teachers each year—more than any other institution in New York State—we have both a tremendous responsibility and unparalleled capacity to move the dial on teacher education. And since SUNY prepares the teachers who go on to teach countless future SUNY students, our stake in teacher education is inextricably linked with systemwide completion and college-readiness goals.

SUNY’s teacher preparation programs are embedded in all sectors of our system. Many future teachers begin their preparation at community colleges and then, through Teacher Education Transfer programs, proceed to an undergraduate program at a comprehensive college to complete a program and to be recommended for initial certification. These teachers then may return to a comprehensive college or research university to complete a master’s program which leads to professional certification. Other students may complete their undergraduate content area studies at community and/or comprehensive campuses and then prepare for teacher certification in a graduate program.

In 2010, Chancellor Zimpher served as co-chair of the National Council for Accreditation of Teacher Education (NCATE) Blue Ribbon Panel on Clinical Preparation and Partnerships for Improved Student Learning, which issued recommendations for the development of partnerships in which teacher education becomes a shared responsibility between P-12 schools, higher education, and organized labor to transform teacher education into a clinical practice, similar to training for medical professionals. Two SUNY campuses (UAlbany and Oswego) have received Clinically Rich Teacher Preparation Program grants from the New York State Education Department (NYSED) to strengthen graduate-level preparation. Empire State College has also begun implementing this teaching model.

SUNY is working toward building a new vision for teacher education that reflects the NCATE Blue Ribbon Panel’s recommendations. Clinically rich student teaching, close partnerships with school districts, selective recruitment of teacher preparation students, and a focus on professional development of current teachers are some aspects of teacher preparation programs that are being developed to better align teacher preparation with the expectations of school districts and the needs of students.

Many of the initiatives for teacher preparation will be instituted through SUNY’s Urban-Rural Teacher Corps (URTC). A collaborative effort led by our 17 teacher preparation campuses, the URTC will focus on developing teachers who are equipped to help close the achievement gap in high-need districts and underserved geographic locations.

Another priority is preparing teacher candidates and higher education faculty for new teacher certification examinations, including the Stanford Teacher Performance Assessment, as a performance-based assessment to qualify teacher candidates for New York State initial certification. This innovative subject-specific performance assessment will provide data for program evaluation, continuous improvement, and accreditation. In addition to measuring readiness for teaching, this unique instrument is designed to predict a candidate’s impact on student achievement.

Currently, SUNY is working closely with NYSED to offer professional development to SUNY faculty who are involved in teacher and principal preparation. This will assist both content area and teacher education faculty in preparing future school professionals who can implement the Regents Reform Agenda.
Delivering on our Promise

SUNY AND A HEALTHIER NEW YORK

Improving the health of New Yorkers is essential to the state’s economic success. And no other organization, public or private, can address New York’s health challenges as powerfully as SUNY. We have field-tested knowledge that covers the entire state. Our researchers are generating new insights into everything from HIV/AIDS to personalized medicine to cardiovascular disease. SUNY institutions educate thousands of students each year for medical, dental, nursing, public health, optometry, pharmacy, research, paramedicine, allied health, and biomedical careers—9,800 alone from our four Academic Health Centers, the majority of whom stay in New York. SUNY’s medical centers also treat more than one million patients annually, including the most vulnerable and the most diverse populations.

SUNY’s four Academic Health Centers are on the leading edge of collaborative research ventures, joining forces to leverage intellectual capital, facilities, and training resources as an integrated statewide enterprise. In addition to an enhanced ability to attract federal research dollars and provide improved care to millions of New Yorkers, SUNY’s dynamic healthcare network is the embodiment of systemness.

LEVERAGING A UNIFIED VERSION OF BIOMEDICAL RESEARCH

SUNY REACH (Research Excellence in ACademic Health) is a phased investment in the people, core facilities, and information technology to unify and advance the research vision of New York’s public Academic Health Centers (AHCs) and their integrated medical schools—making SUNY one of the largest biomedical research enterprises in the state and the only one with a committed public mission.

The four SUNY AHCs have a unique mission built around medical schools and teaching hospitals. Each supports a biomedical/biotechnology research enterprise aimed at improving human health, and a significant portion of their funding—more than $200 million in federal grants alone—is solely dedicated to biomedical research.

With an emphasis on cutting-edge IT infrastructure and the world-class researchers to deploy the best technologies, SUNY REACH is designed to grow biomedical research in four specific areas related to human disease: cancer, infectious disease and emerging pathogens, disorders of the nervous system, and diabetes and cardiovascular disease.

REACH is making SUNY a competitive leader in biomedical research, positioning our AHCs to better compete for Clinical Translational Science Awards and other high-profile grants. The coordinated investment strategy will invigorate the academic culture to foster collaboration. A natural extension of SUNY’s public health and service mission, REACH enables unprecedented collaboration, shared success, and strategic recruitment.

SUNY INSTITUTE FOR HEALTH POLICY AND PRACTICE

Through the creation of the SUNY Institute for Health Policy and Practice (IHPP), SUNY is assembling the intellectual capital of SUNY’s academic health centers, schools of public health, and colleges and community colleges with health-related degree programs under a single virtual institute. The IHPP will build on important policy development and research already under way across SUNY—by providing a platform for collaboration on new ideas and research projects—and the ability to capitalize on expertise from throughout the system.
Tackling the critical health care issues facing New York State is essential to rebuilding New York’s economy and adapting to reforms.

To meet the challenge, the IHPP will draw on SUNY’s collective strengths in basic and population sciences, biomedical informatics, clinical research, public health, health care education and delivery to provide evidence-based guidance on a variety of concerns, shape the future of health care education, improve student health and wellness, and inform public policy decisions.

Governed by SUNY’s AHCs, schools of public health and the Chancellor’s Office, the IHPP will coordinate ongoing and new initiatives through five collaboratives:

- **Clinical, Translational, and Basic Sciences Collaborative** to build SUNY’s biomedical research infrastructure by developing specific areas of research expertise.
- **Evidence-Based Clinical Care Research Collaborative** to identify the best practices and comparative effectiveness research in partnership with the NYS Department of Health.
- **Quality and Patient Safety Collaborative** to improve health care quality and patient safety.
- **Public Health and Wellness Collaborative** to build on the efforts of SUNY’s public health programs partnership with the Center for Health Workforce Studies (CHWS) at the University at Albany.
- **Global Health Collaborative** to provide a forum for SUNY faculty to collaborate on international health projects.

The collaborative based structure will allow SUNY to align its efforts across the system, and with other stakeholders, including the NYS Department of Health. In addition to ongoing policy work, the IHPP will launch two major new initiatives under the Public Health and Wellness Collaborative: **The Right Professionals in the Right Places** and the **SUNY Wellness Network**.
THE RIGHT PROFESSIONALS IN THE RIGHT PLACES (RP²)

New York, like the rest of the nation, struggles with a serious shortage of health care workers and professionals. To address this challenge, and to capitalize on the continued growth of the health care sector, SUNY is leading the way to provide strategic enrollment management and planning to ensure we are training and graduating high-demand professionals to serve high-need regions (see page 52).

The plan will be implemented in three phases through spring 2014, and then on a continuous basis thereafter, beginning with ongoing data analysis at CHWS—including re-registration surveys of key groups of licensed health professionals in New York State, assessment of the job market for new physicians, and trends in the production of Registered Nurses statewide.

By building on data already available, RP² will construct a regional workforce gap analysis in New York State’s healthcare delivery system. By analyzing the state’s workforce in relation to SUNY degree programs, SUNY can maximize its educational offerings to align with the state’s needs, and provide an educational ladder for existing workers hoping to continue their education. By combining these efforts with a focus on workforce diversity and health care disparities, SUNY will drive a coordinated effort to create a health care workforce for the future of New York.

Starting with a steering committee made up of a variety of faculty and staff from across the system, the RP² team will expand to create standing regional work groups as the organizational structure of the project—to include health care employers, and unions, local foundations and community agencies, and other educational institutions to develop and implement regional health workforce development plans.

THE SUNY WELLNESS NETWORK

The SUNY Wellness Network will have a special focus on the 18-25 year old demographic in its start-up initiatives: to improve the health and lives of students while establishing SUNY as a leader in promoting student health.

The Wellness Network’s first campaign will be to embrace a SUNY-wide tobacco-free environment, and roll out a plan to achieve that goal. A second initiative, Healthier Students: Healthier New York, will support students’ physical and mental well-being. With student rates of obesity, lack of fitness, depression, and alcohol and substance abuse at all-time measurable highs, SUNY will measure student health across various demographic categories and evaluate where support is needed. Like all of IHPP’s efforts, these data-driven initiatives will track programs to determine which practices are most effective and share best practices among campuses.
The Power of SUNY

SUNY AND AN ENERGY-SMART NEW YORK

Against the backdrop of the converging crises of global climate change and the depletion of fossil fuels, clean water, soil, and other natural resources, there has never been a more critical time for institutions of higher education to lead the way to a sustainable future. That is why SUNY set an ambitious goal to: reduce systemwide energy consumption by 30 percent over ten years; help catalyze a clean energy revolution through our vast research capacity; and harness our extensive education and training resources to prepare students to be the energy innovators, environmental stewards, and the green workforce our state and nation so desperately need.

As one of New York’s largest institutional consumers of energy, SUNY not only has a tremendous financial stake in finding ways to substantially reduce our energy use—we also have a responsibility to do so as part of our commitment to dramatically reduce our carbon footprint. Fortunately, with our diverse and increasingly coordinated resources we are positioned to make significant progress toward these goals.

Through multi-campus collaborations, a strong portfolio of foundation and federal grants, and partnerships with industry and corporations, SUNY is unifying its distributed system to create a powerful network of basic and applied research and workforce development in the areas of energy, environmental science and green jobs. With campus- and system-led conservation initiatives, expanding research engagement, and innovative educational collaborations, SUNY is in the vanguard of New York’s energy-smart future.

SUNY sees the road to realizing this future divided into three parts: Education, Research, and Facility Energy Management.

ENERGY-SMART EDUCATION

With more than 150 environmental and energy-related programs, SUNY has a vast array of academic offerings in environmental and energy-related areas—from continuing education courses and certificate programs that meet emerging workforce needs to PhD programs that support cutting-edge research and development. The diversity of SUNY campuses provides New York with access to higher education in environmental and energy related fields, in every part of the state.

SUNY also has the ability to respond quickly to emerging workforce needs. We work closely with NYSED to streamline the program review and registration process, especially for occupationally oriented certificate programs. When employers make specific requests for workforce development, an accelerated review process helps SUNY respond quickly with programs that prepare the employees those industries need, where they need them, supported by our strategic enrollment efforts.

SUNY is also seeking to infuse curricula with energy-smart courses, content, and other forms of communication. SUNY will vastly increase student exposure to fundamental concepts of energy and environmental sustainability using a broad-based, interdisciplinary approach—including a competitive grant program for faculty to propose innovative new courses and modules.

Maximizing Workforce Impact with Educational Consortia

To fully leverage campus academic resources and facilities, SUNY has developed educational consortia that build capacity and geographic coverage with certificate programs, as well as continuing education programs targeted to support clean-energy technology and other green jobs.

For example, Hudson Valley Community College, in partnership with the New York State Energy Research and Development Authority (NYSERDA) is the headquarters for the Center for Energy Efficiency and Building Science (CEEBS), a network of ten
training centers across the state, including several SUNY campuses. The CEEBS network provides building science/energy efficiency training recognized by the Building Performance Institute, a national independent certification organization that sets the standards for building science and energy efficiency. It is estimated that at least 1,700 building technicians were trained through CEEBS in 2009.

Since 2004, NYSERDA has partnered with 25 SUNY campuses to provide **Clean Energy Technology Training**, including solar water heating, small and large wind, geothermal, fuel cells, and photovoltaic (PV) across the state. More recently, new technology training has been introduced, including anaerobic digestion systems.

**SUNYGREENSNY**, led by Alfred State College, was awarded a $2.1 million clean-energy training grant from NYSERDA because of the campus’s expertise in renewable energy. The collaborative effort includes six community colleges, along with the Association of Builders and Contractors. The grant will allow expansion of coursework consistently across the state by integrating the curriculum into existing programs such as electrical technology, mechanical technology, HVAC, architectural technology, and construction technology.

**The Long Island Alternative Energy Consortium** is a cooperative effort by seven public and private colleges and universities—including six SUNY campuses—working with public entities and private companies, to coordinate regional education and training for the renewable and alternative energy industries. This collaboration is the beginning of a broad, interdisciplinary focus on energy and related issues for a variety of career paths.

**The Hudson Valley Educational Consortium** is a partnership of four SUNY community colleges (Orange, Rockland, Sullivan, and Ulster) that have teamed up to provide greater access, primarily through distance education, to a number of energy-focused programs, including Green Building Maintenance and Management and Wind Turbine Technology, using primarily distance education.

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**DIVERSITY COUNTS**

**JASPER CHIGUMA, PhD**

Jasper Chiguma, PhD ’09 Binghamton, Materials Science, and recipient of the Clifford D. Clark Fellowship at Binghamton, part of SUNY’s Graduate Diversity Program. Currently a post-doctoral fellow studying with Binghamton chemistry professor Wayne Jones, Jasper hopes to find materials to replace the limited and expensive metals currently used in solar cells, as well as developing better harvesting and storage systems for solar energy.
ENERGY-SMART RESEARCH

With state-of-the-art research centers, business incubators and major strategic alliances for energy and the green economy, SUNY is poised to make significant contributions. As evidence of both our capacity and our commitment, we continue to expand, coordinate, and support our research and innovation network—with a continued emphasis on increased research grants and new collaborations across campuses and with outside partners. SUNY is bringing together faculty members from a variety of disciplines to discuss coordination and funding opportunities—in subjects ranging from campus-based best practices to materials science. Energy is an area in which SUNY has the powerful advantage of strong campus-based leadership in research and education; two prime examples are Stony Brook University and the College of Environmental Science and Forestry (ESF). This exemplifies an important principle of systemness: when an individual institution has significant strengths in a given area, that campus can function as an innovation hub for a region and benefit the system as a whole—attracting top faculty, students, ideas, and research dollars.

SUNY-ESF is recognized internationally as a premier education and research institution in natural resources and the environment. ESF is home to the SUNY Center for Sustainable and Renewable Energy, a systemwide research and development clearinghouse in the critical area of energy efficiency and sustainability. The Center has a statewide role as a scientific and academic policy advisor to the

CAMPUS BEST PRACTICES

Clinton Community College has the first and only associate’s degree program in the northeast in Wind Energy and Turbine Technology. In fall 2010, Clinton put into service the first large-scale wind-turbine nacelle simulator in the country.

SUNY Farmingdale’s Solar Energy Center is the first utility-scale photovoltaic demonstration project in the northeast. Solar energy holds potential as a sustainable clean energy source with competitive rates provided it is harnessed suitably. The College has faculty expertise in electricity, electronic controls, heat transfer and fluid mechanics to conduct applied research in the field of solar energy. To support the development of infrastructure to make this clean energy source available to the Long Island community, the college is working to utilize this large scale demonstration project in education, research and community service. SUNY Farmingdale, the Long Island Power Authority (LIPA) and Keyspan are working on short- and long-term needs of the local industry.

SUNY Morrisville’s Renewable Energy Training Center (RETC) provides technical short courses for employed and unemployed individuals seeking marketable skills in the renewable energy field. The RETC is an alliance of employers, training providers, economic development partners, and K-12 schools to address the needs of New York State’s renewable energy sector. Course curricula are based on employer-identified skill gaps and needs, with a focus on renewable-energy resources and systems, including wind, solar, micro hydro, geothermal, and biofuels.
American Bioenergy Association—the acknowledged national bioenergy industry association and policy voice. The Center is conducting research in areas that include renewable carbonate fuel cell operations, photovoltaic power generation, solar-fueled hydrogen generation, biomass gasification for synthetic gas, and hydrogen extraction and biotechnical hydrogen production from biomass.

**Stony Brook University** is a national leader in energy research and development, with a large and diverse portfolio of assets and accomplishments. Chief among these resources is its relationship with the U.S. Department of Energy’s **Brookhaven National Laboratory**, located at and managed by Brookhaven Science Associates, a partnership between the Research Foundation for SUNY (on behalf of Stony Brook) and Battelle, a nonprofit, applied science and technology organization. Brookhaven’s cutting edge research in sustainable energy technologies, climate science, and energy policy are integrated into Stony Brook’s intellectual and scientific activities, with nearly 600 SBU faculty members and students working on projects at Brookhaven.

Other resources at Stony Brook include the **Advanced Energy Center (AERTC)**, which is providing innovative energy research, education, and technology deployment with a focus on efficiency, conservation, renewable energy, and nanotechnology applications for new and novel sources of energy. Longstanding relationships that have been forged between large research institutions, such as Brookhaven National Laboratory, the University at Albany, vocational training centers at Farmingdale State College, and regional companies that supply or distribute power, provide an ideal platform for this energy research initiative.

AERTC leads the **NYS Smart Grid Consortium**, a statewide program to collectively communicate and coordinate smart grid efforts of transmission and distribution companies, government agencies, industry, and academic and research institutions. The Consortium is the only organization of its scale in the United States that is committed to representing all major contributors across the energy value chain from utilities, markets, operators, industry, academia, government, and end-users—harnessing the unique resources of the state as it manages the collaborative development of the smart grid.

Stony Brook was selected by the U.S. Department of Energy to host the **Northeastern Center for Chemical Energy Storage**, one of DOE’s Energy Frontier Research Centers. This center is focused on designing new chemical energy storage systems, including the next generation of lithium-ion batteries.

**The Long Island High Technology Incubator (LIHTI)** at Stony Brook was established with funding from NYSERDA to accelerate the successful development of early-stage, clean energy technology companies on Long Island. LIHTI will offer on-site and virtual business incubation services, including presentation support, business planning, office and laboratory space, and access to comprehensive and professional services.

SUNY’s other doctoral-granting institutions also have significant energy-related research and development in place:

**Incubators for Collaborating and Leveraging Energy and Nanotechnology (iCLEAN) at UAlbany’s College of Nanoscale Science and Engineering (CNSE)** is a NYSERDA-funded clean energy incubator program that will help growing companies develop and commercialize clean energy technologies and create jobs in the Tech Valley. The NYSERDA funding established iCLEAN, spearheaded by CNSE’s Energy and Environmental Technology Applications Center (E2TAC). Over the next four years, iCLEAN expects to incubate 25 successful companies, with the potential for creating 125 new jobs and investing nearly $125 million into the regional economy. E2TAC is also advancing important research and development for renewable energy and energy efficiency.

**The Photovoltaic Manufacturing Consortium (PVMC)** is a partnership of CNSE, SEMATECH, and the U.S. Department of Energy (DOE). An industry-led consortium of cooperative R&D to accelerate the development, commercialization, and manufacturing of next-generation solar photovoltaic (PV) systems. PVMC’s goal is to increase the performance and speed the implementation of PV technologies—especially copper indium gallium selenide (CIGS).
thin film technologies—while improving manufacturing processes and driving down costs. Thin film solar technologies have been shown to be much less expensive to produce in larger volume.

Also headquartered at E2TAC, PVMC was chartered as part of the DOE’s SunShot Initiative, which is designed to reduce the cost of photovoltaic solar energy systems by about 75 percent over the next decade. PVMC shares the DOE’s goals of reducing the cost of solar energy and advancing large-scale U.S. solar manufacturing, boosting American competitiveness, and driving the deployment of clean, renewable energy.

With the support and participation from more than 40 companies and organizations from across the solar community, and with over $300 million in projected state, federal, and industry funding, PVMC is well positioned to provide significant, positive, and sustainable impact on the growth of the domestic PV industry.

Binghamton University’s Center for Autonomous Solar Power (CASP), part of the Small Scale Systems Integration and Packaging (S³IP) Center (a New York State Center of Excellence), is focused on the development and production of flexible, large-area solar panels, as well as storage and transmission devices. In three years, CASP has received more than $4 million in state and federal grants. The Institute for Energy Efficient Systems, another research center in S³IP, works in partnership with government, industry, and academia to develop new dynamic, predictive, and synergistic energy optimization and thermal management design criteria, enabling U.S. data centers and electronic systems to operate efficiently and securely.

At the University at Buffalo, through the Strategic Strengths research initiative, faculty are working to develop more efficient solar cells and advancing energy storage through nanotechnologies and spin-based technologies. UB researchers are developing new techniques to create nano-materials that can be used in lower-cost, more efficient solar cells. Because improved energy storage is critical to many emerging technologies, from electric and hybrid vehicles to implantable medical devices, UB researchers are developing nanomaterials that can provide longer battery life than current technologies.

The Atkinson Center for a Sustainable Future (ACSF) at Cornell’s College of Agriculture and Life Sciences (CALS) was created to foster a campus-wide dialogue on sustainability and cultivate scholarship in the interdependent areas of energy, environment, and economic development. ACSF’s work—which is grounded in the understanding that the science and engineering needed to develop clean energy technologies cannot be separated from the ecological study of earth’s integrated human and natural systems or from the social sciences—includes projects to develop sustainable technology for bio-based energy, innovative conservation strategies, climate change mitigation, energy storage, and geothermal and solar technology, among many others.

ENERGY-SMART FACILITY MANAGEMENT

In his 2012 State of the State Address, Governor Cuomo announced that the state will develop a master plan for accelerating energy savings in state-owned and operated facilities. As one of the major energy consumers in state government, SUNY will be a key partner in the implementation of this plan. Through our existing commitment to achieving a major reduction in energy use and carbon footprint, SUNY is fully aligned with the Governor’s initiative, and will continue to cut energy use and costs by retrofitting existing facilities and applying high energy-efficiency standards for new construction.

SUNY has long collected energy usage data manually. Now, a new Energy Budget and Management System will help SUNY conserve energy across its 108-million-square-foot physical plant, making it possible to track campus energy use in real time. Currently the information runs at least three to six months behind the actual use period. The new web-based system, which uses Energy CAP™ software, will allow campuses and System Administration to view data
in segments as small as hour-to-hour and make adjustments accordingly. This information will be readily available to all personnel who participate in the purchasing, contracting, or energy departments of each campus.

With this new platform in place, SUNY will enhance the timeliness and accuracy of baselines for energy use, and track the performance of individual systems—which will be particularly useful in evaluating new high-efficiency or alternative energy installations. This new system will even generate reports on greenhouse gas emissions, providing invaluable data to evaluate SUNY’s progress on reducing our energy usage and carbon footprint.

SUNY’s Office for Capital Facilities serves as a central point of contact for funding sources and opportunities to participate in renewable energy projects through NYSERDA and the New York Power Authority (NYPA). SUNY campuses are involved in a wide range of projects to upgrade and retrofit facilities and transition to renewable energy sources when possible—everything from energy efficient lighting to geothermal systems to large solar photovoltaic arrays.

As part of an overall action plan for the “Greening of SUNY” adopted by the Board of Trustees, SUNY campuses and the State University Construction Fund are committed to designing all new and renovated facilities at state operated campuses and statutory colleges to a minimum Leadership in Energy and Environmental Design (LEED) silver rating.

In addition, many SUNY campuses have developed, or are developing, individual Sustainability Master Plans to manage and reduce their carbon emissions. Nearly half of SUNY’s 64 campus presidents are signatories to the American College and University Presidents’ Climate Commitment (ACUPCC), which requires each institution to establish a greenhouse gas emission baseline with an associated action plan, and then to monitor, evaluate, and report on its progress toward achieving climate neutrality.

SUNY ESF: A National Leader in Academic Environmental Sustainability

The nation’s first true “college of the environment,” SUNY’s College of Environmental Science and Forestry (ESF) is the only institution in the United States with a program that is focused on the study of natural resources and the environment. ESF’s unique mission—to meet environmental challenges at all levels—gives SUNY a distinctive edge in our goal of leading New York toward an energy-smart future.

Today’s environmental issues are inherently complex and must consider a variety of perspectives and competing interests. Four themes—Applied Ecology and Conservation Biology; Renewable Materials, Energy, and Biotechnology; Sustainable Systems and Communities; and Environmental and Natural Resources Information Systems—provide a context to integrate and synthesize the cultural, natural, and industrial perspectives that run through all of ESF’s academics, research, and service.

ESF also serves as a systemwide demonstration project of best practices, from recycling to renewable energy—all part of a strategic goal for the campus to reach carbon neutrality by 2015.

With a dynamic array of programs, built on a foundation of academic excellence, ESF is educating the next generation of scholars, entrepreneurs, and environmental stewards to take on the most pressing challenges of our time.
SUNY AND THE VIBRANT COMMUNITY

SUNY has a strong history of service—beginning with its motto: To Learn, To Search, To Serve. Service, in its broadest sense, comes in many forms with students and faculty contributing to their communities and their fields.

Wherever New Yorkers come together as a community, SUNY is there—a remarkable 97 percent of all New Yorkers live within 20 miles of a SUNY campus. Most of our campuses proudly bear the name of their home city or town. They serve as the local crossroads, enabling people from many different backgrounds to meet and deepen their mutual sense of belonging.

SUNY campuses fight “brain drain,” acting as a natural magnet for young, talented, and creative people—the intellectual firepower that is so critical to economic development. SUNY graduates—the majority of whom stay in New York—also become volunteers, teachers, healthcare professionals, first responders, employers, advocates, and community leaders. And SUNY is a major source for arts and culture programming that makes life richer for everyone.

SUNY was a charter member of the New York Campus Compact (NYCC), which was founded in 2001 by a task force of college and university presidents to promote active citizenship as an aim of higher education. NYCC seeks to strengthen the capacity of member institutions to partner with their communities, increase student involvement in academic and co-curricular public service; advance engaged scholarship; and cultivate the knowledge, values, and skills of civic responsibility and democratic participation.

With a remarkable array of campus-based programs and activities ranging from internships, service-learning projects, community service, and every possible expression of volunteerism, SUNY has been deeply embedded in the fabric of our communities. Now we are looking to take our success stories to scale by studying the best practices modeled across SUNY. And with several system-level initiatives—
including supporting signature campus-community engagement projects—we are knitting together our resources to create more cultural experiences, new opportunities to serve the greater good, and a deeper sense of place.

Every year, numerous SUNY campuses are listed on the Presidential Higher Education Community Service Honor Roll, which recognizes higher education institutions that reflect the values of exemplary community service and achieve meaningful outcomes in their communities. Making the 2012 honor roll were: University at Albany, Alfred State, Binghamton University, Buffalo State College, Cobleskill, Delhi, ESF, Fashion Institute of Technology, Monroe Community College, Morrisville, Old Westbury, Oneonta, and Stony Brook University. In addition, three SUNY colleges—Cortland, Geneseo, and Oswego—were named to the Honor Roll with distinction.

SUNY & WELL-BEING REPORT

In 2008, the Center for Research, Regional Education, and Outreach (CRREO), based at SUNY New Paltz, conducted a study to identify agreed-upon values and goals and to develop ways of measuring the mid-Hudson Valley’s social, economic, and environmental character. As part of the Vibrant Community initiative, SUNY commissioned CRREO to expand this study to all of New York State’s 62 counties and its 10 economic development regions. The counties and economic regions were categorized based on the presence and concentration of SUNY campuses.

A team made up of CRREO staff, New Paltz faculty and students, and a diverse group of community leaders created an index of eight indicators. Importantly, the data are derived from sources that can be easily updated—such as U.S. Census and state and county data systems.

The results of the study are currently being analyzed and will be released later in 2012. SUNY hopes the report will help inform the decisionmaking that impacts quality of life in communities, not only for SUNY campuses, but also for local government, community-based organizations, and economic development organizations—including the Regional Economic Development Councils (REDCs).

SUNY PASSPORT

Arts, culture, and recreation play a vital role in any vibrant community. The cultural, historic, artistic, and recreational institutions that call New York State home are as diverse as its citizenry. From national parks and monuments, to art galleries and museums, music halls and historic landmarks, New York truly has it all. Increasing access to these important cultural institutions is key to promoting economic development and retaining talent in New York State.

In Europe, many museums and other cultural institutions offer reduced admission rates to students attending colleges and universities, encouraging cultural exploration while students are still in their most formative years. With the rising price of higher education, students may find it increasingly difficult to afford to pay for cultural exploration. By offering reduced or free admission, institutions can whet the appetite of the future generation of museum-goers and park users, giving them a taste of what they can benefit from during their entire lives as engaged citizens.
EXPLORATIONS IN DIVERSITY AND ACADEMIC EXCELLENCE

The Explorations in Diversity and Academic Excellence initiative supports the goals of SUNY and the Vibrant Community with innovative programs that illuminate and strengthen the intersections between diversity and academic excellence for campuses and surrounding communities. Funded projects are selected for their potential to improve the campus climate, enhance access and student success, and create innovative curriculum and pedagogy. Many awards have led to ongoing conferences and symposia, film and speakers’ series, recruitment and retention of diverse faculty, and campus-community dialogues.

SUNY sees a major opportunity to offer a program for students and faculty that will increase access to cultural institutions at a free or reduced rate. The SUNY Passport aims to make available both on- and off-campus cultural resources to our constituents in a way that will promote and support the vibrant artistic, cultural, and recreational activities for which New York is so well known.

The key to SUNY Passport’s success involves the implementation of a smartphone application to engage students and members of the community. SCVNGR, a location-based application, will allow participants to track their experiences across the state.

This smartphone application will be free to users and available on iPhone and Android platforms. The software has been highly praised and ranked as one of the best location-based software companies on the market today. More than 700 colleges and universities use the software, but SUNY will be the first to take it to scale and organize “treks” across an entire state. And a new systemwide student ID code will make it easy for students to gain entrance to activities at other campuses.

SUNY Passport aims to bring the cultural vibrancy of each of our 64 communities to scale by sharing its benefits with the entire SUNY family.

DIVERSITY COUNTS

World premiere theater production during Buffalo State College’s 2011 Anne Frank Project of “I’m Not Leaving”, the story of Carl Wilkens, the only American to stay in Rwanda during the 1994 genocide. The Anne Frank Project is produced with support from SUNY’s Explorations in Diversity and Academic Excellence program.

SUNY Passport App
ENRICHING COMMUNITIES AND ACADEMICS WITH SERVICE-LEARNING

Volunteer work by our students, faculty, and staff is important, but it’s only the beginning. We are positioning SUNY as a national model for higher education citizenship, unleashing the problem-solving energy of our entire system on the challenges our communities face. We will collaborate with community representatives on each campus and across the state to identify their most pressing problems and create solutions that promote safe and livable neighborhoods, stable housing, and thriving workplaces. We’ll ensure long-term commitment by building our involvement into the courses and degrees of each SUNY campus. And we’ll gather, analyze, and share research and experiences in civic engagement, making the most of our combined knowledge.

Service-learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection. Its aims are to enrich the learning experience, teach civic responsibility, and strengthen communities. SUNY is developing a plan to expand the concept of academically based service. Service-learning is one of the best ways to integrate service to the community into the academic curriculum of a college.

Since the needs of each community differ greatly, as do available campus resources, SUNY’s approach to service-learning is grounded in a bottom-up model. Starting with a group of campuses, representing each sector, that currently engage in service-learning, we will collect data and best practices on how to best implement and institutionalize service-learning across SUNY. From the data collected, we will begin to map our assets and build a framework for success.

SUNY Retirees Service Corps Harnesses Wealth of Experience and Commitment

Retirees are an increasing force in our society; they are living longer, leading healthier lives, and enjoying more productive years than ever before. They have time, talent, and collectively possess many years of working experience. There are about 20,000 retirees from SUNY’s 64 campuses—with about 1,000 new retirees each year. Based on a 2010 survey of SUNY retirees, 75 percent continue to live in the community of the campus from which they retired, and 82 percent had engaged in some form of volunteerism or community service since retiring.

SUNY retirees represent a large and diverse pool of expertise and skills, age distribution, and racial and ethnic backgrounds. While several SUNY campuses have retiree organizations, the potential for retiree engagement has long been under-utilized. To help tap this rich resource, with leadership from the University Faculty Senate, in 2008 SUNY created a systemwide Retirees Service Corps (RSC). The RSC’s aim is to create a “retiree-campus-community” connection within and among SUNY campuses, and provide support to create campus-based retiree organizations and opportunities.

Whether it’s academic tutoring or mentoring for students, teaching a continuing education course, planning campus events, sitting on a board, or running a blood drive—retirees are already making tremendous contributions. Now, with a biannual statewide conference, a web-based system to connect retirees with service opportunities and a quarterly newsletter with profiles of retirees and resources for individuals and campuses, the Retirees Service Corps will continue to seek new ways for retirees to serve and enhance the quality of life in SUNY communities.

SUNY Experiential Learning Summit

In April 2012, we convened our first-ever meeting of service-learning leadership teams from across SUNY. These teams are made up of teaching faculty engaged in service-learning opportunities, academic affairs administrators, and campus service learning coordinators. Participants at the summit shared success stories, lessons learned, and best practices for opening doors to experiential learning. This meeting also provided a critical crosswalk between service-learning and the SUNY Works cooperative education initiative.
SUNY AND THE WORLD

In our increasingly global economy, SUNY’s graduates will compete with peers from all over the world. Our commitment is to provide them with the excellent technical, cultural, and linguistic preparation they will need to flourish in an international society. By internationalizing the campus environment and the classroom, and by making the opportunity for education abroad available to all, we will send out “global-ready” graduates whose efforts over the course of their careers will effectively secure New York State’s central role in the global economy.

SUNY can lay claim to many remarkable accomplishments in the field of international education—including the creation of the first dual diploma partnership with a foreign university system (in Turkey). We also have a significant international presence and a growing population of more than 18,000 international students on our campuses.

Now we are building rapidly on that record of achievement. With a transformative international recruitment initiative and efforts to expand international research and participation in study abroad programs, especially among underrepresented minorities, SUNY is taking its systemwide embrace of internationalization to the next level.

BUILDING OUR GLOBAL TALENT POOL

The enrollment of international students is one of the most effective ways to broaden perspectives in the classroom and to offer an international experience to students who do not travel outside of New York. It also helps us forge alliances between SUNY, New York State, and future leaders from around the world. In addition, international students have a positive economic impact on our institutions and our state as they fill seats made available by declining college-age populations in the northeast. Currently, their tuition and room-and-board dollars create a statewide impact of approximately two billion dollars. With increased international enrollments, SUNY seeks to further enhance our positive impact on New York’s economy.

SUNY launched our international recruitment initiative in fall 2011 with a SUNY Road Show in Vietnam, China, and India—part of a systemwide effort that includes voluntary participation from roughly half of the campuses, working collectively with a growing network of education agents worldwide. The objective of the initiative is to increase international enrollment from 18,000 in fall 2009 to 32,000 by fall 2017. By agreement with participating campuses, eight percent of the first year’s tuition paid by these international students will be redirected to a Global Reinvestment Fund, creating a pool of scholarship funds to enable more than 3,000 low-income SUNY students to study abroad each year by 2017. Additional monies from international tuition payments will fund faculty internationalization grants, bring scholars to SUNY from politically at-risk environments, and expand other important global services.
A key asset in SUNY’s commitment to increasing its global talent pool is the **SUNY Turkish Dual Diploma Program**, which offers more than two dozen bachelor’s degree programs through the participation of eleven SUNY campuses and seven Turkish universities. The program is managed in partnership with the Turkish Higher Education Council and enrolls more than 1,800 Turkish students each year. Students spend about half of their undergraduate program studying on a SUNY campus, and roughly half at the Turkish home campus. Nearly 1,000 students have graduated with both a Turkish university diploma and a SUNY degree. Annual economic impact from the SUNY Turkish Dual Diploma Program alone is estimated at nearly $15 million. Beyond the financial impact, SUNY study abroad numbers for programs in Turkey have grown. As local students have studied alongside Turkish students, many have become interested in studying there themselves. Even for those students who never leave New York, learning about engineering or international relations in a team or discussion group with students from Turkey serves as excellent preparation for a global career.

**SUNY IN THE WORLD – INCREASING EDUCATION AND RESEARCH ABROAD**

As our state and nation continue to integrate into the global economy, tomorrow’s graduates will enter a workforce that increasingly must cross borders on a regular basis. The experience of studying, and in some cases working, outside our borders is no longer a luxury for the elite or relevant only to language majors. Engineers, health care professionals, and teachers, to name a few, will need the global perspective afforded by an education abroad experience just to compete in their chosen careers.

SUNY’s coordinated approach to education abroad is an excellent illustration of **systemness at work**. By pooling the program management resources of 64 campuses and seamlessly transferring credit and tuition dollars, students from any SUNY campus can participate in any of our more than 600 programs in over 50 countries on all seven continents.

**Broader Access and Participation in Study Abroad**

Building on this success, we are committed to lowering barriers to study abroad for underrepresented groups, including racial and ethnic minorities, first-generation college attendees, community college students, students with disabilities, and LGBT students. To help reach this goal, SUNY has joined **The Diversity Network**, the leading professional consortium of higher education institutions, government agencies, and for-profit and non-profit organizations dedicated to advancing diversity and equity in international education. With resources available through the network and through specialized seminars, we are learning as a system how to identify hurdles to participation in study abroad for individuals from underrepresented groups—and how to break through those barriers to vastly increase exposure to international programs for these students.
SUNY Global is also enhancing opportunities for SUNY students to study abroad in more places and disciplines. The Chancellor’s Award for Internationalization (CAFI) provides students with meaningful academic experiences in settings that are profoundly different from the United States from a cultural, linguistic, academic, or in some cases, physical environment perspective. These programs offer faculty an opportunity to convey their unique understanding of specific destinations and cultures to students. Through CAFI, campuses are devising programs with innovative structure and content to enhance student learning goals while creating new opportunities for faculty to collaborate with overseas partners. CAFI is harnessing SUNY’s rich faculty international experience across the curriculum to benefit all SUNY students, while broadening study abroad and cross-cultural opportunities to include underrepresented destinations and academic disciplines.

DIVERSITY COUNTS

SUNY Global and the Office of Diversity, Equity, and Inclusion have teamed up to offer a series of Diversifying Education Abroad workshops aimed at study abroad and diversity professionals. Participants have discussed best practices for inclusive programming and financial aid resources for study abroad for historically underrepresented populations. The most recent workshop, held at the SUNY Global Center in May 2012, included a panel of SUNY students who spoke about their international educational experiences. Participants also went to breakout sessions to discuss specific barriers to study abroad for students who are ethnic/racial minorities, first generation, low-income, disabled, or LGBT.

Future events may include a systemwide conference and campus-based events that would be geared toward student participation.

LANGUAGE TEACHING FOR A CHANGING WORLD

One of the most important competencies of a global-ready graduate is fluency in a foreign language. That is why, in partnership with the Modern Language Association, SUNY is initiating Language Teaching and Learning for a Changing World—a dialog with language specialists across our system on evolving trends in foreign language study. We need to focus on fully preparing students to live and work abroad—and to collaborate with future colleagues around the world. Using the most innovative pedagogies and educational technologies, and harnessing the talent and expertise from our campuses, SUNY will be able to provide a broader, more coherent interdisciplinary curriculum for foreign-language learners to gain this critical proficiency.
Delivering on our Promise

THE CENTER FOR COLLABORATIVE ONLINE INTERNATIONAL LEARNING (COIL)

Originally spearheaded at Purchase College with SUNY System Administration support, and now located at the SUNY Global Center, the Center for Collaborative Online International Learning (COIL) develops online collaborative international courses at SUNY as a format for experiential cross-cultural learning, sensitizing participating students to the larger world by deepening their understanding of themselves, their culture, how they are perceived, and how they perceive others.

These globally networked courses also intensify disciplinary learning in fields where engaging other cultural perspectives is key. COIL builds bridges between study abroad, instructional design, and teaching faculty through courses taught by teams from different countries, thereby promoting, integrating, and enhancing international education experiences across the curriculum.

COIL is initiating an institution-wide adoption approach, where SUNY campuses engage in significant development of partnerships and curricular offerings using COIL pedagogical methodology to deliver globally networked learning opportunities to students. COIL’s innovative approach has been described as “virtual study abroad” because it provides students with the setting for meaningful cultural exchange mediated through the curriculum with counterparts in other countries.

THE UCOSMIC® CONSORTIUM

Managed by SUNY Global, the UCosmic Consortium is developing open-source, cloud-based solutions to allow research institutions to comprehensively map global engagement with relatively low up-front costs. UCosmic pulls data from diverse sources and presents it back in a way that can be easily mined by students, faculty, administrators, and the public to uncover relationships and opportunities. The UCosmic paradigm is designed to enable research institutions to become more entrepreneurial in their pursuit of global relationships. Partners currently include the College Board, the Institute of International Education, and universities from around the world. Implementation of UCosmic will enable SUNY campuses to strengthen existing activities and develop new ones. The result will be a comprehensive mapping of the university and all of SUNY’s global engagement, including student mobility, research collaboration, corporate activity, performance activity, and scholarship.

Instructor Eric Feinblatt at COIL’s Media Arts and Culture workshop in October 2011
All along, we’ve known that we can’t reach our big goals—and reach the level of academic excellence to which we aspire—without attending to the core infrastructure issues that scaffold all of SUNY’s work. Parallel to the Innovation Teams’ work, the Transformation Teams have moved forward on initiatives that address core infrastructure needs.

At least 16 core infrastructure needs were identified during Phase I, which were culled to seven in the implementation framework; these were fairly generic to the business of all universities, not necessarily specific to SUNY. But as we have moved forward, we continually work to refine core infrastructure issues into the key initiatives targeted to support the Six Big Ideas and leverage systemness.

TRANSFORMING SUNY’S IRON TRIANGLE

The concept of an “Iron Triangle” has been applied to a multitude of fields to describe situations in which there is a stable, self-reinforcing (though not necessarily desirable) triad of dynamics or conditions. SUNY has adapted this concept as an organizer to define the priority areas necessary to support the vision of The Power of SUNY, based on three mandates in higher education that often seem to exist in mutual conflict: controlling costs, increasing productivity, and ensuring access and completion. The model has also been envisioned as an equation: Controlling Costs + Increasing Productivity = Enhanced Access and Completion. Rather than a construct in which an institution is forced to choose between, say, cutting budgets and increasing access, the systemness paradigm requires us to take a more integrated look at the relationships and resources that can make it possible for these two goals to be achieved simultaneously.

While there is significant interaction among the three areas, they are useful in identifying and organizing the interdependent priority areas critical to reaching the goals of The Power of SUNY. Under each leg of the triangle are three sub-priorities, creating new teams linked with the Board of Trustees, System Administration, Implementation Teams, and other entities within SUNY engaged in related projects and initiatives.

CONTROLLING SUNY’S COSTS

SHARED SERVICES

To enhance the core academics and student services mission of our campuses, SUNY will reinvest $100 million annually from administration savings into instruction, delivery of courses, and hiring more faculty.

On June 15, 2011, the State University Board of Trustees adopted resolution 2011-063, entitled “Effective Resources Alignment through Shared Services.” That resolution authorized the Chancellor to direct the State-operated campuses “to collaboratively develop and implement strategies to improve efficiency, generate cost savings, build capacity, and increase resources available to the core academic and student service missions of campuses.” The intent of the resolution—to redirect resources generated through such cost-saving measures toward the University’s core academic and strategic missions—is in keeping with The Power of SUNY and our core values of collaboration and student centeredness.

Because SUNY’s campuses have done an outstanding job in the past five years managing the reductions in state funding, significant savings are not easily found at any individual campus. However, as a system we have located high-leverage opportunities not only to save resources but also to improve efficiencies and enhance services by working across the campuses and across the system, through strategic sourcing, IT transformation, innovative administrative services, regional transaction centers, and our Campus Alliance Network.
Strategic Sourcing

Working closely with the NYS Division of the Budget and the Office of General Services, we will use our combined buying power to generate savings in virtually everything SUNY purchases. We are improving over past efforts by ensuring coordination among everyone involved in the procurement process. Leadership, process controls, reporting, and accountability will be required to optimize savings while ensuring quality.

The rollout for the Strategic Sourcing initiative will tie into statewide procurement plans for fleet cars, office supplies, IT hardware and software, and lab supplies, as well as utilities, fuel, and building repairs. Additional SUNY-led initiatives will focus on hospital purchasing, equipment maintenance, advertising, and university-wide contracts, among other areas.

To maximize the impact of this strategic sourcing and ensure that we deliver on cost-saving contracts, SUNY is working closely with campus presidents, business officers, and campus wide leadership.

IT Transformation

Information Technology represents a significant set of opportunities for improving our efficiencies and services while reducing spending. In particular, automation will allow us to drive efficiencies in other areas. Without consistent systems and processes it would not be efficient or effective to create hubs or transaction processing centers.

SUNY will achieve these goals through streamlined student information systems, standardizing campus-based software, data warehousing, and data center consolidation.

For more information on SUNY’s plans for IT Transformation, see Systems Integration (page 49).

Transaction Processing Centers, Regional Hubs, Centers of Expertise

Transaction-based processes will provide improved service at a reduced cost for procurement, payroll, benefits, accounts payable, travel, and other basic administrative functions.

Cost effective, high-service, customer-focused centers of expertise will process transactions through a service-oriented regional hub or systemwide center, driving savings and improving efficiencies. Our centers will leverage the geographic footprint of the overall system and its strategic partners to deliver consistent, high-quality services at a competitive cost while still maintaining proximity to the customer where necessary.

Campuses will move beyond their traditional back-office functions, becoming more strategic in delivering services that solve end-to-end business problems, and by innovating to create overall business value in new ways: delivering upon continuous improvement, service enhancement, and cost reduction targets; enabling growth in existing and emerging markets without traditional investments in new facilities, infrastructure, or people; innovating services and solutions; and attracting and retaining top talent.

Campus Alliance Networks and Administrative Alliances

Launched in August 2011, the Campus Alliance Network brings campuses together to achieve savings, efficiencies, and improved services. Working together, the campuses establish their own plans, but as a system we benefit from successes and best practices. SUNY campus presidents and System Administration will collaboratively develop and implement regional SUNY Campus Alliance Networks, which will expand academic resources and course availability for students while increasing efficiency within the system.
Currently, two pairs of SUNY campuses have commenced a shared administrative leadership arrangement: Delhi/Cobleskill and SUNY IT/Morrisville. Additional savings and best practices will be generated through partnerships across the system. Though various partnerships have been discussed, it is expected that realignment will occur based on regional and campus needs and expertise.

SUNY campus presidents will develop plans to employ available resources more efficiently by sharing services on a sector, regional, or mission basis. Planning among campuses from all sectors is just beginning and, when complete, will identify specific opportunities to reduce and consolidate administrative services and collaborate on procurement procedures and academic offerings.

Cost savings generated by administrative reorganization will be redirected toward academic instruction and other student-support services. The extent to which services will be shared among alliance partners is expected to vary by campus and region. A systematic assessment will be completed through the Campus Alliance Network process to identify specific campus alliance opportunities in a range of areas, including student services, employee services, advancement, and academic affairs.

**ALLOCATING RESOURCES BASED ON PERFORMANCE**

To incentivize high achievement in areas critical to *The Power of SUNY*, we will allocate a percentage of the overall budget to be distributed to campuses that perform well according to specific metrics aligned with our strategic goals. This system will be straightforward, transparent, and tailored to individual campuses—so that they will be competing with themselves, not with each other.

Performance-based funding systems will catalyze changes and improve performance in key areas. Currently, SUNY’s funding model is largely based on students enrolled and cost of programs. With performance-based allocations, a portion of the overall SUNY operating budget will be allocated to the campuses based on indicators focusing on student-centeredness in areas such as graduation and retention, community engagement, diversity, integrity and collaboration, campus efficiencies, and partnerships, using the systemwide metrics laid out in the *SUNY Report Card*.

Led by the Finance and Administration Strategy Team (FAST), SUNY is in the process of designing a pilot program to implement a performance-based funding system for the 2012-13 academic year. The pilot phase will not tie funding distribution to campus performance but will enable SUNY to make modifications to measures and set clearer goals by tracking performance. Full implementation of performance funding will begin with the 2013-14 academic year, when the target funding pool will be distributed based on campus performance.

To help frame the initial phase of the performance funding system, we are starting with a limited number of measures selected to have the greatest impact in improving performance in targeted areas.

In addition to setting aside a specific portion of the budget for performance-based funding, we will orient our university-wide funding programs (often referred to as U-wides) to reward performance. For example, we have recently been able to reinvest funds to increase funding for the Educational Opportunity Program (EOP), and our research programs, such as the Empire Innovation Program, the Strategic Partnership for Industrial Resurgence (SPIR), the Collaborative Research Initiative Program, and High-Needs programs. Achievements in retention and graduation rates will be major factors in determining the allocation of additional EOP enrollment spaces. Research and High-Needs funding will be dispersed based on a campus’s past performance as well as on the quality of each proposal and on progress toward performance goals.
SYSTEMS INTEGRATION

In recent decades, devolution of administrative processes in the SUNY system led to each campus having the freedom to choose its own path for information technology (IT) resources. We are hard at work creating a plan for all SUNY campuses to operate on common IT data systems by summer 2013, and by summer 2014, these systems will be implemented across the board.

One of the most promising areas for cost savings can be found in information technology. The successful model for the sharing of SUNY’s existing systemwide technology services will expand to leverage savings opportunities achieved through collaboration and consolidation. In addition to savings, automation allows us to drive efficiencies in other areas. We will continue with the comprehensive assessment of the current IT landscape already underway, including a systems inventory, a detailed accounting of spending, and a detailed implementation plan for campuses.

Leveraging current systemwide services, we will develop an integrated system approach that streamlines and standardizes: student information systems and associated student data; campus-based software in such areas as degree planning and residence hall management; along with business intelligence and data warehousing. Campuses will utilize SUNY’s private and public cloud services, and data centers will be consolidated where appropriate. This will enable campuses to focus their valuable technical support services on the delivery of instruction and academic support for faculty and students.

The goal of this initiative is the development of a clear, concise, integrated approach for systems that will allow SUNY to operate far more efficiently as a system, as well as becoming a truly evidence-based institution capable of providing and analyzing systemwide data.

INCREASING SUNY’S PRODUCTIVITY

DELIVERING ON THE SIX BIG IDEAS

In the coming year SUNY will take its Report Card from a statement about accountability—the “you can hold us to it” promise—to a testament for progress and a tool for improvement.

SUNY will invest resources and look to external support as well for the major initiatives that flow out of the Six Big Ideas. The impact of those actions will then be assessed by the data collected in our enhanced, web-based Report Card, which will allow for deeper analysis and data manipulation to measure our progress.

We are in the process of building a prototype platform that will allow users to drill down on three initial metrics: graduation rates, research expenditures, and cost per student. Over time, we will increase the number of metrics available for analysis, with the ultimate goal of creating a real-time reporting system that captures the most current data available.

SUNY has a wealth of data at its disposal, but to become truly data-driven, we need a dynamic, highly interactive reporting system. The state-of-the-art infrastructure we are building will enable us to fulfill our promise of transparency and accountability, while allowing all SUNY stakeholders to evaluate our impact across the landscape of the Six Big Ideas.

Graduation Rates

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<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<td>63%</td>
<td>61%</td>
<td>62%</td>
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<tr>
<td>Transfer Bachelor’s Degree</td>
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<td>24%</td>
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<tr>
<td>First Time, Full-Time Associate’s Degree</td>
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<tr>
<td>Transfer Associate’s Degree</td>
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From Fall 2011 Report Card
ELIMINATING THE NEED FOR REMEDIATION

We will accelerate progress on increasing college-readiness and boost SUNY’s productivity by dramatically reducing the need for remediation over the next decade—principally by repairing the leaking education pipeline in collaboration with our P-12 partners, to align curriculum and create more effective remedial education.

Like the rest of the nation, New York faces a crisis in college readiness. Forty percent of the state’s high school graduates are unprepared or underprepared for college-level work. The numbers are even more alarming for underrepresented minorities, with less than 15 percent of African American and Hispanic graduates ready for college. The costs are staggering: SUNY spends $70 million annually to help students gain basic competencies to pursue a degree program—more than all state aid to SUNY’s technology campuses. But that figure does not begin to capture the full costs associated with remediation, including the immeasurable costs associated with countless students who never reach the finish line to a college degree.

SUNY has a tremendous stake in reducing the need for remediation, and the capacity to vastly improve its delivery. Since the mid-1970s SUNY community colleges have operated under Full Opportunity Plans (FOP), allowing for open admission of all students who hold a high school diploma or equivalent. Under FOP guidelines, colleges must provide remedial education to those students who are not adequately prepared for college-level work. Indeed, remediation and improving retention rates are top priorities for SUNY community colleges. This policy has provided a critical point of access to higher education in the state. Unfortunately, success and graduation rates are lower for students in remediation—and fall dramatically for students needing multiple remedial courses. Across SUNY’s community colleges, roughly half of all full-time students enroll in at least one remedial course, and some colleges report substantially higher rates.

In addition to recent high school graduates, SUNY provides remedial education—through its Educational Opportunity Centers as well as its community colleges—to many older, nontraditional students who attend college to gain new skills, study English as a second language, advance current careers, or begin new career paths.

SUNY has been working on many fronts to address this challenge through its initiatives under SUNY and the Seamless Education Pipeline, such as cradle-to-career networks, the SUNY Works cooperative education model, Early College High Schools, and enhanced teacher preparation programs. SUNY campuses also have a wide range of support programs in place for students needing remediation.

Now, to accelerate improved college-readiness among students in New York, SUNY is initiating a coordinated systemwide program using a three-pronged approach:

• Strengthening partnerships with K-12 schools and NYSED—making sure students are college-ready when they leave high school.

• Strengthening current remediation practices—focusing on improved student outcomes in first-year college-level courses.

• Developing a funding policy that promotes success—exploring the kinds of reforms that will be most cost-effective for students and campuses, provide effective incentives, and support better delivery of remedial courses and other services.

A newly created SUNY Task Force on Remediation will support this effort, focusing on SUNY’s community colleges, and working within partnerships that span the education pipeline.
Driving Readiness and Success with Data: New York’s P-20 Data System

To dramatically improve college readiness rates and radically reduce the need for remediation, we need better information about student progress—from early childhood through career. New York’s P-20 Longitudinal Data System, led by NYSED in partnership with SUNY, the Department of Labor, the Office of Children and Family Services, the Department of Health, and the Department of Taxation and Finance, will be a major asset in the campaign to track student progress and provide targeted interventions when and where they are needed.

With college- and career-readiness as its central driver, the P-20 Data System will cultivate a more unified system across the education pipeline, providing a platform for SUNY to collaborate more effectively with P-12 partners, NYSED, and local school districts to follow student progress not only from pre-K through post-secondary education, but eventually into the workforce, tracking a wide range of educational data, and ultimately using the data to set targets from which performance is measured.

SUNY’s participation in the development of the P-20 Data System will help us assess and improve the effectiveness of academic placement testing practices and remedial instruction—and require us to establish consistent, coherent definitions of remedial courses.

When complete, this four-year project will:

• Collect teacher and course data.
• Link P-12 and Higher Education data.
• Build a Data Portal and Instructional Reporting and Improvement System that helps teachers, school officials, and parents improve student achievement and close the achievement gap.
• Create an Early Warning System to help at-risk students.
• Link with other state agencies, state financial aid, vocational rehabilitation, and early childhood data systems.
• Improve data quality and overall system performance, with daily data verification and error checks for schools.
• Provide essential information for predictive analytics, which will help students make appropriate academic choices.

SUNY aims to capitalize on this powerful resource to support the P-12 partnerships that are key to re-envisioning remediation as we know it—as well as strengthening student mobility, degree completion initiatives, and all of our efforts with respect to building a seamless education pipeline.

P-20 Assessment Alignment: Key Strategies to Address the Remediation Challenge

As part of the Regents’ reform agenda, New York, like more than 40 other states, adopted the Common Core Learning Standards, which cover two subject areas: English language arts/literacy, and mathematics. These standards—developed in consultation with higher education and others, and benchmarked to international standards—attempt to define what public school students need to know in those areas to be ready for college or careers when they graduate from high school.

As New York’s schools prepare to teach to these new standards, NYSED is designing new assessments to help students, families and teachers track and improve students’ progress toward meeting the standards, and to inform school accountability and teacher evaluation systems. New York is playing a leading role in the Partnership for Assessment of Readiness for College and Careers (PARCC).
Readiness for College and Careers (PARCC), which is developing new assessments for about two dozen states. NYSED is also revising New York State exams, including Regents exams in English language arts, algebra, and geometry, to align them with the new standards. The Regents’ goal is for New York’s colleges and universities to accept a “college ready” score on a Regents or PARCC exam as indicating that a recent high school graduate is ready for the first college-level course in English and mathematics without needing remediation.

Since 2010 SUNY has been engaged in planning with NYSED and PARCC. In fall 2011, SUNY’s Chief Academic Officers met with NYSED and PARCC leaders to discuss the alignment of this work with SUNY’s Education Pipeline goals. SUNY faculty members also serve as members of the advisory panels that are designing the new assessments.

At the policy level, SUNY is committed to helping design the new assessments and participating in studies to evaluate whether the new assessments are valid for academic placement. In addition, SUNY is working with NYSED on a Common Core professional development program for college faculty in the liberal arts and sciences and teacher education, so that these faculty members can prepare future teachers to help all students meet the standards.

STRATEGIC ENROLLMENT MANAGEMENT: PREPARING NEW YORK’S FUTURE WORKFORCE

Critical to providing access to programs that prepare students for twenty-first century careers, and a powerful economic development tool for making sure the state has the right talent in the right places, comprehensive enrollment strategies advance campus goals while heightening the impact of systemness. In partnership with economic development officials and employers across New York, SUNY is mapping current academic resources and building capacity to meet workforce needs and drive growth and innovation in key industries.

While conventional enrollment management is associated with setting and meeting the goal of assembling a student body that comprises a predetermined and advantageous mix of students in terms of quality, number, and diversity in all its forms, **strategic enrollment management** is a far more dynamic task requiring an understanding of regional, national, and global contexts and future trends, as well as alignment with institutional mission. A shift to a strategic approach to enrollment can have an impact on every aspect of enrollment activities, including marketing, recruitment, tuition pricing, financial aid, student advising, and, of course, the mix of curriculum and degree programs offered.

To meet its productivity goals, SUNY needs a full picture of system capacity—by understanding individual campus programs and how they relate to the system as a whole. This requires analyzing transfer data and calculating the volume and demand for existing programs. Based on outcomes of this analysis, campuses may propose new programs, cancel programs, or develop collaborative ventures with other campuses—a process that will be facilitated by SUNY’s shared services infrastructure.

SUNY will also determine system and campus capacity for degree programs and students, using projections of high school graduates and transfer populations, in areas that support both the state’s workforce needs and the unmet educational needs of transfer students (who often find that their desired major is fully subscribed and either must choose another campus or change their aspirations for a particular major). This essential process requires an extensive examination of the capacity and use of SUNY’s educational facilities. Through the **Facilities Master Plans** (see page 54), we are matching available facilities with programmatic needs to determine which campuses have capacity that can be utilized or expanded at a reasonable cost.
The strategic enrollment management process enhances SUNY’s participation in the Governor’s Regional Economic Development Councils (REDCs), where SUNY is strengthening links between academic programs with New York’s workforce needs. By identifying and harnessing SUNY’s capacity in strategic industry clusters such as renewable energy, biotechnology, and nanotechnology, strategic enrollment will help ensure that SUNY is producing the graduates to fill jobs and drive innovation in these critical industries.

SUNY is analyzing labor statistics to determine program need, expanding on our successful “High-Needs” funding program to provide start-up funding for faculty and equipment. Campuses with the appropriate mix of programs to support a new program (or substantial expansion of an existing program) and facilities that do not require extensive investment will be encouraged to apply for the competitive funding.

Strategic enrollment management serves as a potent example of how SUNY can increase productivity and leverage its assets—not just for individual communities or regions, but as a coordinated economic engine that serves the state as a whole.

**SUNY’s Professional Science Masters Degree: Bringing Science and Business Together**

With funding from the Alfred P. Sloan Foundation, 15 SUNY campuses have created the Professional Science Masters (PSM), for science majors. These programs cover a broad range of science and technology disciplines, and combine a science-based curriculum with management, marketing, and other industry-relevant coursework, as well as an internship experience. Campuses plan these programs in partnership with the businesses and industries that provide internships and hire graduates. Participating campuses include Fredonia, Buffalo State, Buffalo University, Brockport, Oswego, ESF, Cortland, Cornell, Binghamton, SUNY IT, Oneonta, Albany, Empire State, Potsdam, and Plattsburgh. These promising programs are expected to continue and expand.
SUNY’S FACILITIES MASTER PLAN

A pivotal component of SUNY’s strategic enrollment initiative is its first-ever systemwide Educational Facilities Master Plan (FMP). The FMP identifies the projected ten-year capital facilities needs for each of SUNY’s 34 state-operated and statutory campuses as well as System Administration, and will translate this information into a systemwide approach to developing future SUNY multi-year capital plan funding requests.

The FMP analyzes a wide range of information and provides recommendations for facilities improvements. To support academic missions and strategic plans, the FMP reviews current space inventory and conditions, current and projected departmental enrollments, and compares formula-driven space need calculations with current space utilizations and projections of future campus-wide space needs. The FMP identifies opportunities for better use of existing space and buildings, as well as cataloging potential needs for new space and facilities.

This comprehensive facilities inventory coordinates space reassignment, building rehabilitation and expansion, facilities conversion, demolition, and new construction with the mission and strategic plans established by each SUNY College. The FMP will serve as each campus’s blueprint to identify, prioritize, structure, and sequence future capital projects—all of which will facilitate timely requests for capital funding and keep project timelines on schedule.

The timing and scope of this innovative planning process reflect SUNY’s evolution in its approach to capital planning for the campuses. Over the decades, SUNY’s planning and funding decisions have moved from a centralized, year-at-a-time process to a campus-driven, multi-year process—helping to provide each campus with a targeted methodology for advancing future capital plans.

Execution and delivery of the FMP has been phased in groups of seven to ten colleges, with individual consultants selected for each. The typical length of the FMP effort for each campus is 18 months. The first group of FMPs started in the summer of 2009 and the last group was completed in early 2012. Individual campus FMPs will also feed in to the 2013 SUNY Capital Plan budget request in fall 2012. Further information on the immediate history of the SUNY Educational Facilities Capital Plan and plans for the future can be found in the Appendices, pages 111-113.

While the FMPs will provide each campus with a powerful roadmap to plan its future capital facilities improvements, the hallmark of this process is its alignment with strategic enrollment management, academic priorities, space assessments, and accurate projections of future capacity and needs. Recognizing that circumstances may change, the final FMPs are designed for flexibility—to help SUNY evaluate and modify components as necessary to support future systemwide priorities.
ENSURING ACCESS AND COMPLETION

CONNECTING THE TRANSFER DOTS

Because seamless transfer between SUNY campuses is a key strategy in SUNY’s access and completion agenda, we will build on a record of achievement with mobility policies that help students shorten their time to degree, save money, and join the workforce sooner. Ultimately, all students who exit SUNY community colleges with an AA or AS will be ready to transfer, fully credited to our baccalaureate institutions.

Each year, nearly 27,000 students transfer from one SUNY campus to another. While the majority of students transfer from SUNY’s 30 community colleges to SUNY four-year colleges and universities, many students transfer from one community college to another, one four-year institution to another and even from four-year institutions to community colleges. Data continue to show that transfers from SUNY’s community colleges fare exceptionally well at our upper-division institutions, often outperforming those who began their education at these institutions as freshmen. Independent colleges also actively recruit and welcome SUNY community college graduates.

Because the path to a four-year degree begins with increasing frequency at a two-year institution, SUNY’s 30 community colleges are critical to the success of our mobility initiatives. Community colleges have evolved into centers of innovative regional cooperation, with a built-in agility to respond quickly to workforce needs. SUNY is working to harness and build on these strengths as community colleges play a growing role in our access, completion, and economic development goals.

Today, students with an AA or an AS degree who are accepted into a parallel program by a SUNY baccalaureate institution will be granted full junior status and have the opportunity to complete their degree within the same timeframe as students who matriculate as freshmen.

The State University General Education Requirement (SUNY-GER) assures seamless transfer of 30 credits of general education courses among SUNY institutions. Transfer students from SUNY campuses take with them—as a supplement to the official transcript—the General Education Transcript Addendum (GETA), which specifies the SUNY-GER categories already completed and associated course work.

To put transfer students on an even footing with classmates who began their studies at four-year campuses, the SUNY Student Mobility Project identified parallel programs for transfer of AA or AS degrees to state operated campuses and the common lower division courses taken in the most highly enrolled majors. These guaranteed course groupings are known as the SUNY Transfer Pathways.

Three hundred two- and four-year faculty in various disciplines developed common course descriptions for the pathway courses, with campuses identifying the courses that fit these descriptions. The corresponding equivalencies are stored in a business intelligence database on the SUNY website as a resource for campus faculty and staff, greatly reducing the time and effort necessary for evaluation of a transfer student’s transcript. Courses meeting these descriptions are guaranteed to transfer in the major designated. Efforts are under way to expand the project to the remaining majors across the university.

Additional resources for campuses and students include an appeal process for campuses regarding courses fitting the common course descriptions, and an appeal process for students who have issues with the assignment of transfer credit. A systemwide project has put in motion the implementation of a product called DegreeWorks, a degree audit and transfer planning tool. This tool will be a big leap forward for students and their advisors to monitor progress toward degree completion by viewing exactly which courses they need to take at which campuses, and to plan accordingly. They will be able to compare their proposed coursework at up to three campuses at a time and to evaluate their transfer options.
Moving forward, the Transfer Mobility initiative will focus on:

- Reviewing curriculum transferability, with definition and designation of AA and AS degree programs that are truly seamless.
- Recognizing transfer-supportive practices and programs across SUNY institutions.
- Implementation of the Degree Audit and Planning initiative.
- Addressing “credit creep” and clarifying academic policy regarding credit requirements.
- Completing a student mobility pathways architecture and mapping to campus requirements.

OPENING THE DOOR TO ONLINE EDUCATION

Online education represents an immense equalizer and a powerful vehicle to increase access and completion. But as in other areas, SUNY’s online learning system is distributed—so we will put our best practices and systemness to work to create Open SUNY, a very competitive online environment.

SUNY has been a pioneer in distance learning since the early 1970s through Empire State College. In 1995, SUNY System Administration, Empire State College, and several campuses in the Mid-Hudson Valley launched the SUNY Learning Network (SLN), with funding provided by the Sloan Foundation. The SLN now provides a complete support infrastructure of faculty training and course development, course management software and server infrastructure, and student and faculty help-desk services. It also provides marketing, promotion, and program management services to participating campuses.

Over the past decade, online learning has evolved from a mechanism to provide learning at a distance to a diverse set of technologies including face-to-face, blended, and fully online courses and programs. Every aspect of instruction is now infused with technologies and practices that allow students and faculty to interact in web-based environments. Today’s students expect to have access to their course materials, classmates, and faculty from devices they carry in their pockets.

SUNY has worked to keep pace with the changes and challenges brought on by the expansion of the Internet, the explosion of multimedia digital content, and proliferation of laptops, smartphones and tablets. SUNY campuses continue to grow their online course and program offerings, and increasingly look to online summer and winter sessions to provide students additional opportunities to earn credits toward their degrees.

Now SUNY is committed to coordinating and scaling up these resources into a systemwide, state-of-the-art online portal, tapping into the combined strengths of SLN and Empire State College, our leading institution in online learning, to develop Open SUNY. This online educational ecosystem will provide SUNY students with far greater access to the wealth of learning opportunities available across SUNY and present a centralized common database of course offerings to allow a student to match needs with online courses throughout the system.

Open SUNY has the potential to be the nation’s most extensive distance-learning environment, connecting students with faculty and peers from across the state and throughout the world—and giving them access to the best in open educational resources. Using a combination of online courses, an expanded YouTube channel, and an increased presence on iTunes U, Open SUNY will be launched in time for the fall 2013 semester.

In addition, the SUNY Learning Commons will provide a “network of networks” to allow students, faculty, and staff to build systemwide relationships and connect with resources that will promote learning, research, and collaboration.

The Innovative Instruction Technology Grants will be a series of competitive grants that SUNY faculty and staff may apply for. These grants will help spur innovative instructional activities by providing funding for conferences and workshops, collaborative
curriculum development, research, and matching grants. Innovative Instruction Grants will be openly administered through the SUNY Learning Commons and awardees will be required to contribute the output of their work in the Commons.

The SUNY Digital Concierge will augment the Learning Commons with a personalized user interface that compiles an extensive knowledgebase of University contacts, policies, procedures, and web sites and assists users of the Commons to find the information they need.

An enhanced SUNY Center for Professional Development (CPD) will greatly expand opportunities for faculty and staff to participate in training and development activities that support innovative teaching and learning, leadership, scholarly exchange, assessment, accreditation support, and academic initiatives.

The SUNY Center for Applied Research in Learning and Teaching (SCARLET) will be a forum for scholarly exchange and collaborative research to help ensure teaching and learning are informed by current relevant research.

The Chancellor’s Online Education Advisory Group held its inaugural meeting in April 2012, and has set forth an ambitious workplan focused on the design, vetting, and implementation of Open SUNY.

TURNING ACCESS INTO COMPLETION

The success of *The Power of SUNY*—and our ability to contribute to the national goal of 60 percent of the 25-34 year old population having a postsecondary award by 2020—requires radically improving New York’s dismal statistics on college readiness and completion. However, to accelerate success and measure our progress, SUNY needs to identify specific targets, and the kinds of data that represent progress toward completion.

To drill down on completion rate targets and prioritize its efforts on the ground, SUNY will integrate the information that emanates from other initiatives such as student mobility and remediation. We will also look at national databases for guidance in the collection of data, and establish appropriate measures and goals for each campus, which can be rolled up and reported by campus, region, sector, or system levels.

It is important to note that there is no one-size-fits-all definition of “completion.” In a system as diverse as SUNY, measures need to be thoughtfully designed to capture the varied and complex dimensions of student success—completion within the context of an individual student’s objectives. For example, a student who transfers from a community college to a four-year institution without completing an associate degree, but who completes a baccalaureate degree at the receiving campus, is counted as a non-completer at the community college under current national definitions, and is not counted at all at the four-year campus. Seen more holistically, this student has successfully completed a college degree and achieved her objective. This, among many other instances, calls for a more nuanced approaches that link students’ pathways with completion data.

The development of completion rate targets will be supported by SUNY’s student information systems and campus-level initiatives that track student progress and use early warning systems to alert staff and faculty when student persistence is likely to be compromised. These efforts will provide evidence about the kinds of interventions that are needed, as well as the impact of applying those interventions.

Examples of efforts that will help SUNY reach its targets, once established, include:

- Using new, online Degree Planning and Audit tools to (1) help students and their academic advisors plan efficient degree pathways for each student at the student’s first institution or transfer campuses; and (2) help campuses schedule courses to match students’ plans for timely degree completion.
- Developing a robust and comprehensive portal to SUNY’s online course offerings so that students can easily find the courses at any SUNY campus that they need to complete their degrees.
- Finalizing a University-wide policy that would permit a student to cross-register at another SUNY campus when a course needed for timely degree completion is not available at the students’ home campus.
The Power of SUNY

- Promoting the use, and studying the impact, of “early warning” systems that (1) identify students whose progress to a degree may be at risk; and (2) use interventions to help students get back on track to a degree.

SUNY is also engaged in statewide and national initiatives that advance our access and completion agenda, among them Access2Success and Project Win-Win.

**Access2Success:**
SUNY is one of 24 public college and university systems participating in Access2Success (A2S), a project of the National Association of System Heads (NASH) and the Education Trust. Members of this consortium have pledged that their enrollment will reflect the racial/ethnic and income characteristics of their state’s college-aged population and that by 2015 they will cut in half the gap in college enrollment and degree completion that separates low-income students and students of color from others.

In a 2009 A2S report, SUNY had the highest six-year graduation rate among participating systems for low-income freshmen. Notably, the report highlights that several SUNY campuses do an exceptional job of serving underrepresented minority students. And the most recent A2S report (2010) indicates that SUNY continues to build on its record of success, making gains in virtually every measure of minority enrollment and degree completion—from the number of underrepresented minority freshmen and transfers, to degrees granted to underrepresented minorities at both two-year and four-year campuses.

**Project Win-Win: Helping Students Cross the Finish Line**
In partnership with the Institute for Higher Education Policy (IHEP) and the State Higher Education Executive Officers (SHEEO), and funded by the Lumina Foundation for Education, SUNY is part of Project Win-Win, an initiative to find former students who are no longer enrolled anywhere and have never been awarded any degree, whose records qualify them for associate degrees, and get those degrees awarded retroactively. Simultaneously, this effort will identify former students who are “academically short” of an associate’s degree by no more than nine credits, and seek to bring them back to complete the degree.

SUNY’s Degree Planning and Audit tools will support this effort by helping these students find the best pathways to re-enter and complete their degree programs, including through “reverse transfer”—transferring courses taken at a four-year institution back to the original community college to fulfill the requirements of an associate’s degree program.
In the mid-1960s, education leaders in New York State recognized the need to provide greater educational access for historically underrepresented groups. This growing awareness was reflected in SUNY’s 1964 Master Plan, which called for new opportunities in higher education for disadvantaged students.

In 1965, the Black and Puerto Rican Caucus of the New York State Legislature pushed successfully for an initiative at City College at the City University of New York (CUNY) called Search for Education, Elevation, and Knowledge (SEEK), to create greater educational access for low-income students. SEEK’s success led Assemblyman Arthur Eve to propose legislation that would bring this model to the State University. With bipartisan support from the Legislature and Governor Rockefeller, the program was included in the state budget, with $500,000 to set up a pilot program at Buffalo State College.

In the fall of 1967, 249 students were enrolled in SUNY’s version of SEEK. The following year, Assemblyman Eve was able to secure increased funding to expand the program to ten campuses; it was renamed the Educational Opportunity Program (EOP). In 1970, New York State Education Law §6452 formally established the provisions of the Educational Opportunity Program in the State University of New York, and 30 campuses had enrolled more than 4,600 opportunity students.

Administered by SUNY’s Office of Opportunity Programs, there are currently 9,000 EOP students studying at 43 SUNY campuses. The program has seen more than 60,000 graduates over the past 45 years, most of whom were the first in their families to attend college.

EOP expands access and success by extending admission to students who have the ability to succeed in college but whose life circumstances have not permitted them to achieve at the level of their potential. Student success is supported through academic skill development, tutoring, workshops, specialized academic guidance, counseling and advisement, and financial assistance. Summer programming for pre-freshmen helps ease the transition to college—with orientation days, and, at some campuses, up to six weeks intensive preparatory studies. Available primarily to full-time, matriculated students, the program supports students throughout their college careers at SUNY.

Thanks to its highly structured programming, deep level of engagement, and dedicated staff, EOP’s track record has been impressive: recent analysis of EOP student success rates shows a first year retention rate of 87 percent and an overall graduation rate of 60.6 percent, with students at University Centers graduating at a rate of 66.8 percent.

This record of achievement is why EOP is held up across SUNY—and around the nation—as a model program. SUNY hopes to expand on EOP’s success in its systemwide efforts to expand access and success and to help eliminate the need for remedial education.

EOP was also an early experiment in systemness—as a program that started at one campus and then was scaled to a systemwide initiative, setting a precedent for state budget items for SUNY programs that serve the entire University rather than one campus in particular.
ASSESSING OUR PROGRESS:
By the Numbers

Moving forward, SUNY will continue its disciplined approach to implementing The Power of SUNY with an ongoing dedication to measuring our progress. As we have discussed, the next SUNY Report Card (September 2012) will feature expanded interactivity and capabilities for deeper data analysis. This Report Card will also include SUNY’s first systemwide targets, tied to metrics that measure performance in high-leverage priority areas. Establishing these targets will take SUNY’s commitment to being accountable and data-driven to the next level—setting our sights high and answering for our aspirations.

At the same time, SUNY will refine and roll out new initiatives that support the Six Big Ideas, drill down on Cost, Productivity and Access and Completion, and explore the theme of systemness with our second annual conference: “Harnessing Systemness, Delivering Performance: Charting a New Path for Higher Education” (November 8-9, 2012). All of this work will underscore SUNY’s pledge to continuously improve and evaluate our progress.

A SHARED VISION OF NEW YORK’S FUTURE

Throughout the strategic planning and implementation process, SUNY has worked hard to reach out to a wide range of stakeholders and to communicate SUNY’s ability to maximize its impact on the state’s economic revitalization efforts. Governor Andrew Cuomo’s vision and plans for New York’s future resonate deeply with SUNY’s Six Big Ideas and our dedication to working closely with leaders at the community, regional, and statewide levels. We are committed to continuing this very productive partnership with Governor Cuomo and New York through our work on Regional Economic Development Councils and by continually bringing the resources of our campuses and our system to the table. We will also persist in our dedication to enhancing relationships with other partners and colleagues in government, the P-20 education pipeline, business, industry, and community-based organizations.

CONCLUSION

SUNY is poised to make significant headway toward the goal of economic revitalization and enhanced quality of life for New Yorkers. The vision now in place is ambitious yet reachable, thanks to a disciplined approach to building and continuously improving the structures and systems that serve as the foundation for meeting the vision. But perhaps more important, SUNY’s institutional culture is shifting toward systemness—a new lens through which individuals, groups, and campuses begin to view all aspects of their work in the context of the resources, relationships and possibilities that exist within the whole of the SUNY enterprise.

This shift has been cultivated since the launch of the strategic plan, and is increasingly an integral part of every conversation, every policy decision, and every financial transaction. This ongoing transformation will be key to SUNY’s success. As systemness continues to permeate our work, we will increase our capacity to bring SUNY’s vast potential to scale for our students, our communities, and our state.
SUNY’s Master Plan 2012 and Beyond

Delivering on Our Promise

the Power of SUNY

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### Campuses

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment (Headcount)</td>
<td>467,991</td>
</tr>
<tr>
<td>Undergraduate Enrollment</td>
<td>427,403</td>
</tr>
<tr>
<td>Graduate Enrollment</td>
<td>40,588</td>
</tr>
<tr>
<td>State Operated Enrollment</td>
<td>220,324</td>
</tr>
<tr>
<td>University Centers</td>
<td>84,629</td>
</tr>
<tr>
<td>Other Doctoral</td>
<td>14,512</td>
</tr>
<tr>
<td>Comprehensive Colleges</td>
<td>92,783</td>
</tr>
<tr>
<td>Technology Colleges</td>
<td>28,400</td>
</tr>
<tr>
<td>Community College Enrollment</td>
<td>247,667</td>
</tr>
</tbody>
</table>

### Total Enrollment (Headcount)

- Undergraduate Enrollment: 427,403
- Graduate Enrollment: 40,588
- State Operated Enrollment: 220,324
- University Centers: 84,629
- Other Doctoral: 14,512
- Comprehensive Colleges: 92,783
- Technology Colleges: 28,400
- Community College Enrollment: 247,667

### Gender

- Female: 254,279 (54.3%)
- Male: 213,712 (45.7%)

### Student Diversity

<table>
<thead>
<tr>
<th>Category</th>
<th>Count (Percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minority Enrollment</td>
<td>114,251 (24.4%)</td>
</tr>
<tr>
<td>Black Non-Hispanic</td>
<td>43,861 (9.4%)</td>
</tr>
<tr>
<td>Hispanic</td>
<td>40,459 (8.6%)</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>22,371 (4.8%)</td>
</tr>
<tr>
<td>American Native</td>
<td>2,008 (0.4%)</td>
</tr>
<tr>
<td>Multi-Racial</td>
<td>5,552 (1.2%)</td>
</tr>
</tbody>
</table>

### SUNY Employees (Headcount)

<table>
<thead>
<tr>
<th>Category</th>
<th>Count (Full-Time %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty</td>
<td>33,354 (46.9%)</td>
</tr>
<tr>
<td>State Operated</td>
<td>18,855 (59.7%)</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>14,496 (30.2%)</td>
</tr>
<tr>
<td>Non-Faculty</td>
<td>54,456 (74.0%)</td>
</tr>
<tr>
<td>State Operated</td>
<td>43,063 (75.7%)</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>11,393 (67.3%)</td>
</tr>
<tr>
<td>System Administration</td>
<td>227</td>
</tr>
<tr>
<td>University-Wide Programs</td>
<td>268</td>
</tr>
</tbody>
</table>

### International and Out-of-State Students

#### Out-of-State

<table>
<thead>
<tr>
<th>Category</th>
<th>Count (Percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Operated</td>
<td>20,219 (4.3%)</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>5,914 (1.3%)</td>
</tr>
</tbody>
</table>

#### International

<table>
<thead>
<tr>
<th>Category</th>
<th>Count (Percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Operated</td>
<td>19,418 (4.1%)</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>3,419 (0.7%)</td>
</tr>
</tbody>
</table>

### Enrollment Trends (5-Year Growth 12%)

<table>
<thead>
<tr>
<th>Period</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>AY 11-12 (Headcount)</td>
<td>468,000</td>
</tr>
<tr>
<td>AY 06-07 (Headcount)</td>
<td>418,000</td>
</tr>
</tbody>
</table>

### Educational Opportunity Program

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment</td>
<td>9,140</td>
</tr>
<tr>
<td>State Operated</td>
<td>7,148</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>1,992</td>
</tr>
</tbody>
</table>

### Student Diversity

<table>
<thead>
<tr>
<th>Category</th>
<th>Count (Percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>3,319 (9.4%)</td>
</tr>
<tr>
<td>Hispanic</td>
<td>2,678 (8.6%)</td>
</tr>
<tr>
<td>Caucasian</td>
<td>1,531 (4.8%)</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>910 (2.6%)</td>
</tr>
<tr>
<td>Native American</td>
<td>114 (0.3%)</td>
</tr>
<tr>
<td>Multi-Racial</td>
<td>180 (0.5%)</td>
</tr>
</tbody>
</table>

Graduation Rate: 6-year (2004 cohort) 55.9%

### SUNY’s Capture Rate of New York State High School Graduates

- 40%

### Campus Proximity—Percent of New York State Population Living Within:

- 5 miles from a SUNY campus 50%
- 15 miles from a SUNY campus 93%
- 20 miles from a SUNY campus 97%
- 30 miles from a SUNY campus 99.8%

### SAT Scores (Averages)

<table>
<thead>
<tr>
<th>Category</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Operated</td>
<td>1155</td>
</tr>
<tr>
<td>University Centers</td>
<td>1209</td>
</tr>
<tr>
<td>Comprehensive Colleges</td>
<td>1098</td>
</tr>
<tr>
<td>United States Average</td>
<td>1011</td>
</tr>
<tr>
<td>New York State Average</td>
<td>984</td>
</tr>
</tbody>
</table>

### SUNY Learning Network Enrollment

- AY 2011-12 (est.) 150,000
- AY 2006-07 102,223
- AY 1995-96 119

### Graduation Rates

<table>
<thead>
<tr>
<th>Type</th>
<th>Count (Percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-Year SUNY</td>
<td>63.8%</td>
</tr>
<tr>
<td>National Public Universities</td>
<td>55.8%</td>
</tr>
<tr>
<td>National Private Universities</td>
<td>64.1%</td>
</tr>
<tr>
<td>5-Year SUNY</td>
<td>60.1%</td>
</tr>
<tr>
<td>National Public Universities</td>
<td>50.3%</td>
</tr>
<tr>
<td>National Private Universities</td>
<td>61.5%</td>
</tr>
<tr>
<td>4-Year SUNY</td>
<td>45.0%</td>
</tr>
<tr>
<td>National Public Universities</td>
<td>31.0%</td>
</tr>
<tr>
<td>National Private Universities</td>
<td>51.0%</td>
</tr>
</tbody>
</table>
**2012 SUNY FAST FACTS**

*Most recently available data, as of May 2012*

### Academic Program Count Total
- Undergraduate: 5,295
- Graduate: 2,047

### Degrees Granted
- **Total Degrees and Other Formal Awards (1949 to 2010-11)**: 3,199,378
- **2010-11 Academic Year Total**:
  - Undergraduate: 75,440
    - 4-year: 38,317
    - 2-year and Certificate: 37,123
  - Graduate: 14,205

### Alumni (Estimate, April 2012)
- Total Alumni: 2,739,307
- Alumni/Current NYS Residents: 2,227,056

### Continuing Education Enrollments
- **Total Registrations (AY 2009-10)**: 1,695,985
  - (of these, 719,540 supported business and industry)
- **Instructional Activities (courses)**: 114,866
  - (of these, 25,576 supported business and industry)

### Tuition Assistance Program (AY 2010-11)
- **Total Recipients**: 126,190 ($298.6 million)
- State-Operated: 66,760 ($176.4 million)
- Community Colleges: 59,430 ($122.3 million)

### Undergraduate Tuition & Fees (AY 2011-12)
- **State Operated**:
  - In-State Tuition: $5,270
  - Out-of-State Tuition: $13,380
  - Mandatory Fees (average): $1,235
- **Community Colleges**:
  - In-State Tuition (average): $3,703
  - Out-of-State Tuition (average): $7,657
  - Mandatory Fees (average): $496
- **Graduate Tuition and Fees**:
  - In-State Tuition: $8,870
  - Out-of-State Tuition: $15,160
  - Mandatory Fees (average): $963

### SUNY Research Foundation: Sponsored Program Administration - FY 2010-11 Data
- **FY 2010-11**: $940.5 million
- **5-Year Growth**: 5.4%
- **Direct Activity** (up 5.8% over 5 years): $794.9 million
- **Indirect Activity** ($145.6 million up 3.6% over 5 years):
  - Proposals: 5,350
  - Awards: 7,380
  - ARRA Awards (as of March 30, 2012): 396
  - Jobs Created from Federal Funding (STAR metrics): 6,155
  - Sponsors: 1,724
  - Employees: 17,209
  - Principal Investigators: 2,670

### Commercialization (FY 2009-10 Data)
- **Invention Disclosures (up 49% since FY 2000-01)**: 260
- **Patents Filed (up 59% since FY 2000-01)**: 189
- **Patents Issued (up 6% since 2000-01)**: 55
- **License Agreements Executed 2009-10 (up 28% since FY 2000-01)**: 50
- **Total License Agreements Generating Revenue (up 9% since FY 2000-01)**: 165

### Philanthropy
- **FY 2010-2011**: $250.8 million

### Price Indexes vs. Core Budget Growth (2000-01 to 2010-11)
- **SUNY Core Budget Growth (per student)**: 19.6%
- **Consumer Price Index**: 24.1%
- **Higher Education Price Index**: 35.6%

### Fiscal Information (2010-11)
- **All Funds Budget**: $11.5 billion
  - State Operated: $9.2 billion
  - Community Colleges: $2.3 billion
- **Total State Support**: $3.3 billion
  - (includes hospital subsidy of $128 million)
- **Core Instructional (State Operated)**: $2.4 billion
- **State Support**: $1.2 billion
- **Tuition**: $1.2 billion

### Economic Impact
For every state dollar received, SUNY generates $5 in total spending in NYS. The 2010-11 estimated all-funds budget of $11.5 billion, which includes $3.3 billion in state support, equals an estimated $16.7 billion total economic impact.
### SUNY REPORT CARD: A Competitive SUNY

For more information on these metrics and the data collected go to [www.suny.edu/powerofsuny/reportcard/](http://www.suny.edu/powerofsuny/reportcard/)

#### SUNY SUCCESS

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time-Full Time Bachelor's Degree</td>
<td>88%</td>
<td>n/a</td>
</tr>
<tr>
<td>Transfer Bachelor's Degree</td>
<td>76%</td>
<td>n/a</td>
</tr>
<tr>
<td>First Time-Full Time Associate's Degree</td>
<td>55%</td>
<td>n/a</td>
</tr>
<tr>
<td>Transfer Associate's Degree</td>
<td>75%</td>
<td>n/a</td>
</tr>
</tbody>
</table>

#### GRADUATION RATES

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time-Full Time Bachelor's Degree (6-year)</td>
<td>62%</td>
<td>63%</td>
</tr>
<tr>
<td>Transfer Bachelor's Degree</td>
<td>61%</td>
<td>62%</td>
</tr>
<tr>
<td>First Time-Full Time Associate's Degree (4-year)</td>
<td>23%</td>
<td>23%</td>
</tr>
<tr>
<td>Transfer Associate's Degree</td>
<td>24%</td>
<td>25%</td>
</tr>
</tbody>
</table>

#### RETENTION RATES

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time-Full Time Bachelor's Degree</td>
<td>83%</td>
<td>84%</td>
</tr>
<tr>
<td>Transfer Bachelor's Degree</td>
<td>77%</td>
<td>77%</td>
</tr>
<tr>
<td>First Time-Full Time Associate's Degree</td>
<td>61%</td>
<td>63%</td>
</tr>
<tr>
<td>Transfer Associate's Degree</td>
<td>56%</td>
<td>56%</td>
</tr>
</tbody>
</table>

#### CREDITS EARNED AT GRADUATION

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time-Full Time Bachelor's Degree</td>
<td>133</td>
<td>133</td>
</tr>
<tr>
<td>Transfer Bachelor's Degree</td>
<td>135</td>
<td>135</td>
</tr>
<tr>
<td>First Time-Full Time Associate's Degree</td>
<td>70</td>
<td>74</td>
</tr>
<tr>
<td>Transfer Associate's Degree</td>
<td>71</td>
<td>76</td>
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#### STUDENT/FACULTY RATIOS

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>State-Operated Campuses*</td>
<td>15.6:1</td>
<td>15.8:1</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>20.5:1</td>
<td>22.1:1</td>
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#### STUDENTS ENGAGED IN INTERNSHIPS AND COOPERATIVE EDUCATION

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application of students from historically underrepresented populations</td>
<td>39,000</td>
<td>40,000</td>
</tr>
<tr>
<td>Total Applications</td>
<td>143,000</td>
<td>133,000</td>
</tr>
<tr>
<td>Enrollment of students from historically underrepresented populations</td>
<td>22,000</td>
<td>23,000</td>
</tr>
<tr>
<td>Total Enrollment</td>
<td>122,000</td>
<td>128,000</td>
</tr>
<tr>
<td>STEM Degrees Granted</td>
<td>9,940</td>
<td>10,640</td>
</tr>
<tr>
<td>% of total degrees</td>
<td>12%</td>
<td>12%</td>
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</tbody>
</table>

#### STEM GRADUATES

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty</td>
<td>3,920</td>
<td>4,170</td>
</tr>
<tr>
<td>Students</td>
<td>5,290</td>
<td>5,290</td>
</tr>
<tr>
<td>Total Faculty and Students</td>
<td>9,210</td>
<td>9,460</td>
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</table>

#### TO SEARCH

<table>
<thead>
<tr>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESEARCH EXPENDITURES</td>
<td>Total</td>
<td>$ 849,961,000</td>
</tr>
<tr>
<td></td>
<td>Doctoral Campuses</td>
<td>$ 720,332,000</td>
</tr>
<tr>
<td>RESEARCH EXPENDITURES, PER TENURE OR TENURE-TRACK FACULTY</td>
<td>Total</td>
<td>$ 126,000</td>
</tr>
<tr>
<td></td>
<td>Doctoral Campuses</td>
<td>$ 255,000</td>
</tr>
<tr>
<td>NUMBER OF LICENSES EXECUTED</td>
<td>Faculty</td>
<td>49</td>
</tr>
<tr>
<td></td>
<td>Students</td>
<td>3,920</td>
</tr>
<tr>
<td></td>
<td>Total Faculty and Students</td>
<td>9,210</td>
</tr>
<tr>
<td>LIBRARY CIRCULATION AND E-RESOURCE DOWNLOADS*</td>
<td>Circulation</td>
<td>3,020,000</td>
</tr>
<tr>
<td></td>
<td>eResources</td>
<td>n/a</td>
</tr>
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</table>

* see Fall 2011 SUNY Report Card
## TO SERVE

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADUATES EMPLOYED IN NYS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEDIAN INCOME OF GRADUATES EMPLOYED IN NYS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIVERSITY CONTENT IN THE CURRICULUM AND COURSE OFFERINGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRADUATES IN SUPPORT OF NYS WORKFORCE NEEDS</td>
<td></td>
<td></td>
<td></td>
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</table>

### ANNUAL PROJECTED WORKFORCE NEEDS BY CLUSTER

<table>
<thead>
<tr>
<th>Cluster</th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back Office &amp; Outsourcing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomedical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications, Software &amp; Media Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distribution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronics &amp; Imaging</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fashion, Apparel &amp; Textiles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Financial Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Processing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forest Products</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front Office &amp; Producer Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Machinery &amp; Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Information Technology Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials Processing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miscellaneous Manufacturing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation Equipment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel &amp; Tourism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education, Training and Library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthcare Practitioners and Technical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>63,700</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AFFORDABILITY / COMPARATIVE DEBT OBLIGATIONS UPON GRADUATION*

<table>
<thead>
<tr>
<th></th>
<th>State-Operated</th>
<th>Community Colleges</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$20,920</td>
<td></td>
</tr>
</tbody>
</table>

### SYSTEM ENERGY CONSUMPTION

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BTU/F²)</td>
<td>140,565</td>
<td>134,941</td>
<td>(5,624)</td>
</tr>
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</table>

### PURCHASING POWER

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 2,868,450,000</td>
<td>$ 2,868,752,000</td>
<td>$ 19,700,000</td>
</tr>
</tbody>
</table>

### PATIENTS SERVED BY OUR HOSPITALS

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inpatient</td>
<td>67,000</td>
<td>70,000</td>
<td>3,000</td>
</tr>
<tr>
<td>Outpatient</td>
<td>1,077,000</td>
<td>1,088,000</td>
<td>11,000</td>
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</table>

### HOSPITAL AND CLINICAL EMPLOYMENT

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13,540</td>
<td>13,850</td>
<td>310</td>
</tr>
</tbody>
</table>

### MEDICAL STUDENTS (IN-STATE)

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>81%</td>
<td>82%</td>
<td>1%</td>
</tr>
</tbody>
</table>

---

* see Fall 2011 SUNY Report Card
## STUDENTS AND FACULTY

### STUDENT DIVERSITY

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL</td>
<td>439,500</td>
<td>461,400</td>
<td>21,900</td>
</tr>
<tr>
<td>White Non-Hispanic</td>
<td>286,800</td>
<td>289,100</td>
<td>2,300</td>
</tr>
<tr>
<td>All Minorities</td>
<td>90,600</td>
<td>95,600</td>
<td>5,000</td>
</tr>
<tr>
<td>Black Non-Hispanic</td>
<td>39,200</td>
<td>41,200</td>
<td>2,000</td>
</tr>
<tr>
<td>Hispanic</td>
<td>29,400</td>
<td>31,400</td>
<td>2,000</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>19,700</td>
<td>20,700</td>
<td>1,000</td>
</tr>
<tr>
<td>Native American/Alaskan</td>
<td>2,200</td>
<td>2,400</td>
<td>200</td>
</tr>
<tr>
<td>Non-Resident Alien</td>
<td>18,200</td>
<td>18,800</td>
<td>600</td>
</tr>
<tr>
<td>Unknown</td>
<td>44,000</td>
<td>56,000</td>
<td>12,000</td>
</tr>
<tr>
<td>ALL</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>White Non-Hispanic</td>
<td>65%</td>
<td>63%</td>
<td>-2%</td>
</tr>
<tr>
<td>All Minorities</td>
<td>21%</td>
<td>21%</td>
<td>0%</td>
</tr>
<tr>
<td>Black Non-Hispanic</td>
<td>9%</td>
<td>9%</td>
<td>0%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>7%</td>
<td>7%</td>
<td>0%</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>4%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>Native American/Alaskan</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
</tr>
<tr>
<td>Non-Resident Alien</td>
<td>4%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>Unknown</td>
<td>10%</td>
<td>12%</td>
<td>2%</td>
</tr>
</tbody>
</table>

### AVERAGE TIME TO DEGREE (IN YEARS)

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time Bachelor’s</td>
<td>4.5</td>
<td>4.5</td>
<td>0</td>
</tr>
<tr>
<td>First Time Associate’s</td>
<td>4.6</td>
<td>4.7</td>
<td>0.1</td>
</tr>
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</table>

### TIME TO EMPLOYMENT UPON GRADUATION

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students</td>
<td>18,200</td>
<td>18,800</td>
<td>600</td>
</tr>
<tr>
<td>Percentage</td>
<td>4%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>ALL</td>
<td>85,800</td>
<td>87,900</td>
<td>2,100</td>
</tr>
<tr>
<td>White Non-Hispanic</td>
<td>68,600</td>
<td>70,500</td>
<td>1,900</td>
</tr>
<tr>
<td>All Minorities</td>
<td>13,300</td>
<td>14,100</td>
<td>800</td>
</tr>
<tr>
<td>Black Non-Hispanic</td>
<td>6,900</td>
<td>7,000</td>
<td>100</td>
</tr>
<tr>
<td>Hispanic</td>
<td>3,000</td>
<td>3,100</td>
<td>100</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>3,200</td>
<td>3,600</td>
<td>400</td>
</tr>
<tr>
<td>Native American/Alaskan</td>
<td>300</td>
<td>300</td>
<td>0</td>
</tr>
<tr>
<td>Non-Resident Alien</td>
<td>3,900</td>
<td>3,300</td>
<td>-600</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>100</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td>ALL</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>White Non-Hispanic</td>
<td>80%</td>
<td>80%</td>
<td>0%</td>
</tr>
<tr>
<td>All Minorities</td>
<td>16%</td>
<td>16%</td>
<td>0%</td>
</tr>
<tr>
<td>Black Non-Hispanic</td>
<td>8%</td>
<td>8%</td>
<td>0%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>3%</td>
<td>4%</td>
<td>1%</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>4%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>Native American/Alaskan</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
</tr>
<tr>
<td>Non-Resident Alien</td>
<td>4%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
</tbody>
</table>

### FACULTY AND STAFF DIVERSITY

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>State-Operated</td>
<td>64%</td>
<td>64%</td>
<td>0%</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>54%</td>
<td>53%</td>
<td>-1%</td>
</tr>
</tbody>
</table>
## Appendices

### Financial Health

<table>
<thead>
<tr>
<th>Category</th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULLY LOADED COST PER STUDENT FTE – STATE-OPERATED*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$20,390</td>
<td>$20,260</td>
<td>(130)</td>
</tr>
<tr>
<td>Instruction</td>
<td>18,640</td>
<td>18,530</td>
<td>(110)</td>
</tr>
<tr>
<td>Instruction – Direct</td>
<td>10,290</td>
<td>10,140</td>
<td>(150)</td>
</tr>
<tr>
<td>Instruction – Administrative/Support</td>
<td>6,400</td>
<td>6,400</td>
<td>0</td>
</tr>
<tr>
<td>Instruction – Capital Expenditure</td>
<td>1,950</td>
<td>2,000</td>
<td>50</td>
</tr>
<tr>
<td>Research and Public Services</td>
<td>1,740</td>
<td>1,720</td>
<td>(20)</td>
</tr>
<tr>
<td>FULLY LOADED COST PER STUDENT FTE – COMMUNITY COLLEGES*</td>
<td>$8,800</td>
<td>$8,430</td>
<td>(370)</td>
</tr>
<tr>
<td>Instruction</td>
<td>8,770</td>
<td>8,400</td>
<td>(370)</td>
</tr>
<tr>
<td>Instruction – Direct</td>
<td>4,360</td>
<td>4,230</td>
<td>(130)</td>
</tr>
<tr>
<td>Instruction – Administrative/Support</td>
<td>4,120</td>
<td>3,990</td>
<td>(130)</td>
</tr>
<tr>
<td>Instruction – Capital Expenditure</td>
<td>290</td>
<td>180</td>
<td>(110)</td>
</tr>
<tr>
<td>Research and Public Services</td>
<td>30</td>
<td>30</td>
<td>0</td>
</tr>
<tr>
<td>PUBLIC SUPPORT PER STUDENT FTE*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State-Operated Campuses</td>
<td>$12,570</td>
<td>$11,830</td>
<td>(740)</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>5,180</td>
<td>4,750</td>
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SUNY REPORT CARD: Diversity Counts
Data reported for Academic Year 2009-10
For more information on these metrics and the data collected go to www.suny.edu/powerofsuny/reportcard/

**DIVERSITY COUNTS IN A COMPETITIVE SUNY**

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<td>Average Time to Degree (in Years)</td>
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* see Fall 2011 SUNY Report Card
## DIVERSITY COUNTS IN A COMPETITIVE SUNY (CONT.)

### DIVERSITY OF FACULTY AND STAFF

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<th>White Non-Hispanic</th>
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<th>Asian/Pacific Islander</th>
<th>Native American/Alaskan</th>
<th>Non-Resident Alien</th>
<th>Unknown</th>
<th>Two or More Races</th>
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<th>Female</th>
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<td>4%</td>
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<td>1%</td>
<td>&lt; 1%</td>
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## DIVERSITY COUNTS IN A COMPETITIVE NEW YORK

### SUNY AND THE ENTREPRENEURIAL CENTURY

#### GRADUATES IN STEM FIELDS BY GENDER AND ETHNICITY

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<th>Hispanic</th>
<th>Asian/Pacific Islander</th>
<th>Native American/Alaskan</th>
<th>Non-Resident Alien</th>
<th>Unknown</th>
<th>Two or More Races</th>
<th>Male</th>
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<td>11</td>
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<td>18</td>
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<td>5%</td>
<td>4%</td>
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<td>2%</td>
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<td>1,790</td>
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<td>78%</td>
<td>6%</td>
<td>5%</td>
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## SUNY AND THE SEAMLESS EDUCATION PIPELINE

**INTERVENTION STRATEGIES DEVELOPED FOR HISTORICALLY UNDERREPRESENTED AND ECONOMICALLY DISADVANTAGED POPULATIONS (Associated with our Strive Cradle-to-Career Sites)**

> WIP • Work in Progress • see Fall 2011 SUNY Report Card
### SUNY AND A HEALTHIER NEW YORK

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<th>Native American/Alaskan</th>
<th>Non-Resident Alien</th>
<th>Unknown</th>
<th>Two or More Races</th>
<th>Male</th>
<th>Female</th>
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<tr>
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<td>60</td>
<td>280</td>
<td>460</td>
<td>1,780</td>
<td></td>
</tr>
<tr>
<td>Master’s</td>
<td>980</td>
<td>570</td>
<td>120</td>
<td>30</td>
<td>80</td>
<td>2</td>
<td>70</td>
<td>60</td>
<td>130</td>
<td>800</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>240</td>
<td>170</td>
<td>12</td>
<td>3</td>
<td>15</td>
<td>1</td>
<td>19</td>
<td>25</td>
<td>80</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>First Professional</td>
<td>880</td>
<td>490</td>
<td>50</td>
<td>21</td>
<td>240</td>
<td>3</td>
<td>27</td>
<td>40</td>
<td>440</td>
<td>440</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>120</td>
<td>90</td>
<td>3</td>
<td>3</td>
<td>7</td>
<td>-</td>
<td>12</td>
<td>5</td>
<td>40</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>930</td>
<td>610</td>
<td>42</td>
<td>29</td>
<td>80</td>
<td>2</td>
<td>70</td>
<td>10</td>
<td>20</td>
<td>690</td>
<td></td>
</tr>
</tbody>
</table>

### SUNY AND AN ENERGY-SMART NEW YORK

- **Measure Campus-Based Programs Designed to Educate Low Income Families in Becoming Energy-Smart**

### SUNY AND THE VIBRANT COMMUNITY

- **Certified Diversity Counts Service-Learning Opportunities**

### SUNY AND THE WORLD

<table>
<thead>
<tr>
<th>International Students Studying at SUNY by Country of Origin</th>
<th>China</th>
<th>Korea, South</th>
<th>India</th>
<th>Canada</th>
<th>Turkey</th>
<th>Japan</th>
<th>Singapore</th>
<th>Taiwan</th>
<th>Czech Republic</th>
<th>Other Countries</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>2,950</td>
<td>2,720</td>
<td>2,560</td>
<td>1,100</td>
<td>1,020</td>
<td>790</td>
<td>1,020</td>
<td>660</td>
<td>220</td>
<td>5,780</td>
<td>18,800</td>
</tr>
</tbody>
</table>
### SUNY REPORT CARD: A Competitive New York

For more information on these metrics and the data collected go to [www.suny.edu/powerofsuny/reportcard/](http://www.suny.edu/powerofsuny/reportcard/)

#### SUNY AND THE ENTREPRENEURIAL CENTURY

<table>
<thead>
<tr>
<th>TOP LINE METRIC*</th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYS RESEARCH EXPENDITURES</td>
<td>$4,034,100,000</td>
<td>$4,224,500,000</td>
<td>$190,400,000</td>
</tr>
<tr>
<td>JOBS CREATED IN NEW YORK STATE</td>
<td>58,000</td>
<td>(237,100)</td>
<td>(295,100)</td>
</tr>
<tr>
<td>NEW YORK STATE AVERAGE WAGE</td>
<td>$60,384</td>
<td>$57,794</td>
<td>($2,590)</td>
</tr>
<tr>
<td>NATIONAL AVERAGE SALARY</td>
<td>$43,460</td>
<td>$44,410</td>
<td>$950</td>
</tr>
</tbody>
</table>

#### RESEARCH EXPENDITURES BY REGION

<table>
<thead>
<tr>
<th>Region</th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital</td>
<td>$294,137,000</td>
<td>$294,724,000</td>
<td>$587,000</td>
</tr>
<tr>
<td>Central NY</td>
<td>$53,700,000</td>
<td>$59,673,000</td>
<td>$5,973,000</td>
</tr>
<tr>
<td>Finger Lakes</td>
<td>$5,790,000</td>
<td>$5,847,000</td>
<td>$57,000</td>
</tr>
<tr>
<td>Long Island</td>
<td>$177,513,000</td>
<td>$203,319,000</td>
<td>$25,806,000</td>
</tr>
<tr>
<td>Mid-Hudson</td>
<td>$7,689,000</td>
<td>$7,182,000</td>
<td>($507,000)</td>
</tr>
<tr>
<td>Mohawk Valley</td>
<td>$5,902,000</td>
<td>$7,593,000</td>
<td>$1,691,000</td>
</tr>
<tr>
<td>New York City</td>
<td>$517,380,000</td>
<td>$56,941,000</td>
<td>$5,203,000</td>
</tr>
<tr>
<td>North Country</td>
<td>$11,252,000</td>
<td>$10,982,000</td>
<td>($270,000)</td>
</tr>
<tr>
<td>Southern Tier</td>
<td>$39,843,000</td>
<td>$43,848,000</td>
<td>$4,005,000</td>
</tr>
<tr>
<td>Western NY</td>
<td>$202,398,000</td>
<td>$201,090,000</td>
<td>($1,308,000)</td>
</tr>
</tbody>
</table>

#### JOBS CREATED THROUGH SPONSORED PROGRAMS USING STAR METRICS

<table>
<thead>
<tr>
<th></th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF INVENTIONS DISCLOSED</td>
<td>320</td>
<td>260</td>
<td>(60)</td>
</tr>
</tbody>
</table>

#### SUNY’S ENTREPRENEURIAL SUPPORT OF NEW YORK FIRMS WHO SAY THEY RECEIVE SUPPORT FROM SUNY

#### SUNY AND THE SEAMLESS EDUCATION PIPELINE

<table>
<thead>
<tr>
<th>TOP LINE METRIC*</th>
<th>2008-09 (BASE)</th>
<th>2009-10</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK STATE 9TH GRADERS WHO GRADUATE FROM COLLEGE IN A STANDARD TIME FRAME</td>
<td>19%</td>
<td>19%</td>
<td>0%</td>
</tr>
<tr>
<td>AVERAGE NEW YORK STATE UNEMPLOYMENT RATE</td>
<td>5.3%</td>
<td>8.4%</td>
<td>31%</td>
</tr>
<tr>
<td>SUNY URBAN-RURAL TEACHING CORPS*</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>SUNY WORKS</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NUMBER OF NY SITES QUALIFYING FOR MEMBERSHIP IN THE STRIVE NATIONAL CRADLE TO CAREER NETWORK</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NUMBER OF STUDENTS RECEIVING COLLEGE-LEVEL CREDITS IN EARLY COLLEGE HIGH SCHOOLS</td>
<td>193</td>
<td>192</td>
<td>-1</td>
</tr>
</tbody>
</table>
### SUNY AND A HEALTHIER NEW YORK

<table>
<thead>
<tr>
<th>TOP LINE METRIC</th>
<th>Development of the SUNY Institute for Health Policy and Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Right Health Professionals in the Right Places</strong></td>
<td></td>
</tr>
<tr>
<td>Needs Analysis</td>
<td></td>
</tr>
<tr>
<td>Producing More Well-Trained Health Professionals</td>
<td></td>
</tr>
<tr>
<td><strong>The SUNY Wellness Network</strong></td>
<td></td>
</tr>
<tr>
<td>Identify Wellness Issues by Executing a Behavioral Risk Factor Surveillance System</td>
<td></td>
</tr>
<tr>
<td>Number of Tobacco Free Campuses</td>
<td></td>
</tr>
<tr>
<td><strong>Develop the SUNY Scale</strong></td>
<td></td>
</tr>
<tr>
<td><strong>External Funding for the Four SUNY Reach Pillars</strong></td>
<td></td>
</tr>
<tr>
<td><strong>External Funding to Expand SUNY’s Health Policy Impact</strong> $4,637,500</td>
<td>$4,932,000</td>
</tr>
</tbody>
</table>

### SUNY AND AN ENERGY-SMART NEW YORK

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Increasing Quality Student Exposure to Energy-Smart Education</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Increasing Quality Energy-Smart Continuing Education and Job Training</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Energy-Smart Inventories Disclosures</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Energy-Smart Research</strong> $23,524,400</td>
<td>$42,722,000</td>
</tr>
<tr>
<td><strong>System Energy Consumption</strong></td>
<td></td>
</tr>
<tr>
<td>BTU/OGSF</td>
<td>140,565</td>
</tr>
<tr>
<td>MMBTU/AAFTE</td>
<td>61.97</td>
</tr>
<tr>
<td><strong>System Carbon Footprint (MTCO2E)</strong></td>
<td></td>
</tr>
<tr>
<td>Emissions per OGSF (KG/OGSF)</td>
<td>9.6569</td>
</tr>
<tr>
<td>Emissions per AAFTE (MTON/AAFTE)</td>
<td>4.2519</td>
</tr>
<tr>
<td><strong>SUNY Renewable Energy Production/Utilization (KWh)</strong></td>
<td></td>
</tr>
<tr>
<td>Produced</td>
<td>546,286</td>
</tr>
<tr>
<td>Utilized</td>
<td>39,523,786</td>
</tr>
</tbody>
</table>

### SUNY AND THE VIBRANT COMMUNITY

<table>
<thead>
<tr>
<th>TOP LINE METRIC</th>
<th>Community Well-Being Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>National Recognition of Campus Community Engagement</strong></td>
<td></td>
</tr>
<tr>
<td>Carnegie Elective Classifications for Community Engagement</td>
<td>1</td>
</tr>
<tr>
<td>President’s Higher Education Community Service Honor Roll</td>
<td>19</td>
</tr>
<tr>
<td><strong>Campus as Committed to Service Learning Plans and Signature Community Engagement Projects</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Quantifying the Impact of Volunteerism Performed by Students, Faculty, and Staff</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SUNY Passport Partners Recruited</strong></td>
<td>0</td>
</tr>
</tbody>
</table>

*WP = Work in Progress  * see Fall 2011 SUNY Report Card
## SUNY AND THE WORLD

<table>
<thead>
<tr>
<th>Top Line Metric*</th>
<th>2008-09 (Base)</th>
<th>2009-10</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New York State Exports (International)</strong>*</td>
<td>$81,386,000,000</td>
<td>$58,743,000,000</td>
<td>$(22,643,000,000)</td>
</tr>
<tr>
<td><strong>New York State Job Creation</strong></td>
<td>58,000</td>
<td>(237,100)</td>
<td>(295,100)</td>
</tr>
<tr>
<td><strong>New York State Average Wage</strong></td>
<td>$60,384</td>
<td>$57,794</td>
<td>$(2,590)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Students Enrolled in Foreign Language Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment</td>
</tr>
<tr>
<td>Introductory Undergraduate</td>
</tr>
<tr>
<td>Advanced Undergraduate</td>
</tr>
<tr>
<td>Postgrad Total</td>
</tr>
</tbody>
</table>

| Prestigious Externally Awarded International Scholarships for SUNY Students | 42 | 64 | 22 |

<table>
<thead>
<tr>
<th>Enrolment in Education Abroad</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Students</td>
</tr>
</tbody>
</table>

| Harnessing the Impact of International Students* | $378,952,000 | $406,802,000 | $27,850,000 |

<table>
<thead>
<tr>
<th>Building a Global Faculty Talent Pool: Number of International Fellowships to Faculty and Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Economic Impact of International Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Research expenditures as reported by The Research Foundation)</td>
</tr>
</tbody>
</table>

---

* See Fall 2011 SUNY Report Card

---

WP = Work in Progress
SUNY Campuses

COLLEGES OF TECHNOLOGY
Alfred State
Canton
Cobleskill
Delhi
Farmingdale
Morrisville

COMMUNITY COLLEGES
Adirondack
Broome
Cayuga County
Clinton
Columbia-Greene
Corning
Dutchess
Erie
Fashion Institute of Technology
Finger Lakes
Fulton-Montgomery
Genesee
Herkimer County
Hudson Valley
Jamestown
Jefferson
Mohawk Valley
Monroe
Nassau
Niagara County
North Country
Onondaga
Orange County
Rockland
Schenectady County
Suffolk County
Sullivan County
Tompkins Cortland
Ulster County
Westchester

COMPREHENSIVE COLLEGES
Brockport
Buffalo State
Cortland
Empire State
Fredonia
Geneseo
New Paltz
Old Westbury
Oneonta
Oswego
Plattsburgh
Potsdam
Purchase

UNIVERSITY CENTERS
University at Albany
Binghamton University
University at Buffalo
Stony Brook University

SPECIALIZED COLLEGES
College of Environmental Science and Forestry (ESF)
College of Optometry
Downstate Medical Center
Maritime College
SUNYIT
Upstate Medical University

STATUTORY/CONTRACT COLLEGES
NYS College of Ceramics at Alfred University
SUNY Colleges at Cornell University:
  Agriculture/Life Sciences
  Human Ecology
  Industrial & Labor Relations
  Veterinary Medicine

EDUCATIONAL OPPORTUNITY CENTERS
Bronx
Brooklyn
Buffalo
Capital District
Long Island
Manhattan
North Bronx Career Counseling and Outreach Center
Queens
Rochester
SUNY College and Career Counseling Center
Syracuse
Westchester
SUNY Leadership

BOARD OF TRUSTEES
H. Carl McCall, Chairman
Joseph W. Bellock
Tina Good
Ronald G. Ehrenberg
Stephen J. Hunt
Eunice A. Lewin
Marshall A. Lichtman
John L. Murad, Jr.
Kenneth P. O’Brien
Kevin Rea
Linda Sanford
Carl Spielvogel
Cary F. Staller
Gerri Warren-Merrick

SYSTEM ADMINISTRATION CABINET
Nancy L. Zimpher
Chancellor

David K. Lavallee
Executive Vice Chancellor & Provost

Johanna Duncan-Poitier
Senior Vice Chancellor for Community Colleges and the Education Pipeline

William F. Howard
Senior Vice Chancellor & General Counsel, Secretary of the University

Elizabeth L. Bringsjord
Vice Chancellor for Academic Programs and Planning & Vice Provost

Robert Haelen
Vice Chancellor for Capital Facilities & General Manager of the Construction Fund

Brian Hutzley
Vice Chancellor for Financial Services & Chief Financial Officer

Mitch Leventhal
Vice Chancellor for Global Affairs

Curtis L. Lloyd
Vice Chancellor for Human Resources

Kathleen Preston
Associate Vice Chancellor for Health Affairs

Kaitlin Gambrill
Assistant Vice Chancellor for Strategic Planning and University Advancement

Stacey Hengsterman
Assistant Vice Chancellor for Government Relations

Jennifer LoTurco
Assistant Vice Chancellor for External Affairs

Tina Good
President, Faculty Council of Community Colleges

Kenneth P. O’Brien
President, University Faculty Senate

Kevin Rea
President, SUNY Student Assembly
Appendices

SUNY Campus Presidents

COLLEGES OF TECHNOLOGY
John M. Anderson
Alfred State
Joseph L. Kennedy
Canton
Candace S. Vancko
Officer-In-Charge
Cobleskill
Candace S. Vancko
Delhi
W. Hubert Keen
Farmingdale
Bjong Wolf Yeigh
Officer-In-Charge
Morrisville
Randall J. VanWagoner
Mohawk Valley
Anne M. Kress
Monroe
Donald P. Astrab
Nassau
James P. Klyczek
Niagara County
Carol Brown
North Country
Debbie L. Sydow
Onondaga
William Richards
Orange County
Cliff L. Wood
Rockland
Quintin B. Bullock
Schenectady County
Shaun L. McKay
Suffolk County
William J. Murabito
Interim President
Sullivan County
Carl E. Haynes
Tompkins Cortland
Donald C. Katt
Ulster County
Joseph N. Hankin
Westchester

COMMUNITY COLLEGES
Ronald C. Heacock
Adirondack
Kevin E. Drumm
Broome
Daniel P. Larson
Cayuga County
John E. Jabionski
Clinton
James R. Campion
Columbia-Greene
Katherine P. Douglas
Corning
D. David Conklin
Dutchess
Jack Quinn
Erie
Joyce F. Brown
Fashion Institute of Technology
Barbara G. Risser
Finger Lakes
Dustin Swanger
Fulton-Montgomery
James M. Sunser
Geneseo
Ann Marie Murray
Herkimer County
Andrew J. Matonak
Hudson Valley
Gregory T. DeCinque
Jamestown
Carole A. McCoy
Jefferson
John Ettling
Plattsburgh
John F. Schwaller
Potsdam
Thomas J. Schwarz
Purchase

UNIVERSITY CENTERS
George M. Philip
University at Albany
Harvey G. Stenger, Jr.
Binghamton University
Satish K. Tripathi
University at Buffalo
Samuel L. Stanley, Jr.
Stony Brook University

SPECIALIZED COLLEGES
John C. LaRosa
Downstate Medical Center
Cornelius B. Murphy, Jr.
College of Environmental Science and Forestry
Wendi B. Carpenter, RADM, USN (Ret.)
Maritime
David A. Heath
College of Optometry
Bjong Wolf Yeigh
SUNYIT
David R. Smith
Upstate Medical University

COMPREHENSIVE COLLEGES
John R. Halstead
Brockport
Aaron M. Podolefsky
Buffalo State
Erik J. Bitterbaum
Cortland
Alan R. Davis
Empire State
Dennis L. Hefner
Fredonia
Christopher C. Dahl
Geneseo
Donald P. Christian
New Paltz
Calvin O. Butts, III
Old Westbury
Nancy Kieniewski
Oneonta
Deborah Flemma Stanley
Oswego

STATUTORY/CONTRACT COLLEGES
Linda E. Jones
Associate Vice President for Statutory Affairs, Alfred University
Head of the NYS College of Ceramics
Kathryn J. Boor, Dean
New York State College of Agriculture and Life Sciences at Cornell University
Alan Mathios, Dean
New York State College of Human Ecology at Cornell University
Harry C. Katz, Dean
New York State School of Industrial and Labor Relations at Cornell University
Shared Governance

UNIVERSITY FACULTY SENATE EXPANDED EXECUTIVE COMMITTEE 2011-12*

Kenneth P. O’Brien
President
SUNY Brockport

Norman Goodman
Vice President/Secretary
Stony Brook University

Sharon Cramer
Parliamentarian
(Emeritus)
Buffalo State College

Edward Feldman
Health Science Centers
Stony Brook University

Karen Spellacy
Colleges of Technology
SUNY Canton

Peter Knuepfer
University Centers
Binghamton University

Jim McElwaine
University Colleges
Purchase College

Ron Sarner
Specialized/Statutory Colleges
SUNYIT

Elizabeth L. Bringsjord
SUNY System Administration

Stacey Hengsterman
SUNY System Administration

Howard Reid
Campus Governance Leader Convener
Buffalo State College

Bulletin Editors

Joe Hildreth
SUNY Potsdam

Norm Goodman
Stony Brook University

Past President

Carl Wiezalis
(Emeritus)
Upstate Medical University

Standing Committees – Chairs

Phil Ortiz
Diversity
Empire State College

Charles Moran
Ethics
SUNY Cobleskill

Rochelle Mozlin
Governance
College of Optometry

Shadi Shahedipour Sandvik
Graduate
University at Albany

Ed Warzala
Operations
Empire State College

Janet Nepke
Programs & Awards
SUNY Oneonta

Barbara Brabetz
Student Life
SUNY Cobleskill

Joy Hendrick
Undergraduate
SUNY Cortland

STUDENT ASSEMBLY EXECUTIVE COMMITTEE 2012-13

Kevin Rea
President
Maritime College

Nicole Williams
Vice President
University at Albany

Samantha Kloeckener
Secretary
Stony Brook University

Bryan Meyers
Treasurer
University at Albany

*2012-13 election to be held July 2012
## Strategic Plan Advisory Committees

### STRATEGIC PLANNING STEERING COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary Adams</td>
<td>President, New York Community College Trustees</td>
</tr>
<tr>
<td>Kaitlyn Beachner</td>
<td>President, SUNY Student Assembly and SUNY Board of Trustees, Student Representative, Buffalo State</td>
</tr>
<tr>
<td>Gerald Benjamin</td>
<td>Director, Center for Research Regional Education and Outreach Distinguished Service Professor, SUNY New Paltz</td>
</tr>
<tr>
<td>Sara Brenner</td>
<td>Assistant Professor of Nanobioscience College of Nanoscale Science and Engineering, University at Albany</td>
</tr>
<tr>
<td>Kevin Bretscher</td>
<td>Graduate Representative, SUNY Student Assembly, Graduate Student, University at Albany</td>
</tr>
<tr>
<td>Ray W. Cross</td>
<td>President, SUNY Morrisville</td>
</tr>
<tr>
<td>Johanna Duncan-Poitier</td>
<td>Chancellor’s Deputy for the Education Pipeline and Vice Chancellor for Community Colleges, SUNY System Administration</td>
</tr>
<tr>
<td>Damian Fernandez</td>
<td>Provost, Purchase</td>
</tr>
<tr>
<td>Thomas Gais</td>
<td>Director, Rockefeller Institute of Government, University at Albany</td>
</tr>
<tr>
<td>Julie Gondar</td>
<td>President, SUNY Student Assembly and SUNY Board of Trustees, Student Representative, University at Albany</td>
</tr>
<tr>
<td>Tina Good</td>
<td>President, Faculty Council of Community Colleges</td>
</tr>
<tr>
<td>Milton Johnson</td>
<td>Chairperson, Visual and Performing Arts, Finger Lakes Community College</td>
</tr>
<tr>
<td>David Lavallee</td>
<td>Executive Vice Chancellor and Provost, SUNY System Administration</td>
</tr>
<tr>
<td>Karen Markoe</td>
<td>Distinguished Service Professor, Chair, Humanities, Maritime College</td>
</tr>
<tr>
<td>Melody Mercedes</td>
<td>President, SUNY Student Assembly and SUNY Board of Trustees, Student Representative, University at Buffalo</td>
</tr>
<tr>
<td>Matt A. Morgan</td>
<td>President, Association of Council Members and College Trustees of SUNY (ACT)</td>
</tr>
</tbody>
</table>

### Strategic Plan Advisory Committees

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenneth O’Brien</td>
<td>President, SUNY Faculty Senate, Member, SUNY Board of Trustees</td>
</tr>
<tr>
<td>John O’Connor</td>
<td>Vice Chancellor and Secretary of the University, SUNY System Administration</td>
</tr>
<tr>
<td>Monica Rimai</td>
<td>Senior Vice Chancellor and Chief Operating Officer, SUNY System Administration</td>
</tr>
<tr>
<td>Sam Stanley</td>
<td>President, Stony Brook University</td>
</tr>
<tr>
<td>Deborah Stanley</td>
<td>President, SUNY Oswego</td>
</tr>
<tr>
<td>Candace S. Vancko</td>
<td>President, SUNY Delhi</td>
</tr>
<tr>
<td>Cliff L. Wood</td>
<td>President, Rockland Community College</td>
</tr>
<tr>
<td>Nancy Zimpher</td>
<td>Chancellor, SUNY System Administration</td>
</tr>
</tbody>
</table>
Strategic Plan Advisory Committees

GROUP OF 200
Tarik Nashat Abdelqader
Rockland Community College
Ken John Abt
SUNY New Paltz
Hema Agwu
University at Albany
Leah May Akins
Dutchess Community College
Terri Alessi-Miceli
Suffolk County Community College
Ernesto Joaquin Alvarado
University at Albany
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University at Albany
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SUNY Cortland
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Buffalo State College
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SUNY Delhi
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Cayuga County Community College
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Onondaga Community College
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Mohawk Valley Community College
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Maritime College
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SUNY Oswego
Pedro Caban
SUNY System Administration
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SUNY System Administration
William H. Chalmers
SUNY System Administration
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Fashion Institute of Technology
Kristin Clark
SUNY Morrisville
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Monroe Community College
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Purchase College
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Dutchess Community College
Dennis Craig
Purchase College
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SUNY System Administration
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SUNY Oneonta
Carolyn G. Curtis
Hudson Valley Community College
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Schenectady County Community College
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Empire State College
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SUNY Plattsburgh
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Finger Lakes Community College
Mary Lou Dillon
Rockland Community College
Keisha Dobney
University at Buffalo
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SUNY New Paltz
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Clinton Community College
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The Research Foundation
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Buffalo State College
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Orange County Community College
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SUNY Oswego
Ronald Gordon Ehrenberg
Binghamton University
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Nassau Community College
David Ferguson
Stony Brook University
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Cayuga County Community College
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Alfred State College
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SUNY System Administration
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Binghamton University
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University at Albany
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Jamestown Community College
Jeffery Thomas Gates
Binghamton University
Mariah Lynn Gerty
SUNY Cortland
Peter Giopulos
Alfred State College
Marjorie Glusker
Westchester Community College
Dennis Golladay
SUNY System Administration
Strategic Plan Advisory Committees

GROUP OF 200 (continued)

Julie Mae Gondar  
University at Albany

Kenneth G. Goode  
Monroe Community College

Norman Goodman  
Stony Brook University

Christine D. Gray  
SUNY Canton

Peter A. Grosskopf  
Clinton Community College

Papa Iba Gueye  
Schenectady County Community College

Amy E. Guptill  
SUNY Brockport

Jessica Gurevitch  
Stony Brook University

Katherine Mary Haefele  
SUNY Oswego

Robert M. Haelen  
SUNY System Administration

Michael Harrell  
SUNY Downstate

Gregg Hartvigsen  
SUNY Geneseo

Stephen Joseph Havlovic  
SUNYIT

David A. Heath  
SUNY Optometry

Pamela Davis Heilman  
University at Buffalo

Mark Higden  
Fashion Institute of Technology

Joseph Alan Hildreth  
SUNY Potsdam

Charlotte “Chuckie” Holstein  
SUNY Brockport

Linda I. House  
SUNY Geneseo

Mamie Howard-Golladay  
Sullivan County Community College

Anne E. Huot  
SUNY Brockport

Dionne Annmarie Hutchinson  
Westchester Community College

Voldemar A. Innus  
Buffalo State College

John Edward Jablonski  
Clinton Community College

Marsha D. Jackson  
Erie Community College

Nicolette Marie Jowsey  
University at Buffalo

Pearl M. Kamer  
Farmingdale State College

Shashi Madhu Kanbur  
SUNY Oswego

Donald C. Katt  
Ulster County Community College

Harry C. Katz  
Cornell University

Joseph James Keegan  
North Country Community College

W. Hubert Keen  
Farmingdale State College

Jim Ketterer  
SUNY System Administration

James Paul Klyczek  
Niagara County Community College

Erik Joseph Kneubuehl  
Maritime College

Katie Maureen Kogler  
SUNY Cobleskill

Barbara White Kohlhauser  
Rockland Community College

Wendy L. Kowalczyk  
SUNY System Administration

Malgosia Ewa Krasuska  
Binghamton University

Amy Diane Kremenek  
Onondaga Community College

Anne M. Kress  
Monroe Community College

Charles Kruzansky  
Cornell University

Regina Maria LaGatta  
SUNY Cobleskill

Nicholas F. Laino  
Herkimer County Community College

Ellen A. Laird  
Hudson Valley Community College

Mitch Leventhal  
SUNY System Administration

Matthew Adam Levin-Stankevich  
Buffalo State College

Mary Pat Lewis  
SUNY Delhi

Curtis L. Lloyd  
SUNY System Administration

Wayne A. Locust  
University at Albany

S. Arthur Lundahl  
Suffolk County Community College

Nick Lyons  
SUNY Oswego

William Anthony Madera  
SUNY Oneonta

Thomas Magliocca  
Maritime College

Gabrielle Katerina Magnanti  
SUNY Cortland

Maureen Powers Maiocco  
SUNY Canton

Lynn Manning  
The Research Foundation

Robert Chase Matson  
Finger Lakes Community College

Ernesto Mattace, Jr.  
Suffolk County Community College

Joseph Matties  
Columbia-Greene Community College

A. Frank Mayadas  
Empire State College

Michelle Mazzone  
Erie Community College

Michael McCaskey  
SUNY Cobleskill

Barrett Toan Meckel  
SUNY Delhi

Carlos N. Medina  
SUNY System Administration

Sister Cristel Mejia  
Erie Community College

Patrick Michel  
Sullivan County Community College

Kevin Joseph Miller  
Buffalo State College

Myron James Mitchell  
SUNY ESF

Thomas Roy Moebus  
The Levin Institute

Basabi Runi Mukherji  
Old Westbury
GROUP OF 200 (continued)

Sharon Nachman  
Stony Brook University

Curtis Daniel Nehring Bliss  
Finger Lakes Community College

Charles Harold Nesbitt  
SUNY Brockport

JoAnn Niebel  
SUNY Fredonia

Scott Nostaja  
University at Buffalo

Charles Michael Notaro  
SUNY Fredonia

Margaret Mary O’Connell  
Onondaga Community College

Gregory O’Connor  
The Research Foundation

June F. O’Neill  
SUNY Potsdam

Phillip Anthony Ortiz  
Empire State College

Averl R. Otis  
SUNY Fredonia

Richard Seeley Overton  
Farmingdale State College

Catherine Pace Watson  
SUNY Optometry

Elaine Padilla  
Rockland Community College

Celine Racine Paquette  
SUNY Plattsburgh

Karen Anne Pastorello  
Tompkins Cortland Community College

William E. Pelz  
Herkimer County Community College

John F. Penrose  
Jefferson Community College

Steven Joseph Perta  
SUNYIT

Eileen M. Pezzi  
Upstate Medical University

Regina Katheryn Pollard  
Alfred State College

Steven G. Poskanzer  
SUNY New Paltz

Kathleen Preston  
SUNY System Administration

Juliette Clara Price  
SUNY Oneonta

Mark J. Prus  
SUNY Cortland

Shari S. Prussin  
Fashion Institute of Technology

Cariann Rene Quick  
University at Albany

Ravi S. Rajan  
Purchase College

Mona Gail Rankin  
Old Westbury

Sanhita Reddy  
Stony Brook University

Zachariah Koert Riley  
Broome Community College

Rosemary Rochford  
Upstate Medical University

Zulaika Rodriguez  
SUNY System Administration

Margherita Anne Rossi  
Broome Community College

Richard Runyon  
SUNY Morrisville

Steven Ruwoldt  
Sullivan County Community College

Bruce David Ryan  
Tompkins Cortland Community College

Steven David Sabel  
Purchase College

Fardin Sanai  
University at Albany

Ronald Sarner  
SUNYIT

Steven Jay Scheinman  
Upstate Medical University

Rick Sebastian  
Herkimer County Community College

David Shaffer  
Rockefeller Institute of Government

Renee Scialdo Shevat  
Herkimer County Community College

Robert Gordon Shibley  
University at Buffalo

Stefen Russell Short  
SUNY Oswego

Dennis Edward Showers  
SUNY Geneseo

Robert Hahn Sloan  
SUNY Morrisville

Rev. Paul Smith  
SUNY Downstate

Jennifer Gail Sneed  
SUNY System Administration

Hartley Steven Spatt  
Maritime College

Henry J. Steck  
SUNY Cortland

Debra Marie Stehle  
Upstate Medical University

Scott A. Tenenbaum  
University at Albany

Ashley Grace Tomasulo  
University at Albany

Monte Irvin Trammer  
Empire State College

Scott MacNeely Turner  
SUNY Brockport

Garrick Utley  
The Levin Institute

James Van Voorst  
Binghamton University

John Nelson Walsh, III  
University at Buffalo

Robert B. Ward  
SUNY System Administration

Brice Martin Weigman  
SUNY Geneseo

Carl P. Wiezalis  
Upstate Medical University

J.W. Wiley  
SUNY Plattsburgh

Eunice Dean Williams  
Onondaga Community College

Nancy Willie-Schiff  
SUNY System Administration

James A. Willis  
University at Buffalo

NJ Wolfe  
Fashion Institute of Technology

Philip W. Wood  
SUNY System Administration

Angela D. Wright  
The Research Foundation

Victor Yick  
Stony Brook University
Appendices

Strategic Plan Working Groups

ECONOMIC VITALITY AND QUALITY OF LIFE

Denise Bukovan
Assistant Vice Chancellor for Community Colleges
SUNY System Administration

Wayne Diesel (chair)
Economic Vitality and Quality of Life Working Group
Albany Medical Center

Patrick Foye
Deputy County Executive of Economic Development
Nassau County

Jack Friedman
Executive Vice President
Queens Chamber of Commerce

Bob Kraushaar
Associate Vice Provost
SUNY System Administration

Frank Mauro
Executive Director
Fiscal Policy Institute

Brian McMahon
Executive Director
New York State Economic Development Council (NYSEDC)

Dennis Mullen
Commissioner, Empire State Development
Empire State Development

John O’Connor
Vice Chancellor and Secretary of the University
SUNY System Administration

Liz Praetorius
Director, Office of Strategic Planning and Accountability
SUNY System Administration

Edward Reinfurt
Executive Director, NYSTAR
NYSTAR

David Shaffer
Senior Fellow
Rockefeller Institute of Government

F. Michael Tucker
President
Center for Economic Growth

David Wright
Director, Urban and Metropolitan Studies
Rockefeller Institute of Government

Nancy Zimpher
Chancellor
SUNY System Administration

ENERGY AND SUSTAINABILITY

Emily Bauer
Director of Sustainability, Student Assembly of SUNY
University at Buffalo

Bonny Bentzin
Director, Campus Sustainability Practices, Arizona State University
Arizona State University

Diane Blankenhorn
Manager of Research and Development National Grid

Diane Brink
Vice President of Marketing, Global Technology Services
IBM

Robert Callender
Senior Vice President
NYSERDA

Robert Catell
Chairman Member, Board of Directors; Chairman, AERTC
Stony Brook University

Fred Coppersmith
Director, R&D
CON ED

Steve DeCarlo
Senior Vice President Transmission
New York Power Authority

James Decker
Decker Garman Sullivan

Joseph Fox
Director, Energy Planning and Management
SUNY System Administration

Bruce Germano
Vice President for Retail Services
Long Island Power Authority

Margot Gerritsen
Associate Professor Energy Resources
Stanford University

Larry Goldstein
Director of Special Projects
Energy Policy Research Foundation

Jane Gunther
Safety, Security, and Environmental Supervisor
Rockwell Automation

J. Michael Hagin
Business Development Executive
Honeywell

Pradeep Haldar
Professor
University at Albany

Pat Looney
Director Energy and Environmental Technology
Brookhaven National Laboratory

Pat Malone
Director of Corporate Training
Stony Brook University

John Marburger
Vice President for Research
Stony Brook University

Cornelius B. Murphy
President
SUNY ESF

Frank Murray
President and CEO
NYSERDA - NYS Energy Research & Development Authority

Lois New
Director, Office of Climate Change
NYS Office of Climate Change

John O’Connor
Vice Chancellor and Secretary of the University
SUNY System Administration

Wayne Ouderkirk
Mentor
Empire State College

Mary Pearl
Dean
Stony Brook University

Amy Provenzano
Executive Director of Environmental Stewardship
Stony Brook University

Gordian Raacke
Executive Director
Renewable Energy Long Island
Strategic Plan Working Groups

Steven Sabel  
Student Government Association  
Purchase College

Joseph Sarubbi  
Executive Director, TEC-SMART  
Hudson Valley Community College

Ann-Marie Scheidt  
Director, Economic Development  
Stony Brook University

Yacov Shamash (chair)  
Vice President for Economic Development  
Stony Brook University

Walter Simpson  
Energy Officer  
University at Buffalo

Elizabeth Thorndike  
Professor  
Cornell University

Jim Weyhenmeyer  
Senior Vice Provost  
The Research Foundation

DENISITY IN THE WORLD

Quintin Bullock  
President  
Schenectady County Community College

Pedro Caban  
Vice Provost for Diversity and Educational Equity  
SUNY System Administration

Damian Fernandez (co-chair)  
Provost, Purchase College  
Purchase College

Elsa Magee  
Senior Vice President of Corporate Operations  
NYS Higher Education Services Corporation

Melody Mercedes (co-chair)  
President, SUNY Student Assembly  
Member, SUNY Board of Trustees  
Student, University at Buffalo

Hal Payne  
Vice President for Student Affairs  
Buffalo State College

Cynthia Sedgwick  
Dean of Student Life and Experiential Learning  
SUNY ESF

Greg Sharer  
Vice President for Student Affairs  
SUNY Cortland

Steven Tyrell  
Vice President for Student Affairs  
Alfred State College

QUALITY OF PLACE

Denise Bukovan  
Assistant Vice Chancellor for Community Colleges  
SUNY System Administration

John Cowin  
Deputy Mayor  
City of Syracuse

Ray Cross (co-chair)  
President  
SUNY Morrisville

Susan Crossett  
Senior Vice President of Energy Solutions for Upstate New York  
National Grid Corporation

Marilyn Higgins  
Vice President of Community Engagement and Economic Development  
Syracuse University

Dan Lowengard  
Superintendent  
Syracuse City School District

Orrin MacMurray  
President  
C & S Companies

Celest Woo  
Professor  
Empire State College

Wolf Yeigh  
President  
SUNYIT

EDUCATION PIPELINE

Sheila Appel  
Manager  
Corporate Affairs, IBM

James Baldwin  
District Superintendent  
Questar III Boces for Rensselaer, Columbia, and Greene Counties

Carol Batker  
Associate Dean and Director of Master of Arts  
Empire State College

David Belsky  
Press Officer and Director of New Media  
SUNY System Administration

Robert Bennett  
Chancellor Emeritus  
New York State Board of Regents

Deborah Benson  
Executive Director  
New York State Office of Alcoholism and Substance Abuse Services

Jill Bovee  
High School Special Educator  
Hadley-Luzerne Central School District

Pedro Caban  
Vice Provost for Diversity and Educational Equity  
SUNY System Administration

Karen Carpenter-Palumbo  
Commissioner  
New York State Office of Alcoholism and Substance Abuse Services

Jamie Dangler  
Associate Professor  
SUNY College at Cortland

Steve Danna  
UPK-2 Building Principal/UPK-12 Curriculum Director  
Hadley-Luzerne Central School
Appendices

Strategic Plan Working Groups

Alan Davis
President
Empire State College

Charles Dedrick
District Superintendent
Capitol Region BOCES

Maryann DiChristopher
Acting Associate Commissioner
New York State Office of Alcoholism and Substance Abuse Services

Johanna Duncan-Poitier
Chancellor’s Deputy for the Education Pipeline
SUNY System Administration

Denise Finning
Board of Trustees
Learning Disabilities Association of New York

Joseph Frey
Deputy Commissioner
NYSED

Cindy Gallagher
Coordinator
New York State Education Department

Mary H. Gresham
Dean
School of Graduate Education
University at Buffalo

Marjie Hermann
Department Head of English/Teacher
Maple Avenue Middle School, Saratoga Springs City School District

Randi Hewit
President
Community Foundation of Elmira-Corning and the Finger Lakes

Maggie Jacobs
Director of Youth Initiatives
American Museum of Natural History

Eric W. Kaler
Provost and Senior Vice President
Stony Brook University

Raymond Kesper
Executive Coordinator of District Superintendents
New York State Department of Education

Abe Lackman
President
Praxis Insights Corp

Sue Lehmann
Strategy Consultant
Education Reform and Advisory Board, Teach for America

Vincent Marrone
Public Strategies LLC

Andrew J. Matonak
President
Hudson Valley Community College

Shaun L. McKay
President
Suffolk County Community College

Carlos Medina
Assistant Provost for Diversity and Educational Equity Programs
The State University of New York

Howard Mettelman
District Superintendent
Oneida-Herkimer-Madison BOCES

Andrea Mulkey
Field Manager
Smart Scholars Early College High Schools, SUNY/EdWorks Partnership

Frank Munoz
Deputy Commissioner, Office of Professions
New York State Education Department

Mario Musolino
Executive Deputy Commissioner
New York State Department of Labor

Janet Nepkie
SUNY Distinguished Service Professor/Professor of Music and Music Industry
SUNY College at Oneonta

Kenneth O’Brien
President, SUNY Faculty Senate Member, SUNY Board of Trustees
SUNY Brockport

Donald Ogilvie
District Superintendent
Erie 1 BOCES

Duffy Palmer
Deputy Secretary of Education
New York State Governor’s Office

Susan D. Phillips
Provost and Vice President for Academic Affairs
University at Albany

Robert Purga
Supervisor, Adult Education and Workforce Development Team
New York State Education Department

Kima Reed
Vice President of Programs
Abyssinian Development Corporation

Pamela Sandoval
Assistant Provost for P-16 Education
The State University of New York

Lisa M. Sax
Director of Corporate and Community Partnerships
SUNY Empire State College

Anne Schiano
Assistant Director
New York State Education Department

Jennifer Sneed
Senior Vice President
Charter Schools Institute
The State University of New York

F. Michael Tucker
President
Center for Economic Growth

Randall Vanwagoner
President
Mohawk Valley Community College

Mark Vaughn
Manager for Diversity Recruiting and Technical Talent Pipelining
Corning Incorporated

James A. Williams
Superintendent
Buffalo City School District

Nancy Willie-Schiff
Assistant Provost for Undergraduate Education
The State University of New York

Cliff L. Wood
President
Rockland Community College

Sheena Wright
President & CEO
Abyssinian Development Corporation

Edward Zero
District Superintendent
Eastern Suffolk BOCES

Nancy Zimpher
Chancellor
SUNY System Administration
Strategic Plan Working Groups

ARTS AND CULTURE
Joanne Arbuckle
Dean
Fashion Institute of Technology
Joyce Brown
President
Fashion Institute of Technology
Joe Hildreth
Faculty Senate
SUNY Potsdam
Janet Riker
Director, University Art Museum
University at Albany
Thomas J. Schwarz
President
Purchase College
Garrick Utley
President
The Levin Institute

HEALTH AFFAIRS
David Carpenter
Director, Institute for Health and the Environment
University at Albany
David Dunn
Vice President for Health Sciences
Professor of Surgery, Microbiology and Immunology
University at Buffalo
Joyce Ferrario
Professor and Dean
Decker School of Nursing
Binghamton University
Janet Glocker
Vice President, Academic Services
Monroe Community College
Steven Goodman
Senior Vice President for Research
Dean, College of Graduate Studies
Upstate Medical University
Edward Hannan
Chair, Department of Health Policy, Management and Behavior
University at Albany
David A. Heath
President, SUNY College of Optometry
SUNY Optometry
Gerald Kletcher
Associate Professor
Chair, History Department
Binghamton University
John McCabe
Chief Executive Officer, University Hospital
Senior VP for Hospital Affairs
Upstate Medical University
Kathy Preston
Assistant Vice Chancellor
SUNY System Administration
Steven Jay Scheinman
Senior Vice President
Dean, College of Medicine
Upstate Medical University
David Smith
President
Upstate Medical University
Richard Soden
Vice President for Clinical Affairs
SUNY Optometry
Debra Marie Stehle
Assistant Vice President
Office of the President
Upstate Medical University
Steven Strongwater
Chief Executive Officer
Stony Brook University Medical Center
Stony Brook University
Ian Taylor
Senior Vice President for Biomedical Education and Research
Dean, College of Medicine
SUNY Downstate
William Thomas
Professor, The Erickson School
University of Maryland, Baltimore County (UMBC)
Wanda Thompson
Associate Senior Vice President for Operations
Upstate Medical University

STUDENT ENROLLMENT MANAGEMENT AND MOBILITY
Christopher Belle-Isle
Director
Monroe Community College
Elizabeth Bringsjord
Associate Provost for Academic Programs and Assessment
SUNY System Administration
David Crook
University Dean for Institutional Research
CUNY
Edward Engelbride
Senior Assistant Provost
SUNY System Administration
Pat Fahy
Associate Commissioner for Intergovernmental Affairs
NYS Department of Labor
Joseph Frey
Deputy Commissioner
NYSED
Wendy Gilman
Budget Director
SUNY System Administration
Dennis Golladay
Vice Chancellor for Community Colleges
SUNY System Administration
Robert Haelen
Vice Chancellor for Capital Facilities and General Manager, Construction Fund
SUNY System Administration
George Jakubson
Professor of Labor Economics
Cornell University
David Lavalle
Interim Provost and Senior Vice Chancellor
SUNY System Administration
Wayne Locust
Vice Provost for Enrollment Management
University at Albany
Kenneth O’Brien
President, SUNY Faculty Senate;
Member, SUNY Board of Trustees
SUNY Brockport
Strategic Plan Working Groups

INNOVATIVE INSTRUCTIONAL OPPORTUNITIES

Daniel Bernstein
Professor of Cognitive Psychology and Director, Center for Teaching Excellence
University of Kansas

Alan Davis
President
Empire State College

Johanna Duncan-Poitier
Chancellor’s Deputy for the Education Pipeline
SUNY System Administration

Chris Feeley
Vice President
Government & Public Sector
Taleo

Matthew Gold
Assistant Professor of English
New York City College of Technology, CUNY

John Kolb
VP for Information Services and Technology & Chief Information Officer
Rensselaer Polytechnic Institute

Craig Lending
Associate Professor, Biology
SUNY Brockport

Milton McClaren
Former Director, Division of Continuing Studies
Simon Fraser University

Sean Nixon
Assistant Provost, Visual Arts
Ulster County Community College

Mark Peterson
President and CEO
Greater Rochester Enterprises

Alexandra Pickett
Director of the SUNY Learning Network
SUNY System Administration

Jon Rubin
Director of the SUNY Center for Collaborative Online Interactive Purchase College

Jeremy Sarachan
Assistant Professor, Department of Communication/Journalism
St. John Fisher College

Vincent Tinto
Distinguished University Professor, School of Education
Syracuse University

Silda Wall Spitzer
Managing Director
Metropolitan Capital Advisors

Joseph Sarubbi
Executive Director, TEC-SMART
Hudson Valley Community College

Yacov Shamash
Vice President for Economic Development
Stony Brook University

Sam Stanley
President, Stony Brook University
Stony Brook University

Bruce Stillman
President, Cold Spring Harbor Laboratory
Cold Spring Harbor Laboratory

Jim Weyhenmeyer
Senior Vice Provost
The Research Foundation

RESEARCH AND INNOVATION

Samuel Aronson
Director, Brookhaven National Laboratory
Brookhaven National Laboratory

Robert Catell
Chairman Member, Board of Directors; Chairman, AERTC
Stony Brook University

David A. Heath
President
SUNY Optometry

David Hochman
Executive Director
tbed Technology-Based Economic Development

David Lavallee
Interim Provost and Senior Vice Chancellor
SUNY System Administration

John Marburger
Vice President for Research
Stony Brook University

Bernard Meyerson
Vice President, Innovation, IBM Corporation

5-YEAR BUDGETING PROCESS/FLEXIBILITY

Tracy Bennett
Vice President for Administration
SUNY Fredonia

Ray Cross
President
SUNY Morrisville

Joyce Elliott
Special Assistant to the President
Empire State College

Alan Finn
Senior Associate Budget Director
SUNY System Administration

Wendy Gilman
Budget Director
SUNY System Administration

Karol Gray
Vice President for Finance & Chief Financial Officer
Stony Brook University

John Homburger
Vice President for Business Affairs
SUNY Plattsburgh

Brian G. Hutzley
Vice President for Business & Finance
SUNY Delhi

David Lavallee
Interim Provost and Senior Vice Chancellor
SUNY System Administration
Strategic Plan Working Groups

Kenneth H. Levison
Vice President for Administration
SUNY Geneseo

Curtis L. Lloyd
Vice Chancellor for Human Resources,
Chief Human Resources Officer
SUNY System Administration

Nick Lyons
Vice President for Administration
& Finance
SUNY Oswego

Margaret E. Madden
Provost and Vice President for
Academic Affairs
SUNY Potsdam

Deborah Moeckel
Vice President of Academic
and Student Affairs
Cayuga County Community College

John O’Connor
Vice Chancellor and Secretary
of the University
SUNY System Administration

Patrick O’Sullivan
Provost and Vice President for
Academic Affairs
Old Westbury

George Philip
President
University at Albany

William Reuter
Chief Administrative & Financial Officer
Erie Community College

Monica Rimai
Senior Vice Chancellor and Chief
Operating Officer
SUNY System Administration

Neil Ringler
Distinguished Teaching Professor and
Dean of Research
SUNY ESF

David Smith
President
Upstate Medical University

Deborah Stanley
President
SUNY Oswego

Satish Tripathi
Provost
University at Buffalo

Cliff L. Wood
President
Rockland Community College

Phil Wood
General Manager of the State University
Construction Fund & Vice Chancellor for
Capital Facilities
SUNY System Administration

INFORMATION TECHNOLOGY

Jeffrey Bartkovich
Vice President for Information Technology
Monroe Community College

Gerry Drahos
Vice President for Information Services
The Research Foundation

James Dutcher
Associate Vice President for Information Services
Orange County Community College

Carole McCoy
President
Jefferson Community College

Alceste Pappas
President and CEO
Pappas Consulting Group Inc.

Barbara Risser
President
Finger Lakes Community College

Greg Sharer
Vice President for Student Affairs
SUNY Cortland

LIBRARY ACCESS

Donald Boyce
Examiner
Financial Industry Regulatory Authority

Susan Currie
Director
Tompkins County Public Library

Thomas Flynn
Library Director, Dickerman Library
Wadsworth Center

Carey Hatch
Associate Provost and Associate
Vice Chancellor
SUNY System Administration

David Hochman
Executive Director
tbed Technology-Based Economic Development

Curtis Kendrick
University Librarian
CUNY Office for Libraries and Information Resources

Patti McCall
Corporate Librarian
AMRI Global

Pam McLaughlin
Director, Communications and External Relations
Upstate Medical University

Dave Penniman
Director
Nylinc

Rick Winant
Dean, Academic Information Access
SUNY Downstate

NJ Wolfe
Library Director
Fashion Institute of Technology
SUNY AND THE ENTREPRENEURIAL CENTURY

Bonny Boice
Interim President
The Research Foundation

Russell Boisjoly
Dean of Business
SUNY Fredonia

Malcolm Cohen
Community College Representative
Monroe Community College

Vincent Delio
Chief of Staff
University at Albany

John Dias
Student Assembly, Director of Communication (Press)
University at Albany

Cynthia Dowd Greene
Associate Vice President for Industry Relations
Upstate Medical University

David Ferguson
Distinguished Service Professor of Technology and Society and Applied Mathematics and Statistics
Stony Brook University

Robert Genco
Vice Provost and Professor, School of Dental Medicine
University at Buffalo

Brian G. Hutzley
Vice Chancellor for Financial Services & Chief Financial Officer
SUNY System Administration

Alain Kaloyeros
Senior Vice President & Chief Executive Officer
College of Nanoscale Science and Engineering
University at Albany

James King
State Director
NYS Small Business Development Center

Eugene Krentsel
Asst Vice President, Tech Transfer and Innovative Partnerships, Division of Research
Binghamton University

Frank Locatell
Director, Institute of Entrepreneurialship
SUNY Westchester

Shaun L. McKay
President
Suffolk County Community College

Brian McMahon
Executive Director
New York State Economic Development Council (NYSEDC)

Stephen Mitchell
Dean of Workforce Development
Sullivan County Community College

Michael Morgan
University Counsel's Office
SUNY System Administration

John O’Connor (10/10-06/11)
Vice Chancellor and Secretary of the University
SUNY System Administration

Richard Overton
President, Farmingdale Foundation
Farmingdale State College

Ray Richardson
Sam Stanley
President
Stony Brook University

Mark Stewart
Dean, School of Graduate Studies and Vice Dean for Research
SUNY Downstate

Rich Syrek
Dean
Rockland Community College

Ken Tabachnick
Dean of the School of the Arts
Purchase College

David Troilo
Dean & Vice President for Academic Affairs
SUNY Optometry

Sherry Tshibangu
Professor, Entrepreneurial Studies
Monroe Community College

Carl P. Wiezalis
Retired Distinguished Service Professor
Upstate Medical University

SUNY AND THE SEAMLESS EDUCATION PIPELINE

Elizabeth Bringsjord
Vice Provost and Vice Chancellor
SUNY System Administration

Noelle Chaddock Paley
Interim Director of Multicultural Life & Diversity, Adjunct Professor of Africana Studies & Philosophy
SUNY Cortland

Alan Davis
President
Empire State College

Charles Dedrick
District Superintendent
Capitol Region BOCES

Carla DeShaw
Dean of Community Education and Workforce Development
Cayuga Community College

Keisha Dobney-Boykin
Student Assembly, Vice President
University at Buffalo

Johanna Duncan-Poitier
Chancellor’s Deputy for the Education Pipeline and Vice Chancellor for Community Colleges
SUNY System Administration

Eleanor Fapohunda
Dean, School of Arts & Sciences
Farmingdale State College

Tina Good
President, Faculty Council of Community Colleges
Suffolk County Community College

Mary H. Gresham
Dean, School of Arts & Sciences
Farmingdale State College

Meghan Groome
Manager, K-12 Science Education Initiatives
New York Academy of Sciences

Michael Harrell
Assistant Vice President for Community Development
SUNY Downstate

Kenneth Howey
Senior Fellow, Rockefeller Institute of Government
University at Albany
Strategic Plan Innovation Teams

Joseph Kennedy  
President  
SUNY Canton

Maria Kindberg  
College Connections Coordinator  
Jamestown Community College

Anne M. Kress  
President  
Monroe Community College

Jill Lansing  
Director of Education Pipeline  
SUNY System Administration

Karl Madeo  
Director of CollegeNow  
Tompkins Cortland Community College

Maria Neira  
Executive Vice President  
NYSUT

Kenneth O’Brien  
President, SUNY Faculty Senate; Member, SUNY Board of Trustees  
SUNY Brockport

Susan D. Phillips  
Provost and Vice President for Academic Affairs  
University at Albany

Aaron Podolefsky  
President  
Buffalo State College

Juana Reina  
Dean of Students  
SUNY Westchester

Carmela Thompson  
Director, Admissions  
Buffalo State College

Tina Wagle  
Associate Professor  
Chair MAT Program  
Empire State College

SUNY AND A HEALTHIER NEW YORK

Janet Atwater  
Former Director of Health Services  
Hudson Valley Community College

Esther Bankert  
Provost and Vice President for Academic Affairs  
SUNYIT

Sara Brenner  
Assistant Professor of Nanobioscience, College of Nanoscale Science and Engineering  
University at Albany

David Carpenter  
Director, Institute for Health and the Environment  
University at Albany

Thomas Dennison  
Senior Research Associate, Center for Policy Research  
Upstate Medical University

Joan Dorn  
Professor and Chair, Department of Exercise and Nutrition Sciences  
University at Buffalo

Melinda DuBois  
Director, Student Health & Counseling  
SUNY Geneseo

Janet Glocke  
former Vice President, Academic Services  
Monroe Community College

David A. Heath  
President  
SUNY Optometry

Bill Howard  
Senior Vice Chancellor, General Counsel and Secretary of the University  
SUNY System Administration

Ken Kaushansky  
Dean, School Of Medicine And Senior Vice President, Health Sciences  
Stony Brook University

Judith LaRosa  
Vice Dean, School of Public Health, Professor  
SUNY Downstate

Danielle Marotta  
Student Assembly, Director of Fundraising  
Onondaga Community College

Stephen Marrone  
Deputy Nursing Director  
SUNY Downstate

Cathleen McCoilin  
Provost and Senior Vice President  
Onondaga Community College

Jean Moore  
Director, Center for Health Workforce Studies  
University at Albany

Cynthia Morrow  
Commissioner of Health, Onondaga County  
Upstate Medical University

Philip C. Nasca  
Dean of the Albany School of Public Health  
University at Albany

Kathy Preston  
Associate Vice Chancellor  
SUNY System Administration

David Smith  
President  
Upstate Medical University

Margaret Souza  
Mentor and Interim Unit Coordinator, Empire State College

Debra Marie Stehle  
Assistant Vice President, Office of the President  
Upstate Medical University

Steven Strongwater  
Chief Executive Officer, Stony Brook University Medical Center  
Stony Brook University

SUNY AND AN ENERGY-SMART NEW YORK

Karren Bee-Donohoe  
Director of the Office for Capital Facilities  
SUNY System Administration

MaryAlice Brown  
Student Assembly Trustee  
Onondaga Community College

Robert Callender  
Vice President for Programs  
NYSERDA

Robert Catell  
Chairman of the Advanced Energy Research and Technology Center (AERTC)  
Stony Brook University
Appendices

Strategic Plan Innovation Teams

Ray Cross (09/10-01/11)
Former President
Morrisville State College

Steve DeCarlo
Senior Vice President Transmission
New York Power Authority

James Decker
Principal
Decker Garman Sullivan

Maureen Dolan
Associate Professor of Mathematics and Computer Information Sciences, Chair, Campus Green Committee
Old Westbury

Joseph Fox (09/10-10/11)
Director, Energy Planning and Management
SUNY System Administration

Michael Robert Frame
Director of Federal Relations
Binghamton University

Pradeep Haldar
Professor and Constellation Head
University at Albany

Michael J. Kelleher
Renewable Energy Systems
SUNY ESF

Christopher Marx
Director of Continuing & Professional Education
Ulster County Community College

Cornelius B. Murphy, Jr.
President
SUNY ESF

John O’Connor (09/10-06/11)
Vice Chancellor and Secretary of the University
SUNY System Administration

Phillip Anthony Ortiz
Associate Professor, Area Coordinator
Natural Sciences
Empire State College

Kingsley Osei
University Counsel’s Office
System Administration

Michael Pentaris
President and CEO
Custom Electronics, Inc. and IOXUS

Karolina Peysakhov
Student Assembly, Director of Environmental Affairs
University at Buffalo

Bahgat Sammakia
Interim Vice President for Research
Binghamton University

Yacov Shamash
Vice President for Economic Development
Stony Brook University

Dennis Edward Showers
Professor, Education
SUNY Geneseo

Gerald Stokes
Associate Laboratory Director for Global and Regional Solutions
Brookhaven National Laboratory

Esther Takeuchi
Professor, Department of Chemical and Biological Engineering
University at Buffalo

Stanley Whittingham
Director, Institute For Materials Research
Binghamton University

Angela D. Wright
Manager, External Relations
The Research Foundation

SUNY AND THE VIBRANT COMMUNITY

Allison Alden
Director, Center of Civic Engagement, Division of Student Affairs
Binghamton University

Brian Baker
Executive Director Institute for Sustainability
Alfred State College

Sarah Barry
Student Assembly, Associate Director of Government Relations
University at Albany

Gerald Benjamin
Director, Center for Research, Regional Education and Outreach, Distinguished Service Professor
SUNY New Paltz

Joyce Brown
President
Fashion Institute of Technology

Ray Cross (09/10-01/11)
Former President
Morrisville

Joel Delmonico
Vice President and General Market Manager
Clear Channel Communications

Helene Dillard
Director of Cornell Cooperative Extension
Cornell University

Stacey Hengsterman
Assistant Vice Chancellor for Government Relations
SUNY System Administration

Joe Hildreth
Distinguished Service Professor
SUNY Potsdam

Christopher Hollander
Student Assembly, Community College Representative
Erie Community College

Alan Inkles
Director, Staller Center
Stony Brook University

Brian Kaiser
Coordinator of College & Community Relations
SUNY Cobleskill

Jane Kelley
Vice President, Student Affairs
Fulton-Montgomery Community College

Maren F. King
Assistant Director, Center for Community Design Research
SUNY ESF

Ron Marquette
Coordinator of Community Relations & Special Events
Ulster County Community College

Sandra Olsen
Director, UB Art Galleries
University at Buffalo
Strategic Plan Innovation Teams

Carolyn Peabody
Clinical Asst Professor and Asst Dean
Stony Brook University

Karen Podsiadly
Director, Community Development
SUNY Brockport

Valerie Steele
Director of the Museum at FIT
Fashion Institute

Kathleen Tobin Flusser
Assistant Director, Center for Research, Regional Education, and Outreach
SUNY New Paltz

Miriam Tremontozzi
Associate Vice President for Community Engagement
University at Albany

Candace S. Vancko
President
SUNY Delhi

Laurie Worrall
Executive Director
New York Campus Compact
Cornell University

Christopher C. Dahl
President
SUNY Geneseo

Jack DeHovitz (09/10-08/11)
Director, HIV Center & Professor
Department of Medicine
Downstate Medical University

Ryan Deuel (09/10-08/11)
Chief of Staff & International Initiatives
SUNY Canton

Stephen C. Dunnett
Vice Provost for International Affairs
University at Buffalo

Sandra Engel (10/10-08/11)
Director of International Education
Mohawk Valley Community College

Seth Gilbertson (12/10-08/11)
University Counsel's Office
SUNY System Administration

Jeremy Grace (09/10-08/11)
Professor, Political Science & International Relations
SUNY Geneseo

Mary Gresham (09/10-08/11)
Dean, Graduate School of Education
University at Buffalo

Joe Hoffman (09/10-08/11)
Provost and Vice President for Academic Affairs
Maritime College

Susan Jagendorf-Sobierajski
Executive Director
Office of International Education
SUNY Cobleskill

Jim Ketterer (09/10-05/11)
Deputy Provost
SUNY System Administration

Ralph Trecartin (09/10-08/11)
Executive Director, International Education
SUNY Brockport

Ricardo Matteis (09/10-07/11)
Executive Assistant to the
Vice Chancellor for Global Affairs
SUNY System Administration

Joshua McKeown
Director of International Education and Programs
SUNY Oswego

Alberto Miller (10/10-08/11)
Director, Department of International Education
Broome Community College

Wolf Schafer
Professor and Director, Dept of History and Center for Global & Local History
Stony Brook University

Ted Schwalbe (09/10-08/11)
Chair, Professor Communication
SUNY Fredonia

John F. Schwaller
President
SUNY Potsdam

Bruce Silner
Dean of International Programs
SUNY New Paltz

Steve St. Onge (09/10-08/11)
Vice President for Student Services
Clinton Community College

Jeff Straussman (09/10-02/11)
Dean, Public Affairs and Policy, Rockefeller College
University at Albany

Beth Vargas (09/10-08/11)
Associate Dean, International Student Programs/International Undergraduate Admissions
SUNY New Paltz

Teh-yuan Wan (09/10-08/11)
Coordinator, Education Technology Programs and Initiatives
NYSED

SUNY AND THE WORLD

Kaitlyn Beachner
President, SUNY Student Assembly and SUNY Board of Trustees, Student Representative
Buffalo State College

Eunice Bellinger (09/10-08/11)
Executive Vice President, Academic Affairs
Geneseo

Joyce Brown (09/10-08/11)
President
Fashion Institute of Technology

Laurie Buonanno (09/10-08/11)
Professor and Chair, Dept. of Political Science
Buffalo State College

Maria Conzatti
Associate Vice President
Academic/Student Services
Nassau Community College

Sally Crimmins-Villela
Senior Associate Director, Office of International Programs
SUNY System Administration
Appendices

Strategic Plan Transformation Teams

**ACADEMIC EXCELLENCE**

Craig Abbey  
Director, Office of Institutional Analysis  
University at Buffalo

Audree Bendo (09/10-02/11)  
Professor, Anesthesiology  
Downstate Medical Center

Barbara Beyerbach  
Professor of Curriculum & Instruction  
SUNY Oswego

Gary Blose  
Assistant Provost for Institutional Research  
SUNY System Administration

Bruce C. Bongarten  
Provost and Vice President for Academic Affairs  
SUNY ESF

Michael Cappeto  
Director of Institutional Research & Assessment  
Maritime College

Sally Crimmins-Villela  
Senior Associate Director, Office of International Programs  
SUNY System Administration

Beth Del Genio  
Chief of Staff, Office of the Provost, Adjunct Assistant Professor, Higher Education  
University at Buffalo

Mantosh Dewan  
Distinguished Service Professor and Chair, Psychiatry and Behavioral Sciences  
Upstate Medical University

Lynn Domina  
Professor  
SUNY Delhi

Susan Faerman  
Vice Provost and Dean for Undergraduate Education  
University at Albany

Damian Fernandez (09/10-01/12)  
Provost  
Purchase College

Candice Foley  
College Associate Dean of Curriculum Development  
Suffolk County Community College

Barbara Garri  
Associate Dean, School of Education  
SUNY Oswego

Tina Good  
President, Faculty Council of Community Colleges  
Suffolk County Community College

Norman Goodman  
Distinguished Teaching Professor and Distinguished Service Professor; University Faculty Senate Rep  
Stony Brook University

S.G. Grant  
Dean of the School of Education  
Binghamton University

Stephen Joseph Havlovic  
Vice President for Academic Affairs  
Alfred State College

Marie Iglesias-Cardinale  
Professor, English  
Genesee Community College

Kevin Kearns  
Associate Vice President  
Graduate Study & Research  
SUNY Fredonia

David Lavallee  
Executive Vice Chancellor and Provost  
SUNY System Administration

Linnea LoPresti  
Assistant Provost for Academic Programs  
SUNY System Administration

Lawrence Martin (09/10-01/12)  
Dean of the Graduate School  
Stony Brook University

Donald Nieman  
Dean, Harpur College of Arts & Sciences  
Binghamton University

Kenneth O’Brien  
President, SUNY Faculty Senate; Member, SUNY Board of Trustees  
SUNY Brockport

John Penrose  
Professor of Chemistry and Department Chair  
Jefferson Community College

Josh Rich  
Student Assembly, Director of Academic Affairs  
University at Buffalo

Anne Marie Rossi  
Student Assembly, University College Representative  
SUNY Cortland

Paul Schacht  
Professor of English  
SUNY Geneseo

Shadi Shahedipour-Sandvik  
Associate Professor  
University at Albany

Wendy Tarby  
Director, Institutional Effectiveness  
Onondaga Community College

Jianping Wang  
Associate Dean for Student Affairs, Arts & Humanities  
Westchester Community College

Nancy Willie-Schiff  
Assistant Provost for Undergraduate Education  
SUNY System Administration

**STRATEGIC ENROLLMENT MANAGEMENT**

Craig Abbey  
Director, Office of Institutional Analysis  
University at Buffalo

Gradin Avery  
Associate Provost of Enrollment Management and Marketing  
SUNY Cortland

Peter Baigent  
Vice President for Student Affairs  
Stony Brook University

Dolores Battle (09/10-01/12)  
BSC Administrators  
Buffalo State

Mary Claire Bauer  
Director of Admissions  
Hudson Valley Community College

Christopher Belle-Isle  
Director, Career Center  
Monroe Community College
Strategic Plan Transformation Teams

Gary Blose
Assistant Provost for Institutional Research
SUNY System Administration

Ivan Bodis-Wollner
Chief Operating Officer
SUNY Downstate

Jean Boland
Vice President for Administrative Services and Information Technology
Morrisville State College

Elizabeth Bringsjord
Vice Provost and Vice Chancellor
SUNY System Administration

Sally Crimmins-Villela
Senior Associate Director, Office of International Programs
Morrisville State College

David Dodge
Student
Genesee Community College

James Drogan
Director of Online Programs
Maritime College

Johanna Duncan-Poitier (09/10-01/12)
Chancellor’s Deputy for the Education Pipeline and Vice Chancellor for Community Colleges
SUNY System Administration

Marti Ellermann (12/10-01/12)
Interim University Counsel
SUNY System Administration

Edward Engelbride
Associate Provost
SUNY System Administration

J Mitchell Fields
Assistant Director, Capital Program Management
SUNY System Administration

John M. Anderson
President
Alfred State College

Tracy Bennett (09/10-07/11)
Vice President for Administration
SUNY Fredonia

Jean Boland
Vice President for Administrative Services and Information Technology
Morrisville State College

Jerome Boykin (12/10-07/11)
Student
Buffalo State College

Ray Cross (09/10-01/11)
Former President
Morrисville State College

William Durgin
Provost and Vice President for Academic Affairs
Empire State College

John Porter (09/10-01/12)
Associate Provost
SUNY System Administration

Jen LoTurco (09/10-07/11)
Senior Associate Budget Director
SUNY System Administration
Strategic Plan Transformation Teams

Kaitlin Gambrill (09/10-07/11)  
Assistant Vice Chancellor for Strategic Planning and University Advancement  
SUNY System Administration

Wendy Gilman (09/10-07/11)  
Budget Director  
SUNY System Administration

Karol Gray (09/10-07/11)  
Vice President for Finance & Chief Financial Officer  
Stony Brook University

Robert Haelen (01/11-07/11)  
Vice Chancellor for Capital Facilities  
General Manager, Construction Fund  
SUNY System Administration

Stacey Hengsterman (09/10-07/11)  
Assistant Vice Chancellor for Government Relations  
SUNY System Administration

John Homburger (09/10-07/11)  
Vice President for Business Affairs  
SUNY Plattsburgh

Virginia Horvath  
Vice President for Academic Affairs  
SUNY Fredonia

Brian Hutzley (09/10-07/11)  
Vice Chancellor for Financial Services & Chief Financial Officer  
SUNY System Administration

James Paul Klyczek  
President  
Niagara County Community College

David Lavallee (09/10-07/11)  
Executive Vice Chancellor and Provost  
SUNY System Administration

Kenneth Levison (09/10-07/11)  
Vice President for Administration  
SUNY Geneseo

Curtis Lloyd (09/10-07/11)  
Vice Chancellor for Human Resources, Chief Human Resources Officer  
SUNY System Administration

Jen LoTurco (09/10-07/11)  
Assistant Vice Chancellor for External Affairs  
SUNY System Administration

Nick Lyons (09/10-07/11)  
Vice President for Administration & Finance  
Oswego

Margaret Madden (09/10-07/11)  
Provost and Vice President for Academic Affairs  
SUNY Potsdam

Deborah Moeckel (09/10-07/10)  
Assistant Provost for Community College Education  
SUNY System Administration

John O’Connor (09/10-06/11)  
Vice Chancellor and Secretary of the University  
SUNY System Administration

Patrick O’Sullivan (09/10-07/11)  
Provost and Vice President for Academic Affairs  
Old Westbury

George Philip (09/10-07/11)  
President  
University at Albany

Susan D. Phillips  
Provost and Vice President for Academic Affairs  
University at Albany

Kathleen Preston (09/10-07/11)  
Associate Vice Chancellor for Health Affairs  
SUNY System Administration

Mark Prus (10/10-07/11)  
Provost and Vice President for Academic Affairs  
SUNY Cortland

William Reuter  
Chief Administrative & Financial Officer  
Erie Community College

Monica Rimai (09/10-07/11)  
Senior Vice Chancellor and Chief Operating Officer  
SUNY System Administration

Neil Ringler (09/10-07/11)  
Distinguished Teaching Professor and Dean of Research  
SUNY ESF

Zulaika Rodriguez-Awoloyi (12/10-07/11)  
SUNY System Administration

Kenneth Saunders  
Executive Vice President  
Nassau Community College

William Shaut  
Vice President for Finance & Management  
SUNY Cortland

David Smith (09/10-07/11)  
President  
Upstate Medical University

Deborah Stanley  
President  
SUNY Oswego

Sam Stanley  
President  
Stony Brook University

Satish Tripathi (09/10-07/11)  
President  
University at Buffalo

Michael Trunzo (09/10-03/11)  
Vice Chancellor for Government Relations  
SUNY System Administration

James Van Voorst  
Vice President for Administration  
Binghamton University

Cliff Wood (09/10-07/11)  
President  
Rockland Community College

Phil Wood (09/10-01/11)  
General Manager of the State University Construction Fund  
Vice Chancellor for Capital Facilities  
SUNY System Administration

Bjong Wolf Yeigh (02/11-07/11)  
President  
SUNYIT

LEADERSHIP DEVELOPMENT

John M. Anderson  
President  
Alfred State College

Martha Asselin  
Vice President, Student Affairs  
Schenectady County Community College

Peter Baigent  
Vice President for Student Affairs  
Stony Brook University

Aimee Bernstein  
Associate Vice Chancellor  
SUNY System Administration

Quintin Bullock  
President  
Schenectady County Community College
Strategic Plan Transformation Teams

Lucia Cepriano  
Provost & Vice President for Academic Affairs  
Farmingdale State College

Iris Cook  
Distinguished Service Professor; Chair, Community College Relations Committee; FCCC Delegate  
Westchester Community College

John Dunn  
Dean of Administration  
Dutchess Community College

Julie Gondar (10/10–05/11)  
Former Student Assembly President University at Albany

Carl Hayden (10/10–11/11)  
Former Chairman, SUNY Board of Trustees

Virginia Horvath  
Vice President for Academic Affairs  
SUNY Fredonia

Muriel Howard  
President  
American Association of State Colleges & Universities

Bill Howard  
Senior Vice Chancellor, General Counsel and Secretary of the University  
SUNY System Administration

Brian G. Hutzley  
Vice Chancellor for Financial Services & Chief Financial Officer  
SUNY System Administration

Linda Ellen Jones  
Associate Vice President for Statutory Affairs  
New York State College of Ceramics at Alfred University

Nancy Kleniewski  
President  
SUNY Oneonta

Bob Kraushaar  
Associate Vice Chancellor for Faculty and Professional Development  
SUNY System Administration

Curtis L. Lloyd  
Vice Chancellor for Human Resources, Chief Human Resources Officer  
SUNY System Administration

Cathleen McColgin (10/10–10/10)  
Provost and Senior Vice President  
Onondaga Community College

Carlos Medina  
Assistant Provost for Diversity and Educational Equity Programs  
SUNY System Administration

Janet Nepkie  
SUNY Distinguished Service Professor; Professor of Music and Music Industry  
SUNY Oneonta

Susan D. Phillips  
Provost and Vice President for Academic Affairs  
University at Albany

Shirley Pippins  
Senior Vice President  
American Council on Education

Cariann Rene Quick  
Director of Campus Relations  
SUNY Student Assembly  
University at Albany

Henry Louis Taylor, Jr.  
Center for Urban Studies  
University at Albany

Kathryn Wunderlich  
Dean of Organizational Success & Learning  
Tompkins Cortland Community College

Nancy Zimpher  
Chancellor  
SUNY System Administration

INNOVATIVE INSTRUCTION

Jeffrey Bartkovich  
Vice President, Educational Technology Services  
Monroe Community College

Meg Benke  
Provost and Vice President for Academic Affairs  
Empire State College

Karen Elizabeth Benker  
Associate Dean for Community Public Health Affairs  
SUNY Downstate

Austin Booth  
University Librarian; Interim Associate Vice President for University Libraries  
University at Buffalo

Elizabeth Bringsjord  
Vice Provost and Vice Chancellor  
SUNY System Administration

Alan Davis  
President  
Empire State College

Donna Dixon  
Co-Director  
SUNY Press

Norman Goodman  
Distinguished Teaching Professor and Distinguished Service Professor; University Faculty Senate Rep  
Stony Brook University

Carey Hatch  
Associate Provost and Associate Vice Chancellor  
SUNY System Administration

Savitri Iyer  
Professor of Physics and Associate Dean of the College  
SUNY Geneseo

Linda Lamb  
Associate Dean of Continuing Education  
Herkimer County Community College

David Lavallee  
Executive Vice Chancellor and Provost  
SUNY System Administration

Mitch Leventhal  
Vice Chancellor for Global Affairs  
SUNY System Administration

Carlos Medina  
Assistant Provost for Diversity and Educational Equity Programs  
SUNY System Administration

Deborah Moeckel  
Assistant Provost for Community College Education  
SUNY System Administration

Rochelle Moznin  
Associate Clinical Professor  
SUNY Optometry

Bill Price  
Coordinator of Liberal Arts & Sciences  
North Country Community College

Kevin Rea  
Student Assembly, Ag/Tech Representative  
Maritime College
Appendices

Strategic Plan Transformation Teams

Stephan Rinnert  
Vice Chairman for Faculty Development and Education 
Downstate Medical Center

Kim Scalzo  
Director, Center for Professional Development  
SUNY System Administration

Clark Shah-Nelson  
Coordinator of Online Education  
SUNY Delhi

Peter Shea  
MERLOT project director  
University at Albany

Lisa Stephens  
FACTTT Chair; Associate Director, Academic Services, CIT  
University at Buffalo

Peter Thomas  
Program Director - Academic Planning and Analysis  
SUNY System Administration

Laurie Worrall  
Executive Director  
New York Campus Compact  
Cornell University

INFORMATION TECHNOLOGY

Jeffrey Bartkovich  
Vice President  
Educational Technology Services  
Monroe Community College

Gary Blose  
Assistant Provost for Institutional Research  
SUNY System Administration

Kyle Brown  
Director Information Services and Online Learning  
SUNY Canton

Gerry Drahos  
Vice President for Information Services  
The Research Foundation

Rob Drumm (12/10-02/12)  
Student Assembly  
Community College Representative  
Herkimer County Community College

James Dutcher  
Chief Information Officer  
SUNY Cobleskill

Don Erwin  
Sr. Associate Vice President  
Buffalo State College

Shelley Frederick (09/10-02/12)  
Assistant Vice Provost, Student Academic Records & Financial Services  
University at Buffalo

Rebecca M. Grace  
Senior Strategic Financial Analyst  
SUNY System Administration

Bill Grau  
Interim Executive Director, SICAS Center  
SUNY Oneonta

Christine Haile  
Chief Information Officer  
University at Albany

Carey Hatch  
Associate Provost and Associate Vice Chancellor  
SUNY System Administration

Tom Hull (05/11-02/12)  
Executive Director, Student Information & Campus Administrative Systems (SICAS) Center  
SUNY Oneonta

Brian G. Hutzley  
Vice Chancellor for Financial Services & Chief Financial Officer  
SUNY System Administration

Qasim Ijaz (09/10-02/12)  
Student Assembly, Director of Information Technology  
Alfred State College

David Lavallee  
Executive Vice Chancellor and Provost  
SUNY System Administration

Jon Lewit (09/10-02/12)  
Assistant Vice President of Technology  
SUNY New Paltz

Joseph Moreau  
Chief Technology Officer  
SUNY Oswego

Dan Nicolaescu  
Chief Information Officer  
Schenectady County Community College

Mike Notarius  
Chief Information Officer  
SUNY Information Technology Exchange Center

Monica Papagni  
Director of Instructional Technology, Chief Technology Officer  
Jefferson Community College

Theresa Pardo (09/10-02/12)  
Center for Technology in Government  
University at Albany

Ted Phelps  
Chief Information Security Officer  
SUNY System Administration

John Porter (09/10-02/12)  
Associate Provost  
SUNY System Administration

David Powalyk  
Chief Technology Officer  
SUNY System Administration

Mark Reed (09/10-02/12)  
Associate Vice President, Information Technology Services  
Binghamton University

Monica Rimai (09/10-07/11)  
Senior Vice Chancellor and Chief Operating Officer  
SUNY System Administration

Zulaika Rodriguez-Awoliyi (12/10-07/11)  
SUNY System Administration

Katie Rommel-Esham (09/10-02/12)  
Associate Professor, Education  
SUNY Geneseo

Marc Seybold (09/10-02/12)  
Chief Information Officer; Chair, SUNY Council of Chief Information Officers  
Old Westbury

Joseph Storch  
University Counsel’s Office  
SUNY System Administration

Charlie Young (09/10-05/11)  
Executive Director, Student Information & Campus Administrative Systems (SICAS) Center  
SUNY Oneonta
Strategic Plan Transformation Teams

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University at Albany

**Eileen Abrahams**  
Assistant Professor  
Schenectady County Community College

**Kaitlyn Beachner**  
President, SUNY Student Assembly and SUNY Board of Trustees, Student Representative  
Buffalo State College

**Denise Bukovan** (10/10-08/11)  
Assistant Vice Chancellor for Community Colleges  
SUNY System Administration

**Sharon Cramer**  
Distinguished Service Professor, Emeritus  
Buffalo State College

**Michael Delaney**  
Assistant Professor  
Erie Community College

**Julie Gondar** (10/10-08/11)  
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University at Albany

**Tina Good**  
President, Faculty Council of Community Colleges  
Suffolk County Community College

**Julie Gorman**  
Student Assembly, Director of Community College Affairs  
University at Albany

**Fred Hildebrand**  
Provost Fellow, Program Review and Planning  
SUNY System Administration

**Rochelle Mozlin**  
Associate Clinical Professor  
SUNY Optometry

**Kenneth O’Brien**  
President, SUNY Faculty Senate; Member, SUNY Board of Trustees  
SUNY Brockport

**June Ohrnberger**  
Director  
English as a Second Language Programs  
Suffolk County Community College

**Don Paulson**  
Assistant Professor  
North Country Community College

**Kimberley Reiser**  
Professor Biology  
Nassau Community College

**Rose Rudnitski**  
Associate Professor, Educational Administration  
SUNY New Paltz

**Dennis Showers** (10/10-08/11)  
Professor, Education  
SUNY Geneseo

**Susan Skripac Camp**  
Associate Professor, Vocational Teacher Preparation  
SUNY Oswego

**Dustin Swanger**  
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Fulton-Montgomery Community College

**Wolf Yeigh**  
President  
SUNYIT
Getting Down to Business Teams

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Faculty Council of Community Colleges

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Provost and Vice President for Academic Affairs
University at Albany

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Vice President for Finance & Management
SUNY Cortland

Ade Somide
Associate Budget Director for Policy and Analysis
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President
SUNY Oswego

Sam Stanley
President
Stony Brook University

James Van Voorst
Vice President for Administration
Binghamton University

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SUNY System Administration

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President
Alfred State College

Jean Boland
Vice President for Administrative Services and Information Technology
Morrisville State College

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Provost and Vice President for Academic Affairs
SUNYIT

Alan Finn
Senior Associate Budget Director
SUNY System Administration

Wendy Gilman
Budget Director
SUNY System Administration

Virginia Horvath
Vice President for Academic Affairs
SUNY Fredonia

James Paul Klyczek
President
Niagara County Community College

Tim Lever
Senior Budget Analyst
SUNY System Administration

Jeff McGrath
University Controller
SUNY System Administration

Kenneth O’Brien
President, SUNY Faculty Senate; Member, SUNY Board of Trustees
University Faculty Senate

Susan D. Phillips
Provost and Vice President for Academic Affairs
University at Albany

William Reuter
Chief Administrative & Financial Officer
Erie Community College

Kenneth Saunders
Executive Vice President
Nassau Community College

William Shaut
Vice President for Finance & Management
SUNY Cortland

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Chancellor’s Deputy for the Education Pipeline and Vice Chancellor for Community Colleges
SUNY System Administration

Jane Arnold
Associate Professor of English & Reading
Adirondack Community College

Thomas Bailey
Director
Community College Research Center
Columbia University

James Baldwin
District Superintendent
Questar III Boces for Rensselaer, Columbia, and Greene Counties

Charles Dedrick
District Superintendent
Capitol Region BOCES
Getting Down to Business Teams

Katherine Douglas
President
Corning Community College

Ellie Fosmire
President, NY Affiliate
National Association of Development Education

Matthew Fox
Director of Transitional Studies
Monroe Community College

Tina Good
President
Faculty Council of Community Colleges

Stacey Hengsteman
Assistant Vice Chancellor for Government Relations
SUNY System Administration

Donald Katt
President
Ulster County Community College

Theodore Koukounas
Academic Chair (Math)
Suffolk County Community College

Anne M. Kress
President
Monroe Community College

Jill Lansing
Director of Education Pipeline
SUNY System Administration

David Lavallee
Executive Vice Chancellor and Provost
SUNY System Administration

Karl Madeo
Director of CollegeNow
Tompkins Cortland Community College

Cathleen McCollin
Provost and Senior Vice President
Onondaga Community College

Carole McCoy
President
Jefferson Community College

Shaun L. McKay
President
Suffolk County Community College

Deborah Moeckel
Assistant Provost for Community College Education
SUNY System Administration

Ann Marie Murray
President
Herkimer County Community College

Maria Neira
Executive Vice President
NYSUT

Susan D. Phillips
Provost and Vice President for Academic Affairs
University at Albany

John Quaintance
Assistant Vice Chancellor for Community Colleges
SUNY System Administration

Luz Quinones
BA Student
SUNY Delhi

Barbara Risser
President
Finger Lakes Community College

Thomas Rogers
District Superintendent
Nassau BOCES

Kenneth Slentz
Deputy Commissioner P-12
NYSED

Kate Smith
Interim Dean
Monroe Community College

Dustin Swanger
President
Fulton-Montgomery Community College

Lonnie Threatte
Associate Deputy
NYS Assembly, Ways and Means

David Ziskin
Principal (Smart Scholars ECHS)
Amsterdam High School

Rebecca M. Grace
Senior Strategic Financial Analyst
SUNY System Administration

Jill Lansing
Director of Education Pipeline
SUNY System Administration

Tim Lever
Senior Budget Analyst
SUNY System Administration

John McDonald
Assistant for Strategic Planning
SUNY System Administration

Jeff McGrath
University Controller
SUNY System Administration

John Paris
Manager of Business Alignment
The Research Foundation

Gaby Peloquin
Technical Manager, Information Services
The Research Foundation

Edward Engelbride
Associate Provost
SUNY System Administration

CHANCELLOR’S ON-LINE EDUCATION ADVISORY GROUP

Nancy Zimpher
Chancellor
SUNY System Administration

Jeffrey Bartkovich
Vice President, Educational Technology Services
Monroe Community College

Meg Benke
Provost and Vice President
for Academic Affairs
Empire State College

DELIVERING ON THE SIX BIG IDEAS

Kaitlin Gambrill (chair)
Assistant Vice Chancellor
SUNY System Administration

Gary Blose
Assistant Provost for Institutional Research
SUNY System Administration

Jeff Boyce
Director of Research-Supported Economic Development
The Research Foundation

Sally Crimmins-Villela
Senior Associate Director
Office of International Programs
SUNY System Administration

Kaitlin Gambrill (chair)
Assistant Vice Chancellor
SUNY System Administration

Gary Blose
Assistant Provost for Institutional Research
SUNY System Administration

Jeff Boyce
Director of Research-Supported Economic Development
The Research Foundation

Sally Crimmins-Villela
Senior Associate Director
Office of International Programs
SUNY System Administration

Edward Engelbride
Associate Provost
SUNY System Administration
Getting Down to Business Teams

Austin Booth
University Librarian;
Interim Associate Vice President
for University Libraries
University at Buffalo

Elizabeth Bringsjord
Vice Provost and Vice Chancellor
SUNY System Administration

Kyle Brown
Director Information Services
and Online Learning
SUNY Canton

Alan Davis
President
Empire State College

Susan Deer
Vice President of Academic Affairs
Rockland Community College

Larry Dugan
Director of Online Learning
Finger Lakes Community College

Norman Goodman
Distinguished Teaching Professor
and Distinguished Service Professor
University Faculty Senate
Stony Brook University

Carey Hatch
Associate Provost and Associate
Vice Chancellor
SUNY System Administration

Daniel Knox
Student Mobility Project Coordinator
SUNY System Administration

Linda Lamb
Associate Dean of Continuing Education
Herkimer County Community College

David Lavallee
Executive Vice Chancellor and Provost
SUNY System Administration

Mitch Leventhal
Vice Chancellor for Global Affairs
SUNY System Administration

Linnea LoPresti
Assistant Provost for Academic Programs
SUNY System Administration

Jen LoTurco
Assistant Vice Chancellor
for External Affairs
SUNY System Administration

Tom Mackey
Dean, Center for Distance Learning
Empire State College

John Nader
Provost
SUNY Delhi

Janet Nepkie
SUNY Distinguished Service Professor
Professor of Music and Music Industry
SUNY Oneonta

David O’Neill
Vice President for Integrated Technologies
Empire State College

Yvonne Petrella
Director of Extended Learning
SUNY Oswego

Alexandra Pickett
Director, SUNY Learning Network
SUNY System Administration

Jon Rubin
Director, SUNY Center for Collaborative
Online International Learning
SUNY Global

Kim Scalzo
Director, Center for Professional
Development
SUNY System Administration

Peter Shea
Faculty, MERLOT Project Director
University at Albany

Lisa Stephens
PACTT Chair; Associate Director,
Academic Services, CIT
University at Buffalo

Paul Tucci
Vice President for Administration
Empire State College

STUDENT MOBILITY TASK FORCE

David Lavallee (chair)
Executive Vice Chancellor and Provost
SUNY System Administration

Eileen Abrahams
Assistant Professor
Schenectady County Community College

Christopher Belle-Isle
Director, Career Center
Monroe Community College

Tina Good
President
Faculty Council of Community Colleges

Norman Goodman
Distinguished Teaching Professor
and Distinguished Service Professor;
University Faculty Senate
Stony Brook University

Jennifer Gottfried
Director
Transfer and Articulation Services
University at Buffalo

Daniel Knox
Student Mobility Project Coordinator
SUNY System Administration

Bob Kraushaar
Associate Vice Chancellor for Faculty
and Professional Development
SUNY System Administration

Wayne Locust
Vice Provost Enrollment Management
University at Albany

Cathleen McColgin
Provost and Senior Vice President
Onondaga Community College

Deborah Moeckel
Assistant Provost
for Community College Education
SUNY System Administration

Kenneth O’Brien
President, University Faculty Senate;
Member, SUNY Board of Trustees

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Provost and Vice President for
Academic Affairs
SUNY Cortland

Kimberley Reiser
Professor Biology
Nassau Community College

Ronald Sarner
Chair, Computer Information Sciences
SUNYIT

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AND SUCCESS TASK FORCE

David Lavallee (chair)
Executive Vice Chancellor and Provost
SUNY System Administration

Craig Abbey
Director, Office of Institutional Analysis
University at Buffalo

Barbara Beyerbach
Professor of Curriculum & Instruction
SUNY Oswego

Craig Billie
Associate Provost for Institutional
Research
SUNY System Administration

Gary Blose
Assistant Provost for Institutional
Research
SUNY System Administration

Bruce C. Bongarten
Provost and Vice President for
Academic Affairs
SUNY ESF
Getting Down to Business Teams

Elizabeth Bringsjord
Vice Provost and Vice Chancellor
SUNY System Administration

Eileen Cain Sherman
Assistant Vice President Office
of the Provost
University at Buffalo

Michael Cappeto
Director of Institutional Research
& Assessment
Maritime College

Sally Crimmins-Villela
Senior Associate Director,
Office of International Programs
SUNY System Administration

Mantosh Dewan
Distinguished Service Professor
and Chair, Psychiatry and Behavioral
Sciences
Upstate Medical University

Lynd Domina
Professor
SUNY Delhi

Susan Faerman
Vice Provost and Dean for Undergraduate
Education
University at Albany

Candice Foley
College Associate Dean of Curriculum
Development
Suffolk County Community College

Barbara Garri
Associate Dean, School of Education
SUNY Oswego

Tina Good
President
Faculty Council of Community Colleges

Norman Goodman
Distinguished Teaching Professor
and Distinguished Service Professor;
University Faculty Senate
Stony Brook University

S.G. Grant
Dean of the School of Education
Binghamton University

Carey Hatch
Associate Provost
and Associate Vice Chancellor
SUNY System Administration

Stephen Joseph Havlovic
Vice President for Academic Affairs
Alfred State College

Virginia Horvath
Vice President for Academic Affairs
SUNY Fredonia

Marie Iglesias-Cardinale
Professor, English
Geneseo Community College

Daniel Knox
Student Mobility Project Coordinator
SUNY System Administration

Bob Kraushaar
Associate Vice Chancellor for Faculty
and Professional Development
SUNY System Administration

Jinrong Li
Associate Director for University Studies
SUNY System Administration

Linnea LoPresti
Assistant Provost
SUNY System Administration

Carlos Medina
Assistant Provost for Diversity
and Educational Equity Programs/
Associate Vice Chancellor
SUNY System Administration

Deborah Moeckel
Associate Provost
SUNY System Administration

Donald Nieman
Dean, Harpur College of Arts & Sciences
Binghamton University

Kenneth O’Brien
President, SUNY Faculty Senate;
Member, SUNY Board of Trustees
SUNY University Faculty Senate

John Penrose
Professor of Chemistry and
Department Chair
Jefferson Community College

Mark Reisinger
Associate Professor and Undergraduate
Director of Geography
Binghamton University

Paul Schacht
Professor of English
SUNY Geneseo

Shadi Shahedipour-Sandvik
Associate Professor
University at Albany

Michael Snyder
Community College Representative,
SUNY Student Assembly
Monroe Community College

Wendy Tarby
Director, Institutional Effectiveness
Onondaga Community College

Jianping Wang
Associate Dean for Student Affairs,
Arts & Humanities
Westchester Community College

Nancy Willie-Schiff
Assistant Provost
for Undergraduate Education
SUNY System Administration

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SUNY System Administration

Nancy Zimpher (co-chair)
Chancellor
SUNY System Administration

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Stony Brook University

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Administration & Finance
Upstate Medical University

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SUNY Oswego

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Academic Services
Monroe Community College

John Nader
Provost
SUNY Delhi

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Vice President Admin. & Enrollment
Alfred State College

Satish Tripathi
President
University at Buffalo
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Cornell Statutory Colleges
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Finger Lakes CC Larry Dugan
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Nassau CC Anne Emmerson
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Scott Harwood Lynne Kemp
Old Westbury Ed Bever Raul Zevallos
Oneonta Jim Greenberg Hanfu Mi
Onondaga CC Mary Bryant
Optometry Rochelle Mozlin
Orange County CC David Kohn
Oswego John Kane Plattsburgh
Bill Pfaff
Potsdam Ray Bowdish Romeyn Prescott
Purchase Keith Landa Rockland CC
Lynn Aaron Stony Brook University
Patricia Aceves
Frank Fowler
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Suffolk CC -Eastern Helen Wittmann
Suffolk CC -Grant Carl Struck
Sullivan CC Richard McElrath
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Russell Kahn
Tompkins Cortland CC
Ken Whitener Bob Yavits
Ulster County CC John Ganio
Upstate Medical University Joe Smith
Westchester CC
Denise Sullivan
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SUNY ESF

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Nick Lyons
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George LaRosa
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Jean Boland
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Susan Phillips
University at Albany

Patrick O’Sullivan
Old Westbury

Roger Sullivan
SUNY Oneonta

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University Faculty Senate

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SUNY System Administration

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SUNY System Administration

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SUNY System Administration

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SUNY System Administration

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SUNY System Administration

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SUNY System Administration

Simeon Banister
SUNY System Administration

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Research Foundation

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SUNY System Administration

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SUNY Canton

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Maritime College

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Nancy Willie-Schiff
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Nassau Community College

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Brockport/University Faculty Senate

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Stony Brook University

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Mark Prus
SUNY Cortland

Robert Kraushaar
SUNY System Administration

Deborah Moeckel
SUNY System Administration

Chris Belle-Isle
Monroe Community College

Wayne Locust
University at Albany
## Programs of Study Tentatively Planned for Introduction

### University at Albany
- Adolescence: Special Education Generalist - M.S.
- Economics - B.S./M.A.
- Peace Corps Master’s International (PCMI) – Public Administration - M.P.A.

### University at Albany/Downstate Medical Center
- Medicine/Nanoscale Engineering - M.D./Ph.D.
- Medicine/Nanoscale Sciences - M.D./Ph.D.

### Binghamton University
- Asian & Asian American Studies - B.A./M.A.
- Chinese Adolescence Education - M.A.T.
- Community & Public Affairs - Ph.D.
- Environmental Studies/Public Administration - B.A./M.P.A.
- French/French Adolescence Education - B.A./M.A.T.
- German Cultural Studies - Adv. Cert.
- Judaic Studies/Public Administration - B.A./M.P.A.
- Philosophy, Politics, & Law/Public Administration - B.A./M.P.A.
- Spanish/Spanish Adolescence Education - B.A./M.A.T.

### University at Buffalo
- Architecture - M.S.
- Biomedical Engineering - M.S.
- Biomedical Engineering - Ph.D.
- Clinical Laboratory Technology - M.S.
- Data-Intensive Computing - Cert.
- Genetics, Genomics & Bioinformatics - M.S.
- Genetics, Genomics & Bioinformatics - Ph.D.
- International Trade - B.A.
- International Trade - M.A.
- Jewish Studies - B.A.
- Urban & Regional Planning - Ph.D.

### University at Buffalo/Brock University
- Canadian-American Studies - M.A.

### Stony Brook University
- Computer Engineering - M.E.
- Computer Science - M.S.
- Contemporary Asian Studies - M.A.
- Electrical Engineering - M.E.
- Electrical Engineering Online - B.S.
- Health & Rehabilitation Sciences - Ph.D.
- Health Care Quality & Patient Safety - M.S.
- Marine Sciences/Marine & Atmospheric Sciences - B.S./M.S.
- Materials Science & Engineering - M.E.
- Mechanical Engineering - M.E.
- Medical Humanities, Compassionate Care & Bioethics - M.A.
- Medicine/Public Health - M.D./M.P.H.
- Nursing Education - M.S.
- Nursing Leadership - M.S.
- Nutrition - M.S.
- Organizational Leadership - M.S.
- Quantitative Finance - M.E.
- School Building Leader - M.P.S.
- Sustainability Studies/Business Administration - B.A./M.B.A.

### SUNY Korea (at Songdo Global University)
- Computer Science - Ph.D.
- Information Systems Engineering - M.S.
- Technological Systems Management - M.S.
- Technology Policy and Innovation - Ph.D.

### Downstate Medical Center

### Upstate Medical University
- Clinical Nurse Specialist - D.N.P.
- Family Nurse Practitioner - D.N.P.
- Family Psychiatric Mental Health Nurse Practitioner - D.N.P.
- Pediatric Nurse Practitioner - D.N.P.

### College of Environmental Science & Forestry
- Environmental Health - B.S.
- Environmental Resources Engineering - M.P.S.
- Environmental Resources Engineering - M.S.
- Environmental Resources Engineering - Ph.D.
- Paper & Bioprocess Engineering - M.P.S.
- Paper & Bioprocess Engineering - M.S.
- Paper & Bioprocess Engineering - Ph.D.
- Sustainable Construction Management & Wood Science - M.P.S.
- Sustainable Construction Management & Wood Science - M.S.
Appendices

Programs of Study Tentatively Planned for Introduction

Sustainable Construction Management & Wood Science - Ph.D.
Sustainable Energy Management - B.S.
Sustainable Engineering Management - M.P.S.

Maritime College
Facilities Management Engineering - M.S.

College of Optometry
Optometry/Vision Science - O.D./M.S.

SUNYIT
Applied Mathematics - M.S.
Civil Engineering - B.S.
Community & Behavioral Health - B.S.
Mechanical Engineering - B.S.
Network & Computer Security - M.S.
Nursing Practice - D.N.P.
Systems Engineering - M.S.

NYS College of Human Ecology at Cornell University
Developmental Psychology/Law - Ph.D./J.D.

College at Brockport

Buffalo State College
Family & Consumer Sciences Education - B.S.
Great Lakes Ecosystems Science - M.A.
Great Lakes Ecosystems Science - M.S.
Mathematical Physics - B.S.
Mechanical Engineering Technology - M.S.
Music Education - Mus.M.
Museum Studies - M.A.
Public & Nonprofit Management - M.P.A.
Science Education - M.S.
Science Education - M.S.Ed.

SUNY Cortland
Biochemistry - B.S.
Sustainable Energy - M.S.

Empire State College
Adolescence Education - M.A.T.
Adult Learning - M.A.
Business & Environmental Sustainability - Cert.
Global Leadership - M.B.A.
Learning & Emerging Technologies - M.A.
Management for Accountants - M.B.A.
Middle Childhood Education - M.A.T.
Nursing - B.S.N./M.S.
Nursing - M.S.
Public Affairs - B.A.
Public Affairs - B.P.S.
Public Affairs - B.S.
Special Education 7-12 - M.Ed.
Special Education 7-12 (Transition B) - M.Ed.
Teaching & Learning: Principles and Pedagogy - M.Ed.

SUNY New Paltz
Astronomy - B.A.
Biochemistry - B.S.
Computer Engineering/Electrical Engineering - B.S./M.S.
Digital Media Production - B.A.
Digital Media Production - B.S.
Digital Media Programming & Management - B.A.
Digital Media Programming & Management - B.S.
Electrical Engineering - B.S./M.S.
Teaching English Language Learners - Adv. Cert.

College at Old Westbury
Accounting - B.S./M.S.
Accounting/Taxation - B.S./M.S.
Adolescence Education: Clinical Model - M.A.T.
Adolescence Literacy Education - MS
Adolescence Special Education - MS
Childhood Literacy Education - MS
Childhood Special Education - M.S.
Liberal Studies - M.A.
Visual Arts - B.F.A.

College at Oneonta
Biology - B.S./M.S.
Fashion & Textiles - B.S.
International Development Studies - B.A.
Lake Management - M.S.
Mathematics - M.A.
Science Museum Studies - M.S.

SUNY Oswego
Electrical & Computer Engineering - B.S.
Health Information Technology - Adv. Cert.
Interdisciplinary Trauma Studies - Adv. Cert.
Students w/Disabilities 7-12 Generalist/Adolescence:
   Ed 7-12 Biology - M.A.T.
   Students w/Disabilities 7-12 Generalist/Adolescence:
   Ed 7-12 Chemistry - M.A.T.
   Students w/Disabilities 7-12 Generalist/Adolescence:
   Ed 7-12 Earth Science - M.A.T.
   Students w/Disabilities 7-12 Generalist/Adolescence:
   Ed 7-12 Mathematics - M.A.T.
## Programs of Study Tentatively Planned for Introduction

| SUNY Cobleskill | Applied Psychology - B.S.  
| Paramedic - Cert.  |
| --- | --- |
| SUNY Delhi | Integrated Energy Systems - A.A.S.  
| Integrated Energy Systems - A.O.S.  |
| Farmingdale State College | Civil Engineering Technology - B.S.  
| Engineering Technology Management - M.S.  
| Global Business Management - B.S.  
| Sustainable Energy Technology - B.S.  |
| Morrisville State College | Applied Psychology - B.S.  
| Architecture - B.Arch.  
| Adirondack Community College | Creative Writing - A.A.  |
| Broome Community College | Entrepreneurship - A.A.S.  
| Environmental Science - A.S.  
| Histological Technician - Cert.  
| Manufacturing Technology - A.A.S.  
| Medical Administrative Skills - Cert.  
| Physical Therapy Aide - Cert.  
| Visual Communication Arts - A.S.  |
| Cayuga Community College | Health Sciences - A.S.  
| Information Technology - A.S.  |
| Cayuga Community College (Fulton) | Information Technology - A.S.  |
| Clinton Community College | Criminal Justice - A.A.  
| Renewable Energy Technologies - A.A.S.  
| Renewable Energy Technologies - Cert.  |
| Corning Community College | Energy Process Technology - A.A.S.  |
| Dutchess Community College | Aviation Management - A.S.  |
| Fashion Institute of Technology | Digital Still Photography - Cert.  
| Film & Media - B.S.  
| Gemology - Cert.  
| Retail Management - Cert.  
| Sustainable Packaging Design - Cert.  |
Programs of Study Tentatively Planned for Introduction

Finger Lakes Community College
Culinary Arts - A.A.S.
Culinary Arts - Cert.
Paralegal - Cert.

Fulton-Montgomery Community College
Health Sciences - A.S.
Health Studies - A.A.S.

Herkimer Community College
Criminal Justice: Crime & Intelligence Analysis - A.A.S.
Quality Assurance - A.A.S.
Quality Assurance - Cert.

Hudson Valley Community College
Animal Advocacy - Cert.
Automotive Management - A.A.S.
Entrepreneurship - A.A.S.
Polysonography - A.A.S.
Semiconductor Technology - Cert.

Jamestown Community College
Environmental Science - A.S.

Jefferson Community College
Chemical Dependency - A.A.S.
Fire Protection Technology - Cert.
Physical Education - A.S.
Sports Management - A.S.
Winery Management & Marketing - Cert.

Mohawk Valley Community College
Criminal Justice - A.S.
Geospatial Technology - A.A.S.

Monroe Community College (Brighton)
Applied Integrated Technology - A.A.S.
Clinical Laboratory Technician/Medical Laboratory Technician - A.A.S.
Liberal Arts and Sciences: Humanities - A.A.
Solar Thermal Technology - Cert.
Sport Management - A.S.
Sustainability Studies - A.S.
Theatre Arts - A.S.

Monroe Community College (Damon City)
Liberal Arts and Sciences: Humanities - A.A.
Sport Management - A.S.
Sustainability Studies - A.S.

Nassau Community College
Biology - A.S.
Emergency Management - A.S.
Energy Management & Systems Technology - A.A.S.
Sustainability Studies - A.S.

Niagara County Community College
Biotechnology - A.S.
Data Center Operations - A.A.S.
Energy Management & Systems Technology - A.A.S.
Horticulture - A.A.S.
Massage Therapy - A.A.S.
Wind Turbine Technology - A.A.S.

Onondaga Community College
Human Services - Cert.

Orange County, Rockland, Sullivan County, and Ulster County Community Colleges
Green Building Maintenance & Management - A.A.S.

Orange County Community, Sullivan County, and Ulster County Community Colleges
Cyber Security - A.A.S.

Rockland Community College
Accounting - A.S.
Corporate & Homeland Security - A.S.
Engineering Science - A.S.
International Business - A.S.
Marketing - A.S.
Medical Informatics Technology - A.S.

Schenectady County Community College
Chemical Dependency Counseling - Cert.
Medical Coding and Billing - Cert.

Suffolk County Community College (Ammerman)
Communication Studies - A.A.

Suffolk County Community College (Eastern)
Communication Studies - A.A.

Suffolk County Community College (Western)
Communication Studies - A.A.

Sullivan County Community College
Psychology - A.S.
Respiratory Care - A.A.S.

Tompkins Cortland Community College
Digital Cinema - A.S.
Recreation: Exercise Studies - A.S.
Wine Marketing - Cert.

Ulster County Community College
Fashion Design - A.S.
Surveying Technology - A.A.S.

Westchester Community College
Environmental Science - A.S.
Environmental Studies - A.S.
Journalism - A.S.
Veterinary Technology - A.A.S.
## Master Plan Amendments 2004-2012

<table>
<thead>
<tr>
<th>Campus</th>
<th>Program Name</th>
<th>Award</th>
<th>Approved by Board of Trustees</th>
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<td>Albany</td>
<td>Nanoscale Engineering</td>
<td>B.S.</td>
<td>6/16/2009</td>
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<td>Empire State</td>
<td>Nursing</td>
<td>B.S.N.</td>
<td>11/27/2007</td>
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<td>Old Westbury</td>
<td>Mental Health Counseling</td>
<td>M.S.</td>
<td>3/11/2008</td>
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<td>Plattsburgh</td>
<td>Adirondack Community College</td>
<td>Branch</td>
<td>11/28/2006</td>
</tr>
<tr>
<td>Plattsburgh @Adirondack</td>
<td>Adolescence Education</td>
<td>M.S.T.</td>
<td>11/28/2006</td>
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<tr>
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<td>Childhood Education</td>
<td>B.S.</td>
<td>11/28/2006</td>
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<td></td>
<td>Criminal Justice</td>
<td>B.S.</td>
<td>11/28/2006</td>
</tr>
<tr>
<td></td>
<td>Curriculum &amp; Instruction</td>
<td>M.S.Ed.</td>
<td>11/28/2006</td>
</tr>
<tr>
<td>Alfred - Main</td>
<td>Digital Media &amp; Animation</td>
<td>B.S.</td>
<td>1/11/2007</td>
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<tr>
<td></td>
<td>Nursing</td>
<td>B.S.</td>
<td>1/19/2010</td>
</tr>
<tr>
<td>Canton</td>
<td>Alternative &amp; Renewable</td>
<td>B.Tech.</td>
<td>5/24/2005</td>
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<tr>
<td></td>
<td>Energy Applications</td>
<td>B.Tech.</td>
<td>7/18/2006</td>
</tr>
<tr>
<td>Cobleskill</td>
<td>Agricultural Biotechnology</td>
<td>B.S.</td>
<td>3/13/2006</td>
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<tr>
<td></td>
<td>Communication in Technology</td>
<td>B.S.</td>
<td>10/26/2007</td>
</tr>
<tr>
<td></td>
<td>Information Technology</td>
<td>B.Tech.</td>
<td>10/31/2007</td>
</tr>
<tr>
<td>Delhi</td>
<td>Architectural Design &amp; Building</td>
<td>B.Tech.</td>
<td>1/25/2005</td>
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<tr>
<td></td>
<td>Information Technology: Network Administration</td>
<td>B.Tech.</td>
<td>6/17/2005</td>
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<tr>
<td></td>
<td>Nursing</td>
<td>B.S.N.</td>
<td>5/31/2007</td>
</tr>
<tr>
<td>Delhi@Schenectady</td>
<td>Criminal Justice</td>
<td>B.S.</td>
<td>6/29/2010</td>
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<tr>
<td>Morrisville - Main</td>
<td>Human Performance &amp; Health Promotion</td>
<td>B.S.</td>
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<tr>
<td>Morrisville - Norwich</td>
<td>Early Childhood</td>
<td>A.A.S.</td>
<td>11/9/2005</td>
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<td></td>
<td>Human Services</td>
<td>A.A.S.</td>
<td>11/9/2005</td>
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<tr>
<td>SUNYIT</td>
<td>Biology</td>
<td>B.S.</td>
<td>11/28/2006</td>
</tr>
<tr>
<td></td>
<td>Electrical &amp; Computer Engineering</td>
<td>B.S.</td>
<td>11/17/2009</td>
</tr>
<tr>
<td>Cayuga</td>
<td>Fulton Center - 806 Broadway Street, Fulton, New York 13069</td>
<td>Branch</td>
<td>7/15/2005</td>
</tr>
<tr>
<td>Cayuga - Fulton</td>
<td>Business: Business Administration</td>
<td>A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Business: Business Administration</td>
<td>A.A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Computer Information Systems</td>
<td>A.A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Computer Science</td>
<td>A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Criminal Justice: Corrections</td>
<td>A.A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Criminal Justice: Police</td>
<td>A.A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Liberal Arts &amp; Sciences: Humanities &amp; Social Science</td>
<td>A.A.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Liberal Arts &amp; Sciences: Mathematics &amp; Science</td>
<td>A.S.</td>
<td>7/15/2005</td>
</tr>
<tr>
<td></td>
<td>Nursing</td>
<td>A.A.S.</td>
<td>6/17/2008</td>
</tr>
<tr>
<td>Orange</td>
<td>One Washington Center, Newburgh, NY</td>
<td>Branch</td>
<td>3/11/2008</td>
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<tr>
<td>Orange@Newburgh</td>
<td>Business Management</td>
<td>A.A.S.</td>
<td>3/11/2008</td>
</tr>
<tr>
<td></td>
<td>Early Childhood Development &amp; Care</td>
<td>A.A.S.</td>
<td>3/11/2008</td>
</tr>
<tr>
<td></td>
<td>Human Services</td>
<td>A.S.</td>
<td>3/11/2008</td>
</tr>
<tr>
<td></td>
<td>Liberal Arts: Humanities &amp; Social Science</td>
<td>A.A.</td>
<td>3/11/2008</td>
</tr>
<tr>
<td></td>
<td>Nursing</td>
<td>A.A.S.</td>
<td>3/11/2008</td>
</tr>
</tbody>
</table>
Memoranda to Presidents 2010-11

Memorandum to Presidents, Vol 10 (1), Policy and Guidance: State University General Education Requirement

This memorandum explains University policy on general education based on three resolutions:

- Trustees Resolution 2009-138, Reaffirmation and Strengthening of the State University Board of Trustees Policy on Student Mobility (Transfer and Articulation), of November 17, 2009;
- Trustees Resolution 2010-006, Amendments to General Education Requirement, of January 19, 2010; and
- Trustees Resolution 2010-039, Streamlining the State University Board of Trustees Policy on Assessment, of March 23, 2010.


Memorandum to Presidents, Vol 10 (2), Policy and Guidance: Assessment

This memorandum provides guidance on implementing the State University’s Board of Trustees Resolution 2010-039 Streamlining the State University Board of Trustees Policy on Assessment, of March 23, 2010.


Memorandum to Presidents, Vol 11 (1), Policy and Guidance: State University Student Mobility Policies

This memorandum explains University policy on student mobility based on resolutions adopted by the State University Board of Trustees:

- Trustees Resolution 2009-138, Reaffirmation and Strengthening of the State University Board of Trustees Policy on Student Mobility (Transfer and Articulation), of November 17, 2009; and

State University of New York Five-Year Enrollment Plan

SUNY’s five-year enrollment projections suggest headcount will rise from 468,004 students in fall 2011 to more than 481,000 by fall 2015, with roughly 13,000 more students served. As shown in the table below, annual average full-time equivalents are expected to increase by just over 3 percent, with sector proportions remaining relatively stable.

Projected Enrollment in Annual Average Full-time Equivalents (AAFTE) through 2015-16

<table>
<thead>
<tr>
<th></th>
<th>Actual 2010-11</th>
<th>Projected 2015-16</th>
<th>Projected Total Change</th>
<th>Projected Mean Annual Change</th>
<th>Current Proportion of SUNY</th>
<th>Projected Proportion of SUNY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Colleges</td>
<td>194,202</td>
<td>204,064</td>
<td>5.1%</td>
<td>1.0%</td>
<td>50%</td>
<td>51%</td>
</tr>
<tr>
<td>Colleges of Technology</td>
<td>20,426</td>
<td>21,523</td>
<td>5.4%</td>
<td>1.1%</td>
<td>5%</td>
<td>5%</td>
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<tr>
<td>Comprehensive Colleges</td>
<td>82,012</td>
<td>82,391</td>
<td>0.5%</td>
<td>0.1%</td>
<td>21%</td>
<td>20%</td>
</tr>
<tr>
<td>Research University Centers</td>
<td>77,165</td>
<td>77,478</td>
<td>0.4%</td>
<td>0.1%</td>
<td>20%</td>
<td>19%</td>
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<tr>
<td>Specialized Colleges</td>
<td>9,468</td>
<td>10,281</td>
<td>8.6%</td>
<td>1.7%</td>
<td>2%</td>
<td>3%</td>
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<tr>
<td>Statutory Colleges</td>
<td>6,280</td>
<td>6,238</td>
<td>-0.7%</td>
<td>-0.1%</td>
<td>2%</td>
<td>2%</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>389,553</strong></td>
<td><strong>401,975</strong></td>
<td><strong>3.2%</strong></td>
<td><strong>0.6%</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
</tr>
<tr>
<td>NYS HS Graduates</td>
<td>185,536</td>
<td>169,348</td>
<td>-8.7%</td>
<td>-1.8%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Projected 2015-16 AAFTE Distribution by Sector
## Appendices

### Educational Facility Multi-Year Capital Plans

*State Appropriated Funding 2008-09 Through 2012-13 (\$ thousands)*

<table>
<thead>
<tr>
<th>Allocations</th>
<th>Critical Maintenance</th>
<th>Strategic Initiatives</th>
<th>SUNY 2020 State Grant</th>
<th>Total Funding Levels</th>
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<tbody>
<tr>
<td><strong>Doctoral Institutions</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albany</td>
<td>$165,995</td>
<td>89,000</td>
<td>20,000</td>
<td>274,995</td>
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<tr>
<td>Binghamton</td>
<td>159,236</td>
<td>24,000</td>
<td>20,000</td>
<td>203,236</td>
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<tr>
<td>Buffalo University</td>
<td>329,468</td>
<td>353,000</td>
<td>20,000</td>
<td>702,468</td>
</tr>
<tr>
<td>Stony Brook</td>
<td>371,148</td>
<td>148,450</td>
<td>20,000</td>
<td>559,598</td>
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<tr>
<td><strong>Subtotal Doctoral Institutions</strong></td>
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<td>614,450</td>
<td>80,000</td>
<td>1,720,297</td>
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<td><strong>Other Doctoral Institutions</strong></td>
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<td></td>
<td></td>
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<tr>
<td>Brooklyn HSC</td>
<td>64,091</td>
<td>148,900</td>
<td>-</td>
<td>212,991</td>
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<td>Alfred Ceramics</td>
<td>14,117</td>
<td>9,000</td>
<td>-</td>
<td>23,117</td>
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<tr>
<td>Cornell Statutory</td>
<td>163,573</td>
<td>87,000</td>
<td>-</td>
<td>250,573</td>
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<td>Environmental Science &amp; Forestry</td>
<td>41,955</td>
<td>30,750</td>
<td>-</td>
<td>72,705</td>
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<td>Optometry</td>
<td>15,695</td>
<td>6,700</td>
<td>-</td>
<td>22,395</td>
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<td>Syracuse HSC</td>
<td>44,522</td>
<td>130,450</td>
<td>-</td>
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<td><strong>Subtotal Other Doctoral Institutions</strong></td>
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<td>412,800</td>
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<td>756,753</td>
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<td><strong>Comprehensive Colleges</strong></td>
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<tr>
<td>Brockport</td>
<td>96,742</td>
<td>29,300</td>
<td>-</td>
<td>126,042</td>
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<td>122,399</td>
<td>93,262</td>
<td>-</td>
<td>215,661</td>
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<td>82,873</td>
<td>51,200</td>
<td>-</td>
<td>134,073</td>
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<td>5,185</td>
<td>12,900</td>
<td>-</td>
<td>18,085</td>
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<td>Fredonia</td>
<td>67,259</td>
<td>78,000</td>
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<td>145,259</td>
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<td>Geneseo</td>
<td>70,209</td>
<td>19,350</td>
<td>-</td>
<td>89,559</td>
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<td>New Paltz</td>
<td>82,811</td>
<td>60,826</td>
<td>-</td>
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<td>45,934</td>
<td>13,000</td>
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<td>Oneonta</td>
<td>69,600</td>
<td>66,000</td>
<td>-</td>
<td>135,600</td>
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<td>Oswego</td>
<td>106,370</td>
<td>69,500</td>
<td>-</td>
<td>175,870</td>
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<td>Plattsburgh</td>
<td>69,655</td>
<td>20,400</td>
<td>-</td>
<td>90,055</td>
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<td>Potsdam</td>
<td>69,752</td>
<td>55,000</td>
<td>-</td>
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<td>Purchase</td>
<td>89,573</td>
<td>31,300</td>
<td>-</td>
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<td>600,038</td>
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<td>33,500</td>
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<td>71,145</td>
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<td>Canton</td>
<td>27,303</td>
<td>21,200</td>
<td>-</td>
<td>48,503</td>
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<td>35,360</td>
<td>41,900</td>
<td>-</td>
<td>77,260</td>
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<td>Delhi</td>
<td>30,975</td>
<td>7,000</td>
<td>-</td>
<td>37,975</td>
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<td>Farmingdale</td>
<td>76,357</td>
<td>39,325</td>
<td>-</td>
<td>115,682</td>
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<td>Maritime</td>
<td>30,744</td>
<td>34,500</td>
<td>-</td>
<td>65,244</td>
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<tr>
<td>Morrisville</td>
<td>41,879</td>
<td>6,000</td>
<td>-</td>
<td>47,879</td>
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<td>SUNY-IT</td>
<td>15,767</td>
<td>30,900</td>
<td>-</td>
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<td><strong>Subtotal Technology Colleges</strong></td>
<td>296,030</td>
<td>214,325</td>
<td>-</td>
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<td><strong>Other</strong></td>
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<tr>
<td>System Administration</td>
<td>23,308</td>
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<td>-</td>
<td>28,308</td>
</tr>
<tr>
<td><strong>Subtotal Other</strong></td>
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<tr>
<td>Systemwide</td>
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<tr>
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<td>1,890,613</td>
<td>80,000</td>
<td>4,720,613</td>
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</table>
## Community College Multi-Year Capital Plans

State Appropriated Funding 2008-09 Through 2012-13 ($ thousands)

<table>
<thead>
<tr>
<th>College</th>
<th>GSF</th>
<th>FTE</th>
<th>Local Share</th>
<th>State Share</th>
<th>Levels</th>
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<td>1,250</td>
<td>1,250</td>
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<td>Columbia-Greene CC</td>
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<td>Dutchess CC</td>
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<td>FIT CC</td>
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<td>Jefferson CC</td>
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<td>8,300</td>
<td>16,600</td>
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<td>Monroe CC</td>
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<td>22,185</td>
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<td>Nassau CC</td>
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<td>Niagara County CC</td>
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<td>37,954</td>
<td>37,954</td>
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<td>11,694</td>
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<td>Schenectady County CC</td>
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<td>Sullivan County CC</td>
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<td>27,700</td>
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<td>Tompkins CC</td>
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<td>Ulster County CC</td>
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<td>1,420</td>
<td>1,420</td>
<td>2,840</td>
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<tr>
<td>Westchester CC</td>
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<td>16,612</td>
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<td><strong>Subtotal Community Colleges</strong></td>
<td>18,792</td>
<td>194,378</td>
<td>557,619</td>
<td>557,619</td>
<td>1,115,238</td>
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<tr>
<td><strong>Systemwide</strong></td>
<td>-</td>
<td></td>
<td>20,000</td>
<td>20,000</td>
<td>20,000</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>-</td>
<td></td>
<td><strong>557,619</strong></td>
<td><strong>577,619</strong></td>
<td><strong>1,135,238</strong></td>
</tr>
</tbody>
</table>
# Residence Hall Multi-Year Capital Plans

State Appropriated Funding 2008-09 Through 2012-13 ($ thousands)

<table>
<thead>
<tr>
<th>Allocation</th>
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<td><strong>Doctoral Institutions</strong></td>
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<tr>
<td>Albany</td>
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<td>Binghamton</td>
<td>278,480</td>
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<tr>
<td>Buffalo University</td>
<td>14,298</td>
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<tr>
<td>Stony Brook</td>
<td>110,511</td>
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<tr>
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<tr>
<td><strong>Other Doctoral Institutions</strong></td>
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<tr>
<td>Brooklyn HSC</td>
<td>-</td>
</tr>
<tr>
<td>Alfred Ceramics</td>
<td>-</td>
</tr>
<tr>
<td>Cornell Statutory</td>
<td>-</td>
</tr>
<tr>
<td>Environmental Science &amp; Forestry</td>
<td>-</td>
</tr>
<tr>
<td>Optometry</td>
<td>-</td>
</tr>
<tr>
<td>Syracuse HSC</td>
<td>-</td>
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<tr>
<td><strong>Subtotal Other Doctoral Institutions</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Comprehensive Colleges</strong></td>
<td></td>
</tr>
<tr>
<td>Brockport</td>
<td>22,699</td>
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<tr>
<td>Buffalo College</td>
<td>10,820</td>
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<tr>
<td>Cortland</td>
<td>33,326</td>
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<tr>
<td>Empire State</td>
<td>-</td>
</tr>
<tr>
<td>Fredonia</td>
<td>28,800</td>
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<tr>
<td>Geneseo</td>
<td>13,100</td>
</tr>
<tr>
<td>New Paltz</td>
<td>15,505</td>
</tr>
<tr>
<td>Old Westbury</td>
<td>-</td>
</tr>
<tr>
<td>Oneonta</td>
<td>22,366</td>
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<tr>
<td>Oswego</td>
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<tr>
<td>Plattsburgh</td>
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<tr>
<td>Potsdam</td>
<td>21,547</td>
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<tr>
<td>Purchase</td>
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<td><strong>Subtotal Comprehensive Colleges</strong></td>
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<tr>
<td><strong>Technology Colleges</strong></td>
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<tr>
<td>Alfred State</td>
<td>-</td>
</tr>
<tr>
<td>Canton</td>
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</tr>
<tr>
<td>Cobleskill</td>
<td>3,497</td>
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<tr>
<td>Delhi</td>
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<tr>
<td>Farmingdale</td>
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<tr>
<td>Maritime</td>
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<td>SUNY-IT</td>
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<td><strong>Subtotal Other</strong></td>
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<tr>
<td><strong>Systemwide</strong></td>
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<td><strong>Grand Total</strong></td>
<td>$ 781,000</td>
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State University of New York Financial Report

2011 Revenues (in thousands)

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<th>Source</th>
<th>2011</th>
<th>2010</th>
<th>2009</th>
</tr>
</thead>
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<td>Federal grants and contracts</td>
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<td>710,642</td>
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</tr>
<tr>
<td>State, local, private grants and contracts, and other sources</td>
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<td>649,772</td>
<td>634,500</td>
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<td>Auxiliary enterprises</td>
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<td>818,545</td>
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<tr>
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<td>770,567</td>
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<tr>
<td>Nonoperating and other revenues</td>
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<td>Total revenues</td>
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<td>8,899,476</td>
<td>8,455,516</td>
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2011 Expenses (in thousands)

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<th>Source</th>
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<th>2010</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction</td>
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<td>2,044,597</td>
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<tr>
<td>Support services</td>
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<td>Scholarships and fellowships</td>
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<td>Depreciation and amortization</td>
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<td>9,489,857</td>
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