

## To the Board:

As you arrive on our campus for the February board meeting, be prepared to be greeted by noticeable changes. Since your last visit, the University of Massachusetts Boston has added another remarkable piece to our outdoor Arts on the Point collection – the brightly colored Sunflowers for Vincent, by world-renowned sculptor Mark di Suvero – near the entrance of our campus.

More visually imposing is the steel frame of our new Integrated Sciences Complex taking shape next to the Quinn Administration Building. Since the June 8 groundbreaking, contractors completed the foundation and now are making rapid progress on building out the frame of the first new academic building on our campus in nearly forty years.

In this report you will learn about other significant progress UMass Boston has made in areas designated by the board as priorities. Of particular interest:

- A UMass Boston researcher sees her NASA project take flight (right).
- Winning a Fulbright scholarship with the help of UMass Boston faculty, an alumna uses her pinhole photography to document Sri Lanka's landmarks (page 2).
- In this highly charged election season, the new Center for Civil Discourse will bring together a national panel of experts to explore and model civil discourse (page 6).

I hope you find this report enlightening and informative as you read about our university's progress toward becoming a model student-centered urban public research university.

— J. Keith Motley, Chancellor



*The research instrument that Professor of Environmental, Earth, and Ocean Sciences Crystal Schaaf is helping to monitor will record data for at least five years in orbit. Scientists will use the data to create weather and climate-change models.*

## EEOS Professor Contributes to NASA Weather Satellite Launch

Professor of Environmental, Earth, and Ocean Sciences Crystal Schaaf stood with a large crowd at Santa Barbara's Vandenberg Air Force Base in the early morning hours of October 28, counting down the NASA launch of its next-generation weather satellite.

"You see this huge blast of light and then, seconds later, the sound of the boom," Schaaf said. "Then it starts rising up, quite slowly, into the air and heading out away from us."

The National Polar-orbiting Operational Environmental Satellite System Preparatory Project (NPP) satellite is carrying the Visible Infrared Imager Radiometer Suite (VIIRS), an Earth-observing instrument that will collect data on long-term climate change and short-term weather conditions. Schaaf, funded by grants from the National Oceanic and Atmospheric Administration and NASA, is a member of the scientific team evaluating the VIIRS's imagery products.

"The satellite accumulates pictures similar to a standard weather satellite, showing land and ocean surfaces, cloud cover and temperatures, but with a large number of spectral bands at much higher resolution," Schaaf explained.

Scientists will use data from the NPP satellite to monitor wildfires, view storm damage, assess snowpack for water and irrigation, track deforestation, evaluate agriculture for crop yields, observe the health of rangelands, establish ocean productivity, and even monitor the impact of silt and pollutants along the coasts and at the mouths of rivers.

Schaaf teaches an Introduction to Remote Sensing class at UMass Boston. Her students, after learning about satellite imagery and VIIRS, followed the launch via the NASA website while Schaaf was in California.

## MAINTAIN AND IMPROVE AFFORDABILITY AND ACCESS

### **New Scholarship Founded as University Completes Acquisition of Pumping Station Property**

UMass Boston last fall completed an agreement with the Boston Water and Sewer Commission to transfer the commission's pumping station property on Columbia Point to the university in exchange for a new scholarship program aimed at helping graduates of Boston public high schools succeed in college.

The new Boston City Scholarships program was developed as part of the agreement with the Boston Water and Sewer Commission as the commission last year completed its move out of the pumping station property to a new location in Charlestown.

Under the Boston City Scholarships program, graduates of a Boston public high school who are admitted to UMass Boston with a 3.0 grade point average or above and enroll at the university the semester following their graduation will be granted a \$1,000 scholarship. UMass Boston will renew the scholarship for up to three additional years for students who stay continuously enrolled full-time at the university and maintain a 3.0 grade point average or above. Scholarship recipients must be residents of Massachusetts.

UMass Boston has committed \$2 million to fund the program. When it begins this fall, the scholarship is expected to benefit more than 70 incoming freshmen. It will continue for approximately 15 years.

### **On Track for 16,000**

The Office of Undergraduate Admissions reports 651 deposits for fall 2012, or 22 percent more than deposits received at the same time last year. Undergraduate applications have increased and admission decisions are up significantly.

The spring 2012 enrollment report shows UMass Boston up 2.2 percent overall in enrollments: 2.8 percent at the undergraduate level and -0.1 percent at the graduate level. The next enrollment goal is 16,000 students enrolled for fall 2012.

## ENHANCE THE LEARNING EXPERIENCE

### **Fulbright Award Recipient Liz Doles '07 Captures Sri Lanka through Photography**

In Colombo, Sri Lanka, UMass Boston alumna Liz Doles is taking in local life and landmarks through an unusual lens: her homemade pinhole camera.

A former graphic designer, Doles turned to pinhole photography when her eyesight was compromised by acute ophthalmic thyroid disease. With her freelance business gone, she decided to complete her education at UMass Boston.

After learning about the Fulbright Award, Doles proposed to photograph Sri Lanka's neglected architectural treasures, choosing Sri Lanka for its size – she can travel the entire country during her term of study – and its tropical light, ideal for pinhole photography. Director of University Honors Program and Professor of English Rajini Srikanth helped Doles apply for and win the scholarship.

Doles, who graduated in 2007 after studying art history and Japanese, is one of more than 1,600 U.S. citizens traveling abroad for the 2011-2012 academic year through the Fulbright U.S. Student Program.

### **Board-Approved New PhD Programs Draw Surge of Interest, Applications**

Last year, the Board of Trustees approved four new PhD programs at UMass Boston: Developmental and Brain Sciences, Counseling and School Psychology, Business Administration, and Global Governance and Human Security. All went on to be approved by the Board of Higher Education (BHE), and are recruiting the first classes of students for fall 2012.

Counseling and School Psychology, which had a December 1 application deadline, has received 67 applications and expects to admit eight students.

Developmental and Brain Sciences, with a December 16 application deadline, has received 27 applications and will admit four or five students.

The PhD program in Business Administration was approved by BHE in December. Ahead of its February 1st application deadline, it has received 43 applications for its eight positions.

Finally, the PhD program in Global Governance and Human Security was also approved by BHE in December. It has a February 15th application deadline and has received 16 applications from international and domestic students.

### **University College Puts the 'Work' in Workforce Development**

As vice president of operations for his electronics company, Ray Leczynski had a comfortable lifestyle. But in the 2000s, jobs in his industry began to be shipped out of the country.

Soon Leczynski found himself a statistic: downsized and out of work in his 40s. Realizing he would probably not find work in electronics again, he began to explore his options.

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## ENHANCE THE LEARNING EXPERIENCE (CONT. FROM PAGE 2)

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Leczynski learned of the Trade Adjustment Assistance (TAA) program offered through the Massachusetts Office of Labor and Workforce Development. The TAA would help provide retraining for another career if he could prove that his job was lost to foreign trade.

"I decided to explore accounting as a career," he said. "My daughter had her UMass degree in it, and I enjoyed the work."

Leczynski was accepted in the MBA program at UMass Boston, for a master of science degree in accounting.

"University College worked to ensure that the funding was in place for him to start his studies," said Olga Lauterbach, director of Corporate and Professional Training at University College, UMass Boston's central point of contact for the Office of Labor and Workforce Development.

Thanks to Lauterbach, said Leczynski, "I was able to enroll in the College of Management and earn my master's in accounting. She helped me through the process that allowed me not only to attend the degree program, but survive financially."

Leczynski graduated in December 2011, earning his degree in one year. Weeks later, he was offered and accepted a position at a small accounting firm on the North Shore.

"The TAA program allowed me to choose among many high-quality programs, but UMass Boston was the best choice. I have a new degree, a new career, and owe a debt of gratitude to Olga, University College, and UMass Boston," Leczynski said.

### College of Nursing and Health Sciences (CNHS) Re-accredited by the Commission on Collegiate Nursing Education (CCNE)

In October 2011, the CCNE reviewed and accredited each of the CNHS's nursing baccalaureate, master's, and Doctor of Nursing Practice programs. The board's decision reflects the sterling reputation and credibility of CNHS's programs, including new programs created to respond to trends in the nursing education, such as the accelerated BS option for students with degrees from non-nursing majors and the online RN-to-BS program. Each program was granted the maximum length of time for accreditation for which it qualified, from five to ten years.

### Boston's Only Public Option for Engineering Admitting Students for Fall 2012

Starting next fall, UMass Boston will begin its first four-year engineering degree program, thanks to the support of the UMass System and Board of Trustees. The new electrical and computer engineering program is yet another step for UMass Boston in offering high-quality yet affordable science, technology, engineering, and mathematics [STEM] programs to urban Boston students that will stimulate economic development in the region.

## STRENGTHEN THE UNIVERSITY'S RESEARCH AND DEVELOPMENT ENTERPRISE

### CNHS Professor Receives \$3.1 Million Grant from NIH to Study Chronic Pain

Professor Suzanne Leveille was recently awarded a \$3.1 million R01 grant from the National Institute on Aging, part of the National Institutes of Health (NIH), to fund a five-year research study that began this past July. The goal of the study is to better understand how chronic pain influences falls in hopes of finding new ways of preventing falls and their disabling consequences.

Leveille, the principal investigator, will lead a team of researchers from Beth Israel Deaconess Medical Center, Boston Veteran's Administration Medical Center Jamaica Plain, Spaulding Rehabilitation Hospital, Hebrew SeniorLife, and the College of Nursing and Health Sciences at UMass Boston.

The study, titled "Attentional Demands of Chronic Pain and Risk for Falls in Older Adults," is part of Leveille's ongoing research exploring the role of chronic pain as a cause of falls among seniors living in the community. The grant will fund a reassessment of the more than 500 participants in the MOBILIZE Boston Study, a longitudinal cohort study of risk factors for falls among older adults in the Boston area that began in 2005.

Although the new research is based at UMass Boston, clinical exams for the study will be conducted at Hebrew SeniorLife. Participants aged 75 and older will visit the clinic for an assessment of cognitive and physical functions, and several mobility tests.

"Our research to date in the MOBILIZE Boston Study has found that older adults with chronic joint pain tend to have more falls than persons without chronic pain," Leveille said.

## STRENGTHEN THE UNIVERSITY'S RESEARCH AND DEVELOPMENT ENTERPRISE (CONT. FROM PAGE 3)

### **Kenyan Prime Minister Meets With CNHS Students, Pledges Health Education Support**

For five years, College of Nursing and Health Sciences students have traveled to Kenya to provide health care to underserved villagers. In 2011, the Afya Njema program reached an exciting milestone as the students enjoyed a private audience with the Kenyan prime minister, who expressed his commitment to promoting awareness of cardiovascular health and advancing efforts to educate the Kenyan people.

### **UMass Boston and Harvard School of Public Health's Joint Study Grabs Headlines**

News outlets from the *New York Times* to the *Wall Street Journal* to the *Washington Post* picked up on the results of a study conducted by UMass Boston and the Harvard School of Public Health that examines the long-term effectiveness of nicotine replacement therapies for former smokers. Lois Biener of the Center for Survey Research is cited in the *New York Times* article.

### **First-of-its-Kind Study Assesses Transitions to School for Special-Needs Students**

Assistant Professor of Psychology Abbey Eisenhower, together with UC Riverside Professor Jan Blacher (PI), received a \$1.2 million, three-year grant from the Institute of Education Sciences, the research arm of the U.S. Department of Education, funding the bi-coastal Smooth Sailing Project. The first-of-its-kind study will assess how children with autism adapt to the early school years, and identify predictors that lead to a successful transition.



*The newly installed Mark di Suvero sculpture Sunflowers for Vincent was a welcome addition to the Arts on the Point public arts project in December. It joins another monumental work on campus by di Suvero, titled Huru, making UMass Boston the only location in New England where the public can see two examples of this renowned artist's achievements.*

## CONTINUE A FOCUS ON DIVERSITY AND POSITIVE CLIMATE

### **America Ferrara of TV's 'Ugly Betty' Addresses New Women's Leadership Initiative Students**

A new and innovative student leadership development program focused on women's leadership was launched in January 2012. The kick-off event on January 31, 2012, featured award-winning actress and political activist America Ferrara, who came to campus to give a talk titled "The Intersection of Race and Class."

Other events to follow will include a women's leadership seminar with a series of workshops and discussions throughout the spring semester, a Voices of Women Blogging Project, and a women's leadership symposium in March.

The Women's Leadership Initiative was created to provide female students more opportunities to leverage leadership strengths for future success through continuous participation in campus and community programs; raise awareness of gender inequality and social injustice among women leaders through exposure to global issues; and empower female students to be active participants across disciplines, active citizens in communities, and leaders in future careers.

### **UMass Boston Community Hosts Day of Service on Martin Luther King, Jr. Day**

This year's Martin Luther King, Jr. Day event included a variety of service projects to benefit the community in the morning, and a luncheon in the afternoon with a program celebrating Dr. King's contributions. Families living in the nearby Harbor Point apartment complex and the UMass Boston community came together to honor Dr. King's legacy through this day of service.

## RENEW THE FACULTY

### Chancellor's Distinguished Award Winners Share their Insight

On November 28, staff, administrators, and faculty members enjoyed three inspiring talks from each of the winners of the 2011 Chancellor's Awards, presented at commencement.

Professor of English Vivian Zamel, Professor of Psychology and Graduate Program Director Alice Carter, and Professor of Biology Manickam Sugumaran spoke of their experiences at UMass Boston, providing insight and advice to the audience.

Zamel expanded on the lessons she has learned from her career as a teacher, explaining that she sees the classroom as a culture of its own to be learned.

What is important to Zamel is "transculturation, versus trying to get students to acculturate." Making errors along the way, she said, is beneficial to students and teachers, as the processes of both learning and teaching are "messy, complicated, and irreducible."

Carter told the audience that the "multicultural, multilingual, and multitalented" undergraduate and graduate students at UMass Boston, as well as the help of her colleagues, make her research possible.

Speaking about her research career, Carter said that before she co-created the ITSEA and BITSEA assessment tools to measure childhood psychopathology, there were no diagnostic tools for children so young. Now, she said, even in children as young as 18 months, "we can see autism, aggression, anxiety. We've documented that the problems aren't just a stage."

Sugumaran completed the trifecta with his affectionate presentation "UMass Boston Is My Life." Reminiscing on his more than 30 years in the College of Science and Mathematics, Sugumaran emphasized his dedication to giving back to the university that he said has given him so much.

"I doubt I could have accomplished my research anywhere else," he said. "What I cherish most is service to UMass Boston."

### Research Thank-You Luncheon Honors Faculty, Staff, Student Researchers

During a thank-you luncheon in November, UMass Boston's faculty, staff, and student researchers were honored for their achievements by the Office of Research and Sponsored Programs (ORSP).

"In my 20 years of research administration, I have never seen an institution take the time to say 'thank you,'" said Matthew Meyer, the new associate vice provost for research and director of ORSP.

Vice Provost for Research and Strategic Initiatives Zong-Guo Xia said that more than 140 graduate and undergraduate students published full-length papers in peer-reviewed journals, books, and conference proceedings between September 1, 2010 and August 31, 2011.

Other numbers of note from that same time period:

- 36 books published by faculty members, 26 from the College of Liberal Arts alone.
- \$54 million in external research funding.

## INCREASE ENDOWMENT

### Giving Report Shows Highlights of Successful Year in Fundraising

The University Advancement office at UMass Boston has released its annual report, "Ripples of Impact," highlighting the successes of fiscal year 2011 and forecasting more support in the future.

The report credits thousands of alumni, friends, corporations, and foundations with helping UMass Boston raise \$11,619,804 in private support in fiscal year 2011. Other highlights include:

- 6,602 individual donors supported the university with gifts totaling \$1,901,167.
- Alumni contributions comprised \$428,581 of the above amount.
- Friends of the university donated \$1,418,586.
- The Chancellor's Council, composed of donors who make gifts of \$1,000 or more annually, continues to grow; its members now number 271.
- Likewise, a growing group of donors have chosen to support the university through planned giving. The university's Lampas Society now has 60 members.
- Gifts were realized from the estates of 20 individuals.

### Annual WUMB Fundraiser Nets Six Figures for Station

WUMB's annual fall on-air fundraiser was a success, raising \$117,000 from 1,268 donors.



Former Olympic track star Marion Jones was invited to campus in December through the UMass Uncommon Leadership speaker series, started by Amherst alumnus Glenn Mangurian. Jones gave a talk to UMass Boston students, faculty, and staff titled “Responsibility, Redemption, and Resilience.”

## DEVELOP FIRST-RATE INFRASTRUCTURE

### Brainstorming on Bayside Redevelopment Completed

Over the past eight months, the Division of Government Relations and Public Affairs, the Chancellor's Office, and the Office of Master Planning led an intensive planning process to gather input and ideas for the redevelopment of the 20-acre former Bayside Exposition Center site.

The goal of the planning exercise was to solicit feedback and guidance from the university community, neighbors, and key stakeholders in crafting a framework for the development of the site. The planning process included brainstorming charrettes in May and November, along with a series of smaller meetings with key stakeholder groups. In all, the process involved nearly a dozen meetings and presentations and over 250 participants. (Even *Boston Globe* editorial writer Lawrence Harmon offered his suggestions in a column published on December 17.)

A report summarizing the planning process, cataloguing development ideas, and setting out a list of possible criteria for evaluating development scenarios was released in January 2012. The findings from the Bayside planning process will be forwarded to the university's master planning task force for review and inclusion in the campus master planning process.

For more information about the Bayside planning process, or to read the report, visit [www.umb.edu/bayside](http://www.umb.edu/bayside).

## DEVELOP A LEADERSHIP ROLE IN PUBLIC SERVICE

### Center for Civil Discourse to Host Forum on Civility and American Democracy

A U.S. representative yells, “You lie!” at President Obama during an address to Congress. Super PACs bombard television viewers with commercials that deliberately distort truth to tarnish candidates' reputations. Gunsight graphics are used on a map targeting elected leaders. And, tragically, a congresswoman is gunned down at a public event.

What happened to civility in America? Did it disappear? Did it ever truly exist?

UMass Boston's Center for Civil Discourse has invited a group of leading scholars and journalists – including Diana Eck, Ellen Goodman, Randall Kennedy, Joe Klein, Jill Lepore, Mark Lilla, Austin Sarat, David L. Smith, John Stauffer, Ilàn Stavans, and Alan Wolfe – to gather on campus to discuss these questions and others about the role civility plays in American democracy. Tom Ashbrook, host of NPR's *On Point*, will moderate this Forum on Civility and American Democracy on February 17.

### Workshop on Post-Disaster Development Draws International Crowd

A November workshop on “Innovation, Diversity, and Sustainable Development in Areas of Social Vulnerability,” organized by UMass Boston's Center for Rebuilding Sustainable Communities after Disasters, drew participants from five continents. The workshop examined lessons from Japan's recent earthquake and tsunami as well as social vulnerabilities in specific populations worldwide.

### University College Reaches Out to Community

Representatives from University College attended a meeting with members of PROJECT RIGHT at Grove Hall in Dorchester on December 6. Project RIGHT promotes involvement in neighborhood stabilization and economic development within the community of Greater Grove Hall (Roxbury and North Dorchester), and provides training and support for emerging leadership by providing an inclusive network for resident organizations to engage in community building efforts within Grove Hall.

### Students Preserve Newton History in Archaeological Dig

Through the Fiske Center for Archaeological Research, 12 UMass Boston students participated in a dig in Newton over the summer, at the Durant-Kenrick Homestead. The Waverley Avenue house was built in the 1730s. From the students' findings, the nonprofit organization Historic Newton plans to turn the preserved property into an education center for the town, said Fiske Associate Director David Landon. “We put a lot of effort into getting students engaged,” Landon said. “It's a real project. They're saving the house.”

## IMPROVE THE DELIVERY OF IT AND ADMINISTRATIVE SERVICES

### Most www.umb.edu Users Say Site Represents University Positively

Last fall 1,271 UMass Boston students, faculty, staff, and administrators took part in a survey asking their opinions on the university's newly rebuilt website, www.umb.edu. Students and prospective students are the primary audience of the new site, launched in August 2011.

Survey results indicate that the new website achieves its goals. Sixty-one percent of students said they "like" or "really like" the new site, and another 24 percent said "it's OK." Sixty-eight percent of students called the new site an improvement, identifying the new design as their favorite element of the site. Nearly all respondents (89 percent) said that the new web design positively represents UMass Boston, with more than half (58 percent) answering that the site does a "good job" or "great job" in telling the UMass Boston story.



*Structural steel for the Integrated Sciences Complex was delivered in December, and workers have already erected much of the framework for the new building. Throughout the winter and spring, the university community and visitors to campus will see the new Integrated Sciences Complex take shape as steel goes up and metal decks, concrete slabs, and fireproofing are installed. The building is on schedule to open for classes in the fall of 2013.*

## POSITION UNIVERSITY IN THE HIGHER EDUCATION MARKETPLACE

### CNHS's Undergraduate Nursing Program Ranked Ninth Largest in the Nation, Largest in New England

Last summer, Modern Healthcare.com's listing of "Largest Nursing Schools" in the U.S. for the 2009–2010 school year recognized the Department of Nursing at the College of Nursing and Health Sciences as the ninth-largest school of nursing in the country in total graduates. No other New England nursing program ranked in the top 20.

### Five New UMass Boston Voices Host WUMB's Commonwealth Journal

WUMB's Commonwealth Journal is an award-winning weekly half-hour public affairs talk show that explores wide-ranging topics of particular interest to Massachusetts listeners and New Englanders. Distinguished guests include local and national artists, activists, authors, leading government officials, and other experts.

New voices from UMass Boston have been invited to host Commonwealth Journal, broadcasting their unique perspectives on engaging and culturally relevant topics:

- Steve Crosby, dean of the John W. McCormack Graduate School of Policy and Global Studies

- DeWayne Lehman, director of communications, Division of Government Relations and Public Affairs
- Barbara Lewis, director of the William Monroe Trotter Institute for the Study of Black History and Culture and associate professor in the Department of English
- Rachel Rubin, department chair of American Studies, College of Liberal Arts
- Paul Watanabe, director of the Institute for Asian American Studies and Associate Professor of Political Science

### Management Professor David Levy Wins 'Oscar of B-School World'

The Center for Business Education at the Aspen Institute has announced that UMass Boston's David Levy has been named the 2011 Faculty Pioneer.

This recognition program, dubbed the "Oscars of the business school world" by *The Financial Times*, celebrates business school instructors who have demonstrated leadership and risk-taking in integrating social, ethical, and environmental issues into the MBA curriculum. David Levy is professor of management and chair of the Department of Management and Marketing at the College of Management, as well as the founder and director of the Center for Sustainable Enterprise and Regional Competitiveness.