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Academic Year 2011-2012 Retrospective on Research, Innovation, Creativity, and Scholarship

Biologist Kamal Bawa Receives the Gunnerus — The First Global Award for Sustainability.
Books Published by UMass Boston Faculty

The University of Massachusetts Boston is a public research university with a dynamic culture of teaching and learning, and a special commitment to urban and global engagement. With their outstanding depth and breadth, our faculty publications support this mission with a transdisciplinary approach to scholarship that has both local and global reach, and that creates new knowledge in all major areas of human concern.


We present below and on the opposite page those books published by UMass Boston faculty in the 2011-12 academic year.

Adenrele Awotona, Policy and Global Studies

Kamaljit Bawa, Biology
Conservation Biology: A Primer for South Asia, Orient Blackswan, India, 2011.

Lawrence Blum, Philosophy

Jonathan Chu, History

Reyes Coll-Tellechea, Hispanic Studies

Wei Ding (co-editor), Computer Science

Rona F. Flippo (editor), Curriculum and Instruction

Panagiota Gounari, Applied Linguistics

Michael Johnson (editor), Public Policy & Public Affairs
Tricia Kress, Leadership in Education

Philip Kretsedemas, Sociology

Lusa Lo, Special Education

Ruth Miller, History

Jon Mitchell, Performing Arts

Cheryl Nixon, English

Rosalyn Negron, Anthropology

John Saltmarsh (co-editor), Leadership In Education

Russell Schutt, Sociology

Russell Schutt (editor), Sociology

Dan Simovici, Computer Science

Rajini Srikanth, English

Darwin Stapleton (co-editor), History

Karen Suyemoto (co-author), Psychology
Conceptualization and Treatment Planning for Effective Helping, Cengage, Belmont, CA, 2012.

Duc Tran, Computer Science

Robert Weiner, Political Science
Change in Eastern Europe, Praeger, 1994, republished in 2012.

Julie Winch, History

Wei Zhang (co-editor), Chemistry

From the University of Massachusetts Press
From Liberation to Conquest: The Visual and Popular Cultures of the Spanish-American War of 1898, by Bonnie Miller, UMass Boston

“A remarkable feat of archival research...This will be an important book that will further our understanding of this complicated moment in American history.”—David Brody, author of Visualizing American Empire
Biologist Kamaljit Bawa Recognized on Global Stage

Kamaljit Bawa, distinguished professor of biology at the University of Massachusetts Boston and faculty fellow at the Center for Governance and Sustainability, is most noted for his pioneering research on population biology in rainforest areas. His wide span of work includes groundbreaking biological discoveries made in Central America as well as the Western Ghats and the Himalayas in India. He is particularly interested in developing conservation practices aimed at reducing poverty.

In 2012, Bawa received two notable honors. One, the Royal Norwegian Society of Sciences and Letters’ first Gunnerus Sustainability Award, the world’s first major international award for work on sustainability. Bawa received the Gunnerus Gold Medal and the award of 1 Million NOK (U.S. $190,000) during a ceremony in Trondheim, Norway.

Two, Bawa was elected to the American Academy of Arts and Sciences. Founded in 1780, the academy is a prestigious, independent policy research center that conducts multidisciplinary studies of complex and emerging problems in the science, social policy, and humanities fields. Bawa was elected in the public affairs and journalism category, along with U.S. Secretary of State Hillary Rodham Clinton.

The World’s First Global Conference on Oceans, Climate, and Security

In late May 2012, UMass Boston hosted and cosponsored the first of its kind Global Conference on Oceans, Climate, and Security, or the GC ’12. A diverse, high-level group of scientists, military and civilian policymakers, and thought-leaders from many disciplines were joined by more than 100 attendees to address the theme “Collaboration and Action to Address the Impacts of Climate-related Ocean Change on Human, National and International Security.”

For three days, they participated in a dialogue and outcomes-driven conference, exploring complex, cross-sector topics and strategies, as well as the current state and future direction of science and policy that is guiding international, national, and local responses to these issues. The different perspectives were brought together by the unified goal of understanding how to mitigate the effects that we can control and adapt to those that we cannot.

The keynote address was delivered by Administrator of the National Oceanic and Atmospheric Administration Jane Lubchenco. The recipient of the first Energy and Environmental Security Award was Secretary of the United States Navy Ray Mabus. Guest speakers included Massachusetts Governor Deval Patrick and Boston Mayor Thomas M. Menino.
Contributing to the Next Generation of Weather Satellites

Active in the field of remote sensing for more than 25 years, Professor of Environmental, Earth and Ocean Sciences Crystal Schaaf uses remotely, or satellite, sensed data for environmental modeling and monitoring for land use management, urban land cover assessment, ecological, agricultural, and hydrological monitoring, and atmospheric and environmental forecasting, to name just a few.

She has published nearly 100 articles and served as the principal or co-principal investigator of research grants totaling $22.2 million from NASA, the National Oceanic and Atmospheric Administration, and the National Science Foundation.

On October 28, 2011, at 2:45 am PST, Schaaf stood with the large crowd of team members and their families at Santa Barbara’s Vandenberg Air Force Base where they counted down and then watched NASA launch its next-generation weather satellite (pictured to the right). The satellite is carrying Schaff’s Earth observing instrument, known as the Visible Infrared Imaging Radiometer Suite, that is now providing critical data to help scientists understand the dynamics of long-term climate patterns and help meteorologists improve short-term weather forecasts. The satellite will build on more than four decades of Earth observation to help us better understand our climate.

UMass Boston Helps Lead the Way in Developing Electric Vehicles

Last August 23rd and 24th, the 6th U.S.-China Electric Vehicles and Battery Technology Workshop was convened at UMass Boston, bringing together top researchers and policymakers in the fields of energy and electric vehicles from both the U.S. and China. The workshop provides an opportunity for the world’s two largest consumers of energy and automobiles to engage in a discussion about the best ways to bring these two technologies into a greener and more affordable future.

“No perfect electric vehicle battery and technology exists yet,” said Hou Xiaoheng, from Lishen Battery in China. “We can apply current technology as a good start toward achieving this goal—but [to get there] we have to work together.” Participants from both countries presented research focusing on new battery technologies that overcome some of these barriers. Led by UMass Boston Associate Professor of Chemistry Deyang Qu, lithium-air batteries stole the stage, promising an exponential increase in energy output, which would allow a much longer range for electric vehicles between charges.

“Success in developing a lithium-air battery for practical use, however, remains elusive for researchers throughout the world,” says Qu. He explains that one problem is figuring out how to harness the oxygen while blocking out the moisture in the air, since lithium reacts violently to water. Another obstacle is the low number of times a lithium-air battery can be recharged. Qu’s research group at UMass Boston has achieved 100 charges. That’s well beyond what other researchers have done, but not yet financially viable for consumer use.
Bianca Bersani Receives Prestigious W.E.B. Du Bois Fellowship Award

In announcing the 10 recipients of its annual three fellowship programs in 2011, the National Institute of Justice (NIJ) recognized some of the nation’s most talented researchers in the early phase of their career—and UMass Boston’s Bianca Bersani, assistant professor of sociology, joined their ranks as the recipient of a 2011 W.E.B. Du Bois Fellowship Award.

Bersani and her corecipient, Stephanie DiPietro, PhD, Department of Criminology and Criminal Justice, University of Missouri St. Louis, are spending their fellowship conducting “An Examination of the ‘Marriage Effect’ on Desistance from Crime among U.S. Immigrants.”

“We’re very honored and pleased the review committee found our proposed work worthy of funding,” said Bersani. “I’m especially pleased that UMass Boston’s reputation continues to grow as a university with a deep commitment to identifying, understanding, and providing solutions to the many complex challenges facing us, our neighbors, and other urban communities.”

The NIJ sponsors fellowship programs to strengthen and broaden the pool of researchers looking at the issues of crime and justice. The W.E.B. Du Bois Fellowship Program places particular emphasis on crime, violence, and the administration of justice in diverse cultural contexts within the United States. Talented researchers are provided with an opportunity early in their career to elevate independently generated research and ideas to the level of national discussion. Although the specific areas of focus vary each year, any research funded by this program is deemed to have direct implications for criminal justice policy and practice in the United States.

W.E.B. Du Bois (1868-1963) was an early leader in the struggle for racial equality in the United States. As a social scientist, Du Bois used objective methods to challenge discriminatory ideologies and institutions to advocate for social change. His classic study *The Philadelphia Negro*, published in 1899, was a groundbreaking sociological study of the city’s black community, and one of the first research projects to combine urban ethnography, social history, and descriptive statistics.

Bersani’s current research projects include an examination of longitudinal patterns of offending among contemporary and early 20th century immigrants, tests of the “marriage effect” on offending trajectories, and the investigation of the relationship between language diversity and crime.

David Levy Winner of the Aspen Institute’s Faculty Pioneer Award
For Integrating Social and Environmental Issues into His Research and Teaching

The Center for Business Education at the Aspen Institute announced last year that David Levy, professor of management at UMass Boston, had been named one of just three 2011 Faculty Pioneers, recognizing him as an exceptional faculty member who is a leader in integrating social and environmental issues into his teaching and research at the graduate level.

Dubbed the “Oscars of the business school world” by *The Financial Times*, Levy was honored as part of the Aspen Institute Center for Business Education Awards in New York City in November 2011.

“We are so impressed by this year’s group of winners and finalists,” Judith Samuelson, executive director of the Aspen Institute’s Business & Society Program, said at the time. “Their success in integrating environmental impacts and social context into teaching and research sets a high bar—for business faculty and for the future managers they help prepare for the challenges and opportunities in global business.”

Today, Levy’s research continues to examine corporate strategic responses to climate change, the growth of the clean energy business sector, and the emergence of carbon disclosure as a form of governance. He also continues to write about the role of business in the governance of contested social and environmental issues, and to publish and lecture widely on these topics.
Steve Crosby Wins NEH Grant to Host a National Forum on Civility and American Democracy

Steve Crosby, former dean of the McCormack Graduate School of Policy and Global Studies, was the recipient of a $400,000 grant from the National Endowment for the Humanities to organize “Civility and American Democracy: A National Forum” that took place in February 2012.

The forum explored the concept of civil discourse, the tensions in its theory and practice, and its place in American democracy. Participants included nationally recognized scholars of history, philosophy, comparative religion, law, and culture – including Diana Eck, Randall Kennedy, Jill Lepore and Austin Serat. The forum was the first in a series of public events planned for 2012 at the newly created Center for Civil Discourse at the McCormack Graduate School. Mary Jane Patrone, former senior vice president of The Boston Globe, has joined the center as director.

Two national "Democracy Debates," based on the intellectual content of the forum and designed to demonstrate what civility looks like in practice, followed in June 2012 and September 2012. Those debates focused on the urgent and controversial issues of the day. Debaters were drawn from academia, the media, and politics, and personified the principles of civil discourse while arguing passionately for their positions.

The goal of the forum was to produce original thinking by prominent humanities scholars and political thinkers on the meaning of civility and its role in American democracy. The debates were models of civility in vigorous, fact-based discussions. Both the forum and the democracy debates engaged a broad audience through radio and television broadcasts and live streaming on the Internet. An online community participated before and after the events, extending the public conversation throughout the year and engaging ordinary citizens in the process of examination and discovery.

A National Center for Advanced Technological Education Established at UMass Boston

In an increasingly competitive global economy, America’s economic strength depends on the education and skills of its workers. Over the past eight years, the Boston Area for Advanced Technological Education Connections, or BATEC, has developed a regionally coordinated system for attracting talented students from diverse demographic backgrounds to IT careers, promoting lifelong learning of technical skills, and meeting our region’s IT workforce needs.

BATEC’s innovative process of developing curricula that are regionally connected, advanced in pedagogy, and industry-linked integrates aspects of change management within a Cycle of Professional Development.

Now, thanks to a $5 million grant from the National Science Foundation (NSF), UMass Boston has become home to the new National Center of Excellence for Computing and Information Technologies. BATEC and its partners are co-designing scalable and sustainable programs that can be replicated across the country.

Led by Executive Director Deborah Boisvert (shown directly left), BATEC is implementing computing pathways that consist of high-quality coursework and integrated work experiences for motivated, typically underserved high school, community college, and university students in four urban regions – Boston, Chicago, San Francisco, and Las Vegas. These four regions feature a strong demand for high-tech labor coupled with great opportunities for building new connections in skills-training and workforce development.
UMass Boston, Wipro Officially Sign STEM Education Pact

UMass Boston strengthened its commitment to elite STEM (science, technology, engineering, mathematics) education, by signing a multimillion-dollar partnership with an Indian technology firm to train science teachers in Boston and New York City.

Chancellor J. Keith Motley signed the Wipro Science Education Fellowship Agreement with Anurag Behar, chief sustainability officer for Wipro Ltd., during an August 29 ceremony.

**Enhance Communication Across K-12 Science Disciplines**

Over the next three years, administrators of the new program will choose 120 teachers in kindergarten through Grade 12 to become “science education fellows.” The teachers will be asked to work closely with colleagues and integrate their lessons.

“You will have better communication across all the science disciplines in those schools,” said Arthur Eisenkraft, distinguished professor of science education and director of the UMass Boston Center of Science and Math in Context (COSMIC). “The biology teachers will be speaking to the chemistry teachers.”

The collaboration will also reach across grade levels, Eisenkraft said. “So the third-grade teachers will know what the students will be learning in eighth grade and eleventh grade, and the eleventh-grade teachers will know what experiences the fifth-grade students had when they were in fifth grade, in order to help them better learn and see the uniformity of the sciences.”

Teachers selected for the program will pledge 250 hours over one year for professional development and group work with their cohort. In exchange, each teacher will receive a $10,000 stipend.

**Further Collaboration with Boston Public Schools**

Eisenkraft will lead the UMass Boston team, along with COSMIC’s assistant director, Allison Scheff. UMass Boston will collaborate locally with Pamela Pelletier, science program director for Boston Public Schools, and will partner with a university counterpart in New York City. Teachers will be selected from school districts in Boston and New York, with a focus on educators in areas with many low-income students, and those from underrepresented populations.

COSMIC is already engaged in similar initiatives locally as part of the Boston Science Partnership (BSP), which brings together three of Boston’s major educational institutions, UMass Boston, Boston Public Schools, and Northeastern University. They focus on the common purpose of raising student achievement in science among all students in Boston from grade six through university education.

The BSP project began in September 2004 with a Math Science Partnership grant from the National Science Foundation (led by Hannah Sevian, associate professor of chemistry). In 2006, the NSF awarded a supplemental grant to add Roxbury Community College and Bunker Hill Community College to the partnership and support a research study of the STEM pipeline in Boston.

**Praise for Eisenkraft**

Chancellor Motley praised the agreement and lauded Eisenkraft, whom he called a “giant” of teaching. “I’m excited to discover what he will do with this opportunity,” Motley said. “Those who will be trained by this program will have an impact on hundreds and hundreds of students as they go on to teach in their careers.”

The link between school and company was first made by UMass Boston Distinguished Professor of Biology Kamal Bawa, who introduced Eisenkraft to Behar. Behar said the program is emblematic of Wipro’s commitment to the communities it serves. “Businesses cannot have a narrow focus only on making money,” Behar told the audience. “Businesses, whether they recognize it or not, have a wider social responsibility.”
UMass Awarded $6.7 Million Grant to Establish Center for Health Equity Intervention Research

The University of Massachusetts has been recognized by the National Institute on Minority Health and Health Disparities of the National Institutes of Health within the U.S. Department of Health and Human Services as a Comprehensive Center of Excellence and awarded a $6.7 million grant over five years to establish the UMass Center for Health Equity Intervention Research (CHEIR.) Supported by a collaborative partnership between UMass Medical School (UMMS) and UMass Boston, CHEIR’s mission is to improve the health of socioeconomically disadvantaged and minority populations.

“This award offers an important opportunity to promote health equity and reduce health disparities in the Massachusetts communities that our institutions serve,” said Jeroan Allison, MD, MS, professor and vice-chair, UMMS Department of Quantitative Health Sciences and principal investigator for CHEIR. “We will also build a pipeline for the next generation of health disparity researchers, providing hands-on research experiences and mentoring to health and behavioral science students.”

“There is enormous potential in the research we are undertaking,” said Maria Idalí Torres, PhD, MSPH, associate professor, UMass Boston Department of Anthropology, director of the Gastón Institute, and a CHEIR researcher. “The center represents the true spirit of community-engaged research that is central to the mission of UMass Boston and the goal of its ethnic institutes to reduce ethnic disparities.”

“CHEIR reflects the combined talent of a diverse group of researchers from UMass Worcester and Boston dedicated to finding solutions to some of the most important health problems locally and across the nation,” said Dr. Allison. “Partnering with our community and training the next generation of health disparities researchers will greatly magnify the long-term impact of CHEIR.”

Another important goal of CHEIR is to provide a consultative service to jumpstart new research projects for eliminating health disparities and to work with the community to advance “research literacy.”

Research projects will test culturally appropriate interventions to reduce disparities. Specific projects include a multi-media program to promote mother-child communication about sexuality and sexual health protection in the Latino community; a new approach to facilitating post-partum weight loss among lower income new mothers; and an innovative adaptation of the community health-worker model to support hypertension management. These projects will involve academic-community collaborations involving researchers from UMass Worcester and Boston and several community-based organizations including the Women, Infant and Children (WIC) program in Worcester, Family Health Center of Worcester, Lowell Community Health Center, and the Puerto Rican Cultural Center in Springfield.

An undergraduate Health Equity Scholars Program will be established at UMass Boston with the Mauricio Gastón Institute for Latino Community Development and Public Policy, the William Monroe Trotter Institute for the Study of Black Culture, and the New England Institute for Native American Studies.

Those faculty and staff pictured to the right will lead the UMass Boston CHEIR.
AY 2011-2012 Faculty Profiles

To learn more about the faculty featured in this section, visit www.umb.edu/research/outstanding_faculty.

**Ron Etter, Professor of Biology**

Ron Etter is providing the genetic tools to explore population structure in the deep sea, and producing the first critical evidence of how and where evolutionary diversification occurs in this vast ecosystem. As a result, he and his colleagues are creating a solid conceptual and methodological context for future evolutionary studies in the deep sea.

“The work produced in our lab reflects the combined effort of my students and post docs,” says Etter. “It really is a group effort that depends on the contribution of all to be successful. I’m lucky to have a very bright, dynamic and highly interactive group.”

**Ed Tronick, University Distinguished Professor of Psychology**

Ed Tronick is a world-class researcher and teacher recognized by his peers for his work on the neurobehavioral and social emotional development of infants and young children, parenting in the U.S. and other cultures, and infant-parent mental health.

Simply stated, Ed Tronick’s “still-face” experiment has revolutionized our understanding of children-first relationships and their critical importance to normal social and emotional development.

**William E. Kiernan, Research Professor**

Under his leadership as director, the Institute for Community Inclusion (ICI), a joint venture of UMass Boston and Children’s Hospital Boston, has inspired and drawn to it a cadre of true believers, some of them with disabilities. These ICI staff members and partners work tirelessly to ensure the full participation of the disabled in all aspects of society.

During his March 2011 testimony before the U.S. Equal Opportunity Employment Commission, he stated, “The evolution of the self advocacy movement has again shown that persons with disabilities do not want to live in poverty, work in segregated settings, or be told what they have to do.”

**Ruth A. Miller, Associate Professor of History**

“One of my firmest convictions as a member of the university community is that research and teaching are intimately connected—that a classroom is a space in which students can be exposed to, as well as participate in, the intellectual discovery that is ‘research’ writ large,” says Miller. “I can think of no better place to develop a teaching philosophy.”

“I can no longer imagine either the production of meaningful scholarship in the absence of students or effective teaching in the absence of a rigorous research agenda,” she observes. “My fundamental goal as a teacher has thus been to create an environment in which students are not afraid to move beyond the skill acquisition associated with ‘education’ and toward the relentless questioning of norms and ideals associated with ‘research.’”
Marc Pomplun, Associate Professor of Computer Science

In the not-too-distant future, Marc Pomplun could well be described as one of the founding fathers of visual systems for giving or restoring sight to human beings, as well as the silicon-based computers, cyborgs, and robots portrayed in utopian or dystopian literature and film.

Pomplun believes that teaching informs research and research informs teaching. “My teaching does not only happen in the classroom, but also in my Visual Attention Lab,” he remarks with considerable satisfaction. “Besides being a research facility, this lab is also a place for teaching and mentoring post-doctoral fellows, graduate and undergraduate students, and even high school students.”

Kurt Jacobs, Associate Professor of Physics

In 2010, Jacobs partnered with physicist Fred Strauch of Williams College, who recently published a paper describing a new theoretical analysis of the routing of information in quantum networks. A grid of mesoscopic quantum resonators might form the basis for a new type of computer that has ground-breaking potential for harnessing quantum mechanics to perform certain computations far, far better than even today’s supercomputers. So Jacobs is on the cutting-edge of what could very well be a “quantum” leap in our ability and speed to more accurately model, or predict, the behavior of systems, biological, financial, and ecological, to name just a few.

Crystal Schaaf, Professor of Environmental, Earth & Ocean Sciences

Active in the field of remote sensing for more than 25 years, Crystal Schaaf uses remotely, or satellite, sensed data for environmental modeling and monitoring for land use management, urban land cover assessment, ecological, agricultural, and hydrological monitoring, and atmospheric and environmental forecasting, to name just a few.

She trains students, in the classroom as well as through an active research program, to use these new satellite-derived data sources. “Doing so will improve our ability to monitor the environment, assess the impact of human activities, and inform efforts to mitigate the degradation of terrestrial, coastal, and marine environments in the future.”

Lizabeth Roemer, Professor of Psychology

Since her arrival at UMass Boston as an assistant professor in 1996, Lizabeth Roemer’s trajectory in clinical psychology, as a teacher, researcher, and scholar, has been rocketing upwards thanks to her endless passion for “taking on the challenge of integrating the theoretical with the applied.”

“The field of clinical psychology has always held a particular interest for me because it affords me the opportunity to pursue intellectual, scientific inquiry that has real world, practical implications,” explains Roemer. Her aim is to improve treatment of clinical problems mostly within the context of anxiety disorders, particularly generalized anxiety disorder and post-traumatic stress disorder.
Dan Simovici, Professor of Computer Science

A new discipline, data mining continues growing at what seems the speed of light. Dan Simovici is recognized by his peers throughout the world as one of the field’s founders.

“Certainly it has in some cases,” he explains, “successfully demonstrated the potential to assist governments in identifying potential terrorist threats, local law enforcement agencies in predicting the location and frequency of crime, the buying behavior of consumers, and many other fields, for example, biomedical, climate change, and health care.” It is in large part thanks to Simovici’s research and prodigious scholarship that many state-run entities and private research and development enterprises turn to and rely more and more on data mining.

Stephanie Hartwell, Professor of Sociology

Committed to social justice work, Hartwell, a recipient of the UMass Boston Chancellor’s Award for Distinguished Teaching, recently completed a research study that worked across multiple state agencies, including the state’s Department of Corrections, Department of Health, and Department of Mental Health.

The longitudinal study involves collecting data on people who transition from prison systems to the community, and it relies heavily on the collaboration and interaction with state agencies. “There’s a lot of legwork to create and maintain these collaborations with the agencies,” she explains. “I need their permission to access those data.”

Paul Tucker, Distinguished Professor of Art

He has been hailed by Time Magazine as one of America’s foremost authorities on Claude Monet and Impressionism. Tucker’s career at UMass Boston, which began in 1978, is studded with academic awards and honors, including three Chancellor’s Awards: one for Distinguished Service and two for Distinguished Scholarship.

A prolific writer, he has authored numerous books, book chapters, articles, and museum catalog entries. He is in demand as a guest curator by artists, museum directors, and gallery owners worldwide, most recently for a Monet exhibition at the New York Botanical Garden that includes rarely seen paintings and re-creations of aspects of Monet’s flower and water gardens.

Deyang Qu, Associate Professor of Chemistry

Currently, all-electric vehicles face several barriers to becoming the primary vehicle for the average American driver: today’s lithium-ion batteries are expensive, lack the range of conventional gas vehicles, and require a long time to recharge.

While success in developing a lithium-air battery for practical use remains elusive for researchers throughout the world, Qu’s research group at UMass Boston has achieved 100 charges. That’s well beyond what other researchers have done, but not yet financially viable for consumer use.
25 External Sponsored Awards Received for $400,000 or More*

*For multi-year awards, the dollar amount provided is for FY 2012 only (or not the total dollar amount provided for the life of the award).

David Sparks, Collins Center for Public Management

Deborah Boisvert, University College
$2,373,081 from the National Science Foundation to "Support the Establishment of National Center for Advanced Technological Education." (9/11-8/13)

Deborah Boisvert, University College
$502,445 from the National Science Foundation for "Research, Practice and Transformation through Synergy." (9/09-8/12)

William Kiernan, Institute for Community Inclusion
$1,500,000 from the U.S. Department of Education to support the "Research and Technical Assistance Center on Vocational Rehabilitation Program Management." (10/9-9/12)

William Kiernan, Institute for Community Inclusion
$1,041,648 from the U.S. Department of Education to support the "Model Demonstration Project to Improve Outcomes for Individuals Receiving SSDI Served by State Vocational Rehabilitation Agencies." (10/10-9/15)

William Kiernan, Institute for Community Inclusion
$742,347 from the U.S. Department of Education to support "Technical Assistance and Continuing Education Centers." (10/08-9/12)

William Kiernan, Institute for Community Inclusion
$675,151 from the Corporation for National and Community Service to support "National Service Pathways to Employment: Training and Technical Assistance." (10/09-12)

Adán Colón-Carmona, Biology
$1,286,176 from the National Institutes of Health to support the "UMass Boston-Dana Farber/Harvard Cancer Center U54 Partnership." (9/11-8/15)

Debra Hart, Institute for Community Inclusion
$959,679 from the Administration for Children and Families to support a "Consortium on Postsecondary Education for Individuals with Developmental Disabilities." (10/10-9/15)

Paula Sotnik, Institute for Community Inclusion
$900,000 from the Corporation for National and Community Service to support the "National Service Inclusion Project." (10/08-9/14)

Patricia Gallagher, Center for Survey Research
$743,007 from Yale University for the project "CHAPS 3: Consumer Assessment of Healthcare Providers and Systems." The prime sponsor is the federal Agency for Healthcare Research and Quality. (09/11-8/12)

Robert Chen, Environmental, Earth and Ocean Sciences, Arthur Eisenkraft, Curriculum and Instruction
$699,982 from the National Science Foundation for the "Boston Energy in Science Teaching (BEST)." (8/10-7/13)

Susan Foley, Institute for Community Inclusion
$650,000 from the U.S. Department of Education to support "Rehabilitation Research and Training." (10/07-9/12)

Susan Foley, Institute for Community Inclusion
$449,125 from the Health and Resources Administration to support a "National Center for Community-Based Services for Children and Youth with Special Healthcare Needs." (7/10-6/13)

John Butterworth, Institute for Community Inclusion
$613,526 from the National Association of State Directors of Developmental Disabilities Services to support the "Statewide Employment Leadership Network." (7/06-6/12)

John Butterworth, Institute for Community Inclusion
$449,999 from the U.S. Department of Health and Human Services for the project "FY 2012 Add Access to Integrated Employment." (9/11-9/12)

Suzanne Leveille, Nursing
$600,000 from the National Institutes of Health for the project "Attentional Demands of Chronic Pain and Risk for Falls in Older Adults." (7/11-6/13)

Lois Biener, Center for Survey Research
$595,490 from the National Institutes of Health for the project "Receptivity to New Smokeless Tobacco Products among Test Market Population." (7/10-6/13)

Laura Hayman, Nursing
$533,066 GAANN grant from the U.S. Department of Education for "PhD Education in Nursing." (8/12-8/15)

Winston Langley, Office of the Provost
$500,000 from the National Science Foundation to operate the “Louis Stokes Alliance for Minority Participation” program in eastern Massachusetts. (5/12-4/13)

Joan Becker, Academic Support Services
$428,373 from the U.S. Department of Education to operate "Student Support Services" at UMass Boston. (9/11-8/12)

Anne Douglass, Curriculum and Instruction
$424,572 from the Massachusetts Department of Early Education and Care to support the "Teacher Quality Partnership." (7/12-12/14)
After three rounds of extensive national searches that lasted over a year, Matthew L. Meyer was appointed associate vice provost for research and director of our Office of Research and Sponsored Programs (ORSP) in July 2011. He came to us from the internationally prestigious Dana-Farber Cancer Institute where for nine years he distinguished himself as director of grants and contracts.

“As we aggressively pursue our collective vision of a distinguished public urban research university and develop and implement our ambitious strategic plan for the next fourteen years, it has become increasingly clear that the ORSP is one of our mission critical operations,” Zong-Guo Xia, vice provost for research and strategic initiatives, said at that time. “So we need an extremely competent and exceptionally dedicated expert and leader in research administration to grow, develop, support and lead our team of research support services.”

Meyer began his career as a financial accountant at the Dana-Farber in 1992 and served as a divisional associate/administrative coordinator from 1993 to 1995. He was assistant director of research administration from 1995 to 1999, and associate director of research administration from 1999 to 2002. Finally, he served as the Dana-Farber’s director of grants and contracts from 2002 to 2011.

**Sponsored Activities Data**

**FY 2003 - 2012 Award Totals**

Yearly totals include direct expenses and recovery of facilities and administrative costs.
FY 2012 Award Funds by Project Type

- Research: 53%
- Education and Training: 16.6%
- Service: 4.4%
- Other: 5%

FY 2012 Award Funds by Sponsor Type

- Federal: 64.5%
- Private and Foundation: 20.9%
- State and Local: 12.2%
- Business and Industry: 1.6%
- Universities and Colleges: 0.5%
- International: 0.4%

FY 2012 Award Funds by Federal Sponsor

- U.S. Department of Education: 34.6%
- National Science Foundation: 29.38%
- National Institutes of Health: 17.24%
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