SUNY’S Impact on New York’s Congressional District 22

2006

Prepared for Representative Maurice Hinchey
District 22

Campuses

DOCTORAL DEGREE GRANTING INSTITUTIONS

Binghamton University is nationally recognized for excellence, innovation and effectiveness and is widely regarded as a “public ivy.” Located in the high-tech corridor of New York’s Southern Tier, Binghamton has expanded its presence in doctoral education and achieved impressive growth in sponsored research activity over the last decade.

The initial building of the university’s 21-acre Innovative Technologies Complex houses research in life sciences and enabling technologies. New York state’s first high technology commercialization center, The Small Scale Systems Integration and Packaging Center, is building partnerships with industries across the nation. Among the University’s intellectual strengths are the fields of electronics packaging, bioengineering, materials science, biomedical anthropology, psychobiology, chemistry and political science.

In addition to its liberal arts college, the University is home to four professional schools in nursing, management, education and engineering. Award winning international programs provide students with advanced knowledge of our global society. The university also home to two exciting new academic programs, each the first of its kind in the nation. The graduate program in biomedical anthropology provides a unique interdisciplinary approach to the study of disease transmission, while the evolutionary studies program provides an integrated approach to the study of evolution, beginning with core principles and extending in all directions, from molecular biology to art and religion.

Statutory Colleges at Cornell represent the creative synthesis of the rigorous intellectual tradition of the Ivy League and the democratic spirit of the great public university system. The result is international leadership in the following four areas: Agriculture and Life Sciences, Veterinary Medicine, Industrial and Labor Relations, and Human Ecology. Each college is consistently ranked with the best in the nation among institutions of its kind.

UNIVERSITY COLLEGES

SUNY New Paltz provides comprehensive bachelor and master’s degree programs in fine and performing arts, business, education, engineering and liberal arts and sciences. While being highly selective, it has a tradition of working closely with community colleges in the

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surrounding counties to provide well-articulated transfer options for their students. Its graduate programs in education serve hundreds of teachers in the region while the Master of Business Administration and Master of Fine Arts programs draw students from around the world. For 50 years the college has been a leader in international education and continues to expand opportunities for students to study abroad.

COMMUNITY COLLEGES

Broome Community College is a comprehensive community college that offers 12 transfer associate degree programs and 56 occupationally oriented associate degrees and certificates. The college plays a significant role in the economic development of the region by providing a wide variety of vocational and avocational non-credit courses. It has one of the largest and most comprehensive international programs among SUNY community colleges.

Orange County Community College was founded in 1950 as the first county-sponsored community college in New York State. Today OCCC has a main campus in Middletown an extension center in Newburgh and three satellite locations at the Monroe-Woodbury, Port Jervis, and Warwick Valley High Schools. OCCC offers 34 degree and 10 certificate programs. Of the more than 6,000 students, 40 percent continue their study at a bachelor degree-granting institution. The college is a leader in the health professions with its nursing and diagnostic imaging students passing national license and registry tests at a level much higher than the national level. The college’s continuing and professional education program plays a significant role in economic development.

Sullivan County Community College offers well over 30 programs of study ranging from traditional transfer programs to career oriented associate degree and certificate programs. Although the college is located in the rural Catskill Mountains, approximately 40 percent of its student body is from the metropolitan New York/Long Island area. SCCC plays an important role in business and industry training. Its Small Business Training Center offers accessible and cost-effective programs in a wide range of subjects.

Ulster County Community College, a dynamic, comprehensive community college, located in the heart of the Hudson River Valley, serves over 11,000 credit and noncredit students each year. Ulster offers 42 programs leading to associate's degrees in Science, Arts, or Applied Science or to certificates or diplomas. In addition, Ulster offers a certificate program in Business Studies that prepares “non-business” bachelor's degree holders to enter Master of Science in Business programs at SUNY New Paltz.
SUNY’s Impact on the Southern Tier

With unique strengths in high-tech science and engineering, the eight SUNY campuses in the Southern Tier provide key economic development resources for this region. The combined budgets of the campuses—Binghamton University, the College at Oneonta, the Statutory Colleges at Cornell (Agriculture and Life Sciences, Veterinary Medicine, Industrial and Labor Relations, and Human Ecology), Broome Community College and Corning Community College—total more than $1.1 billion of economic activity for the region. These colleges have a combined enrollment of 39,400 students and 10,500 employees on campuses that granted approximately 8,650 degrees in the last year. These SUNY colleges have capital construction budgets of $31.1 million and they are attracting millions of dollars of research funds in the areas of integrated electronics, engineering, bioengineering, cyber security, social sciences, education, workforce development, small business assistance and other areas.

Southern Tier Impact Summary

Campuses: 5  
Enrollment: 39,400  
Employees: 10,500  
Degrees Since Inception: 312,200  
Total All Funds Expenditures: $1.1 billion  
  — Payroll: $469.6 million  
  — Capital Construction: $31.1 million  
  — Research: $183.3 million  
Royalties From Inventions: $157,000  
2006 Appropriations: $2 million

SUNY Campuses Place High in National Rankings

U.S. News & World Report – America’s Best Colleges 2006
— Binghamton University placed #30 among the Top 100 Public National Universities.  
— The NYS College of Veterinary Medicine at Cornell consistently leads the nation.

SUNY New Paltz placed among the Top Public Universities – Master’s (North).
— Binghamton University was ranked #2 in the Kiplinger’s Personal Finance Top 100 Best Values among public colleges and universities:  
— Binghamton and Purchase listed among Best 361 Colleges by the Princeton Review  
— Purchase ranked 11th in the Princeton Review top 20 for great college theater.  
— Binghamton is among the top public schools in the country in terms of four-year graduation rates.

Other SUNY Resources

• Empire State College provides undergraduate degrees through regional centers and units located in the region.  
  — Binghamton  
  — Ithaca  
  — Highland  
  — Middletown

• Center of Excellence in Watershed Applications and Technology-Based Economic Revitalization (COE in Water) SUNY Delhi in conjunction with SUNY College of Environmental Science and Forestry (SUNY ESF) will work together to create a sustainable high-tech economy in the New York watershed. The four components of the COE in WATER include:
  — Establishment of a premier, national caliber water testing laboratory facility at SUNY Delhi.  
  — In partnership with the SUNY Center for Sustainable and Renewable Energy commence installation, production and energy applications for USDOE/USDA recognized SALIX energy crops for biomass feedstock on the watershed.  
  — Establish a pilot gasification facility at SUNY Delhi to demonstrate feasibility and suitability of a full-scale, biomass gasification combined heat and power opportunities plan for the watershed.  
  — Demonstrate use of post-treatment process water for golf course irrigation to enhance tourism and recreation.

• The Centers for Advanced Technology (CAT) program was created to use New York’s outstanding university research resources to create jobs and opportunity. Three of the 15 CATs are located on SUNY campuses in the Southern Tier.  
  — The Integrated Electronics Engineering Center (IEEC) at Binghamton University.  
  — The Center for Advanced Ceramic Technology at the NYS College of Ceramics at Alfred University.  
  — The Center for Biotechnology (CAT) at Cornell University.

• Through the NYS Small Business Development Center, SUNY administers three outreach centers that provide expert management, technical assistance and training to start-up and existing businesses in the region.  
  — Binghamton  
  — Kingston  
  — Margaretville