W hen it comes to unforgettable gimmicks, the UMass Lowell English Department hit the “Jack”-pot. The Kerouac bobblehead doll has become an international knick-knack phenomenon. With its unique blend of kitsch meets cool, the plastic poet’s meteoric rise to celebrity has been described as “bobbling.”

“The doll’s popularity is astonishing,” explains English Professor and Director of the Kerouac Conference Hilary Holladay. “We never expected anything like this,” explains English Professor and Director of the Kerouac Conference Beat Literature Hilary Holladay. “The doll’s popularity is astonishing.” Holladay and Lowell Spinners Marketing Director John Goode cooked up the idea as a way to publicize the annual Lowell Celebrates Kerouac Festival. They declared August 21 Kerouac Night at the ballpark and announced that bobbleheads would go to the first 1,000 fans through the gate.

Almost immediately, the doll’s oversized, wobbling head was gracing the pages of the Boston Globe, the New York Times, then Sports Illustrated. Soon, television personalities from CNN to ESPN were blathering about the Beat era tchotchke.

“Hey, Kerouac was renowned for his trademark ‘spontaneous prose’,” says Holladay. “The dolls popularity is astonishing.”

“We were getting letters and calls from everywhere, people begging to get a doll, pleading their case,” says Holladay. “The Spinners’ office put up a world map where they’d stick a tack every time they got a call.”

Holladay and the Spinners were stunned. They ordered 250 more dolls and decided to sell them on the Spinners’ Website for $20 each, with a portion of the proceeds benefiting the University’s Kerouac scholarship program.

The dolls went up for sale on a Friday afternoon. By Saturday morning, they had 750 orders.

In the Land of Bobble, Kerouac Is King

Continued on Page 5

Wegman Named Dean of Expanded College of Health

D r. David H. Wegman has been appointed dean of the reconfigured College of Health Professions, which has the proposed name the School of Health and Environment. The name has been sent to the Faculty Senate for review.

The school has been reorganized to include the Department of Nursing, Physical Therapy and Clinical Laboratory Sciences, and has been charged to develop an undergraduate program in Environmental Health. “This grouping of departments builds on the strong record of the college by expanding and

Continued on Page 5

Grad School of Ed Moves to South — Next Stop, Lawrence Mills

Tw o pairs of scissors snapped the red, white and blue ribbon across the doors to the new Graduate School of Education officially marking the move to the fifth floor of O’Leary Library. Dean Donald Pierson; Prof. Judith Boccia, director of the Center for Field Services and Studies (CFSS); Patricia Noreau, director of the libraries; and Joseph Caufield, assistant to the provost, welcomed students and colleagues to explore the renovated space.

The new location includes the GSE faculty offices, CFSS, a faculty/student lounge, two multimedia classrooms, a computer room and a new information kiosk. And the school brought a piece of UML West to O’Leary — a garden that was in Upham Hall inspired by former Dean Virginia Biggy.

Continued on Page 4

Ting Assumes the Reins of College of Engineering

W hen Prof. John Ting was appointed dean of engineering, he was faced with some incredible challenges — mainly fiscal ones brought on by the state budget crisis — as well as issues in ensuring a supply of well-trained, socially responsible engineers to meet the needs and demands of the regional and global economy, he says. “But now there is a tremendous opportunity to shape what’s happening. You have to think carefully about what is really important and how to achieve your goals the right way,” he adds. Acknowledging that Vedula leaves “incredibly big shoes to fill,” Ting is looking forward to building upon established programs, with a continued focus on K-12 outreach, the develop
Open House and Book Sale Set for Sept. 19 at O’Leary Library

O’Leary Library will be conducting an Open House and book sale on Friday, Sept. 19, beginning at 9 a.m. The Open House will be held until 5 p.m., while the book sale ends at 4 p.m.

The Friends of the UMass Lowell Libraries, which is sponsoring the event, invites the University community to tour the renovated library’s “new look,” featuring “before and after” pictures. Visitors also may tour the new home of the Graduate School of Education and the Center for Field Services and Studies, and view the Lowell Historical Society’s exhibit “Classroom in the City.”

Light refreshments will be served.

IRB Must Review All Research Involving Human Subjects

Any research project involving human subjects, including recruitment activities for such studies, whether funded or not and whether on or off campus, that is conducted by faculty, staff, students or others, must be reviewed by the Institutional Review Board (IRB), according to IRB Chair Stephen Moses.

Copies of the current IRB Manual of Instructions and Procedures for Research Projects Involving Human Subjects are available at the IRB Web site: http://irb.uml.edu or by contacting the IRB office at ext. 4134. Specific questions regarding research projects involving human subjects should be directed to Moses at that extension.

Open House ’03 Scheduled Oct. 26

Save the date: Sunday, Oct. 26 at 9 a.m., the campus will hold Open House ’03 for prospective students. Widespread faculty and staff participation has made the past three years’ events outstanding. Plan to volunteer (watch for e-mails with specific opportunities) so you can be part of the success of Open House ’03. Deans and department chairs: NOW is the time to check your brochures and fliers. Any area needing materials updated or reprinted for Open House ’03 must contact Publications at ext. 3223 immediately.

Robot-Assisted Search and Rescue at the World Trade Center

Mark Micire was a graduate student in the Perceptual Robotics Lab at the University of South Florida when the World Trade Center towers were struck. He spent the next 11 days in New York with a team that used search-and-rescue robots to find trapped victims, helping the fire department and other emergency response teams. The shape-shifting robots could enter spaces too small or dangerous for people or dogs.

Micire will speak on Thursday, Sept. 25, in Olsen Hall 311, 3-4 p.m. He will describe the search and review the lessons learned in this first known robot-assisted search and rescue. Micire has since co-founded American Standard Robotics to manufacture robots specifically designed for the search and rescue community.

Year of the Home Fair Makes Connections

The problems are challenging. Seventeen million Americans have asthma, including nearly a quarter of all children in urban classrooms, and indoor air quality is a major contributor. Seventy percent of households use at least one pesticide indoors and track in more from the garden. And half of all the housing in Lowell was built before 1950, years before lead paint use was discontinued in 1978.

The Year of the Home Fair, though, was all about optimism.

The fair celebrated the partnership of UMass Lowell’s Center for Family, Work and Community (CFWC) with the Lowell Health Department in a major “healthy homes” project to increase awareness of and improve coordination around issues of environmental health in the home.

Community groups displayed posters, project partners added “bricks” to a house model and local heroes of environmental effort received awards, as the fair featured a variety of events and speakers. Two panel discussions helped to elucidate the issues and speakers included Eugene Benoit, Indoor Environments Program of the Environmental Protection Agency, and Frank Singleton, director, Lowell Health Department.

The fair was sponsored by the UMass Lowell’s Center for Family, Work and Community and the Lowell Health Department.

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Kerouac Conference Showcases Beat Poetry

The Jack Kerouac Conference on Beat Literature, formerly the Beat Attitudes Conference, will be held on campus Oct. 2 and 3.

This year the conference will focus on Beat poetry. According to the conference coordinator, Prof. Hilary Holladay, English, the Beat Movement was largely a poetry movement, and its legacy strongly impacts poets of today.

“Although most people think of Kerouac as a novelist,” says Holladay, “he wrote countless poems and considered himself a poet equal in talent to Allen Ginsberg.”

In addition to the numerous papers to be presented on this topic, there will also be a special presentation on Kerouac’s 120-foot scroll manuscript of On the Road. Jim Canary, curator at Indiana University’s Lilly Library, and Matt Theado, a Kerouac scholar at Gardner-Webb University, will present their findings about the history and composition of this fascinating document, which sold at auction a few years ago for $2.4 million. Their presentation will feature a display of a manual typewriter similar to the one Kerouac used.

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New President Will Emphasize Academic Excellence and Affordability

D r. Jack Wilson, the recently appointed interim president of the UMass system, says he will concentrate on “friend raising and fund raising as we strengthen our ties to the community, the legislature, the business community, the governor, the alumni and other stakeholders.”

“With enrollment growing on all five campuses, students and families across the Commonwealth are offering UMass the ultimate vote of confidence. We will work tirelessly to preserve that confidence by providing academic excellence and maintaining affordability.”

The University Board of Trustees named Wilson interim president last month following the resignation of William M. Bulger, who had led the five-campus system for more than seven years. Wilson, who had been vice president for Academic Affairs, was the founding chief executive officer of UMassOnline, the highly successful Web-based learning initiative.

A physicist of national distinction, he came to the University after 11 years at Rensselaer Polytechnic Institute, where he was the J. Erik Jonsson ’22 Distinguished Professor of Physics, Engineering Science, Information Technology and Management and where he was founding director of the Anderson Center for Innovation in Undergraduate Education and co-director of the Severino Center for Technological Entrepreneurship.

He also served as dean and interim provost at RPI.

Board Chair Grace K. Fey said UMass trustees were “convinced that Jack Wilson will be able to provide strong, effective leadership in the months ahead.”

“The University of Massachusetts is coping with significant challenges arising from the fiscal and economic crisis that has gripped the state for the past two years. We believe that Dr. Wilson has the vision and managerial skill needed to lead the University through what we hope is the final stage of this very difficult period.”

“Thanks to President Bulger, the University’s performance in a number of key revenue-producing areas—fund raising, research funding, licensing income—has soared, leaving us with a much stronger foundation,” she said.

Legislature Backs Toxics Use Reduction Institute

I t was a drama worthy of J.K. Rowling, but the Toxics Use Reduction Institute (TURI) had no magic wand to save the day—just cold, hard facts showing that Massa- chusetts is a cleaner state because of the Institute’s years of effort. So when the Institute’s budget was vetoed June 30, those facts were shared with area legislators who, in turn, convinced their colleagues to save it.

With the start of the fiscal year beginning July 1, the Institute’s budget was reduced to zero overnight. Yet that could not keep the staff from reporting to work, and Institute Director Ken Geiser and a few other staffers from reporting to the State House, as the new fiscal year ticked on with no TURI funding.

Geiser kept vigil on Beacon Hill, as the House spent a full week on votes overriding the Governor’s vetoed items. The TURI item came up—and passed overwhelmingly—as the second week of voting began. When it happened, Geiser said, “It is a vote of confidence in the 12 years of work with the businesses and citi- zens of Massachusetts to create a safer and cleaner environment.”

“The Institute allows people throughout the Commonwealth that basic, fundamental opportunity to breathe clean air and drink clean water,” said Rep. Thomas Golden of Lowell, who spearheaded the over- ride effort in the House. “The people at the Institute do wonderful work. They help businesses help themselves.”

His colleagues on both sides of the partisan divide agreed, with a vote of 129 to 18 to reinstate funds for TURI. More than 20 area legisla- tors signed onto a letter supporting the Institute. The Senate similarly voted to restore funding, with Sens. Steven C. Panagiotakos of Lowell and Pamela Resor of Acton leading the effort in that branch.

In a thank you letter to legisla- tors, Chancellor William T. Hogan wrote, “At UMass Lowell, the Insti- tute is at the core of our mission-related work: promoting development that is sustainable over the long term. The Institute has led the way, infusing its vision into academic disciplines and spawning research centers that are shaped by the values that underlie sustainable production.”

Discovery Series Kicks Off 17th Season with Reprise of ’02 Smash

T he Shangri-La Acrobats, the show for all ages that played last year to sold-out audiences, is back by popular demand and will kick off the fall season of the Discovery Series with a two-show billing at Durgin Hall Oct. 5.

A huge success last year in Lowell, Shangri-La features sensational acrobatics, martial arts displays, astonishing feats of balance, authentic music and much more. Under the direction of the legendary Hai family, it is a reflection of the years of training and discipline so much a part of this ancient art. Finally, like all the shows booked and performed as part of the Discovery Series, it is a performance equally suited for all members of the family.

“Parents are looking for activities they can enjoy with their kids that are affordable, fun and are alternatives to sitting in front of a computer or TV screen,” says Christine Brown, director for the Center for the Arts at UMass Lowell, in announcing the kick-off to the 17th season of the popular enter- tainment series. “We stress that there are real, live people on the stage, just wowing the audience with creativity, imagination and skill. It helps kids learn the difference between live performance and TV, movies and videotapes.”

The performances that follow Shangri-La call on a mix of arts and skills. On Nov. 2, the Series will offer “The Star Keeper,” described as “the Cirque de Soleil” of puppet shows from Montreal, an award-winning production featuring traditional string marionettes as well as shadow and bunraku-style puppets and suitable for audiences ages 4 to 10.

On Dec. 7 the Gizmo Guys from New York City will take to the stage with their world-class juggling routines and quick-witted repartee, a show that will play for all ages. Following that, on March 7, Thomas Kubinek: Certified Lunatic and Master of the Impossible will perform an act impossible to pigeonhole. The Louisville Courier Journal described it as “a humor based on artful dodges and poetic bamboozlements performed with feline virtuosity and devilish wit.” This show is best enjoyed by ages six and up.

On April 7 Scrap Arts Music from Vancou- ver brings cutting-edge percussion performed on futuristic sculpture-on-wheels to the stage, another show that should appeal to ages six and up.

The season will close May 4 with a produc- tion of Theatreworks USA’s Charlotte’s Web the age-old classic by E.B. White, suitable for audi- ences four and up, about a friendship between a spider and a pig.

All performances will be at both 2 and 4 p.m., with the exception of Charlotte’s Web, which will show only at 2 p.m. All will run roughly an hour, with no intermission.

Durgin Hall is at 35 Wilder St., UML South. For more information or to order tickets by phone, call the box office at (978)-934-4444 from 10 a.m. to 3 p.m., Monday through Friday.
UMass Lowell Folks Join in Lowell Festival

UMass Lowell once again was a major partner of the Lowell Folk Festival — the largest free event of its kind in the country which annually attracts 200,000 visitors to the city. The University donated volunteers, equipment and other resources to the July weekend of traditional music, craft demonstrations, street parades, dance parties and ethnic foods on six outdoor stages. As part of its commitment, UMass Lowell hosted a booth at Boarding House Park, at which brochures, flyers and other materials were distributed to passersby.

Grad School of Ed Moves to South — Next Stop, Lawrence Mills

GSE’s move to UML South is temporary while construction is completed at the Lawrence Mills site in 2005. More than 250,000 books were relocated in the library as part of the consolidation and other improvements making room for the Graduate School. The Demonstration School will remain on UML West in modular units until the GSE’s permanent move to the Lawrence Mills complex.

UMass Lowell Professors Urge Congress to Protect Environment

Two professors took their case for exercising caution when crafting environmental and public health policy to Washington, D.C. over the summer. Profs. David Kriebel and Joel Tickner joined other scientists in speaking at a congressional briefing on “Science and Precaution in Environmental and Public Health Policy” which focused on the need to enact measures to protect the public, particularly in the areas of genetically modified organisms, climate change and toxic substances.

The precautionary principle — a point of international law that states that uncertainty should not serve as a reason to postpone measures to protect health and the environment — often has been criticized in the professional arena. To dispel the misunderstanding about precaution as anti-science and anti-innovation, while stressing that we need more science to solve our most pressing environmental problems — but science underscored by a note of caution.”

While initial work has focused on developing tools and methods for integrating precaution in science and policy, Tickner said the next steps will have a broader impact in the educational arena.

“I believe that working to solve K-12 problems is more important than my research on a very specific aspect of a very specialized application,” he said.

Ting Assumes the Reins of College of Engineering

ment of new knowledge and improving the freshman experience. He also hopes to spearhead some new initiatives, such as a civil engineering proposal to work with developing countries to help them create a sustainable infrastructure. And, he will not leave the classroom entirely, as he is teaching a civil engineering statistics course this fall.

Ting has more than two decades of experience in teaching, research and software development in geotechnical engineering. And while he enjoyed doing research, Ting discovered that, by taking on management responsibilities as department chair, then dean, he can have a broader impact in the educational arena.

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Ting received a bachelor’s degree from McGill University, a master’s from the California Institute of Technology and a doctorate from the Massachusetts Institute of Technology — all in civil engineering. Prior to joining the UMass Lowell faculty in 1990, he was a post-doctoral research fellow and lecturer at Cal Tech and a professor at the University of Toronto.

He has been an active participant in the Raytheon/UMass K-16 Engineering Collaboration, coach of MathCounts middle school teams, a member of the Lowell Arena and Stadium Commission, and director of the Grotton Chess Club.

Ting has lived in Groton for the past 13 years with his wife, Christie, a UMass Amherst graduate in nursing, and his two children, Sean, a freshman at Stanford, and Caitlin, a sophomore at Groton-Dunstable Regional High School.

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**Wegman Named Dean of Expanded College of Health**

deepening attention to the workplace and the environment,” Wegman says.

The new dean’s vision for the college is to integrate the teaching, research and service programs, particularly in the region, to promote human health and development, to have healthy individuals and families living in safe and productive communities based on environmentally sustainable economies. He believes that “healthy citizens and the medical and public health services that support them can be the leading edge of an economic and social transformation towards an ecologically and socially sustainable society.”

To achieve this vision, Wegman sees the need for skilled professionals working with informed and empowered citizens to identify and carry out programs that prevent health and environmental hazards, treat illness and disability, build diverse and inclusive communities, develop safe and rewarding workplaces, and restore ecological integrity.

In short, Wegman asserts, “Our commitment is to educate students and to use the day-to-day work we do to affect the ways in which people live.”

The expanded goals of the college will be achieved through strategic faculty hires, increased cross-disciplinary research and development of an academic program in environmental health. He has appointed Dr. Pauline Ladebauche to the newly-created position of Director of Undergraduate Programs.

Although Wegman says there will be no changes for current students, he does envision enriched and increasingly cross-disciplinary courses.

“The goal is to build on the strengths of the programs we have,” he says. Wegman will also work with faculty to create a structure that fosters increased collaborative research.

“I want to get to know the faculty better,” he states, “and then help them set up working groups that build on natural linkages. The goal is to address people’s health using the broadest possible definition of ‘health’ — including biomedical, environmental, social and cultural aspects — and to make it sustainable.”

Wegman joined the UMass Lowell faculty in 1987 as professor and founding chair of the Department of Work Environment. He holds a bachelor of arts degree in history from Swarthmore College, an M.D. from Harvard Medical School and an M.S. in Occupational Health from the Harvard School of Public Health. Before joining the Lowell campus, he served as associate professor in occupational health at the Harvard School of Public Health and professor and director of the Division of Environmental and Occupational Health Science, University of California, Los Angeles School of Health. He continues to hold an adjunct appointment at Harvard as well as one at the Department of Family and Community Medicine, UMass Medical Center. He has served as a medical epidemiologist at the National Communicable Disease Center in the New York City Health Department, as director of Urban Planning Aid, Inc. in Cambridge, and as an occupational hygiene physician for the Massachusetts Division of Occupational Hygiene.

During a sabbatical leave and a Fulbright Fellowship he served as consultant to the Director of the National Institute for Occupational Safety and Health and of the Swedish National Institute for Working Life to develop a research agenda for the Impact of Work on Aging. Wegman is the 2003 Jameson Parkinson Memorial Lecturer at the British Society of Occupational Medicine.

In addition to publishing more than 200 articles on his research specialties of epidemiologic studies of occupational respiratory disease, musculoskeletal disorders and cancer, Wegman is co-editor with Dr. Barry Levy of one of the standard textbooks in the field of occupational health, Occupational Health: Recognition and Prevention of Work-Related Disease, the fourth edition of which was published in 2000. Wegman serves on the editorial boards of eight journals focusing on public, environmental and occupational health and is associate editor of the American Journal of Industrial Medicine.

Over the last 20 years, Wegman has served on seven committees of the Institute of Medicine and the National Research Council and on more than three dozen research and evaluation government commissions — the National Institute for Occupational Safety and Health, the National Cancer Institute, the National Institute of Environmental Health Sciences, the Environmental Protection Agency, the World Health Organization and the Commonwealth of Massachusetts, among others. His multiple chairmanships include his 1996 leadership of the Mine Safety and Health Administration Advisory Committee on the Elimination of Pneumoconiosis.

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Continued from Page 1

**In the Land of Bobble, Kerouac Is King**

Through it all, Holladay has been asked time and again if the Beat icon would approve of his likeness cast in bobble.

“Kerouac had a great sense of humor. And like most writers, he wanted acclaim,” she says. “I think he would’ve gotten a real kick out of it.”

And it would appear that the Kerouac doll agrees. He’s nodding his head in continuous approval.

—KL

**UMass Lowell Joins Internet Research Network**

The UMass system has joined 200 leading research universities, the federal government and industry on the powerful Internet2 network that enables researchers to share massive amounts of data with their peers around the world.

Using this network, scientists at UMass Lowell are collaborating with colleagues at Northeastern University and the University of New Hampshire on a $17 million National Science Foundation grant proposal to create a Nanoscale Science and Engineering Center. The grant would advance research in nanotechnology manufacturing and attract nanotechnology firms to the region.

The five campuses of the UMass system are connected to the global network through the UMass-managed Massachusetts Information Turnpike Initiative, a high-speed network that links public higher education institutions, libraries and other public agencies to the Internet.

—EJ

▲ John Wooding, interim provost, left, and John Sampas, literary executor for the Kerouac Estate, enjoy a friendly tug-of-war over the coveted Kerouac bobblehead.

▲ Dr. David H. Wegman is dean of the reconfigured College of Health and Environment.

September 17, 2003

w w w . u m l . e d u / s h u t t l e
**NEASC Review Set for This Fall**

For more than a year UMass Lowell has been preparing for this fall’s accreditation review by the New England Association of Schools and Colleges (NEASC). NEASC is the regional commission responsible for reviewing accredited New England schools and colleges at least every 10 years. Securing re-accreditation is vital to the campus, as it will affirm the institution’s integrity and well being for both the public and prospective funding agencies.

When the NEASC committee visits the Lowell campus in October, their review will concentrate on institutional integrity and effectiveness. Institutional integrity deliberately attempts to make the matter of ethics all-inclusive. Institutional effectiveness encompasses virtually all aspects of institutional activity, especially the education of students, according to Kenneth Lemanski, assistant to the provost.

Lemanski, along with Mary Beaudry, director of the Faculty Teaching Center, worked closely with NEASC Steering Committee Chair Janice Rice, provost and dean of health professions, to shepherd the project through its various stages.

NEASC requires schools and colleges seeking re-accreditation to prepare a comprehensive self-evaluation document reporting on 11 standards. The standards include mission and goals; evaluation; governance; programs and instruction; faculty; student services; library and information resources; physical and financial resources; public disclosure; and integrity.

Representatives of UMass Lowell faculty, staff and student body have developed the self-evaluation document or “self-study,” a draft of which is on the UMass Lowell Web site. Those who have not yet been actively involved in the process may take this opportunity to read the document. The campus community’s participation is important to the successful completion of the self-study. To comment on the draft, please write to Kenneth_Lemanski@uml.edu.

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**Project SPLASH Starts Summer Fishin’ Mission**

Drop your hook and line into one of the canals in Lowell. While waiting for a nibble, you might ask yourself, What kinds of fish are there in the canals? Are they safe to eat?

Project SPLASH aims to find answers to these questions, starting with its new summer program, Fishin’ Mission.

“There have been no formal assessments of these canals and whether there are any hazards of fishing and fish consumption,” says Cheryl West, SPLASH project manager. “Yet young people and members of ethnic groups may be fishing in the canals and eating their catch. We’d like to develop accurate information about the volume of angling and the contaminant load of commonly consumed fish.”

Fishin’ Mission recruited youth from the summer program at theYWCA, Spinelle City Youth Corps and the Rogers School, then taught them the basics of water quality testing, fish handling, fish identification and sample preservation. Dr. Joe Buttner, biology, Salem State University, is an expert on freshwater fish and taught the students angling techniques, assisted by Andy Chandonnet, youth director,YWCA.

Dr. Oscar Pancorbo, at the Wall Station state testing laboratory in Lawrence, is donating the analysis of tissue samples from the fish, a service that could cost as much as $150,000.

“State agencies are very interested in what we discover,” says West. “Even the experts don’t have answers about the detailed conditions of the canals, the sediments and the edibility of the fish.”

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**TURI Sponsors Sustainable Technologies Research**

Manufacturing things, whether widgets or circuits, often requires the use of hazardous materials: solvents, coatings, lead, mercury and the like. The mission of the Toxics Use Reduction Institute (TURI) is to help companies find innovative and benign alternatives to replace toxic substances in production processes.

Teams of researchers—faculty, graduate students and company sponsors—have engaged in research on sustainable technologies, supported by funding from TURI. The teams presented their findings in a late spring symposium.

Among the presentations, Paul Wormser, chief product marketing officer at Konarka Technologies, joined Prof. John Duffy, energy engineer, to discuss polymer photovoltaic module production for exterior use. Assoc. Profs. Joey Mead, plastics engineering, and Changmo Sung, chemical and nuclear engineering, discussed alternatives to lead stabilizers in coated wires and cables. Prof. Stephen McCarthy, plastics engineering, is investigating more environmentally benign polymeric coatings for wire and cable. Prof. Daniel Sandman, chemistry, discussed a “green chemistry,” solvent-free approach to synthesis of commercial dyes and pigments.

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**ALANA Hosts Hispanic Heritage Month**

Got a craving for some fiery salsa? Dying to dance the ‘forbidden’ Lambada?

Then throw on your Guayabera shirt and join the cultural celebration during the University’s Hispanic Heritage Month.

From September 18 through October 15, students of African, Latin, Asian and Native American descent (ALANA) will be sponsoring an array of Latino-themed festivities, titled “Rompiendo Barreras,” or “Breaking Barriers.”

Here’s a list of events:

- **Thursday, Sept. 18, Salsa Sauce Contest**
- **Tuesday, Sept. 23 & Thursday, Sept. 25, Art Workshop: Celebrate a Spectrum of Culture**
- **Wednesday, Sept. 24, “Tres Vidas,” music based on the lives of three legendary Latin American women.**
- **Tuesday, Sept. 30; Wednesday, Oct. 1; Thursday Oct. 2, Hispanic Cuisine**
- **Wednesday, Oct. 1, Breaking the Barriers Panel Discussion**
- **Tuesday, Oct. 7, Film**
- **Thursday, Oct. 16, LASA’s Dance**

For more information, contact the office of ALANA at (978) 934-4336.
Recording Studio Provides Sound Foundation

Recently, singer Charlotte Church was on campus performing an angelic passage from Andrew Lloyd Webber’s “Requiem.” That was followed by James Taylor singing a hit from his “Hour Glass” album.

Of course, they weren’t really live performances, they just sounded that way. That was because the pieces were being played in the Sound Recording Technology Studio’s newest classroom, the Critical Listening and Recording Studio, tucked in the back of Durgin Hall.

According to Bill Carman, associate director of sound recording technology facilities at UMass Lowell, the just-completed sound laboratory is unique among educational facilities. Carman says the room was designed to allow students to examine the idiosyncrasies inherent in sound, especially music, without the distortion usually associated with amplification equipment or the physical characteristics of a space itself. In this room, those effects have been negated.

In general, sound waves travel around a space like billiard balls—bouncing sharply off harder surfaces, getting absorbed in softer ones. The result of these misdirections of sound waves is a distortion of the intended effect of the sound engineer or musician.

“The acoustics of this room,” says Carman, “are not going to color the acoustical character of what you’re recording. The transparency and resolution of the system, and how those couple, make for an unparalleled listening experience.”

The room design provides this transparency through a combination of the highest quality surround-sound monitoring system and an extraordinary level of detail in the planning of the room’s physical structure. Sound controls are built right in to lumber of the floor and walls. Sound absorbent and reflective panels alternate along the walls in the zigzag pattern to provide just the appropriate amount of reinforcement. And these panels can be changed depending on what’s desired for sound recordings.

The flexibility of the structure is built in to allow for two distinct uses: recording and critical listening. According to Prof. William Moylan, chair of music and sound recording coordinator, SRT students will be able to record sound in a way that allows them to capture the exact attributes of a particular instrument or voice. And, as a critical listening lab, he says the room will allow about 30 students at a time to be able to recognize, understand, and use creatively the unique qualities of sound.

The room’s sound reproduction is “perfect in its accuracy,” says Moylan. “All students will hear pretty much the same thing and it will be exactly what’s intended.”

Carman adds, “Students will hear the subtle differences in sound technologies—digital vs. analog, surround sound vs. stereo.”

Carman, who was the first graduate of the SRT program when it originated in 1984, joined the SRT staff in 1987. He compares the studio to the highest end mastering studios.

“This room isn’t just providing cutting edge technology, it’s defining what cutting edge is,” says Carman.

In addition to supporting projects of undergraduate SRT students, the half-million dollar studio will be an important asset to graduate students in the proposed SRT master’s program that Moylan hopes will begin in the fall of 2004. He anticipates developing industry partnerships that will bring select companies to campus to perform cooperative research.

Carman says numerous audio professionals have already expressed an interest in touring the facility. An open house is being planned for later in the fall.

Pierson Opens New Season of Parker Lectures

Assistant Professor Michael Pierson of the History Department opened the fall season of the annual Moses Greeley Parker Lectures in Lowell on Sept. 14 with a talk on one of Lowell’s most colorful historical figures, Benjamin Butler. A major personage of the nineteenth century, Butler was a Civil War general and later the governor of Massachusetts, to name a few of his accomplishments.

He gained international attention for his handling of occupied New Orleans, where he was the U.S. commander.

Pierson is the 2003 Scholar in the City at the Patrick J. Mogan Cultural Center, operated by Lowell National Historical Park in partnership with UMass Lowell. This talk is the culmination of a year of Butler research by Pierson.

The Parker Lectures, established in 1917, are presented in cooperation with UMass Lowell, the City of Lowell, Lowell National Historical Park, Lowell High School and Pollard Memorial Library.

Upcoming programs include “Submarine: Behind Bars: The Power of Drama,” a talk by author Jean Troustine, who will describe her work with women prisoners, on Saturday, Sept. 20, at 2 p.m., at Pollard Memorial Library, 401 Merrimack St. Also upcoming is “Gift of the Game,” a documentary film in which author Randy White searches for the 1940s Cuban youth baseball team founded and coached by Ernest Hemingway.

New Windows Installed in Falmouth and Pasteur

More than 100 new, insulated windows were installed in the Falmouth and Pasteur buildings on UML North during the summer.

One of the objectives of the project was to reduce energy costs. The new thermal-pane windows will be more efficient in retaining heat in the winter months and cooling during hot weather.

“The work was completed very expeditiously,” says project manager Marie Gaine. Replacement began June 16 and was completed on Aug. 28.

“We’ve received a lot of compliments from faculty and staff about the new windows,” Gaine says. Occupants of the buildings are especially pleased that the windows greatly reduce traffic noise from the VFW Highway. They also are coated to prevent glare.

This was the first phase of a more extensive project in which all windows in the quad—Falmouth, Pasteur, Kitson and Southwick—will be replaced eventually, according to Gaine.
Home Movies Hold Reel History

There aren’t too many of us who would accept a neighbor’s invitation to come over for an evening of watching old home movies. The phrases “Here’s Wendell’s first steps” or “Let’s put in Kimmy’s first day of school” don’t necessarily stir viewing excitement in anyone beyond the immediate family. Yet, these “personal documents” can offer a wealth of information for anyone interested in understanding various aspects of twentieth-century life. In order to preserve this potential data, Prof. Chad Montrie, history, is collecting home movies and videos in an effort to create an archive for researchers interested in interpreting that past.

Montrie came up with the idea while watching his family’s own home movies, thinking about how amazing it was to see aspects of the history.

“It occurred to me that these sources were fairly numerous and there was no good explanation for why twentieth-century historians haven’t been using them,” Montrie says. “Ideally, I will begin teaching a course on U.S. social history with home movies starting in the fall of 2004.

That meant he needed a collection and a place to store it. To that end, the University’s Media Services agreed to store donated videotapes collected from people on campus and in the community.

Mitch Shuldman, director of Media Services, says this is the first time his department has been involved in a project of this type.

Shuldman says, “I just thought it was a great idea, although we’re really only prepared to accept videotapes in a VHS format at the present time.”

Media Services doesn’t have the proper equipment to show older, reel-to-reel movies unless contributors have already had them converted to tape. Media Services can make copies if donors don’t want to lose the originals.

There are many subjects and themes that home movies allow historians to explore, Montrie says, from holiday rituals to social activism to recreational events. These mini-documentaries may provide insight into how American life is shaped by class, race, ethnicity, gender and modernity in general.

The collection will, at least initially, focus on the United States, but this does not exclude home movies of trips to other countries or domestically made films with primary attention on subjects who are not Americans.

According to Shuldman, the big challenge will be to get the tapes coded. If that work is completed, it’s possible that a computer database would be available for scholarly research.

“Home movies allow historians to engage the past in qualitatively different ways,” says Montrie. “Both visual and audio evidence can offer clues and insights that get lost in written evidence.”

If you would like to contribute some old home movies to this collection, or if you would like more information about the project, contact Chad_Montrie@uml.edu or ext. 4275.

Conference Explores Education’s Role in Sustainability

Education for Sustainable Development will be the topic of the annual conference sponsored by the Committee on Industrial Theory and Assessment (CITA), Oct. 23-24.

“The conference brings together scholars and community activists concerned with the role that higher education can play in promoting sustainable and equitable development,” says conference co-chair, Prof. Bob Forrant of the Dept. of Regional Economic and Social Development.

Among the papers to be presented is a study by Dra. Blanca Estela Lemus Ruiz of the School of Biology at the University of Michoacán in Mexico called, “Occupational and Environmental Health of Copper Artisans in Santa Clara del Cobre, Michoacan, Mexico: A Sustainable Approach.” The study reviews the changing health and environmental risks posed to workers in the production of copper artifacts, a 500-year-old industry.

Priscilla Geigis, director of Community Preservation for the state, and Prof. Linda Silka, co-director of UMass Lowell’s Center for Community Preservation for the state and beyond, will also be major topics at the conference.

The unique role of universities will also be a major topic at the conference.

“Successful models from several universities in and outside Massachusetts engaging students and faculty in regional development efforts will be showcased. And, there will be ample time for discussion throughout the two-day event,” says Forrant.

For complete conference information or to register on-line, visit http://www.uml.edu/com/CITA/, or contact Prof. Forrant at rforrant@external.umass.edu.

Vedula Leaves for Post at National Science Foundation

Kristina Vedula, who served as UMass Lowell’s dean of engineering since 1995, has stepped down to become a program director at the National Science Foundation. He will hold a joint appointment between the Directorate of Education and Directorate of Engineering at NSF and will continue to hold a faculty position at UMass Lowell.

Mr. Ting, who has served as chair of the Civil and Environmental Engineering Department, will be the new dean.

Vedula, well known in the business and technology communities for his commitment to education, will work on undergraduate education in math, science and engineering. He will also oversee existing programs, such as the Laboratory Improvements program, and aims to develop new programs as appropriate.

“I hope to build a strong program in developing the pipeline of math and science teachers,” says Vedula. “I’d like to set up centers for learning excellence across the country.”

Vedula’s tenure with the College of Engineering included many innovations, such as the Engineering in Mass Collaborative, the summer Design Camp, after-school Design Lab, and the Introduction to Engineering course for schoolteachers.

At the annual Engineering Alumni Awards dinner, Vedula and his wife Aruna were surprised and honored with the establishment of an endowed scholarship fund. Additional contributions on the spot raised the fund’s value above $30,000.

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▲ Doug Prime, left, director of K-12 educational outreach for the college, presents Vedula with his own secret candy safe, sealed with an electromagnetic lock. The candy safe is a hallmark project for students in Design Camp, developed and directed by Prime.

▲ Krishna Vedula, left, stepping down as dean to take a position at NSF, will have a UMass Lowell “chair from the chairs,” presented here by Alfred Donatelli, chair of chemical and nuclear engineering, and John Ting, chair of civil and environmental engineering. Ting has been appointed the new dean of engineering.

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Oils by Alumna are Featured at University Gallery Exhibit

An exhibit of the works of 1999 UMass Lowell alumna Ellen D. Mullane, which represents the culmination of her recent Master’s thesis work through Boston University’s Fine Arts painting program, will show at the University Gallery now through Sept. 26.

Mullane’s appreciation for the eastern oil-painting aesthetic is apparent in the patterns and rich colors used; at the same time, the artist manages to incorporate her own distinct western ideas in the composition of her abstract human forms and their adornment by “elements found in women’s craft(s), childhood gadgets and... fashion magazines.”

Upcoming exhibits at the University Gallery scheduled for later this year include photography by Beat writer Allen Ginsberg, Oct. 1-Nov. 7; a multi-media exhibit, “The Alphabet as Art,” Nov. 12-Dec. 10; an exhibit of works by UMass Lowell BFA candidates, Dec. 13-Jan. 10; the paintings and other works of Timothy Harney, Jan. 28-Feb. 25; sculpture exhibits by Doug Bosch, March 3-April 7, and by Rob Millard, April 14-May 12; and finally, a year-closing second exhibit of BFA candidates’ work, May 15-June 12.

The University Gallery is on the first floor of the McGuinnigan Student Center. UML South. Hours are Wednesday through Friday noon to 3 p.m. and Saturday 1 to 4 p.m.

Freshmen Spend Summer in the Labs—And Love It

They set up lab experiments, worked with quantum dots and fuel cells, and created a Web site.

Some lived on campus.

And all had a wonderful time. The students in Summer Opportunities in Science, SOS, are a select group of incoming freshmen majoring in chemistry, physics or mathematics. UMass Lowell offered them summer work in their major, under the direction of faculty, in place of the low-level jobs usually available to high school students.

SOS students at the closing luncheon said they felt more prepared for the start of classes. They enjoyed the graduate students and faculty they worked with, as well as getting to know each other. Some of the students pursued specialized interests: the bioinformatics option in math, for example, and the optics option in physics. Faculty said the benefits went both ways.

“This is one of the best things we’ve ever done,” said physics Prof. Arthur Mittler. “The students learned more about physics and we accomplished a lot with their help.”

Young Students Take on Challenge of Assistive Technology

You are absolute pioneers,” said Doug Prime, director of K-12 educational outreach for the College of Engineering. "This is top-notch work."

Prime was speaking to teams of high school students from Tyngsboro and Westford who had tackled the sort of project normally completed by UMass Lowell seniors in electrical and computer engineering. The students had to find a client with a handicap, identify a problem in daily living and resolve it, using whatever knowledge and skills they could apply.

At the first-ever High School Assistive Technology Design Fair, the four teams made formal presentations and demonstrated working prototypes.

The three Tyngsboro teams, advised by mathematic teacher Don Rhine, modified a speaking clock for a blind client, so it could be operated remotely; created a flexible-arm telephone holder for the wheelchair of a client who suffered a stroke and could use only her left hand; and designed a fail-safe brake system for an elderly frail client’s wheeled walker.

The Westford team, advised by engineering and technology teacher Dave Amos, designed a motorized desk (on a platform) that a temporarily disabled student could use in lieu of a wheelchair.

As part of the fair, Tomoko Koyama, a graduate student in electrical and computer engineering, demonstrated the “mind mouse” project, an adaptation by which a client can operate a computer mouse by moving facial muscles.

Donn Clark, director of the UMass Lowell Assistive Technology Program, presented each of the participants with a certificate and medal.

Student Artwork to Get Three-Week Viewing at Dugan Gallery

A three-week showing of student paintings, all created under the direction of 2002-03 painting instructor Tudor Mitroi, has kicked off the fall season at the Dugan Gallery.

Following that, from Oct. 8 to 29, the Dugan will feature an alumni photography exhibition, showcasing the works of Melissa Boyajian, Mark Eshbaugh, Anne Hopkins and Darren Perrochi.

On Nov. 12, “November Light,” a mixed-media exhibit of sculptural boxes by Gail Milligan ’04, will kick off with a 5 p.m. reception. The exhibit will continue through Dec. 3.

Scheduled spring ’04 exhibits include “Art and Copy,” curated by graphic design Prof. Karen Roehr and Arno Minkkinen, director of the UMass Lowell Photography Department; an exhibit of 3-D sculpture, handmade paper and ceramics; and the annual BIG student show, a juried exhibit of Art Department student work.

The Dugan Gallery is in Dugan Hall, 883 Broadway, UML South.

Seminar Examines Refugees and Immigrants in Massachusetts

Vivie Hengst, Esq., center, general counsel, Massachusetts Office for Refugees and Immigrants, was the keynote speaker at last spring’s seminar on Recent tríment of Southeast Asian Refugees and Immigrants in Massachusetts. She is joined by Hai Pho, left, professor emeritus of political science and Lan Pho, director emeritus of the Center for Diversity and Pluralism who were among dozens of scholars and professionals in attendance. The Council on Diversity and Pluralism, the Indochinese Refugee Foundation and the Association of American Colleges and Universities sponsored the event.

Doug Prime, director of K-12 educational outreach for the College of Engineering, listens intently to Tyngsboro students Rob Delehanty and Mike Raymond as they describe how they set up lab experiments, worked with quantum dots and fuel cells, and created a Web site.
Design Camp Generates Buzz

Walk down the halls in July, and a contented buzz fills the air. Labs and classrooms are filled with kids—soldering, snipping, drilling, drawing, testing and talking. Ah, you say, Design Camp is back!

Design Camp, directed by Doug Prime, director of K-12 educational outreach for the College of Engineering, reached more than 400 students this year—and every one of them seemed happy to be engaged in hands-on science and technology projects.

Twelve different workshops were offered, three of them new: Animatronics, Sea Mobiles and Architect’s Studio. Many UMass Lowell faculty and staff sent their own children to the camp and stopped in at the big design show in Cumnock Hall.

Tom Gill, Long-time Lowell Artist, Now Exhibiting at Brush Gallery

The exhibit, which opened at the Brush Sept. 14, will run through Nov. 2, and has been funded in part by the Lowell Cultural Council, a city agency, and the Massachusetts Cultural Council.

The Brush Gallery and Studio is a non-profit service, education and membership organization that provides studio and exhibition facilities for artists and programs. It is located at 256 Market St. in the National Historical Park in Lowell.

Hours are Tuesday to Saturday, 11 a.m. to 4 p.m., Sunday noon to 4. For more information, phone (978) 459-7819.

Lowell High Students Sacrifice Summer for Science

Bao Nguyen was looking for an alternative way to create polymers using green chemistry. His friend Bio Tran was trying to isolate the decomposition product of P-Cyanobenzoic Acid.

Both students were on break from Lowell High School and could have been out soaking up the summer with their classmates. But both decided they’d rather learn about organic chemistry in the Research in Engineering Apprenticeship Program (REAP) at UMass Lowell.

Funded by the U.S. Army and the Academy of Applied Sciences in Concord, N.H., REAP encourages high school students to pursue careers in science. It offers hands-on research experience in lab environments under the guidance of real scientists.

“These kids are genuinely excited about science,” explains Prof. Dan Sandman, Chemistry Department, one of the program’s mentors. “So much so that Bao has put in double his required hours, and Bao has asked to come back in the fall, during off-school hours.”
More than 200 Hit the Fairways to Support UMass Lowell Athletics

Some hacked, some struck, some even nailed a hole-in-one, but the 200 players in the 2003 UMass Lowell Golf Tournament all had something in common: They gave it their best shot to help raise thousands of dollars for student-athlete scholarships.

The 13th annual event attracted faculty, staff, alumni, corporate partners and other friends to the sprawling Sky Meadow Country Club in Nashua, NH, formerly rated by Golf Digest Magazine as the premier course in the Granite State. The brisk May temperatures and threatening clouds did not deter the participants from hitting the links in earnest in separate morning and afternoon rounds. The scramble format enabled golfers of all ability levels, from the novice fairway duffer to the polished long-ball striker, to compete as a team in four flights determined by average handicaps and participate in various individual challenges such as longest-drive and closest-to-the-pin contests.

“The day was a success from start to finish, despite the unseasonable weather,” said tournament Director Mary-Jane Mastrovich, assistant athletics director. “It was especially rewarding that so many returning players, as well as newcomers, turned out to support UMass Lowell and its athletic program. I look forward to seeing them all again next year.”

The happiest golfer of the day was no doubt Been Wang of Belmont, a friend of retired management Prof. Linda Kistler, who demonstrated uncanny accuracy by placing the ball in the hole with one perfect stroke, entitling him to a brand-new Mountaineer SUV sponsored by Cervais Lincoln Mercury. His feat repeats a performance not seen in the tournament since 1992 when Environmental Health and Safety Assistant Director Rich Lemoine won a trip to Florida with a hole-in-one triumph at the Shaker Hills Golf Course. Groups which earned the distinction of achieving the best scores and winning the Championship Flights were: morning, Tony Ziagos, ’72; Scott Taylor; Charlie Meeker; and Oscar Patino; and, afternoon, Gary Mucica, ’71; Jim Nolan, ’71; Bob Eddy; and Wayne Perkins.

The coveted Tom Mahoney Academic Cup, named after the late ARAMARK food service employee and avid River Hawks supporter, for the group boasting at least one UMass Lowell employee was won handsily by the University Advancement team of Associate Director Brian Andriolo, ’95; Joe Andriolo; Kevin Andriolo, ’99; and Tom Sullivan, ’02.

Other University staffers who distinguished themselves were Women’s Basketball Coach Kathy O’Neil and retired management Prof. Kistler, who shared the women’s longest drive honors; University Advancement Executive Director Matt Eynon and Assistant Men’s Basketball Coach Jefi Rafferty, whose team won the afternoon President’s Flight; and computer science Prof. Tom Costello, who helped his team top the morning Chancellor’s Flight. The Communications and Marketing team of Patti McCafferty, Jack McDonough, Gerry Nelson, and Safety Assistant Environmental Health and Safety Assistant Director Rich Lemoine, left, enjoyed his round with retired staffer Joe Antonuccio, even though he did not duplicate his 1992 tournament hole-in-one feat.

It was rumored that Jacqueline Moloney, right, carried the rest of her UML team of, from left, Jeff Thompson, Rich Conley and Casey Cowburn.

Minkkinen Photo Graces Cover of Newly Released Novel

A photograph by Prof. Arno Minkkinen of the Art Department graces the jacket of a novel that has been described by one reviewer as possibly the most important book of the century. The photo, titled “Fosters Pond Millenium 1.2.2000,” appears on the cover of the novel Platform, by Michel Houellebecq. Described as a controversial work, the book, translated from the French, is the most significant book of the century thus far—perhaps of the century thus far—is Michel Houellebecq’s dazzling and prescient novel of post-modern alienation.

Of the book, which culminates in the massacre of Western tourists at an Asian holiday resort, New Statesman writer Andrew Hussey said the author “is one of the few novelists working in any language who properly understands the tensions of the present age.” Discussing his own reaction to the novel, Minkkinen said, “It left me depressed, flat out, for two days straight. How can it be that beauty eventually surfaces from so much pain and suffering, and all the more brilliantly so because of the devastation and shameless depravity of human cruelty?”

The cover photograph was one of a number that Minkkinen made at Fosters Pond in Andover in 2000. At that time, a film crew from WGBH-TV, Channel 2 in Boston, taped him at work for one segment of a show the station was doing about a DeCordova Museum photography exhibit.

A collection of Minkkinen’s work, including the Millenium piece, is on exhibit through Oct. 4 at the Tibor de Nagy Gallery in New York. His work has been shown in New York photo galleries in the past, but the Tibor de Nagy show is the first time his photographs have ever been exhibited in a painting gallery.

www.uml.edu/shuttle

September 17, 2003
Gibson, Slatin Honored for Exemplary Public Service to the Commonwealth

Public service infuses and exemplifies the work of two UMass Lowell faculty, Joyce Taylor Gibson and Craig Slatin, who were recognized recently with the University of Massachusetts President’s Public Service Award.

Gibson is associate professor of education in the Department of Curriculum and Instruction/Leadership in Schooling, and co-director of the Center for Family, Work and Community. The award cited her leadership in a variety of Lowell’s outreach efforts to underserved minorities, including the Family School Partnership project, the CIRCLE program and GEAR UP.

Gibson is editor of the book Educating the Thornyway Children: What We Can Do to Help Students at Risk, and author of Developing Strategies and Practices for Culturally Diverse Classrooms. She is a frequent invited presenter at academic conferences, as well as to community groups, and is a research collaborator with UMass Lowell’s Center for Women and Work.

Prior to joining the faculty at UMass Lowell, Gibson had directed the Office of Minority Education at MIT, directed the Drop-Out Project at the Center for Field Services and Studies at UMass Lowell, and was the Dean of Student Services at Clark University.

Slatin is assistant professor of health education and policy in the Department of Health and Clinical Sciences, and co-director of the Center for Public Health Research and Health Promotion. The award cited his leadership in health and safety in New England, including the Hazardous Waste Worker Training Program of The New England Consortium, the Environmental JOBS program and safety training at Malden Mills.

Under Slatin’s guidance, the Hazardous Waste Worker program has obtained more than $10.3 million in funding from the National Institute of Environmental Health Sciences and has trained more than 11,000 workers in hazardous waste containment and emergency response to hazardous material incidents. Slatin is now co-leader of a five-year research project on Health Disparities Among Healthcare Workers, funded with a $2 million grant from the National Institute of Occupational Health and Safety.

Before working at the then University of Lowell, Slatin worked with the Boston Health Department and the state Department of Labor and Industry.

First Tripathy Fellows Chosen

Two graduate students have won the first Tripathy Endowed Memorial Summer Graduate Fellowships to complete their final year of research towards a Ph.D. The fellowship, awarded for outstanding research in the areas of materials science and polymer science, provides a summer stipend and additional travel funds to participate in national meetings during the following year.

Xian Yan Wang is pursuing research on electrospinning. She was also named the outstanding graduate student for the College of Arts and Sciences and for UMass Lowell.

Hee Joon Ahn works on LED research and says, “This fellowship is a great honor.”

The fellowship is awarded in memory of the late Sukant Tripathy, University Professor and a former provost. He was an internationally recognized leader in the materials sciences, a dynamic research collaborator, and founder and director of the Center for Advanced Materials.

People

Promotions

Ann Marie Ciaraldi, director of Residence Life in Student Life, from senior associate director.

Christopher E. Foye, associate athletic trainer, from assistant athletic trainer.

Mary Recko, staff assistant I in Physical Plant, from administrative assistant.

Janice Skryness, staff assistant I in Student Life, from administrative assistant.

Linda Southworth, director of Graduate Admissions and Commons Admissions Liaison in the Graduate School, from director of Graduate Admissions.

Karen L. Volis, staff assistant I in Computer Science, from secretary.

Greg E. Wilder, director of Residential Operations and Building Services in Student Life, from associate director.

Appointments

Kwangseog Ahn, post doctoral in the Research Foundation, from 03 student employee.

Kristen Bilapka, administrative assistant in the Research Foundation, from 03 status.

Derek Costa, assistant director of Residence Life, from residence hall director.

Charles A. Currie III, staff assistant I in Plastics Engineering Nanomanufacturing, from equipment engineer with Microsemi Microwave Products.

Theresa Fingerhut, trainer in Information Technology, from adjunct faculty at Middlesex Community College.

Elizabeth E. Goodrow, clinical nutrition coordinator in Health and Clinical Services in the Research Foundation, from clinical nutrition coordinator at Tufts University.

Katherine M. Hastings, director of the Lowell Fund in University Advancement, from director of development for the West End House Boys and Girls Club in Boston.

Gerald Ledoux, maintainer I in Residence Operations.

Kathryn Lee, assistant director of the Lowell Fund in University Advancement, from UML class of 2003.

Michael Puglisi, resident liaison in Residence Life, from residence director at St. John’s Fischer College.

Koy Sam, parent liaison in the Research Foundation, from social services representative in the Department of Human Services in Washington D.C.

Beatriz Sierra, parent liaison in the GearUp Project in the Research Foundation, from GearUp in the Lowell area.

Dan Toomey, project manager in the Research Foundation, from 03 to 01.
Prof. Arthur Mittler and David Puller of the Physics Department have been inducted into the Massachusetts Hall of Fame for Science Educators in recognition of their long and distinguished service in science education.

The two professors direct the Lowell Regional Physics Alliance, a forum for high school and college physics teachers.

The Hall of Fame, founded in 1992, has 74 members.

Joel Tickner, project director of the Lowell Center for Sustainable Production, has edited a book, titled Precaution, Environmental Science, and Preventive Public Policy, a collection of 25 papers resulting from the 2001 International Summit on Science and the Precautionary Principle.

The precautionary principle is a scientific theory that promotes prevention in cases of identifiable risk, even without hard-and-fast proof.

This summer, Tickner briefed the U.S. House of Representatives on the issue, focusing on the need to enact measures to protect the public in cases of identifiable risk, even without hard-and-fast proof.

Carlos Eduardo Siqueira, a senior research and assistant professor in Work Environment, has published a book, titled Dependent Convergence: The Struggle to Control Petrochemical Hazards in Brazil and the United States.

The research reported in the book studies the process of the importation of petrochemical hazards and its controls by CETREL, the waste management company for the Camaçari Petrochemical Complex (in Bahia, Brazil) from the perspective of the importers.

Siqueira also is involved in a project, Promoting Health and Safe Employment in Healthcare, that addresses health disparities among employees in health care facilities in the Merrimack Valley.

Seven high school teachers and three college faculty members, including Prof. Ken Levasseur and Assoc. Prof. Marvin Stick of the Mathematical Sciences Department, took part this summer in Northern Essex Community College’s Math Applications Shaping Tomorrow (MAST) program.

The 10 educators worked with business and industry partners to help connect classrooms with math skills used in the workplace. They visited the work sites for three days, observing the way businesses used math, and attended workshops at Northern Essex concerning the latest technological teaching tools.

Levasseur visited Formatech, while Stick observed operations at Wal-Mart.

Michael Gigliotti, director of the Valyi Institute for Plastic Forming, was inducted into the Plastics Industry’s Hall of Fame recently at the International Plastics Exposition in Chicago.

Gigliotti worked closely with UMass Lowell in establishing the Institute and also in the transfer of Emery Valyi’s patents to the University.

In recognition of his outreach initiatives and research on the subject of Alzheimer’s disease, Prof. Tom Shea of the Biological Sciences Department has been elected to the board of directors of the Family Community, a regional support organization for victims and families affected by Alzheimer’s disease.

In connection with this work, Shea, in collaboration with Prof. Eugene Rogers of the Health and Clinical Sciences Department, conducted a workshop in Marlboro recently at the annual conference for professionals and health care workers hosted by the Massachusetts Alzheimer’s Association.

The Cotton Dust Papers, written by Prof. Charles Levenstein, Gregory DeLaurier and Mary Lee Dunn of the Work Environment Department, has been included in a list of labor’s influential books from 1870 to the present.

The list of 63 books was compiled by Assoc. Prof. Robert Weir of Bay Path College on the basis of responses from labor historians to a query that appeared in a trade publication.

Economic strategies proposed by retired Prof. Michael Best have been embraced by two different sources in the United Kingdom.

Gordon Brown, Chancellor of the Exchequer for Great Britain, has written to Best, asking him to confer with two researchers concerning economic issues in the UK.

A second letter, from the Northern Ireland Economic Council, forwarded a copy of the Occasional Paper that was commissioned to review one of Best’s monographs.

That paper said, “The Council believes that Best’s work provides an innovative framework around which an economic strategy can be built.”

Professor Jim Coates of the Art Department was featured this summer in an art exhibition, “Elements of Nature: Selected Works by New England Sculptors,” at the Concord Art Association in Concord.

Christine Brown, director of the UMass Lowell Center for the Arts, has been selected as one of 20 “international buyers” to attend Contact East 2003, Atlantic Canada’s Performing Arts Trade show in St. John’s, Newfoundland and Labrador, in September. Contact East features 42 performing arts showcases, educational panels and networking sessions. The showcase is described as “One phenomenal weekend of superb theatre, music and dance in the oldest, and friendliest, city in North America.”

The Journal of Occupational Health has accepted an article by a research group from the Center for Women and Work. Prof. Meg Bond, psychology, Laura Punnett, work environment, and Jean Pyle, emeritus of regional economic and social development, collaborated with graduate student Dianne Cazea, work environment, and Manuela Cooperman, a former student, to author “Gendered Work Conditions, Health and Work Outcomes.”

The team’s study examined the perceived impact of so-called gendered work conditions and employees’ perceptions of factors such as job satisfaction and physical health. Subjects included a cross section of non-faculty employees from a range of universities. The study was supported by funds from the Committee of Federated Centers and Institutes at UMass Lowell.

At the end of one of the most successful years in UMass Lowell athletics history, Director of Athletics Dana Skinner was named the 2003 Northeast Region Athletic Director of the Year by the National Association of Collegiate Directors of Athletics (NACDA). "This award is a recognition of the collective efforts of some very talented coaches, staff members and student-athletes," said Skinner. "I’m honored to accept this award on their behalf.” Regional recipients were recognized at NACDA’s Annual Convention in Orlando, Fla., in June.

At the end of the academic year, the campus was ranked 17th nationally — and No. 1 in the Northeast Division — among the 180 NCAA Division II colleges in the NCAA Directors Cup standings. During the 2002-2003 academic year, eight of Lowell’s teams advanced to NCAA tournaments.

The Athletic Director of the Year award is presented in recognition of administrative excellence on their campus and in their community. Recipients are chosen by selection committees composed of institutional presidents, current and former athletic directors and conference commissioners.

Skinner spearheaded the effort in which the Lowell campus gained admittance into the Northeast 10 Conference in the fall of 2000. Since its inception in 1995, Skinner has served on the Lowell Arena and Stadium Commission that oversaw development of the Tsongas Arena and LeLacheur Park. In recent years he has also overseen construction of new team locker rooms, office space for coaches, a new softball complex, a soccer stadium and an outdoor complex for football, field hockey, and track and field.

In June, Dana Skinner was named 2003 Northeast Region Athletic Director of the Year by the National Association of Collegiate Directors of Athletics.
**Calendar of Events**

**Friday and Saturday, Sept. 19 and 20**

**Book Sale**, paperbacks will be sold outside the library, subject specific books will be sold on the mezzanine, 10:30 a.m. to 4 p.m., O’Leary Library. For information, call Donna Stanford (978) 934-4579.

**Saturday, Sept. 20**

Parker Lecture Series, “Shakespeare Behind Bars,” a talk by Jean Trousdale, author of Shakespeare Behind Bars: The Power of Drama in a Women’s Prison, 2 p.m., Pollard Memorial Library, 401 Merrimack Street. For information or a schedule, contact Paul Marion (978) 934-3107 or Paul_Marion@uml.edu.

**Wednesday, Sept. 24**

Lecture, “Democracy and the Politics of War,” presented by Noam Chomsky, MIT linguistics prof., 2 p.m., O’Leary 222. For more information, call (978) 934-4304.

**Thursday, Sept. 25**

Talk, “Robot-Assisted Search and Rescue at the World Trade Center,” presented by Mark Micire, American Standard Robots, 3 to 4 p.m., Olsen 311. For more information, contact Holly Vanceo (978) 934-3642.

**Monday, Sept. 29**


**Sunday, Oct. 5**

Performance, Open House, 9 a.m., Tsongas Arena.

**Monday, Oct. 6**

Seminar Series, “Technology, Development & Globalization: Challenges for Public Policy in Sub-Saharan Africa,” Peninah Ogada, Northeastern University, buffet lunch served, noon to 2 p.m., O’Leary Library, Room M, 5th floor. For information, call RESD (978) 934-2900.

**Friday, Oct. 10**

Performance, STARTS (Student & Teacher Arts) program, “Aesop’s Fables,” performing arts for grades K-3, 9:30 and 11 a.m. Tickets: $5. Durgin Concert Hall. For information and reservations, call the STARTS hotline (978) 934-4452.

**Wednesday, Oct. 15**

Seminar Series, “Teens at Risk: Reducing Workplace Hazards,” Joan Parker (Parkwood Consulting), David Wegman & John Wooding (UML), buffet lunch served, noon to 2 p.m., O’Leary Library, Room M, 5th floor. For information, call RESD (978) 934-2900.

**Friday, Oct. 17**

Performance, STARTS program, “The Summer of the Swans,” performing arts for grades 3-6, 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information and reservations, call the STARTS hotline (978) 934-4452.

**Monday, Oct. 20**

Seminar Series, “Policy, Practice, and System Reform: Youth in Transition,” Talmina Hill, T.L. Hill Group, buffet lunch served, noon to 2 p.m., O’Leary Library, Room M, 5th floor. For information, call RESD (978) 934-2900.

**Tuesday, Oct. 21**

Performance, STARTS program, “The Mystery of King Tut,” performing arts for grades 4-6, 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information and reservations, call the STARTS hotline (978) 934-4452.

**Sunday, Oct. 26**

Performance, Discovery Series, “The Gizmo Guys,” great for all ages, 2 and 4 p.m. Tickets $10, group discounts available, Durgin Concert Hall. For information or tickets, call the Center for the Arts (978) 934-4444.

**Monday, Oct. 27**

Seminar Series, “Lowell’s Industrial Regeneration: Dynamic Technological Capabilities,” Michael Best, College of Management, UML, buffet lunch served, noon to 2 p.m., O’Leary Library, Room M, 5th floor. For information, call RESD (978) 934-2900.

**Sunday, Nov. 2**

Performance, Discovery Series, “The Star Keeper,” performing arts for grades K-3, 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information or tickets, call the Center for the Arts (978) 934-4444.

**Monday, Nov. 3**

Performance, STARTS program, “The Star Keeper,” performing arts for grades K-3, 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information or tickets, call the STARTS hotline (978) 934-4452.

**Monday, Nov. 17**

Performance, STARTS program, “FLY Dance Company,” performing arts for grades K-3, 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information and reservations, call the STARTS hotline (978) 934-4452.

**Tuesday, Dec. 2**

Performance, STARTS program, “Tikki Tikki Tembo,” performing arts for grades K-3, 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information and reservations, call the STARTS hotline (978) 934-4452.

**Sunday, Dec. 7**

Performance, Discovery Series, “The Gizmo Guys,” great for all ages, 2 and 4 p.m. Tickets $10, group discounts available, Durgin Concert Hall. For information or reservations, call the STARTS hotline (978) 934-4444.

**Tuesday and Wednesday, Dec. 9 and 10**

Performance, STARTS program, “Laura Ingalls Wilder: Growing Up on the Prairie,” performing arts for grades 2-5, shows at 9:30 and 11:30 a.m. Tickets: $5. Durgin Concert Hall. For information and reservations, call the STARTS hotline (978) 934-4452.

**Medical Residents Train at Weed Hall**

A dozen medical residents from Lawrence Family Health Center received special training at Weed Hall this summer. Their course, presented jointly by the U.S. Centers for Disease Control and the Massachusetts Department of Public Health, focused on the prevention of HIV and sexually transmitted diseases.

The use of Weed Hall labs was arranged by the National Laboratory Training Network (NLTN) and Dr. Kathleen Doyle, professor of Health and Clinical Sciences. The NLTN, a federally supported program that provides resources and coordinates use of public health laboratories throughout the Northeast, was represented by Elizabeth G. Szymczak, northeast manager for NLTN.

**Did you know...**

that nearly a dozen Kerouac bobblehead dolls were up for auction on eBay the morning after the recent Lowell Spinners’ giveaway?

**For Extra Credit...**

How much are collectors paying for the dolls? Kerouac bobbleheads have fetched upwards of $250 on eBay.

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The Deadline for the Next Issue of The Shuttle is Sept. 26