Promoting entrepreneurship and economic development in the Capital Region, throughout New York and beyond through:

- Education (such as MBA field projects, the Going Green Globally or "G3" program, nanotechnology track the MBA program, Professional Science Management program, an undergraduate major in economics and a concentration in entrepreneurship, the University at Albany Chapter of the Young Entrepreneurs Academy, science in the high schools and the STEM-focused Center for Achievement, Retention and Student Success, graduate and professional development courses and workshops on entrepreneurship and non-academic jobs)
- Sponsorship of the Tech Valley Regional Business Plan Competition on Renewable Energy and Sustainability.
- Funded study and review of the operations and activities of small business incubators, leading to a state-wide analysis of "best practices" on business incubators
- A entrepreneurial paradigm of "co-location" where industry and university researchers team-up on campus to advance science and discovery.
- University-community-business partnership to promote social entrepreneurship, a program of micro-loans to entrepreneurs, packaged with mentoring and guidance from graduate students in business and in social welfare and counselors at the Small Business Development Center.

Protecting our financial markets in partnership with regulators and market participants to improve the safety, stability, and competitiveness of our nation’s financial markets

Bolstering financial literacy by educating a wide range of consumers – especially vulnerable populations like the elderly – about protecting their assets and making smart financial decisions

#1 Ranked College of Nanoscale Science and Engineering, the first college of its kind in the world, is based at a $6 billion state-of-the-art, mega, research and development complex and serves as an economic development engine with over 250 global corporate
partners

- Doing the research on econometrics, economic forecasting, urban planning and policy, financial market regulation, technology development and commercialization, entrepreneurship
- Regional community partnerships such as the North East Regional Forensic Institute, MRP Program Planning Studios
- Industry partnerships with IBM, General Electric, Fluorine Chemical Technologies, SEMATCH, Tokyo Electron, Clean Air Technologies, SONY, Dow Corning, DuPont, Honeywell, Raytheon, and more
- International collaborations in our business incubator and tech park activities (such as the recent agreement between CNSE and the Autonomous Republic of Tatarstan, Russian Federation)
- Start-up ventures such as Autonomous Explorations (robotic technologies), HocusLocus (bioinformatics), X-Ray Optics
- Commercialization and tech transfer initiatives (such as insecticide development with Eco Spray, 747 aircraft window sealant development, RNA research innovation tech transfer, Partnership for Literacy, portable Raman instrument to aid crime scene investigations)

**UAlbany and the Seamless Education Pipeline**

- Partnerships with K-12 schools via initiatives such as creating Chinese language programs, library support for the Albany High School International Baccalaureate Program, the Capital Area School Development, the Greater Capital Region Teacher Center, Partnership for Literacy, Teacher Leader Quality Program: Building Learning Communities, Capital Region's National Writing Project, Collaborative grant for the Promise Neighborhood, Tech Valley High School—on UA's East Campus, Center for Achievement, Retention and Student Success in STEM fields, the Center for Autism Related Disorders statewide network, cradle to career success elements in demonstration projects and research grants (such as home visiting programs, full service schools, safe schools' grants, family supports, Liberty Partnership), outreach with a focus on marginalized and minority populations—mentoring, time-dollar initiatives, job placement, college inspiration, tutoring, GEAR-UP—and through the innovative "University in the High School" program which provides high-achieving high
schools students an opportunity to take college courses for credit

• **Pioneering partnerships to improve school achievement** with State, business and educational leaders to provide research-driven best practices and approaches to strengthen student performance in the classroom across the state—Just for the Kids, for New York Kids

• **Building a statewide prototype for academic and social success, starting with partnerships with SUNY System Administration, other SUNY institutions, and local groups to develop a cradle-to-career pipeline in Albany focused on helping young people.**

• **Partnerships with higher education institutions including transfer articulation agreements with Community Colleges, helping the development of a terminal Associate’s degree in public health preparedness, AGEP grant – participation with other SUNY University Centers in projects aimed at increasing participation by women and minorities in STEM field studies, and promoting degree completing rates, Transfer Experience coordination, as well as through the establishment of joint undergraduate-graduate degree programs with other public and private institutions of higher education**

• **Preparing professionals for birth-through-career education**
  - K-12 teachers, leaders, and other school personnel
  - Clinically rich teacher preparation initiatives
  - Creating a nation-wide Literacy Instruction online professional development resource on "response to intervention"
  - Graduate careers in higher education administration
  - Graduate careers in education policy with a special attention to global comparative studies
  - Preparing Future Faculty program
  - Graduate careers in non-traditional and business-related educational fields—online learning, software design, creation of educational materials, public service and corporate training
  - Educational researchers to work in institutions of higher education and research centers to contribute to growing knowledge of educational strategy

• **Professional, adult, and continuing education attending to the learning, upgrading, re-tooling needs of adult, part-time, and non-traditional learners**

• **Innovative educational delivery systems:** Delivering and supporting online courses, with the infrastructure and systems to support anytime/anywhere learning

• **Preparing for careers**— connecting students and alumni to facilitate careers and communication, internships, fellowships and community service programs, Career Opportunities in the Accounting Profession program to enhance diversity

• **Doing the research and capacity building for school improvement, including instructional,**
data systems, assessment and structural innovation, learning communities, literacy, teacher preparation and leadership pathway, school safety, and more

**UAlbany and a Healthier New York**

- **Providing research-based health services to the region through initiatives such as the** Center for Autism and Related Disabilities, the Psychological Services Center, school-based violence prevention and psychological intervention, and, on campus, via healthy nutrition and fitness options, alcohol abuse and sexual assault prevention programs

- **Informing health policy through research and analysis, including studies in key reform-related areas such as the patient-centered medical home, primary care delivery, health workforce planning, comparative effectiveness, long-term care, health disparities, payment reform, bioethics, and chronic disease prevention**

- **Education pathways to improving the health of New Yorkers: preparing a diverse health care workforce in**
  - Pre-health undergraduate Programs
  - Minority Health Disparities graduate certificate
  - Graduate degrees in public health, psychology, social welfare
  - Workforce development in aging and child welfare services

- **Doing the research to eliminate disease and promote health via such initiatives as the Center for the Elimination of Minority Health Disparities, the RNA Institute, the Prevention Research Center, the Center for Public Health Preparedness, the Center for Global Health, the Center for Excellence in Again and Community Wellness, the GenNYsis Center for Excellence in Cancer Research, the Center for Functional Genomics, biomedical research through the Life Sciences Initiative, NanoHealth and NanoMedicine initiatives, behavioral sciences, and health communications, research on comparative effectiveness of health treatment and disease management, research on environmental exposures and health**

**UAlbany and an Energy-Smart New York**

- **Curriculum aimed at sustainability in our communities – Through our undergraduate and graduate academic programs (e.g., geography and planning, etc.), our students are graduating and moving on to jobs where they are thinking holistically about making the world we live in more energy efficient and sustainable**

- **Doing the research on energy conservation in transportation, mass transit, biodiversity, zero-energy, climate change**
• Preparing energy-smart graduates via the campus sustainability initiative—new practices throughout the campus, on-campus student competitions, and coursework in sustainability across the curriculum

• Preparing the policy, research, and practice leaders in graduate programs in Atmospheric and Environmental Science, Regional Planning, and in Biodiversity, Conservation, and Policy

• R&D to advance renewable energy and energy efficiency through the Center for Sustainable EcoSystem Nanotechnologies and the Energy and Environmental Technology Applications Center (E2TAC)

• Greening the campus with LEED-certified new construction, campus recycling and energy reduction programs, NYSERDA awards to replace old IT storage technology and to reduce transportation greenhouse gases

UAlbany and the Vibrant Community

• The community’s center for arts and culture, through such initiatives as the Talking History Radio program, the Performing Arts Center, the Upstate NY Junior Science and Humanities Symposium, the University Chorale, the University-Community Symphony Orchestra, the Center for Jewish Studies, and the internationally renowned New York State Writers Institute

• University-community collaborations and exchanges in such programs as the National Weather Service, theme semesters, advisory councils, the College Fellows, OASIS, Bethlehem Humanities Institute for Lifelong Learning, Albany Institute for History and Art, State Museum and Cultural Center, the Libraries, and the University’s annual Community Day (i.e., Fall Festival)

• Partnerships for community development, in such programs as the SNUG project, SOAR assessment services for at-risk youth, police chief advisory committee, Girls Inc, Eurogang network, Retired Senior Volunteer Program

• Making a tremendous impact through community service, working to increase UAlbany’s impact in addressing critical public needs and issues as well as enhancing the quality of life through the Campus Committee on University-Community Engagement— the University’s nearly 23,500 students, faculty, and staff are truly making a difference and transforming lives through tens of thousands of hours of volunteerism and service to the communities around us

• Providing on-line community access to information about UAlbany’s programs and activities addressing the needs of key sectors ranging from business, education and government
to health, social welfare and the arts (visit UAlbany-Community Connections at http://www.albany.edu/outreach/)

- Preparing the next generation of community leaders, via
  - Public Health Leaders of Tomorrow Program in partnership with State and local health departments (LHD) and community-based organizations
  - North East Public Health Leadership Institute
  - Professional Development Program: Center for Public Health Continuing Education, Professional, Adult, and Continuing Education
  - Service learning—Internships, field placements, and community service learning opportunities, studio projects and other support for community and neighborhood planning

- Doing the research on community development, volunteerism, service learning, evidence-based practice, at-risk populations, crime prevention, NYLARNet public policy study for the Latino population

UAlbany and the World

- Expanding opportunities for international research, education, practice, and service via information technology services network, e-mail, online learning and other systems that enable faculty and students to connect throughout the world, the Center for Global Health, strengthening public health capacity through collaborative partnerships, and focused centers such as the Comparative and International Education Policy Program, the Institute for Mesoamerican Studies, the Center for International Development, and more

- Capacity building and higher education development in Peru, Ethiopia, Russia, South Korea, South Africa, Uganda, China, Turkey, Dominican Republic, Italy, Vietnam, Kuwait, Netherlands, Sweden, Costa Rica, Georgia, Estonia, Colombia, Spain, Portugal, Jamaica, Trinidad, Tobago, Ghana, Belize, Cyprus, Serbia, Haiti, Lebanon, Jordan, and more

- Increasingly internationalized education
  - Programs of study in global studies, strategic languages and cultures, comparative international education, international policy
  - General education requirements include coursework to enhance global awareness, knowledge of different cultures, and ability to interact effectively with persons from different cultural and regional backgrounds.
  - International study and exchange, including over 300 study abroad programs in over 50 countries, partnerships with the Peace Corps, faculty and scholar exchange
  - International internships, service learning and disaster response work, in diverse placements such as transnational corporate offices in Moscow, AIDS clinics in Tanzania, Buddhist monasteries in Thailand, shanty-town upgrading in India, and elementary schools in highland Peru
• Internationalizing the campus experience, through increasing international student recruitment, living-learning communities, faculty and student exchange programs, international research collaborations, Fulbright Gateway program, special programs for international and domestic student interaction, enhancing global awareness, understanding, and competency

• Doing the research addressing major global issues such as climate change, biodiversity, sustainable energy, adolescent development, aging, environmental contamination, epidemic disease, and crime; developing technologies and innovations to attract major international investment to New York State, and to enhance U.S. exports of goods and services.