2013-14 Directory of Organized Research Units

UNIVERSITY AT ALBANY
State University of New York

PHOTO CREDIT: MARK SCHMIDT
I am very pleased to introduce the Directory of Organized Research Units 2014. This publication provides an insight into the wealth of organized research activity being undertaken at the University at Albany.

The Directory reflects the current mission of new and long-standing centers at the University. In general, the centers and institutes listed in this publication assist faculty, students and community partners in advancing knowledge and pursuing excellence in research within and across fields.

Our organized research units represent the investment of millions of dollars from federal, state and private sources. As a public research university, the University at Albany is a place at the cutting edge of research and discovery, which advances new knowledge and learning and participates in meaningful community engagement and service. The wide range of exciting research endeavors undertaken at the university is also an engine of economic growth and development, contributing to the citizens and future of the local community and of New York State.

The Directory includes individual profiles of each research center, institute or specialized facility, detailing the background and current research activities of each unit. Further information regarding the activities of each unit may be obtained via their websites, by contacting their directors or by reaching out to the Office of the Vice President for Research at (518) 956-8170. A regularly updated list of University at Albany research centers, institutes and facilities is also available on our website at https://www.albany.edu/research/research-centers.php. Also available on that page is a link to the policies and procedures for establishing, operating and reviewing organized research units.

James A. Dias, Ph.D.
Vice President for Research
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Organized Research Units by Category

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- Center for Neuroscience Research
- The RNA Institute

**Computing and Information (see page 7 for profiles)**
- Institute for Informatics, Logics and Security Studies
- The New York State Center for Information Forensics and Assurance (CIFA)

**Education and Training (see page 7 for profiles)**
- Albany Institute for Research in Education
- Astronomical Observatory
- Capital Area School Development Association
- Capital District Writing Project
- Center for Achievement, Retention and Student Success
- Center for the Elimination of Minority Health Disparities
- Center on English Learning and Achievement
- Center for Language and International Communication
- Center for Public Health Continuing Education
- Center for Urban Youth and Technology
- Child Research and Study Center
- Evaluation Consortium
- Professional Development Program
- Regional Adult Education Network

**Government, Financial Markets and Public Safety (see page 10 for profiles)**
- Albany Small Business Development Center
- Center for Institutional Investment Management
- Center for International Development
- Center for Policy Research
- Center for Technology in Government
- Center for Women in Government and Civil Society
- Institute for Financial Market Regulation
- Institute for Traffic Safety Management and Research
- National Center for Security and Preparedness

**Humanities and Arts (see page 13 for profiles)**
- Center for Applied Historical Research
- Center for Humanities, Arts, and Technoscience
- Center for Jewish Studies
- Institute of Cypriot Studies
Physical Sciences (see page 14 for profiles)
- Atmospheric Sciences Research Center
- Center for Biochemistry and Biophysics
- Center for X-Ray Optics
- Institute of Biomolecular Stereodynamics
- Ion Beam Laboratory

Public Health (see page 16 for profiles)
- Center for Excellence in Aging Services and Community Wellness
- Center for Global Health
- Center for Health Workforce Studies
- Center for Innovation in Mental Health Research
- Center for Public Health Preparedness
- Global Institute for Health and Human Rights
- Institute for Health and the Environment

Social Sciences (see page 17 for profiles)
- Center for Autism and Related Disabilities
- Center for Economic Research
- Center for Human Services Research
- Center for Latino, Latin American and Caribbean Studies
- Center for Social and Demographic Analysis
- Econometrics Research and Training Institute
- Geographic Information System and Remote Sensing Laboratory
- Hindelang Criminal Justice Research Center
- Institute of Gerontology
- Institute for Mesoamerican Studies
- Institute for Research on Women
- Lewis Mumford Center
- National Center for Excellence in Homeless Services
- National Child Welfare Workforce Institute
- Social Work Education Consortium
Profiles of Organized Research Units

Biotechnology/Life Sciences

Center for Functional Genomics (CFG)
Martin Tenniswood, Director
1 Discovery Drive, Rensselaer, NY 12144
Phone: 518-591-7200
Email: ecfg@albany.edu
Web: http://albany.edu/genomics/
About: Created to foster the growth of biotechnology in the Capital Region, the CFG provides the scientific community with the infrastructure, instrumentation, and expertise necessary to perform cutting-edge biotechnology research, thus enabling University researchers to compete effectively when applying for federal grants.
The CFG maintains core competencies in genomics, proteomics, bioinformatics, microarray, transgenesis and cell and tissue culture. The services available at CFG are offered on a fee-for-service basis to commercial and educational organizations. The CFG also supports emerging biotechnology and biomedical companies with a business incubator that includes lab space, technological infrastructure, and a staff of highly experienced research scientists.

The RNA Institute
Paul Agris, Director
Life Sciences-2033
Phone: 518-437-4443
Fax: 518-437-4456
Email: rna@albany.edu
Web: http://www.albany.edu/rna/
About: The RNA Institute at the University at Albany leverages a new paradigm for development and delivery of innovative medicines, vaccines and diagnostics. It brings together leading researchers from higher education and other institutions, and offers advanced facilities for RNA-based drug discovery. The RNA Institute is a resource for small, medium and large businesses and aims to spur the development of start-up companies, new R&D centers, and other business operations in New York State. In collaboration with UAlbany School of Business faculty, The RNA Institute provides researchers with the tools and strategic know-how to assess the marketplace and successfully develop and commercialize intellectual property in the Capital Region. Outreach activities advance The RNA Institute as an economic engine for the State and the region through its public-private partnerships.

Center for Neuroscience Research
Gary Lnenicka, Director
Phone: 518-442-4309
Email: gregl@albany.edu
Web: www.albany.edu/neuroscience/center.shtml
Established 1968
Mission: The Center for Neuroscience Research fosters interdisciplinary research on the nervous system at the undergraduate, doctoral, and postdoctoral levels. Approaches range from anatomy, electrophysiology and behavior to biochemistry, genetics, endocrinology and molecular biology.
Computing and Information

Institute for Informatics, Logics and Security Studies
Tomek Strzalkowski, Director
Social Science 262
Phone: 518-442-3082
Web: http://www.ils.albany.edu/
About: The Institute's mission is to increase the University at Albany's reputation and visibility as a center of excellence in information technology research and education, contributing to various University-wide initiatives such as bio-informatics, information science, information assurance and security. Through collaboration with key members of academia, government, and industry, the Institute is working to develop educational programs, advance pioneering research, create innovative technologies, transfer valuable knowledge and expertise, and foster an environment of cooperation and trust among its partners.

The New York State Center for Information Forensics and Assurance (CIFA)
George Berg and Sanjay Goel, Directors
Phone: 518-956-8240
Fax: 518-956-8247
Email: cifa@albany.edu
Web: http://www.albany.edu/cifa/
Established 2003
About: Inform, train, and educate students, public employees, and citizens in information privacy, security, assets, and infrastructure protection.

Education and Training

Albany Institute for Research in Education
Judith Langer, Director
Education, B9
Phone: 518-442-5026
Fax: 518-442-5933
Web: http://www.albany.edu/aire/index.html
About: The Albany Institute for Research in Education (AIRED) was formed to foster state-of-the-art research and development projects designed to inform education, learning, leadership and human development for young people and adults both in and out of the classroom and across the lifespan.

Astronomical Observatory
John W. Delano, Director
Earth Sciences-313
Established 1971
Phone: 518-442-4479
Fax: 518-442-5525
Email: jdelano@albany.edu
About: The University’s Astronomical Observatory can be found within a dome located on the roof of the Earth Science Building. The instrument was purchased in 1971 from Boller and Chivens. The Cassegrain telescope has a diameter of 16-inches with a 4-inch refractor telescope attached as a finder scope. It is mounted on a permanent pier with polar axis and has electrical drives for right ascension and declination. The telescopes are also equipped with solar filters for safely viewing the Sun. The instrument is used for both public and private viewing of the skies. Public groups have ranged from elementary school children to college students from local institutions and students from UAlbany, such as McNair Scholars and Presidential Scholars. The Observatory is used on a regular basis as a supplement to introductory courses in the earth sciences. Performance-enhancing renovations on the interior and exterior of the observatory began in 2001, and continue today (e.g., CCD camera with digital link to a large screen in a classroom for comfortable, real-time viewing; Coronado 60mm, hydrogen-alpha telescope for safely viewing eruptions on the Sun).
Capital Area School Development Association
James Butterworth, Director
5 University Place A409, Rensselaer, NY 12144
Phone: 518-512-5198
Fax: 518-512-5226
Email: casda@albany.edu
Web: http://casdany.org/
About: The Capital Area School Development Association, the center for school improvement at the University at Albany, serves a unique role as a catalyst in the Greater Capital Region, raising consciousness about emerging educational challenges and promoting renewal and improvement in area schools and post-secondary institutions. CASDA plays a role as convener, bringing educators together to analyze and respond to current problems in the presence of research content. CASDA functions as a community builder, fostering the development of a regional learning community as it helps to shape agendas for research and development while encouraging the sharing of evidence-based practices.

Capital District Writing Project
Robert Yagelski, Director
Education - 113A
Phone: 518-442-5002
Email: cdwp@albany.edu
Web: http://cdwp.org/
About: The Capital District Writing Project is a community of educators working to improve writing, teaching, and learning in the region's schools. In partnership with the University at Albany School of Education, CDWP brings together teachers to engage in writing, to study writing and to create professional opportunities for teachers to work toward improving writing instruction.

Center for Achievement, Retention and Student Success
Rabi A. Musah, Director
University Library-70
Phone: 518-437-4442
Fax: 518-437-4440
Web: http://www.albany.edu/carss/
About: The Center for Achievement, Retention and Student Success (CARSS) is a federally funded program that represents a coordinated effort to effect a dramatic enhancement of recruitment and retention of students with Science and Mathematics majors. Our goal is to extend the academic support services offered at the University at Albany to a larger cohort of students with these majors and assist them in achieving their academic goals. CARSS offers a multitude of services geared toward developing academic excellence. The staff is committed to the overall well being and success of its students, and strives to create a positive and encouraging atmosphere for all students who use our services. Center services are free to all participants.

Center for the Elimination of Minority Health Disparities
Lawrence Schell, Director
Earth Sciences-0028
Phone: 518-442-4904
Email: lschell@albany.edu
Web: www.albany.edu/cemhd
About: CEMHD is a collaborative effort focusing on minority health disparities in the smaller cities and towns of New York. We work toward eliminating health disparities by developing capacity in faculty at the University at Albany and partnering with community groups to identify their health concerns and the sources of disparities, and then plan, implement and test strategies to alleviate them.
Center on English Learning and Achievement
Judith Langer and Arthur Applebee, Co-Directors
Education B9
Phone: 518-442-526
Fax: 518-442-5933
Web: http://www.albany.edu/cela/
About: Pursuing research dedicated to gaining knowledge to improve students’ English and literacy achievement.

Center for Language and International Communication
Frédéric Méni, Coordinator
Humanities-311
Phone: 518-442-4113
Email: clic@albany.edu
Web: www.albany.edu/clic
About: The mission of the Center for Language and International Communication at the University at Albany is to promote the learning and teaching of world languages and cultures as well as provide a variety of support services that develop meaningful communication in second languages through the use of technology and other instructional media.

Center for Public Health Continuing Education
Dawn Bleyenberg, Director
One University Place, 202, Rensselaer NY 12144
Phone: 518-402-0330
Web: http://www.albany.edu/sph/cphce/index.shtml
About: The mission of the Center is “to provide exemplary education and training for the public health workforce”. CPHCE offers a variety of free and affordable webinars, podcasts, broadcasts and in-person trainings. Nursing, CME and Certified Health Education Specialist continuing education credits are available for many of its programs. Support for CPHCE is through state and federal funding.

Center for Urban Youth and Technology
Joseph Bowman, Jr., Director
Education 114B
Phone: 518-442-4987
Web: http://www.cuytf.com/index.htm
About: Prepare students, parents, and teachers to achieve the 21st Century skills needed to broker the interface between technology, life, employment, and to develop a positive attitude toward life-long learning.

Child Research and Study Center
Frank Vellutino, Director
1535 Western Ave., Albany NY 12222
Phone: 518-442-3770
Email: crsc@albany.edu
Web: http://www.albany.edu/crsc/
About: Major missions: (1) to conduct research in the study of normal and abnormal development, especially as related to school learning; (2) to provide training and field experience in research for graduate and undergraduate students in the School of Education and the University at large; (3) to provide professional development and consultation services to local, state, and national educational agencies and personnel to facilitate improved instruction and improved student learning, especially in the acquisition of literacy and related skills and (4) to provide diagnostic assessment and consultation services on behalf of learners encountering difficulty in literacy acquisition and development, in support of student training and research.

Evaluation Consortium
Dianna Newman, Director
Phone: 518-442-5027
Web: http://www.albany.edu/outreach/Eval_Consortium.php
About: providing both high quality evaluation services as well as being actively engaged in the dissemination of evaluation research.
The New York State Center for Information Forensics and Assurance
(see profile on page 8)

Professional Development Program
Eugene Monaco, Director
Phone: 518-956-7800
Web: http://www.pdp.albany.edu
Established 1975
About: The mission of the Professional Development Program is to make a difference in a changing world by linking the learning, applied research, and evaluation resources of the University with the continuing professional education needs of the public service. Our vision is to be the premiere public service continuing professional education and training program, known for both the high quality of our work and the excellence of our people.

Regional Adult Education Network
Tanya Lipinski, Director
Education 350
Phone: 518-442-4931
Fax: 518-442-4953
Email: tlipinski@albany.edu
Web: http://apps.nyraen.org/
About: Providing professional development training and resources designed to increase educational and employment outcomes for adult learners in the Capital North Region of New York State.

Government, Financial Markets and Public Safety

Albany Small Business Development Center
William Brigham, Director
6 Executive Park, Entrance B, Albany NY 12203
Phone: 518-380-5077
Fax: 518-380-5071
Email: wbrigham@albany.edu
Web: http://www.nyssbdc.org/centers/centers.aspx?centid=10
Established 1984
About: The Small Business Development Center provides expert management and technical assistance to start-up and existing businesses across the state.

Center for Institutional Investment Management
David Smith, Director
Phone: 518-442-4245 or 442-4978
Email: dsmith@albany.edu
Web: http://www.albany.edu/ciim/
Established 2002
About: The goals of the Center for Institutional Investment Management (CIIM) are to:
- Support basic and applied research in the field of institutional investment management
- Foster interaction among University at Albany finance students, School of Business faculty, and finance industry practitioners
- Support the UASBIG student investment group.
Center for International Development
Malcolm Russell-Einhorn, Director
99 Pine Street, 4th Floor, Albany NY 12207
Phone: 518-443-5124
Email: cidinfo@albany.edu
Web: http://www.cid.suny.edu/
Established 2002
About: The State University of New York's Center for International Development is a leading university based international development center enhancing knowledge and practice of governance and policy making world wide. The Center is part of the University at Albany's Rockefeller College of Public Affairs and Policy, a national leader in public affairs education. The Center draws upon the extensive intellectual and technical resources from the State University of New York and serves as a key component of the University's overall commitment to excellence in international education, cross-cultural exchange, and sustainable development. The State University of New York is the largest comprehensive university system in the United States, educating more than 413,000 students in 6,688 degree and certificate programs on 64 campuses.

The Center for International Development is dedicated to assisting governments and private organizations improve their decision making and services by providing outstanding technical assistance and research. Our approach is rooted in integrated development. It is cross-national and interdisciplinary, working as part of a global network of scholars, technical experts, government officials, and community organizations, citizens and leaders to promote sustainability. Working with diverse communities has enabled the Center to remain abreast of current academic and practical approaches to strengthening democracy, governance and civil society; and economic development on five continents. In our work we aim to satisfy the highest possible standards for the integrity of our methods, objectivity of our approach and practical utility of our results.

The Center has worked with the U.S. Agency for International Development, the UK Department for International Development, the World Bank, the U.S. Department of State, the Organization of American States, the Inter-American Development Bank, the United Nations Development Program, the U.S. Information Agency, and the Andrew W. Mellon, Tinker, Ford, and Soros Foundations, among other organizations. It has been operating field offices on five continents and has implemented more than $186 million in international development projects over the past quarter century.

We are committed to hiring and retaining a diverse staff with the highest technical, management, and entrepreneurial skills. We work in a university community of mutual respect and continuous learning that fosters creativity and high performance.

Center for Policy Research
Victor Asal, Director
Milne 300, 135 Western Avenue, Albany NY 12222
Phone: 518-442-3852
Web: http://www.albany.edu/cpr/
Established 1987
About: The mission of the Center for Policy Research (CPR) is to advance the Rockefeller College goal of establishing and maintaining excellence in the field of public policy by emphasizing research on both methodological and substantive issues.

Within its broad mission, the Center has two major objectives. The first is to support and conduct research in decision and policy sciences that will contribute to the improvement of policy processes and decision making at all levels of society. This is our most important goal and the work for which the center has earned an international reputation.

CPR’s second objective is to support University faculty in obtaining research funding for policy research. The Center is eager to assist any faculty member in submitting grant proposals and administering projects. Our experienced staff is able to handle administrative matters and financial dealings with the Office for Research, the Research Foundation for the State University of New York and other funding agencies.
Center for Technology in Government
Theresa Pardo, Director
187 Wolf Road, Suite 301, Albany NY 12205
Phone: 518-442-3892
Fax: 518-442-3886
Web: http://www.ctg.albany.edu/
Established 1993
About: The mission of the Center for Technology in Government at the University at Albany is to foster public sector innovation, enhance capability, generate public value, and support good governance.

Center for Women in Government and Civil Society
Dina Refki, Director
Draper 302, 135 Western Ave, Albany NY 12222
Phone: 518-442-3900
Web: http://www.albany.edu/womeningov/index.shtml
Established 1978
About: The vision of the Center for Women in Government & Civil Society (CWGCS) is a world where women and men of all backgrounds participate equally in shaping the future.

CWGCS seeks to deepen and broaden political access and economic opportunities for women by strengthening the capacity of government, nonprofit and business sectors to implement gender-responsive, inclusive and equitable policies, practices and services.

Institute for Financial Market Regulation
David McCaffrey, Christine Chung (Albany Law School), and Michael Stone (Cardozo School of Law), Directors
Phone: 518-442-5282
Email: dmccaffrey@albany.edu
Web: http://www.albany.edu/ifmr/
About: The Institute for Financial Market Regulation (IFMR) is a cooperative project of professionals in financial market regulation with faculty and students from the University at Albany and Albany Law School. The shared goal is to develop interdisciplinary research and education in financial market regulation.

The Institute connects the scholarship of academic researchers with the knowledge and experience of professionals in financial market regulation to understand current issues facing regulators and supervisors.

At the University at Albany, students can pursue an undergraduate major and minor in financial market regulation. Students also can pursue graduate and legal education in financial market regulation at the University at Albany and Albany Law School.

Two central principles drive the activities of the Institute for Financial Market Regulation:
- Collaboration among practicing professionals and academic organizations is central to high-quality and relevant education and research in financial market regulation.
- Education and research in financial market regulation require knowledge of how finance, law, public policy, and computer and information technology jointly shape financial market regulation.

Institute for Traffic Safety Management and Research
Debra Rood, Director
80 Wolf Road, Suite 607, Albany NY 12205
Phone: 518-453-0291
Fax: 518-453-0298
Email: institute@itsmr.org
Web: http://www.itsmr.org
About: The Institute for Traffic Safety Management and Research (ITSMR) is a non-profit organization dedicated to improving highway safety. ITSMR was originally established in 1978 to provide a link between the State University of New York and New York State government that would facilitate the application of academic expertise to the mitigation and solution of traffic safety problems.

New York State has been a national leader in developing legislative and programmatic countermeasures for major highway safety issues. Since its establishment, ITSMR has been responsible for conducting research supporting the development of many of these countermeasures and evaluations of their effectiveness in reducing motor vehicle crashes, fatalities and injuries. The wide range of highway safety issues addressed by ITSMR includes impaired driving, occupant restraint use, commercial vehicle safety, motorcycle safety, aggressive driving, teen and older drivers, pedestrian safety and distracted driving.
National Center for Security Preparedness
Rick Mathews, Director
423 State Street, Albany NY 12203
Phone: 518-426-1263
Email: ncsp@albany.edu
Web: http://www.albany.edu/ncsp/
Established 2007
About: Through collaboration, creativity, and a commitment to excellence, the National Center for Security & Preparedness supports the nation's efforts to be secure from acts of terrorism and to be prepared to respond to incidents of high consequence and disasters through research, education, training, and technical assistance.

Humanities and Arts

Center for Applied Historical Research
Ivan Steen and Patricia West, Directors
Social Sciences-119B
Phone: 518-442-5480
Email: isteen@albany.edu
Web: www.albany.edu/cahr
About: The mission of the Center for Applied Historical Research (CAHR) is to facilitate broad, democratic access to historical resources and knowledge. CAHR accomplishes this by applying historical scholarship to projects outside the academy through partnerships and collaborations among public and academic historians, corporate and government agencies, and public and private historical institutions. CAHR fosters and preserves community and institutional historical memory; advocates the application of historical understanding in policy formation; expands the skills of historians; and utilizes information technology to make the fruits of historical research widely available to teachers, students, and the general public.

Center for Humanities, Arts, and Technoscience
Mary Valentis, Director
Humanities-337
Phone: 518-442-4082
Email: MBVBOOKS@aol.com
Web: www.albany.edu/chats
About: The Center's mission is to promote the intellectual exchange between the sciences and humanities among humanists, scientists, artists, architects, film makers, educators, technology experts, business people, and the public in a wide variety of public programs and initiatives. The Initiative strives to revitalize the humanities’ at the University at Albany by asserting its critical role in raising issues and questions about the impact of scientific and technological advances.
Center for Jewish Studies
Humanities-355
Phone: 518-442-4130
Email: cjs@albany.edu
Web: www.albany.edu/jewishstudies
About: The Center for Jewish Studies is the public face of Jewish Studies at the University at Albany. The Center seeks to foster knowledge of Jewish history, thought, culture, and languages through education, scholarship, and community outreach. The Center extends the reach of Judaic studies by supporting scholarly endeavors, pedagogy, and extracurricular and public programs. The Center serves as a two-way bridge, bringing the resources of Judaic Studies at the University at Albany to the wider community, and community members to the University.

Institute of Cypriot Studies
Stuart Swiny, Director
Arts and Sciences-105
Phone: 518-442-3982
Email: swiny@albany.edu
Web: www.albany.edu/cyprus
About: For more than 30 years, the University at Albany has nurtured its relationship with the island nation of Cyprus. This mutually beneficial friendship has been marked by the exchange of scholars, by archaeological excavations by UAlbany students at sites such as the village of Pyrgos, and by the enrollment of Cypriot students in graduate and undergraduate education. Now this relationship involves a collaboration between the government of Cyprus, the University of Cyprus, and Cyprus College, which will focus on a variety of issues, particularly those that promote academic initiatives and economic development. The mutually beneficial links between the University at Albany and Cyprus span the range from ancient civilizations to emerging high technologies. Building on this strong base, both the number and diversity of these links will continue to grow and evolve.

Physical Sciences

Atmospheric Sciences Research Center
Everette Joseph, Director
CESTM, 251 Fuller Road, Albany NY 12203
Phone: 518-437-8705
Email:
Web: http://asrc.albany.edu/
Established 1961
About: University wide center created for the specific purpose of promoting and encouraging programs in basic and applied sciences especially as they relate to the atmospheric environment. The Center encourages participation by faculty and students of all units of the State University and by all appropriate industrial, governmental and educational groups in the development and execution of its research programs.

The Center performs world-class research to study the physical and chemical nature of the atmosphere and its implications to the environment. In the performance of these research activities the Center serves to enhance the scientific capacity and infrastructure of New York State, through technology transfer and collaboration with state, federal and industrial partners, to advance the quality of life and to improve the economic well being of its citizens.

Center for Biochemistry and Biophysics
Charles Scholes, Director
Chemistry-B20
Phone: 518-442-4447
Fax: 518-452-3462
Email: lniu@albany.edu
Web: http://www.albany.edu/chemistry/cbb/
About: The interface of the biological and chemical sciences presents a dynamic opportunity for growth in the discipline of chemistry. The overall goal of the Center for Biochemistry and Biophysics (CBB), a unit of the Department of Chemistry at SUNYA, is to attract more researchers, to strengthen existing programs and to develop research programs on biological, bioorganic, biomaterial or bionanotechnological problems. These initiatives are consistent with the long-term strategic plans of both the Chemistry Department and the University. There are three main objectives that define the core of these initiatives: (1) To recruit competitive, high quality,
biochemistry or biophysics oriented graduate and postdoctoral students; (2) To obtain joint funding to strengthen the resources for research and teaching; and (3) To offer a biochemistry courses and laboratory for undergraduate education, in addition to strengthening the graduate courses in biochemical sciences.

**Center for X-Ray Optics**
Carolyn MacDonald, Director
Life Sciences-1152
**Phone:** 518-442-4504
**Fax:** 518-442-5260
**Email:** c.macdonald@albany.edu
**Web:** www.albany.edu/x-ray-optics
Established 1990
**About:** The Center for X-Ray Optics (CXO) was founded in 1990 to investigate the science and technology of the newly invented polycapillary optics. This technology, consisting of arrays of hollow glass tubes, provided a new mechanism to control x-ray and neutron beams. This and other x-ray optics technologies are the common denominator for a wide range of research projects, including applications for medical imaging; crystallography for protein structure analysis and pharmaceutical products development; x-ray lithography for the manufacture of microcomputer chips; and materials analysis using x-ray diffraction, x-ray fluorescence, and neutron activation. Medical applications include mammography, chest radiography, and x-ray and neutron therapy. X-ray optics also provides a forum for theoretical and experimental analysis of x-ray scattering and surface effect phenomenon. The CXO houses a number of x-ray beam lines designed for testing and employing x-ray optics. These include a 4kW rotating anode source, high brilliance microfocus sources, a small-scale medical radiography source for measurements up to 100 keV, imaging and energy discriminating detectors and optical control equipment. The Center’s research involves local and international collaborators from industry, academia, and national laboratories. NASA, the Department of Commerce, the National Institutes of Health, and the Army Breast Cancer Research Program sponsor research at the Center.

**Institute of Biomolecular Stereodynamics**
Ramswamy Sarma, Director
Chemistry-234B
**Phone:** 518-456-9362
**Email:** rama@adeninepress.com
**Web:** http://www.jbsdonline.com/Albany-2013-e4320.html
Established 1979
**About:** The Institute of Biomolecular Stereodynamics is devoted to promoting research in the investigation of the spatial configuration of biological and related molecular systems. In addition, it is the home of: the bi-monthly Journal of Biomolecular Structure and Dynamics (www.jbsdonline.com), and the biennial “Conversation in the Discipline: Biomolecular Stereodynamics” conference. The Journal is self-supporting and is in its 25th year. The Journal receives manuscripts from research laboratories worldwide and operates with the help of a Board of Editors and a Board of Advisors. All manuscripts received are subject to thorough refereeing; in general, the Journal publishes 35 percent of the articles it receives.

**Ion Beam Laboratory**
Hassaram Bakhru, Director
CESTM B110, 251 Fuller Road, Albany NY 12203
**Email:** ibl@albany.edu
**Web:** http://ibl.albany.edu/
Established 1970
**About:** The mission of the Ion Beam Laboratory is to provide students, faculty and off-campus users with the necessary resources for state-of-the-art research and development using ion-beam-related technology.
Public Health

Center for Excellence in Aging Services and Community Wellness
Philip McCallion and Lisa Ferretti, Directors
Richardson 383, 135 Western Ave, Albany NY 12222
Phone: 518-442-5347
Email: ceacw@albany.edu
Web: http://ceacw.org
Established 2000
About: The promotion and adoption of effective, innovative practices and policies that address the needs of aging persons, their families and caregivers with an emphasis on vulnerable and oppressed populations.

Center for Global Health
Carol Whittaker, Director
One University Place, Rensselaer, NY 12144
Phone: 518-402-0385
Fax: 518-402-0329
Email: cwhittaker@albany.edu
Web: http://www.albany.edu/globalhealth/
Established 2008
About: Working in partnership with the School of Public Health and other academic departments of the University at Albany, the New York State Department of Health, and selected U.S. and international institutions, programs and individuals, the Center for Global Health addresses major global public health challenges through educational programs, capacity building projects, applied research, interventions, faculty and student exchanges, and evaluation.

Center for Health Workforce Studies
Jean Moore, Director
GEC Building, Suite 220, 1 University Place, Rensselaer NY 12144
Phone: 518-402-0250
Web: http://chws.albany.edu
Established 1996
About: The Center’s mission is to provide timely, accurate data and conduct policy-relevant research about the health workforce. The Center's work assists health, professional, and education organizations; policy makers and planners; and other stakeholders to understand issues related to the supply, demand, distribution, and use of health workers.

Center for Innovation in Mental Health Research
Eric Hardiman, Director
Richardson 213, 135 Western Ave, Albany NY 12222
Phone: 518-442-5705
Email: hardiman@albany.edu
Established 2004
About: To advance knowledge in the field of mental health using an evidence-based approach by conducting research in direct practice, service delivery systems, and policy.

Center for Public Health Preparedness
Edward C. Waltz, Director
One University Place, Rensselaer, NY 12144
Phone: 518-486-7921
Fax: 518-402-0345
Email: cphp@albany.edu
Web: http://www.albany.edu/sph/cphp.php
Established 2002
About: Funded by the Centers for Disease Control and Prevention (CDC) since 2002, the U. Albany CPHP provides highly relevant emergency preparedness training, resources, and assistance to public health professionals and their community response partners across New York State and the nation. The Center has established itself as a national leader in the production of high-quality, award-winning educational programs, including in-person trainings, satellite and archived presentations, interactive, web-based training and academic courses. The Center also provides technical assistance related to planning and implementing drills and exercises, as well as evaluation support for all the above activities.
Global Institute for Health and Human Rights
Kamian Alaei, Director
Science Library G-40
Phone: 518-442-2735
Email: gihhr@albany.edu
Web: http://www.albany.edu/gihhr/index.php
Established 2012
About: Generating a deeper understanding of the intersection between health and human rights, and promoting innovative solutions to contemporary challenges in this arena. Through research, education, policy, advocacy and development, the Institute seeks to advance the understanding and protection of health and human rights in a theoretical, academic, practical, and ethical context.

Institute of Gerontology
Ronald Toseland, Director
Richardson 217, 135 Western Ave, Albany NY 12222
Phone: 518-442-5353
Email: toseland@albany.edu
Established 1960
About: Fostering knowledge and inventive new practices and policies, the Institute’s work reaches the most vulnerable elderly.

Institute for Health and the Environment
David Carpenter, Director
5 University Place, Rm A217, Rensselaer NY 12144
Phone: 518-525-2660
Email: dcarpenter@albany.edu
Web: http://www.albany.edu/ihe/index.htm
About: The Institute for Health and the Environment was created to serve as an interdisciplinary resource to bring together faculty from the various Schools and Colleges of the University at Albany, together with other professionals from state agencies and other local Universities, in order to promote interdisciplinary research and training. It has a specific focus on international collaborative efforts encompassing all aspects of human and ecologic health in relation to environmental threats.

Social Sciences

Center for Autism and Related Disabilities
Kristen Christodulu, Director
1535 Western Avenue, Albany NY 12203
Phone: 518-442-2574
Email: card@albany.edu
Web: www.albany.edu/autism
Established 2002
About: The Center for Autism and Related Disabilities at the University at Albany (CARD Albany) is a university - affiliated resource center that brings together research and practice. A hallmark of CARD Albany programs is the integration of research, training, and practice. Staff represent many disciplines - including psychology, education, school counseling, social work, school psychology, and rehabilitation counseling- which contributes to our comprehensive understanding of autism spectrum disorders together in community settings. CARD Albany provides evidence-based training and support to families and professionals, and through ongoing research, contributes knowledge to the field of autism spectrum disorders.

Center for Economic Research
Hamp Lankford, Director
Education-317
Phone: 518-442-4743
Email: hamp@albany.edu
Web: www.albany.edu/cer
About: The Center for Economic Research promotes scholarly research by faculty members of the Department of Economics by: 1) producing and disseminating the Albany Discussion Papers Series and maintaining the Department’s library of discussion papers received from other economics departments, 2) sponsoring scholarly conferences and assisting in the editing of publications following professional meetings, and assisting faculty members and graduate students in applying for and securing external funding for scholarly research.

Center for Excellence in Aging Services and Community Wellness
See profile on page 17
**Center for Human Services Research**
Richardson-308, 135 Western Ave, Albany NY 12222  
**Phone:** 518-442-5762  
**Email:** chsr@albany.edu  
**Web:** [http://www.albany.edu/chsr/](http://www.albany.edu/chsr/)  
**Established** 1991  
**About:** The Center for Human Services Research (CHSR) is dedicated to developing empirically-based knowledge to improve the design and delivery of services that address social issues and meet community needs. We conduct evaluation research and design information systems to inform policymakers and service providers across a broad spectrum of fields. CHSR values integrity in its research and is dedicated to providing timely, accurate, and non-partisan information to guide best practice in the human services.

**Center for Innovation in Mental Health**
*See profile on page 17*

**Center for Latino, Latin American and Caribbean Studies**
José E. Cruz, Director  
Social Sciences-247  
**Phone:** 518-442-3475  
**Email:** celac@albany.edu  
**Web:** [www.albany.edu/celac](http://www.albany.edu/celac)  
**Established** 1984  
**About:** The Center for Latino, Latin American, and Caribbean Studies (CELAC) at the University at Albany, SUNY was established in 1984 to promote research, publications, technical assistance, and resource services to the academic, international, and local communities focused on the Latin American, Caribbean, and U.S. Latino populations. CELAC relies on the collective expertise of scholars and specialists from a wide range of fields, and fosters interdisciplinary and transnational research approaches, and international collaborations among faculty and academic, governmental, and non-governmental institutions.

**Center for Social and Demographic Analysis**
Business Administration B10  
**Phone:** 518-442-321  
**Email:** apchelp@albany.edu  
**Web:** [http://csda.albany.edu/](http://csda.albany.edu/)  
**Established** 1981  
**About:** CSDA's mission is to facilitate and organize population research and education of the highest caliber. It seeks to accomplish this mission by creating a stimulating and cohesive intellectual environment conducive to the development of multidisciplinary population scholarship, particularly on the Center’s signature themes of spatial inequalities and vulnerable populations. Key areas of research include: health and health disparities, immigration, risks to youth and adolescents, spatial inequalities and migration, American families, and social resources and vulnerabilities of the elderly.

**Econometrics Research & Training Institute**
Kajal Lahiri, Director  
Business Administration-129B  
**Phone:** 518-442-4758  
**Email:** klahiri@albany.edu  
**About:** The Econometrics Research and Training Institute (ERTI) coordinates econometric research in relation to regional and national needs by assisting collaborative efforts from technicians, social scientists, and executives who share a common interest in rational decision making in diverse fields. More specifically, the Institute’s objectives are:

1) To solicit and manage grants and contracts to conduct independent research in econometrics. Such research will include ongoing quantitative studies sponsored by the Department of Economics and related units on such varied topics as healthcare financing, environmental management, macroeconomic forecasting, international trade flows, and inflation.

2) To implement executive development programs for local business, industry, and government organizations. Training will focus on recent developments in econometric and statistical procedures and on how these tools can be used in forecasting and policy analysis.

3) To make available a number of advanced computer programs to the University and to local users.

4) To develop regional econometric models for forecasting purposes.
Geographic Information System and Remote Sensing Laboratory
James Mower, Director
Arts and Sciences-218
Phone: 518-442-4779
Email: jmower@csunix.albany.edu
Web: www.albany.edu/outreach/Remote_Sensing.php
About: Through its GIS and Remote Sensing Laboratory, directed by James Mower, the Department of Geography and Planning does technical research, mapping and digital image analysis for the NYS Department of State, usually working on coastal protection and flood hazard studies intended to prevent tragedies and conserve natural resources.

Hindelang Criminal Justice Research Center
Kathleen Maguire, Director
Draper-241, 135 Western Ave, Albany NY 12222
Phone: 518-442-5600
Fax: 518-442-5603
Email: hindelang@albany.edu
Web: http://www.albany.edu/hindelang/
Established 1972
About: The primary mission of the Hindelang Center is to conduct quality research in the field of criminal justice. Through this activity, the Center pursues a variety of objectives, including the development of policy recommendations in the field of criminal justice, the dissemination of research results through publication in scholarly journals, sponsorship of brown bag lunches and other colloquia, and the provision of opportunities for graduate students to learn research skills and to develop dissertation topics.

Institute of Gerontology
See listing on page 18

Institute for Mesoamerican Studies
Walter Little, Director
Arts and Sciences-233
Phone: 518-442-4722
Fax: 518-442-4710
Email: ims@albany.edu
Web: www.albany.edu/ims
Established 1975
About: The Institute for Mesoamerican Studies (IMS) is dedicated to the study and dissemination of knowledge concerning the peoples and cultures of Mesoamerica (Mexico and Central America). Originally affiliated with the Department of Anthropology, IMS is now affiliated with the College of Arts and Sciences. IMS serves to facilitate the work of the Mesoamericanist faculty and graduate student members through research grants, events, activities, and publications that foster collaborative or complementary research among our members.

The Institute regularly hosts several guest speakers and occasionally sponsors local, national, or international conferences on Mesoamerican topics. The Institute annually awards the Christopher DeCormier Scholarship, an endowed scholarship that supports graduate student fieldwork in Mesoamerica. IMS also supports exploratory student fieldwork in Mesoamerica through the First Encounter Scholarship, as well as student scholarship via undergraduate and graduate essay awards.

The Institute publishes three book series, “IMS Monographs,” “Studies in Culture in Society,” and “Occasional Publications”. The first two series are published jointly with the University of Colorado Press. IMS faculty also produced a collaborative textbook entitled, The Legacy of Mesoamerica.

Institute for Research on Women
Julie Novkov, Director
Social Sciences-341
Phone: 518-442-4771
Fax: 518-442-4419
Email: jnovkov@albany.edu
Web: www.albany.edu/irow
Established 1987
About: The Institute for Research on Women (IROW) at the University at Albany was established in 1987 to promote interdisciplinary research and scholarship on women and gender. Building on a long-standing University commitment to women’s studies teaching and research, the Institute brings
together specialists from a wide variety of disciplines to engage in individual and collaborative research and development. IROW’s main functions are: 1) to promote and facilitate individual and collaborative research and scholarship on women and gender; 2) to publish conference papers, instructional materials, bibliographies, and other materials pertinent to the study of women and gender; 3) to disseminate information on women’s studies and gender research to scholars, educators, and organizations in the public and private sectors in the Capital Region, the nation, and abroad; 4) to establish linkages and joint projects with other women’s research centers in the United States and internationally, in order to promote research, training, and educational exchanges of faculty, students, and materials; 4) to provide technical and consultant services in specialized areas to public and private institutions in the United States and abroad; 5) to organize conferences, workshops, and lectures that enable scholars to discuss and advance the current state of research on women and gender; 6) to provide an organized vehicle for faculty to seek external funding for individual or collaborative research projects and to aid grant writers through an on-campus proposal review service; and 7) to facilitate contact with our faculty and the use of the institution’s research facilities for visiting scholars and fellows.

**Lewis Mumford Center**
Catherine Lawson, Director
Business Administration-B11
Phone: 518-442-2581
Email: mumford@albany.edu
Web: http://mumford.albany.edu/mumford/
Established 1988
About: Established at the University at Albany in 1988 to carry out urban research both comparative and historical in scope, the Center honors the tradition of interdisciplinary scholarship established by Lewis Mumford (1895-1990). Mumford was a native New Yorker internationally recognized as one of the most distinguished urbanists of the 20th Century. By promoting broad-based collaboration among urban scholars from a variety of fields and geographic settings, the Center's mission is to further Mumford's ideal of local involvement with global vision. To this end, Center projects and activities range from international urban conferences (July 1999 in Shanghai), to local planning initiatives, to national endeavors examining urban change over time.

**National Child Welfare Workforce Institute**
Mary McCarthy and Katharine Briar-Lawson, Co-Directors
Richardson 301, 135 Western Ave, Albany NY 12222
Phone: 518-442-5338
Email: mmccarthy@albany.edu
Web: http://www.ncwwi.org/
Established 2008
About: To derive promising practices in workforce development, deliver child welfare leadership training for middle managers, supervisors, and deans/directors of schools of social work and state/local/tribal child welfare directors, facilitate University Partnerships that include BSW and MSW traineeships, facilitate organizational excellence initiatives with state/local/tribal child welfare systems focused on workforce development, support strategic dissemination of effective and promising workforce practices, and advance knowledge through collaboration and evaluation.

**Social Work Education Consortium**
Mary McCarthy, Director
Richardson 301, 135 Western Ave, Albany NY 12222
Phone: 518-442-5338
Email: mmccarthy@albany.edu
Established 2000
About: The primary goal of the consortium is the identification and implementation of programs and activities, which promote a forward-looking approach to training and education, emphasizing workforce stabilization and professionalization.