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THE UNIVERSITY

Reporter

NEWS AND INFORMATION ABOUT THE UNIVERSITY OF MASSACHUSETTS BOSTON

Volume 1
Number 4
December 1996

Immunology Researcher Wins NIH Grant

In the biology lab of Assistant Professor Greg Beck, students are studying the immune systems of three different invertebrates—starfish, sea urchins, and the tobacco hornworm. While it may be hard to imagine that there are many similarities between the immune systems of starfish and human beings, Beck expects his research to increase our understanding of how the human immune system functions.

“My approach to immunology is evolutionary,” says Beck. “Invertebrate host defense systems are very effective, and have allowed them to thrive on earth for much longer than humans. Many of their forms of protection are also present in vertebrates, although they may be hidden by the greater complexity of the vertebrate immune systems.” This approach to immunology has won Beck a National Institutes of Health Academic Resource Enhancement (AREA) Award of \$110,300.

The specific focus of Beck’s research is a family of proteins called cytokines, which function as immune system regulators in vertebrates, and their invertebrate counterparts. In an article co-authored by Beck and his colleague Gail S. Habicht in the November 1996 issue of *Scientific American*, the researchers describe their discoveries of “invertebrate cytokines,” which, while not identical, appear to organize similar, critical aspects of invertebrate immune system response. Cytokines are the chemical messengers that either stimulate or suppress other cells of the immune system, regulating the protective responses the organism needs at that moment.

But cytokines and their invertebrate counterparts, Beck says, are only one small piece of a very large puzzle, and many avenues have yet to be explored. “We have certain proteins in our bodies, and have no idea what they do,” says Beck. “But invertebrates have them too, and we can explore their function in the less complex invertebrate immune system. We have antibodies in our blood that invertebrates do not have. We

continued on page 12

IN THIS ISSUE:

Immunology Research.....	1
Letter from Editor.....	2
The Dean’s Corner.....	3
TAG, Project ALERTA.....	4
Environmental Business.....	5
Mass PIRG.....	6
Deans List Athletes.....	6
Rock & Roll.....	7
Campus Notes.....	8, 10
CAIN.....	9
Ferguson Book.....	11
Adelante Awards.....	11
Dukakis Awards.....	12

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A Letter from the Editor

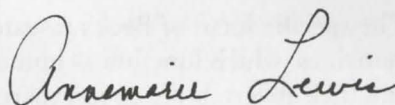
Dear Readers:

As the first semester of the 1996 - 1997 academic year comes to a close, I would like to take this opportunity to thank you for your support in making this publication a success. Your response has been very positive and most appreciated. The submission of material and information to the *University Reporter* has grown steadily since our first issue in September, and we hope that you continue to keep us informed on what is happening in your office, department, institute, center or college, as we embark on the Spring semester. We are always open to story ideas and appreciate learning about the achievements and accomplishments of our faculty, staff, and students.

I would also like to take this time to congratulate Annette Fernie, who, in December was appointed as a Media Relations/Public Information Specialist in the Office of Public Information. Before that, Annette worked for sixteen months, on a contractual basis, as a Press Liaison for the Office of Public Information. Annette is a 1995 alumna of UMass Boston where she earned a bachelor's degree in English. Joining Annette in the Office of Public Information, also as a Media Relations/Public Information Specialist, is Stacey Carter. Stacey received her undergraduate degree in journalism from Syracuse University. She worked as a communications specialist for Peace College in Raleigh, North Carolina and also served as the Director of Communications for the YWCA in Raleigh, North Carolina. In addition to writing for the *University Reporter*, Annette and Stacey will also collaborate on media and public relations activities for the University.

We all look forward to working with you in the upcoming semester.

Best wishes for a very happy and healthy holiday season.



Annemarie Lewis
Editor
University Reporter

The Dean's Corner: Theresa Mortimer

Not too long ago, it was only a summer program that served 3800 students. Today, ten years later, it has grown into a widely popular program which offers credit and non-credit courses to over 10,000 students. We're talking, of course, about the Division of Continuing Education (CE), and in an informal conversation with its dean, Terry Mortimer, we learned of the two principles that have guided her mission in making CE an accessible educational resource to the many students and professionals it serves.

Mortimer's first principle is to "be ever mindful of the academic integrity of UMass Boston," and the second is to "be creative in providing courses and services to students." "My staff and I visit every classroom during the first Saturday class of each session and ask students what they need," says Mortimer. We try to find out what works for our students, who are urban commuters with many responsibilities, and we respond to that." This kind of attentiveness has resulted in programs that support UMass Boston's state-funded curriculum in four ways: through flexible scheduling of courses in the evenings and on weekends; by offering creative programming options; and by offering courses during the January winter break, and summer sessions. In addition to UMass Boston, CE offers courses at

Braintree High School, and at the Muriel Snowden High School in downtown Boston.

Underlying all of CE's programs is the 'one college concept.' "Our programs are built on the strengths found in the academic units of the University, and this fosters a single standard of academic quality," Mortimer says.

Many of UMass Boston's most innovative and exciting programs, such as the *Marine Biology on Nantucket* program, *The American Studies Summer Institute at the JFK Library*, and the *Playwriting and Performance on Nantucket* program, are the result of creative program planning between CE and University faculty. Other programs, such as *Ireland Today*, are designed to give our students a chance to experience another culture, which Mortimer says is important to students who live in today's "global" society. "It is very important for our students to have an opportunity to visit other countries and experience other cultures. A traditional year or semester abroad won't work for many of our students, but a four week experience abroad works for some," she says.

During Mortimer's tenure, CE has established programs to meet another educational need: professional training programs. These fast-growing and popular programs are tailored to meet the specialized needs of those who wish to enhance their professional skills in order to improve workplace competence, prepare

for promotions, or make career changes. They are offered on a credit and non-credit basis through individual courses, certificate programs, or contracted, customized training. Certificates may be obtained in the areas of Alcoholism/Chemical Dependency Treatment Services, Corporate and Promotional Communications, Marketing Communications, Government Auditing and Managing Government Audits, and Human Resource Management. According to Mortimer, all these programs are built upon the strengths of the academic units of the University, and much of the credit for their success goes to the UMass Boston faculty for their talent, and for the innovative programs they have helped to create in cooperation with CE. "These are programs that would not exist, if we hadn't worked together," she says.

Mortimer came to UMass Boston in 1982 from Boston State College, where she was a member of the Modern Languages faculty and served as an administrator. She received her bachelor's degree from Emmanuel College, and her doctorate in Romance Languages from Boston College.

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Latino Outreach Boosts Academic Success

Little did Spencer Sanchez know in the summer of 1988, that the summer program he attended at UMass Boston would have such a big impact on his life. His father, enrolled him in the Talented and Gifted Hispanic Program (TAG) for academic preparation prior to his starting seventh grade at the Boston Latin School. As he lists the subjects he was studying that summer—latin, math, science and English—he reflects on what it meant to him. “Going to the Latin School for the first time is intimidating. But because I attended the summer TAG program, I was better prepared to deal with the changes. I’d also met twenty other Latino kids who were going to my school and were in my grade, so that helped me socially, too.” Today, Sanchez, a student at UMass Boston, is the head tutor for TAG at the Boston Latin School.

Founder and director Lucia Mayerson David says that TAG was created in 1984 with a grant from the Massachusetts Board of Regents to the Institute for Learning and Teaching, to find ways to increase Latino enrollments at Boston’s exam schools. Shortly following TAG’s inception, Mayerson David realized that by middle school, it was too late to start preparing some students for the rigorous work at the City’s three exam schools. This led to the creation of Project ALERTA, which supports Latino 3rd, 4th, and 5th graders in the Boston Public Schools, and to the expansion of TAG to other district high schools. According to Mayerson David, who also serves as director for Project

ALERTA, these programs provide academic enrichment and support to help Latino students attain their full potential to succeed in school.

TAG provides in-school tutoring (provided mainly by UMass Boston students like Sanchez) and club activities to Latino students at the Boston Latin School, Boston Latin Academy, the John D. O’Bryant School of Mathematics and Science, English High School and Dorchester High School. TAG works with tutors, teachers, principals and parents—all of whom play a critical role in supporting student success. The program serves approximately 260 students during the school year. It’s summer program serves 150 Latino students who are from various schools within the Boston Public School system.

Project ALERTA also serves 260 students through a three-hour a week enrichment program at seven Boston elementary schools, according to Mary Lynda Daley, coordinator for Project ALERTA. Daley says it is critical to reach students at a young age, before some children’s academic and artistic gifts “go into hiding” for a variety of reasons. “We ask the students, ‘What would you like to study if you could choose?’ and then tailor our curriculum to their personal interests.” Daley says that she works closely with Project ALERTA teachers, who are chosen for their enthusiasm and high expectations for the students.

The focus on education and youth development is fitting for the Latino community in Boston, where close to 50% of the population are under the age of 24, according to 1990 census figures. The Latino community is the fastest growing population in the state, quadrupling in size between 1970 and 1990. “The Latino community is not only young in age, but also in terms of how long they have been in this country. We’re looking to our young people for 21st Century leadership,” says Mayerson David.

Spencer Sanchez says that through TAG and Project ALERTA, Latino youth are developing networks within the Latino neighborhoods in the City. He says that beyond academics, these programs provide them with other, more subtle benefits that may lead to the kinds of leadership Mayerson David hopes to see. “TAG and Project ALERTA provide us with a sense of pride in our community and our heritage, which isn’t an easy thing to do, and it doesn’t happen by accident,” he says.

According to the November 22 issue of *The Hispanic Outlook In Higher Education*, UMass Boston was chosen as one of the HOT (*Hispanic Outlook Tops*) universities offering outstanding opportunities to Hispanic students in the country.

Enviro-Start Ups Get Help From EBTC

The environmental technology industry of Massachusetts accounts for 60,000 jobs and over \$6 billion in sales, making it vital to the state's economy. But for a young envirotech company with a good idea, it can be a long, rocky road to travel before that idea becomes a product on the market.

Take, for example, SolmeteX, Inc. of Walpole, MA. It developed an innovative process for removing dangerous metals, such as mercury, from groundwater, drainage water, and wastewater. But in order to receive regulatory approvals and venture financing, SolmeteX needed help navigating the complex technology performance verification process. The company got the assistance it needed from the College of Management's Environmental Business and Technology Center (EBTC).

Upon receiving the call from SolmeteX, William Brah, Director of the EBTC, contacted Professor Gordon Wallace of the Environmental Sciences Department. Wallace and graduate student Chris Krahforst developed a series of performance verification procedures for the SolmeteX technology. To develop business strategies, Brah paired SolmeteX with Professor David Levy of the College of Management and students in his International Business Practicum. Brah also assigned undergraduate physics major Ted Shields to serve as an intern to a SolmeteX research group (Shields was hired by SolemeteX after graduating in June). Thanks to the EBTC's technological

expertise and assistance, demonstrations of the SolmeteX technology began at Boston-area industrial sites this fall. The company projects profitability in 1997.

The EBTC is one of four centers set up on University of Massachusetts campuses through the Strategic Envirotechnology Partnership (STEP), a two-year old alliance among the Commonwealth's Executive Office of Environmental Affairs, Department of Economic Development, and the University of Massachusetts. By establishing STEP, the legislature recognized the potential of "green business" to the commonwealth's future. STEP provides a range of resources and services meant to move new environmental technologies toward commercial viability.

STEP also seeks to identify new technologies that will open up economic development opportunities in the state. Each STEP center focuses on providing envirotech businesses with assistance and unique expertise. At UMass Boston, the EBTC primarily provides business assistance, but offers technical help as well, as it did with SolmeteX. It also coordinates the efforts of the four UMass centers.

The EBTC function that most pleases Brah is the placing of UMass Boston students in internships. When Brah arrived at the EBTC two years ago, one of his first undertakings was securing a \$90,000 three-year grant from the Massachusetts Department of Environmental

Protection to develop an internship program. Through this grant, the EBTC provides opportunities for UMass Boston students to get "ahead of the curve" by gaining experience in a field that is sure to see exponential growth in the future.

"The companies I work with are creating jobs left and right, but they don't have the time to develop a relationship with a university that will provide them with a steady supply of good interns," says Brah. "In the process of helping start-up envirotech companies, we can find places for interns to work with them, and for this the companies are grateful." To date, 15 students have received paid internships with envirotech companies through the EBTC, working in areas such as product development, management information systems, and field testing.

Future potential projects include a partnership between EBTC and the Massachusetts Water Resource Authority to test technologies aimed at reducing the discharge of metals into the Boston Harbor. The EBTC is also leading an effort to create a \$5 million venture capital fund for STEP that would provide seed capital to new companies with good ideas. "In the process of helping companies get started and helping to solve their regulatory dilemmas, we're creating opportunities for students and faculty to become involved with a growing sector of the Massachusetts economy, and raising the profile of UMass Boston," says Brah.

Students & MassPIRG Help Feed & Clothe Homeless

When the 11 a.m. bus stopped between McCormack and Wheatley Nov. 22, students kept climbing aboard and hopping off again. They weren't undecided about a destination. They were loading the Hunger Bus bound for Rosie's Place, a sanctuary for poor and homeless women, with 500 pounds of clothing and 300 pounds of food. Rosie's Place operates through private gifts, providing food, counseling, clothes for job interviews and medical care to nearly 2,000 Boston women annually.

"It's through donations, such as what these students have done, that we are able to survive," said

Toni Troop, director of development and public relations at Rosie's Place. The clothing and food drive was a statewide initiative headed by the Massachusetts Student Public Interest Research Group (MASSPIRG). Students across the state donated 4,700 pounds of clothing and 5,200 pounds of food during Hunger and Homelessness Awareness Week, the week before Thanksgiving.

"The clothing drive is always really successful at UMass. It's an easy way for students to feel like they're helping," said Sarah Bennett, MASSPIRG Coordina-

tor. She commended the UMass Boston chapter for completing such an organized drive and was especially pleased with the debut of the Hunger Bus. Chancellor Sherry Penney, Assistant Vice Chancellor of Student Affairs John Applebee and Director of Student Life Kelly Clark helped load the bus.

MASSPIRG promotes awareness of environmental, hunger, homelessness and consumer issues on college campuses. Founded in 1973, MASSPIRG's UMass Boston Chapter is one of the oldest of the organization's 23 chapters and has about 30 members.

Dean's List Athletes Make The Grade

What may account for the fact that 42 out of 300 athletes made the Dean's List for the 1995-96 academic year is that "the UMass Boston faculty have been most supportive," says Athletic Director Charlie Titus. Thirteen sports have been represented on the Dean's List, ranging from women's soccer to men's tennis to men's basketball.

According to Titus, now in his 16th year as athletic director, "We subscribe to two concepts, the first being that the student-athletes make normal progress towards a degree, and the second being that they work up to their potential. Many of our graduates have left the UMass basketball and tennis courts to become very successful professionals."

Associate Director of Athletics Mary Barrett serves as Titus'

National Collegiate Athletic Association (NCAA) compliance officer. She also monitors a variety of programs, including academic coordination. Her long list of accomplishments includes her election to the NCAA Executive Committee in 1992, and most recently, her appointment as the first woman on the Board of Directors of the National Football Foundation Hall of Fame.

UMass Boston, which competes in Division III sports events, places highest priority on the overall quality of the educational experience and the successful completion of all academic programs. Titus and his colleagues seek to maintain an environment in which a student's athletic activities are conducted as an integral part of the educational experience.

Athletes' credit loads are tracked weekly via computer to make sure they are maintaining academic responsibilities. During mid-terms, the faculty are asked to share their opinions about the student athletes' performance in the classroom. "Academics always come first, and if our athletes are on academic probation, they are not allowed to compete," says Barrett.

"We try to have students combine their academic lives with athletics and social activities," says Barrett. "We try to have personal contact with all our athletes, and know them by their first names. We are so proud of our Dean's List students. That's quite an accomplishment for a commuter school."

In Garofalo's Book, It's Not Only Rock & Roll

If you've ever wondered about the evolution of popular music in the United States, from "Tin Pan Alley" in the late 1800s to the mainstream success of "alternative" music, you can read all about it in *Rockin' Out: Popular Music in the USA* by Reebee Garofalo. Garofalo's book interprets the history of popular music in a political and social context, looking at who we are as a society and how we see ourselves as reflected in the popular music of the day.

Garofalo, who teaches the History of the Welfare State at the Human Services Center as well as the History of Rock and Roll through CPCS and the American Studies Program, says that music and politics are what make him run. "Sometimes that can be schizophrenic," he says, but he thinks his interests come together well in the book. "In *Rockin' Out*, I critically analyze society through popular music. I make the case that popular music is the social indicator that tells us about the world around us."

One of Garofalo's concerns is who decides what we can listen to. An advocate of the First

Amendment, which protects free expression in music, Garofalo says that since the mid-1980s, we've entered a period of strong public reaction to the expressions of popular music. It has been clear through the statements of our public officials, beginning with former President George Bush and former Secretary of Education William Bennett, that popular music and culture are the terrain where our society fights over values. The Washington, D.C.-based Parents Music Resource Center has worked to limit what they see as popular music's harmful influences, such as violence, explicit sexuality, suicide, the occult, and drug and alcohol abuse. Organizations such as the Massachusetts Music Industry Coalition and the American Civil Liberties Union (ACLU), of which Garofalo leads the Massachusetts chapter's Anti-Censorship Committee, have defended free speech in response.

In Garofalo's view, we shouldn't be asking whether or not we like what we hear, but rather, what should we be doing about it? The First Amendment, he says, isn't necessary for the protection of popular speech. It is the unpopular things people say that need protection. "Anything that a person has a right to say legally

shouldn't be censored and forced underground. Rather than doing that, I think we should hold the objectionable material up to the light of day and have a discussion about it and what it means."

Garofalo's book has generated quite a bit of interest in the local and national broadcast media markets. He was profiled on the Channel 56 news on the eve before his UMass Boston book signing, and a guest on WBZ radio's *The Brudnoy Show*, and on WUMB's *Off the Tracks* with host Dave Palmater. During a five-day publicity trip to New York City, he was interviewed by Cable Network News, the Associated Press, *USA Today*, and National Public Radio. Garofalo has also authored two other books on popular music: *Rock & Roll is here to Pay* (1977) co-authored with Steve Chapple, and *Rockin' the Boat: Mass Music and Mass Movements* (1992). He is the drummer with the local rock & roll band, The Blue Suede Boppers.

Check out what's happening at UMass Boston on our world wide web site at <http://www.umb.edu>

Events

A team of UMass Boston faculty participated in a national conference sponsored by the Ford Foundation, entitled *Diversity and the Public Good*, held in Seattle, Washington, from October 31 to November 3. Conference participants hailed from leading institutions within the Ford Foundation's National Faculty Development Network. The UMass Boston team included: Professors **Lawrence Foster**, Philosophy; **Asgedet Stefanos**, General Center; **Raymond Liu**, Accounting; **Esther Kingston-Mann**, American Studies; and **Peter Kiang**, American Studies and Graduate College of Education, who also presented a conference workshop on "New Technologies and Social Justice." The Ford Foundation supports UMass Boston's **Center for the Improvement of Teaching** (CIT).

Dean **Woodruff Smith** of the Liberal Arts Faculty along with the **Center for World Culture** and the **Modern Languages Department** sponsored a lecture featuring Professor Ada Savin of the Universite de Versailles Saint-Quentin-en-Yvelines, France, entitled *Bilingual Education in France and the U.S.: A Comparative View*, on November 20.

Professor Bernard Cottret, distinguished historian from the Universite de Versailles Saint-Quentin-en-Yvelines lectured on *Calvin: Founder of a New Civilization?* on November 20. His appearance was sponsored by the History Department, and arranged by

History Professor **R. Malcolm Smuts** and Professor **Monique Stern** of the Modern Languages Department.

An on-campus audition for *Small Victories*, a play written by **Kip Tiernan**, founder of Rosie's Place and part-time lecturer in the College of Public and Community Service, was held in November. The play, which is scheduled for a February production in McCormack Auditorium, will be directed by UMass Boston Theater Arts student **Brendan Hughes**.

Dean **Eleanor Kutz** and Professor **Suzu Groden** of the Graduate College of Education, presented papers at the National Council of Teachers of English Annual Meeting in Chicago. Kutz's paper was titled *Beginning with Language: Moving Beyond Pedagogical Differences*, and Groden's was *Authentic Assessment in Literacy and Literature*.

Professor **Joseph Check**, Director of the Leadership in Urban Schools Doctoral Program, led two sessions at a recent National Writing Project Annual Meeting. His topics were *Place of Practitioner Writing in School Reform* and *Writing in Urban School Systems*.

The **New England Resource Center for Higher Education** (NERCHE) held four meetings during December: On December 3, The Academic Deans Think Tank met on the topic *Adjunct and Part-time Faculty*; On December 6, The Student Affairs Think Tank met to discuss *Future Accountability and Student Affairs*;

And on December 13, the Liberal Learning Think Tank met to discuss *General Education Reforms*. Project Colleague met on December 9 to discuss *Mapping Institutions in Early Stages of Public Service Projects*. Project Colleague helps faculty members build the skills and expertise necessary to effective professional service and outreach.

Calendar

On January 13, **WUMB radio** will hold a Folk Arts Town Meeting to discuss an action plan for supporting the folk arts. The meeting location is in Wheatley Cafeteria at 7:00 p.m.

Grants and Awards

The Center for World Languages has been selected by the Association of American Colleges and the National Foreign Language Center at Johns Hopkins University to take part in their Language Mission Project. Project team members include Dean of Liberal Arts Faculty **Woodruff Smith**; Professors **Donaldo Macedo**, Director, Graduate Program in Bilingual/ESL Studies; **Sheila Post**, Director, Division of Global Studies; and **Candace Mitchell**, Director, Center for World Languages and Cultures. The Language Mission Project is a two-year \$500,000 national research project sponsored by the Luce Foundation, whose goal is to develop a detailed picture of foreign language teaching and learning in the United States. The project will result in a major publication and a national conference based on the results of surveys developed under the leadership of Professor Mitchell.

Dr. **James Jennings**, Director of the Trotter Institute, has accepted a Visiting Professorship in Political Science at Yale University for his upcoming sabbatical. He will teach a graduate seminar on race, ethnicity, and urban politics.

Associate Professor **Jane Cloutterbuck** of the College of Nursing was recently elected a Distinguished Practitioner in the National Academy of Practice in Nursing. She was chosen by her peers for making significant contributions to nursing and will be presented with a medallion at an April ceremony in Arlington, Va. Composed of nine academies, the National Academies of Practice advises Congress and the general public in the matters of health care advisory. Only 100 distinguished practitioners may be elected to each academy.

Five people were honored for their contributions in the field of nursing at the **College of Nursing's 5th Annual Recognition Dinner** in September:

Sharon Gallagher, adjunct nursing faculty member and Assoc. Dir. of Nursing of the Hebrew Rehabilitation Center for the Aged (HRCA), received the Exemplary Service Award for establishing scholarship opportunities through the partnership between UMB and HRCA;

Students Practice What They Study Through CAIN

Since September, students enrolled in Issues in the Urban Community, a Black Studies course taught by Professor Jemadari Kamara, have been receiving first-hand experience of the information technology challenges facing grass-roots community organizations in Boston. As part of the course curriculum, students have worked with local community groups to assess their information needs, and help them with current projects. At East Boston's Neighborhood of Affordable Housing (NOAH), for instance, UMass Boston students have been collecting data from various agencies on transportation issues in the vicinity of Maverick Square, where a re-design of the MBTA station is planned. This data is important for NOAH, in order to advocate effectively for a design which will best accommodate the many elderly and low-income families who live in the vicinity.

Kamara devised the "student outreach" component of his course in collaboration with the Community Action Information Network (CAIN), which was founded by Kamara and community organizer Chuck Turner in 1990. Since then, CAIN has been assisting community organizations to improve their information technology capabilities from UMass Boston.

"Getting students involved in CAIN's activities is a good fit," says Gloria Cross, CAIN Project Coordinator. "It enhances a student's learning experience to get out into the community and practice what they are studying in class, and it fits well with the urban mission of the University." As a final project for the course, students write a paper describing their projects, and provide the community organization with a copy of their work.

CAIN's long-term objective is to help community-based organizations (CBOs) influence public policy decisions made by local, state and federal government agencies which may potentially have adverse consequences for their neighborhoods or constituencies. To do this, community organizations need access to and the ability to use statistics and other useful data gathered by public agencies and other groups. For some organizations, this can be a difficult undertaking. However, over the past five years, CAIN has helped these groups achieve access to relevant data bases available through government agencies, build the informational capacity to use the data successfully, and analyze the information effectively for community needs.

CAIN is funded by a \$200,000 Kellogg Foundation grant. On November 22, CAIN held a special forum to present its newest initiatives. Present at the Forum was Dr. Ricardo Millett, Director of Evaluation at the Kellogg Foundation, who remarked that his organization was looking at how CAIN's strategies can be replicated elsewhere, here and abroad. "In many ways, CAIN is the kind of community development model that seeks to close the information technology gap that hampers creative community problem solving at the grass roots level," Millett says. Other Forum attendees included the three community groups working in partnership with CAIN: East Boston's NOAH, Dorchester's Codman Square Health Center, and the Asian American Resource Center of Chinatown.

At the present time, according to Cross, CAIN is exploring relationships with other faculty members, and with the University's intern programs as well, in hopes to increase opportunities for students to receive credit for working with community organizations in the future.

For news on campus closings due to inclement weather, tune in to local radio and TV news, or call 287-5000

Grants & Awards (cont.)

Pamela D'Arcy, UMB nursing alumna and Director of Patient Services at Midtown Health Care Inc., received the Urban Community Service Award for improving health care services to Boston's Asian American Community;

Nicholas Padovani, UMB '72, received the Human Performance and Fitness Award for his commitment to Boston's youth through coaching and teaching;

Lorna Andrade, UMB '78 and professor at Mass Bay Community College, received the College of Nursing Alumni Award for her work in health care facilities management, her outreach to African Americans, and her commitment to youth development;

Robert McCaffrey, founder, owner and publisher of the *Bay State Nurse*, received the Friend of Nursing Award for his interest and dedication to reporting on the nursing profession.

Publications

Economics Professor **Randy Albelda** and two colleagues recently published *Unlevel Playing Fields: Understanding Wage Inequality and Discrimination*, by McGraw-Hill. This textbook is a non-technical introduction to neoclassical economics, political economy, and discrimination which can be used across a variety of disciplines.

The next issue of the **Trotter Review** will examine the role of the Black church in the political and economic issues facing the Black community. It will be available to the university in early February.

Professors **Linda Kime** of Mathematics and Computer Science and **Judith Clark** of the School Organization, Curriculum and Instruction Department, Graduate College of Education, have co-authored *Explorations in College Algebra*. It redesigns a first-year college algebra course to meet new standards in the spirit of the Mathematics Reform Movement. A preliminary edition of the book has been published by John Wiley & Sons.

Between Melting Pot and Mosaic, a book written by Associate Professor **Andres Torres** of the General Center, CPCS, was a runner up for the 1996 Robert Park Award, given annually to the most outstanding books in the field of community studies. The awards are made each year by the American Sociological Association's Community and Urban Section.

Jennifer Radden, Associate Professor of Philosophy, recently published *Divided Minds and Successive Selves: Ethical Issues in Disorders of Identity and Personality* (MIT Press, 1996). The book addresses questions about changes in the self through time, and resulting shifts in moral attitudes.

Institute Update

Kevin Bowen, Director of the Joiner Center, was one of three Boston-area poets to be featured on the WCVB-TV channel 5 news show, *Chronicle*, on December 17.

The Learning Center
Special Offerings for January

QuarkXPress

Participants will test the basic and intermediate desktop publishing skills they learn in this two-part series by creating a two-column newsletter.

Presenter: Judi Glidden
Jan. 9 (Beginner) & Jan. 10 (Beginner)
9 a.m. - 4 p.m.
Presentation Room I

Adobe Photoshop

Explore this image editing software in three sessions. Included are lessons on painting and editing tools, understanding color, converting from one image type to another and scanning.

Presenter: Judi Glidden
Jan. 15 (Beginner), Jan. 16 (Beginner) & Jan. 22 (Intermediate)
9 a.m. - 4 p.m.
Presentation Room I

Adobe Illustrator

Techniques taught in this two-part session include drawing lines and shapes, using paint styles, rotating, reflecting and using the software's filter.

Presenter: Judi Glidden
Jan. 29 (Beginner) & Jan. 30 (Intermediate)
9 a.m. - 4 p.m.
Presentation Room I

Scanning

This one-day introductory workshop will teach techniques for scanning half-tone and color images. Also, participants will learn how to use Photoshop for editing, manage file sizes and prepare files for web pages.

Presenter: Judi Glidden
Jan. 23
9 a.m. - 4 p.m.
Presentation Room I

Macromedia Director

Learn to make self-contained movies that incorporate sound, video, still and moving images. This two-day, hands-on workshop will teach participants to develop movies that can be used in web pages, interactive presentations and CD ROMs.

Presenter: Sandra Kanter
Jan. 14 & 21
9 a.m. - 4 p.m.
Presentation Room I

Registration

Register early. Enrollment is limited, and workshops are filled on a first-come, first-served basis. Register by e-mailing The Learning Center at learningctr@umbsky.cc.umb.edu or calling 287-3990. Contact Phil Quaglieri or Anthony Martin for more information.

Check out what's happening at UMass Boston on our world wide web site at <http://www.umb.edu>

Prof Gives New Definition of the *Golden Rule*

Above the desk of Professor Thomas Ferguson is a sign that reads "The Golden Rule — He who has gold, rules." The words represent no significant personal philosophy for Ferguson. The sign is merely "a comment on political science. Money and politics are pretty closely related," he says.

He elaborates upon this theme in his latest book, *Golden Rule, The Investment Theory of Party Competition and the Logic of Money-Driven Political Systems*. The 432-page book reveals who gives money to politics, how much and why. At the beginning of the book Ferguson writes:

"It was high time, I thought, to spell out precisely what was wrong with the celebrated "median voter" approach to electoral democracy and to put forward a clear alternative, in which — as long as basic property

rights do not emerge as the dominating issue — competition between blocks of major investors drive the system."

Ferguson said he decided to write the book after receiving numerous requests from journalists, politicians and other professionals. "It's really a study about how money and American politics fit together," he explained. "I had a lot of essays I'd written on the subject. I put them together in a book, which is fairly common practice," he said. He describes the work, filled with statistics and economic theory, as "heavily academic," which was one of the reasons he agreed it should be published by the University of Chicago Press, renowned for its academic works. The book has been reviewed by several publications, including *The Independent Review* and *The Atlantic Monthly*. Jack Beatty, senior editor of *The Atlantic Monthly*, writes, "Golden Rule elevates the discussion of

money and politics from journalism to political science, from anecdote to axiom."

A contributing editor to *The Nation* and a contributing writer to *Mother Jones*, Ferguson has written two books and edited several others. He has made television appearances on Japanese, Swedish and American networks and has become a regular commentator on New England Cable News.

Prior to joining the UMass Boston faculty in 1988 in the Political Science Department, Ferguson taught at MIT and the University of Texas, Austin. He earned his undergraduate degree from Marquette University, a master's degree from both Universitaet Salzburg, Austria, and Loyola University of Chicago, and his Ph.D. from Princeton University.

UMass Boston Big Winners of Adelante Awards

On November 13, the Hispanic Office of Planning and Evaluation, Inc. (HOPE) honored five entities at UMass Boston with the *Adelante Awards*. These awards recognize the commitment and vision in Latino community leadership, public, and community service. UMass Boston recipients of the *Adelante Awards* included:

* The Talented and Gifted Program Hispanic Program (TAG) and Project ALERTA of the Institute for Learning and

Teaching, for their contribution to best educational practices and youth development;

* The Mauricio Gaston Institute for Latino Community Development and Public Policy, for its strategic assistance to latina/latino communities throughout the Commonwealth;

* The William Monroe Trotter Institute, for providing HOPE with data and information used in community planning and evaluation; and

* The College of Public and Community Service, for its longstanding college-agency agreement with HOPE, and for providing higher education opportunities for hispanic students.

HOPE, a non-profit multi-service agency located in Jamaica Plain, has been serving the Boston Hispanic Community since 1971.

Immunology

continued from page 1

can't find antibodies in any vertebrate lower than a shark. From an evolutionary point of view, we have to ask why," says Beck.

Understanding the evolutionary similarities and differences between vertebrates and invertebrates immune systems has the potential for important medical advances. Beck says that as researchers have asked themselves the question: "What keeps invertebrates healthy?" they have made some unusual and significant discoveries with potential for human medications. Two examples are antibacterial peptides, which were first discovered in insect blood samples, and an anti-bacterial protein coating that occurs on the skin of African clawed frogs, which accounts for their slimy feeling, but also allows them to heal effectively while living in bacteria-filled water. "Since we are all related animals, fighting the same bacterias, it is possible that new drugs based on these discoveries will replace our traditional medicines, like penicillin, which are losing their effectiveness," says Beck.

Beck received his Ph.D. from the State University of New York at Stony Brook, where his doctoral research was on cytokines and their function in the human immune system. He came to UMass Boston in 1994, and his expertise and interest in evolutionary immunology and invertebrates was a good fit with other faculty members in the biology department also working with invertebrate models. The AREA grant Beck received is given to researchers at universities that send a significant number of students onto Ph.D. programs or medical school, yet do not receive a commensurate amount of NIH funding. Beck expects to collect enough data to apply for traditional NIH funding when the AREA grant funding ends in three years.

Public Service Internships Available

The Michael S. Dukakis Internship in Public Service will award up to three undergraduate or graduate students the opportunity to work in a public service agency while earning academic credit and \$3,500. Applicants must draft a proposal with a faculty advisor, who would also provide internship guidance and determine the number of credits earned. Applications and information can be obtained at the scholarship desk in the Registrar's Office. The deadline is January 15, 1997.

The application deadline for all merit based scholarships has been extended to January 6, 1997.

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