Research Team Seeks to Stem the ‘Red Tide’

In 1972, organisms known as dinoflagellates appeared in abundance off the coast of Maine, releasing toxic substances that harmed marine life, adversely affected the state’s economy—and killed people.

The popular name for this paralytic shellfish poisoning (PSP) was Red Tide. There have been no deaths from Red Tide since 1972, but scientists continue to study the problem because of its adverse effects on the economy, health, and the ecology. The problem costs Maine and the fishing industry some $12 million a year in monitoring expenses and reduced seafood harvest.

One of the scientists studying Red Tide is Asst. Prof. Juliette Rooney-Varga of the Biological Sciences Department. UMass Lowell has received a $317,000, three-year grant from the National Science Foundation to support her research in this area.

Red Tide, a naturally occurring concentration of algae, gained its name because of its dense concentrations, or “blooms,” are visible as colored patches of ocean water. It’s nothing new. As Rooney-Varga says, “It has been around for eons.”

But, she adds, “It seems that the problem has been getting worse over the past three years or so, and we don’t know why. It occurs annually but we don’t know how bad it will be or where or when it will appear.”

Music Department’s New Project Has Strings Attached

Each Tuesday and Thursday afternoon, some 75 third and fourth graders from Lowell public schools gather at Durgin Hall to make a little noise. Most of them will continue to do this for the next 10 years.

The youngsters, participants in the newly established UMass Lowell String Project, will be learning how to play the violin, the viola or the cello.

Prof. Kay Roberts of the Music Department is director of the project. “We’re thrilled about it,” she says. “It’s something that’s long overdue.”

The University was one of 10 schools—out of 51 applicants—selected this year to take part in the National String Project Consortium, organized by the American String Teachers Association (ASTA) in conjunction with the National School Orchestra Association (NSOA).

UMass Lowell’s application was prepared and submitted by Roberts, in collaboration with the Office of University Advancement.

The consortium is built on the experience and success of the String Project at the University of South Carolina — Columbia. The objective is to teach youngsters to play string instruments and to train string teachers.

Dean Nancy Kleniewski says, “We’re delighted to partner with the Lowell Public Schools to reach the children. Proposition 2 1/2 decimated arts education in Massachusetts and we lost a generation of students to the arts because they received no instruction in school.

“Now we have an opportunity to rebuild. We hope that in a very few years Lowell will have a youth orchestra,” she says.

Prof. Roberts says, “The program is off to a roaring start. We had hoped to get 60 students this first year and, instead, 75 enrolled.”

Pattavina Fights Crime by the Numbers

At first glance, her back-corridor office doesn’t appear to be a crime-fighting headquarters. But, Asst. Prof. April Pattavina, now in her second year with Criminal Justice, hopes her considerable skills in crime analysis will be of assistance to police departments in the region.

Much of Pattavina’s research so far has been in Boston where she collected data on thousands of neighborhood indicators during her time as a graduate student and visiting professor at Northeastern University. But as a Lowell native, she always longed to return.

“I’m quite happy to be back,” she says. “I’m really quite committed to Lowell.” While here, she hopes to assist with crime analysis for the city.

She’s already made inroads in Lawrence where she has provided some information to local authorities.

Using data on indicators like crime rates and property conditions, she explores questions such as, what impact does the occurrence of violent crime have on the way neighborhood youth perform on standardized tests? She found the greatest effect was on the performance of those in their early teens.

Pattavina hopes information drawn from urban neighborhood information systems will be used to help local crime enforcement agencies by indicating what crime prevention programs should be implemented or how they should be evaluated.

Crime-mapping is one of the tools at her disposal. By using Geographic Information Systems technology, Pattavina has determined correlations between such factors as crimes committed and the place of residence of a criminal.
IRB Must Review Human Subject Research

Any research project involving human subjects, conducted by faculty, staff or students, must be reviewed by the Institutional Review Board (IRB), regardless of whether the research is funded, and whether or not it takes place on campus. Copies of the 2001-2002 IRB “Manual of Instructions and Procedures for Research Projects Involving Human Subjects” are now available in the Wannalancit Building at 600 Suffolk Street, second floor. During the semester, IRB manuals and diskettes will be available in the deans’ offices, Graduate School Office, and Lydon and O’Leary libraries.

Love Canal Activist Lois Gibbs Will Speak Dec. 13

Lois Gibbs will speak to the campus community and the public on Dec. 13, from 1:30 to 3:00 p.m., in the Cumnock Hall. The event is sponsored by the Hazardous Waste Workers Training Program of The New England Consortium.

Gibbs was a 27-year-old housewife when she discovered that her child’s elementary school had been built on top of a 20,000 ton, toxic-chemical dump in Niagara Falls, NY. She organized her neighbors into the Love Canal Homeowners Association and struggled more than two years for relocation of 900 families, opposed by business and government officials who insisted that the leaking toxic chemicals, including dioxin, were not the cause of high rates of health problems.

Gibbs is the founder and executive director of the Center for Health, Environment and Justice, an organization that assists grassroots groups with organizing and technical information. She is author of the book, “Love Canal: The Story Continues.” Gibbs has been featured in a multitude of print and broadcast interviews, and was the subject of a prime time movie. Among her many awards are the Goldeman Environmental Prize, an honorary doctorate from the State University of New York, the Working Mother Award, and the Heinz Award.

Clean Production in Universities Conference to be Held in Mexico

Hermosillo, Mexico, will be the site for a conference, “Clean Production and Pollution Prevention at Universities: Inside Stories,” Jan. 16-18, 2002. The conference is being organized by UMass Lowell’s Work Environment Department and the Lowell Center for Sustainable Production, in collaboration with the Industrial Engineering Department of the University of Sonora.

The conference will provide an exchange of ideas and experiences in implementing university-level programs for pollution prevention and clean production. A similar conference was held in Lund, Sweden, two years ago. More information is available on the conference Web site at www.industrial.unom.mx/conferencia.

$500,000 Grant Supports Research in Mexico and Brazil

The Department of Work Environment will be studying working conditions in Brazil and Mexico over the next five years, fueled by a recent $500,000 grant from the National Institute of Health. The “Work and Health in Mexico and Brazil” project, initiated on Sept. 26, will help to root out unhealthy working conditions in the two countries and propose broad improvements to the system.

The program will be conducted through three Latin American universities where research has been increasingly focused on the rights and conditions necessary for workers in their countries: the University of Campanhas (Brazil), The Federal University of Pelotas (Brazil) and the University of Sonora (Mexico). Work Environment Associate Professor Raphael Moure-Eraso will head the program, working with Department Chair David Wegman, Prof. Charles Levenstein, and Senior Researcher Carlos Eduardo Siuqueira.

This research follows other Work Environment projects in Latin America, such as short courses and seminars on industrial hygiene, work environment policy and ergonomics in Venezuela, Mexico, Trinidad and Chile.

Tsongas Shows Support for Leadership Forum

Niki Tsongas, wife of the late former U.S. Senator Paul Tsongas, spoke before a recent meeting of the Greater Lowell Non-Profit Leadership Forum. Hosted by UMass Lowell’s Center for Family, Work and Community (CFWC), the forum brings together executives from 30 Lowell organizations every month to discuss how they can best share resources and promote excellence in administration. For more information, call David Turcotte, CFWC, ext. 4677.

Biological Sciences Offers New Ecology Option

The Biological Sciences Department has introduced a new option—Ecology—for those students seeking a strong foundation in biology, but who also would like to specialize in ecology and environmental biology.

Asst. Prof. Juliette Rooney-Varga says, “The core courses are basically the same as for any other biology option except that other electives are available to them that count toward their major. These electives, which draw on the strengths of other departments, include courses such as geographic information systems, hydrogeology, marine chemistry and environmental law.”

The Ecology Option prepares students for graduate study or careers in areas such as public health, toxicology or bioremediation of pollutants. More information is available by contacting Rooney-Varga (ext. 4715) or by accessing the Ecology Option Web site: www.uml.edu/dept/biology/ecology.

Faculty and Staff Discuss Course Enhancements

Faculty and staff gathered in the Faculty Lounge at Lydon Library Nov. 8 for a Conversation Dinner with a theme of “Course Enhancements Sampler: Community Technology & Applied Learning.” The event, sponsored by the Council on Teaching, Learning, and Research as Scholarship, featured several talks, a panel discussion, and a question-and-answer period. Among the participants were, first row, from left, Asst. Prof. Nicole Champagne, Prof. Bob Gamache, Asst. Prof. Doreen Arcus, Asst. Prof. Michael Pierson, Reference Librarian Marion Muskievicz; second row, from left, Assoc. Prof. James Canning, Sheila Riley-Collahan, director of academic services in the Centers for Learning, Mary Beaudry, director of the Faculty Teaching Center, and Prof. Gilbert Brown.

The Ecology Option prepares students for graduate study or careers in areas such as public health, toxicology or bioremediation of pollutants. More information is available by contacting Rooney-Varga (ext. 4715) or by accessing the Ecology Option Web site: www.uml.edu/dept/biology/ecology.

The shuttle
**Goodwin Issues Reminder of PeopleSoft Timelines**

 Sue Goodwin, vice chancellor for Administration and Finance, says the PeopleSoft implementation for the Financial Records System (FRS) is “on track” but reminds those involved of the timeline that must be observed.

“The changeover will be made cleaner and easier if we are all aware of the timetable so that we schedule our administrative tasks in sync with these key dates,” Goodwin says.

The conversion of the five-campus University finance system, scheduled for next July, is the second phase of the PeopleSoft implementation. Phase One, Human Resources, takes place next month.

The financial conversion involves purchasing, accounts payable, budget, and general ledger functions.

The third and final phase will affect student administration.

Goodwin has called particular attention to seven “critical dates” for the Financial Records System changeover, the first being April 1 when “we will no longer be creating new account numbers in FRS.”

Other dates on the list include:

- June 1—Acceptance of the go-live PeopleSoft system configuration.
- June 14—Start closing down processing in FRS and enter the “Pre-Conversion Window” phase.
- By July 6—Will have closed FRS and all fiscal year processing associated with Fiscal 2002.
- July 7—“Conversion to Production Window” wherein all campuses activate PeopleSoft production routines.
- July 15—The “Go/No Go” decision is made that we are up and running in the new PeopleSoft environment.

“We will do our best to keep you informed and reminded of coming changes as the conversion approaches,” Goodwin says, adding that anyone having questions should not hesitate to contact her or Comptroller Chuck Gisondi.

According to CS Alumnus and Entrepreneur, Commercial Development Venture Is Ideal Incubator

When asked why he’s an entrepreneur, Gary Miliefsky replies immediately. “I’m a risk taker. Being an entrepreneur is a natural extension of the dream. If I didn’t have the drive, this wouldn’t be the greatest company in the world.”

His latest venture is Excelcion, the next generation of network security. Part of the Research Foundation’s Commercial Development Venture (CDV), Excelcion will provide the most reliable and fastest network security for banks, governments, large companies and online brokers.

Eight UMass Lowell computer science students, two graduate and the remaining undergraduate, are working with Miliefsky, chief technology officer, to develop this new technology.

“Kids are so good at being innovative—they’re really ahead of the curve,” he said of his student employees who make up the bulk of his company.

Miliefsky, who founded direct e-commerce shopping tool QuickBuy at the height of the Internet boom, has been working on this idea for the past year and has been part of the CDV for a few months. The decision to come back to his alma mater, he’s a 1990 computer science graduate and recipient of the 2000 Francis Cabot Lowell young alumni award, was an easy one since he found it to be a “really natural fit.”

Miliefsky feels strongly that the CDV is a “model of what an incubator should be.”

Other incubators take 50 percent of the company, plus fees and stock options. According to Miliefsky, “When all is said and done, you don’t own the company and you don’t have a prayer of getting funding.”

The CDV takes little ownership of the company and instead offers intellectual support through an entrepreneur-in-residence, faculty and students. “It’s a better, cleaner model with a small claim to the company,” said Miliefsky.

“We are delighted to be working with Gary on his second start-up company. He works well with our students because he understands their desires to be successful,” said Louis Petrovic, director of external funding, technology transfer and partnering at the Research Foundation. “The students, in turn, have done some amazing technical work.”

Miliefsky hopes to leverage the experience he gained with the now defunct QuickBuy to make Excelcion a success. Targeted to officially launch in early 2002, Excelcion is currently operating in stealth mode.

**Nursing Consortium Launched with Grant from President’s Office**

Last fall, UMass President William M. Bulger presented a 2001 President’s Award of $150,000 to support the Five Campus Nursing School Consortium.

The collaboration was proposed by the chair of the Nursing Department on the Lowell campus, Dr. May Futrell, and the deans of the Schools of Nursing at the other four UMass campuses. The UMass Lowell representative to the consortium is Dr. Barbara Mawn, associate professor of nursing.

The consortium is intended to address the Commonwealth’s approaching shortage of nurses. Nationally, the nursing workforce is aging, enrollments in nursing programs are declining, and hospitals are calling for an increase in clinical care nurses. Futrell noted that there is also a shortage in nursing teachers, prompting the consortium to focus on graduate education.

“Nurses seeking graduate degrees tend to look for schools in their own communities,” Futrell noted. “The UMass graduate programs are well positioned to address the need for advanced practice nurses.”

In the last year, representatives of the five nursing programs have been working collaboratively to increase access to graduate programs, to develop a network that would facilitate research and teaching linkages among the programs, and to share resources across technology-enhanced programs.

“The focus for this year has been on programming and technology,” said Mawn. Specific outcomes have included production of a system-wide index of graduate nursing programs, a directory of key nursing faculty, and training graduate faculty to use the various technologies of distance learning.

This spring, the Lowell and Dartmouth campuses will offer a collaborative course on Women’s Health. Lowell campus professors are Assoc. Prof. Sharon George and Asst. Prof. Rosemary Theroux. The consortium has also helped facilitate a planned televised doctoral-level course in epidemiology.

In May, Mawn and Prof. LeeAnn Hoff organized a consortium conference that offered information on additional uses of technology to enhance collaborative courses. Conference also identified six interest groups where linked teaching and research seemed likely: gerontology, psychiatric/mental health nursing, women’s health, community health, chronic illness, and qualitative research.

“People are calling for an increase in clinical care nurses. Futrell noted that there is also a shortage in nursing teachers, prompting the consortium to focus on graduate education.”

There is a very positive feeling about possible collaborations,” Mawn said, “and consensus is that we will continue the five-campus dialogue the Consortium has begun.”

**Nursing Consortium Launched with Grant from President’s Office**

**Pinardi Paintings the Focus of a Solo Show**

A one-woman show by Art Prof. Brenda Pinardi, “The Song of the Medicine Woman,” will be featured at the Anderson Gallery at Bridgewater State College from late November through the end of 2001.

The show’s paintings, most of them completed during Pinardi’s spring 2001 sabbatical in New Mexico, will be shown a second time in September of next year, along with others of Pinardi’s works, at a solo show at the Vorpahl Gallery in San Francisco and New York.

Pinardi’s work has also been featured recently in shows at the Nan Mullford Gallery in Rockport, Maine, H.I.W. Studio Works in Raymond, Maine and at the Cape Museum of Modern Art on Cape Cod.

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**Goodwin Issues Reminder of PeopleSoft Timelines**

**Nursing Consortium Launched with Grant from President’s Office**

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**Pinardi Paintings the Focus of a Solo Show**
Research Team Seeks to Stem the ‘Red Tide’

The toxic dinoflagellates affect mammals and fish, as well as shellfish. The toxins affect the central nervous system of fish, paralyzing them so that they can’t breathe. Shellfish collect the toxins when they filter seawater to collect food—and humans ingest them when they eat the shellfish.

In her research, Rooney-Varga is collaborating with scientists at Woods Hole Oceanographic Institute, the Canadian Department of Fisheries and Oceans, and the universities of Maine and New Hampshire:

“They’ve used a number of methods of study, including remote satellite scanning and water geochemistry,” she says. “But they have never looked at the impact of bacteria, and that’s what our study deals with.

“We’ve found that when certain bacteria that are native to the Gulf of Maine are added to the Alexandrium fundyense dinoflagellate, that it grows four times faster then it does otherwise.

“We want to find out which bacteria interact with Alexandrium and how they effect changes over time, and from place to place. We also hope to find a bacteria that will kill it.”

Rooney-Varga and four of her graduate students—Mary Savin, Sumita Sood, Sunesh Jasti and Mike Ferrier —will be sailing aboard a Canadian research vessel periodically over the next two years, analyzing the water and the composition of the bacteria community, and isolating new bacteria.

— JM&D

Collaborative Hears Report on Glenn Commission

Mathematics and science are inextricably linked to the nation’s security interests” and “our young people are not performing well enough in mathematics and science to take firm command of their own futures,” concludes a study titled, “Before It’s Too Late: A Report to the Nation from the National Commission on Mathematics and Science Teaching for the 21st Century.” The commission, commonly referred to as the Glenn Commission for its chair, Sen. John Glenn, argued that the most direct way to improve math and science achievement for all students is better math and science teaching.

Dr. Linda P. Rosen, former mathematics and science advisor to Sec. Richard Riley of the U.S. Department of Education, presented the commission’s findings to a meeting of the Engineering in Mass Collaborative (EiMC). Ray Staia, chairman of Analog Devices, Inc., is co-chair of EiMC and Krishna Vedula, dean of engineering at UMass Lowell, is the founder.

A series of long-term changes to the profession, such as “inquiry groups” to establish teams of teachers. Rosen is currently the senior vice president for education at the National Alliance of Business, a nonprofit organization that works with business leaders to promote a competitive workforce through education reform and enhanced job training.

The Engineering in Mass Collaborative is an association of leaders of industry, higher education and schools to increase the number of engineering and science degrees granted in the state. The collaborative aims to identify, promote and scale up programs that are successful in encouraging students’ interest in mathematics, science and engineering.

Website Cited in “Science”

A bioinformatics Web site developed by scientists at UMass Lowell was cited in the Sept. 21 issue of “Science” magazine. The community site, http://bioinformatics.org, was inspired by the Open Source software movement and, according to “Science,” “provides information on a wealth of free tools being developed for bioinformatics research.”

The executive director of the site, Jeffrey W. Bizzaro, BS ’97, currently a UMass Lowell Ph.D. candidate in chemistry, got the idea when he was a chemistry undergraduate. While completing a masters degree at Boston College, Bizzaro started an international collaborative organization, with over 1,000 member groups, committed to opening access to bioinformatics research projects, providing Open Source software for bioinformatics by hosting its development, and keeping biological information freely available.

Easy Riders: Motorcycles Claim Their Place on Campus

Students come to UMass Lowell by bus, by train, in rattling cars spattered with window stickers, on foot in flip-flops and big black boots. Sometimes running late, often drinking coffee, they get here however they can.

But there is a sizable group of students for whom the ride to work is maybe a little more stylish, more exhilarating—certainly less likely to leave them with a free hand. These are the motorcycle commuters.

You can see their mounts awaiting them, propped on kickstands, outside Pinanski Hall: in front are the Honda CBRS, throwing a sharp glare off their bright yellow flanks. These sleek, muscular sportbikes are the most popular motorcycles on campus—despite costing around $10,000. Behind the CBRS, in the second row, are the squatter, less aquiline models, the Harleys and Goldwings. All the riders know their place, says Steve Gordon, a junior computer science major.

“I don’t know why they park that way. That’s just the way it is,” says Gordon, who rides a 1991 Kitana to school from Dracut—when the weather’s nice. The bike makes his commute easier, he says, practically door-to-door.

“It’s the difference between parking out by the fields and right up next to the building.”
Alumnus deCastro Talks About Achieving the Impossible at Senior Executive Forum

Popt quiz: What engineering achievement that changed the world will celebrate its 100th anniversary in 2005?
Answer: Einstein’s theory of relativity.

The Wright Brothers’ first flight and the first transatlantic radio transmission will also celebrate 100th anniversaries in the next couple of years.

At the recent Senior Executive Forum, Edson deCastro, founder and former CEO of Data General Corp., and alumnus of Lowell Technical Institute (’60), used the pop quiz of engineering feats over the last 100 years to keep his audience thinking and to point out how far we have advanced technologically in a short period of time.

Engineers, he said, achieve the impossible. He listed flight, space travel, and computer chips the size of a button as examples. The achievements, however, did not come without stumbling blocks.

DeCastro recounted several large companies in the last 50 years that have passed over new technologies or ideas brought to market by start-up companies. This, he attributes to engineers not holding top positions within companies and not being able to convey ideas to key decision makers.

“Engineers need to become proficient in persuasive arguments that take place in the boardroom,” said deCastro, who recommends that communications and management courses be components of an engineering education. This, partnered with an entrepreneurial attitude, will ensure another 100 years of achieving the impossible.

Sponsored by the College of Management and the Francis College of Engineering, the Senior Executive Forum is a series of six guest speakers sharing insights from their experience and conveying what the industry is looking for in the future workforce.

Music Department’s New Project Has Strings Attached

“And it’s exciting to see how many people have gotten involved to help with the project. The parents and students are providing a monitor to check the students in and out of every session,” she says. (This is an important function, she points out, because the students “are only 8 years old.”)

The Lowell schools also are underwriting the first year’s tuition—$60 for each child. Each university that participates receives an ASTA/NSOA Knight Foundation grant of $10,000 a year for 10 years, which is matched by the host institution.

In addition to Roberts, the project has a master teacher and two undergraduate instructors.

The master teacher is Susan Turcotte Gavirol, a UMass Lowell graduate and member of the Music Department’s adjunct faculty. The student instructors are Darcie Pickering and Andrew Light.

About half the students are studying violin, while about 25 are taking the viola, and the rest the cello. During the first year, all the youngsters are being taught in one group. Next year they will be separated into classes by instrument, and, the third year, they will receive individual lessons.

A new class will enter the program each year.

“One of the things I was struck by and one of the reasons they started the project,” says Roberts, “is that there are very few minority string players throughout the United States. Lowell has a large minority population and this is reflected in our project.”

— JMCD

Salon Group Hears About the Deerfield Raid

Reference Librarian Ron Karr, right, discussed “Life and Death on the Massachusetts Frontier: Another Look at the Deerfield Raid, 1704” at the most recent session of The Salon, a colloquium in the fine arts, humanities and social sciences. With Karr is Asst. Prof. Tony Szczerbowski, who coordinated the event held in Coburn Hall.

Dinner Conversation Offers a Course in Diversity and Student Learning

Debra Humphreys, vice president for Communications and Public Affairs of the American Association of Colleges and Universities, seated left, spoke at a recent Dinner Conversation in Alumni Hall. She discussed “Diversity and Student Learning: Progress Made and Paths to Follow.” Other participants included, standing from left, Prof. John Cataldo, Education; Robert Tammaro, dean of sciences, College of Arts and Sciences; Lan Pho, director, Council on Diversity and Pluralism; Denia Gibson, junior, Management; and Stephen Coggis, director, ALANA Student Center. To Humphreys’ left are Michaela Colombo, director, Bilingual Program, Methuen School Dept; and Prof. Anne Mulvey, Psychology.

Pattavina Fights Crime by the Numbers

“While violent crimes tend to be committed close to home,” she says, “property crimes tend to occur a little farther away.”

Though police often know where crime “hot spots” are, crime-mapping enables them to see patterns. “It opens up a dialogue within the police,” she says, and enables them to look at things in a new way.

Crime-mapping using census track data can offer a descriptive look at a given geographic location. It also can be an analytical tool, helping law enforcement understand why crime is heavier in one place and not another. However, it doesn’t provide all of the answers.

“The census is good in breadth, but not necessarily depth,” describes Pattavina. For that reason, information compiled by community agencies like school departments is also important to examine in order to get a more complete picture.

Pattavina hopes that, while working in CJ, she helps to foster relationships with the community and with other parts of the University. She sees this collaboration as significant in tapping the potential of the field of crime analysis.

Deerfield Raid

Hears About the Salon Group

Debora Trent, assistant professor of history and director of the MA in Liberal Studies Program, leads a discussion of the influences of the childhoods of Degas, Beethoven, and Picasso at the most recent meeting of The Salon. With Trent are, from left, Prof. Mark Trojan, History; and Prof. Terence Shalsky, Education.

Continued from Page 1

Continued from Page 1
CITA Working Conference Tackles a Diverse Mix of Topics

A Cambodian dance project, a health sciences academy, a student writing project and a minority worker-training program could be the topic list at a few different academic conferences. However, these were just a part of the program of the University’s “Fifth Working Conference: Diversity, Culture and Sustainable Development,” jointly sponsored by the Committee on Industrial Theory and Assessment and the Council on Diversity and Pluralism.


The “Environmental Justice and Community-Based Participatory Research Grantee Meeting,” was sponsored by the National Institute of Environmental Health Sciences (NIEHS) and brought together the 2001 grant recipients. Grantees got a chance to report on their progress to date and discuss plans for the future.

Break-out sessions offered an opportunity to share ideas and concerns about community outreach, coalition building, environmental policy, industrial pollution, pesticides, ethical issues in gene-environment research and increased occurrence of asthma. Walking tours were also provided to the Toxics Use Reduction Institute, the Metta East-West Health Center and the Acre Redevelopment/Brownfield Areas.

Among the grantees was a collaborative project among the Coalition for a Better Acre, Lowell Community Health Center and the Center for Family, Work and Community’s Health Sciences Academy, a student writing project and a minority worker-training program.

Meeting Draws Grant Recipients from All Over the Nation

At a time when people are hesitant to travel great distances from their homes, it’s extraordinary that one meeting at UMass Lowell in October drew more than 100 people from as far away as Alaska and Florida.

The “Environmental Justice and Community-Based Participatory Research Grantee Meeting,” was sponsored by the National Institute of Environmental Health Sciences (NIEHS) and brought together the 2001 grant recipients. Grantees got a chance to report on their progress to date and discuss plans for the future.

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Among the grantees was a collaborative project among the Coalition for a Better Acre, Lowell Community Health Center and the Center for Family, Work and Community’s Health Sciences Academy, a student writing project and a minority worker-training program.

NPR’s Curwood Delivers Biggy Lecture, Addresses Pollution

Steve Curwood, host of NPR’s “Living on Earth” was on the UMass Lowell campus on Oct. 25, to deliver the annual M. Virginia Biggy Lecture.

Curwood gave his talk, entitled “The Poisoned Mind: The Effects of Pollution on Learning and Behavior,” in the Alumni Lounge of the Lydon Library.

Curwood has worked as a journalist for WBUR-FM Boston, WGBH-TV Boston, and at the Boston Globe, where he shared a Pulitzer Prize in 1975 for education reporting. His current show, “Living on Earth,” airs on more than 280 National Public Radio affiliates in the United States.

Virginia Biggy, who attended the lecture, is a professor emeritus at UMass Lowell, and former dean of the College of Education.
CSCE Master’s of Education Program Listed Among “Best of the Online Graduate Programs” in “U.S. News”

U.S. News & World Report’s annual America’s Best Colleges issue, dated October 15, has a new category: e-learning. Responding to the growing trend of higher education institutions offering courses online, “U.S. News” developed the e-Learning directory to help “navigate this expanding universe.” UMass Lowell Distance Education, part of the Division of Continuing Studies and Corporate Education (CSCE), is the largest in New England, offering more than 80 courses each semester in a wide variety of disciplines. Complete degree programs in Educational Administration, Information Technology and Liberal Arts, as well as 10 certificates, can be earned online.

“Our growing distance learning programs are in response to the expanding need of professionals to have flexible and convenient education,” said Jacqueline Moloney, dean of CSCE. “To be recognized nationally for the quality of programs we have been offering for more than five years is a great honor.”

Student Nurses Raise Funds

On Oct. 2 on South Campus, and again at their open house Oct. 14, the Student Nurses Association and members of Nursing’s class of 2003 sold patriotic ribbons and badges in support of local families affected by the Sept. 11th attacks. Their efforts raised $800, which was matched by Lowell’s Enterprise Bank and Trust. At the conclusion of the fund-drive, Enterprise President Richard Main, right, made the bank’s presentation to UMass Lowell nursing students—from left—Paula Gil, Jose Mercado and Melissa Mancuso.

Funding from Visa Program Helps Train Workers at Home

Judith Coughlin, director of the Northeast Skills Training Project /H-1B Grant at the UMass Lowell Labor Extension Program (LEP), described the project at a recent seminar in O’Leary Library.

The $2.4 million grant, awarded to the Communications Workers of America Local 1365 by the Department of Labor, was one of only three unions nationally awarded a grant. The funds are being used to provide worker training at Lucent Technologies and Ametek Aerospace to provide “ladders” to higher-skilled positions.

Coughlin, who appeared with Paul Babin, on-site grant coordinator for Ametek, presented as part of the Regional Economic and Social Development Department seminar series sponsored by the Center for Industrial Competitiveness and the LEP. Coughlin, a poet and fiction writer Paul Richardson of Newburyport, fiction writer Paul Richardson of Dracut, poets Mark Schorr and Helena Minton of Andover, photographers John Boutsell and Kevin Hankins of Lowell, writer and translator George Chigas of Chelmsford, and painters Janet Lambert-Moore, Richard Marion, and Bernard Petruzziello of Lowell. In 2000, “The Bridge Review” was cited as an example of the nation’s top 100 “Best Practices” by Imagineering America: Artists and Scholars in Public Life, a national movement to connect universities and the communities they serve through the arts and humanities. “The Bridge Review” is a feature of Ecommunity, an on-line service of the Web Office in the Office of Communications and Marketing. Ecommunity offers a presence on the World Wide Web for community-oriented nonprofit organizations and agencies in the region. The publication is funded in part by the Council on Diversity and Pluralism of UMass Lowell. Past support has been provided by the New England Foundation for the Arts, Human Services Corporation of Lowell, and the Lowell Cultural Council. The magazine evolved from a University-community collaboration begun in connection with the Community Lab of Associate Professor David Landrigan, Psychology Department.

Third Issue of On-line Regional Culture Magazine to be Launched Dec. 4

The campus community is invited to celebrate the launch of the third issue of “The Bridge Review: Merrimack Valley Culture,” the region’s only Web-based culture magazine. The event is set for Tuesday, Dec. 4, at 7 p.m. in the O’Leary Library auditorium (Room 222) on the South Campus. The program will feature readers and speakers whose work is represented in both the past and current issues. In addition, the audience is invited to join in a lively discussion about plans for future issues. A reception will follow the program.

“The Bridge Review” explores the interwoven concepts of place, nature and culture in the context of the watershed of the lower Merrimack Valley. The publication features writing, visual art, history and folklife features, research materials, and other creative work. Visit the redesigned site at community.uml.edu. Campus contributors to date include Assoc. Prof. Hillary Holladay, English Department; librarian Martha Mayo, Center for Lowell History; instructor Mark Cote of the Sociology Department; Chath pierSath, Center for Family, Work, and Community; and Prof. Charles Levenstein, Work Environment Department. The editors are Assoc. Prof. Charles Niki-topoulos, Psychology Department, and Paul Marion, assistant director for community relations. Among the dozens of regional contributors are the following: singer-songwriter Bob Martin of Lowell, author Jane Bros of Dracut, the photo-documentary team Higgins and Ross of Lowell, artist Susan Kapuscinski Gaylord and poet Rhina Espail-lot of Newburyport, fiction writer Paul Richardson of Dracut, poets Mark Schorr and Helena Minton of Andover, photographers John Boutsell and Kevin Hankins of Lowell, writer and translator George Chigas of Chelmsford, and painters Janet Lambert-Moore, Richard Marion, and Bernard Petruzziello of Lowell.

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Rep. Marty Meehan Discusses Response to Terrorist Attacks

In a candid talk on campus with UMass Lowell students, faculty and staff, U.S. Congressman Marty Meehan, class of ’78, said he believes the Bush Administration is on the right track in the U.S. response to the September 11 terrorist attacks.

“The President has brought together a national security team that is better than any President in my lifetime has had,” he said. “Very prudent national security steps have been taken.”

Meehan noted that as a member of the Armed Services Committee, he is party to regular briefings from Defense Secretary Rumsfeld and others on the national security team. He said one thing that distinguishes this war is the amount of information that is available through the media today.

He said the best briefings result when he sifts through all the information that is out there—“CNN, the ‘New York Times,’ the ‘Wall Street Journal,’ about five newspapers”—and asks the Administration officials which reports are accurate and which are not.

Meehan also sits on the Judiciary Committee. In that role, he has helped fashion the anti-terrorism bill that recently passed Congress. “We balance civil liberties with the need to know,” he said. He pointed out that the House bill included a provision to “sunset” the new law in four years.

“As a country, we’ve seen periods of time when this type of power has been abused,” he said, referring to former FBI Chief J. Edgar Hoover’s politically motivated surveillance of Dr. Martin Luther King, Jr.

Meehan said, “I don’t think life in the U.S. will ever be quite the same.”

Meehan’s presentation was organized by Fred Lewis, professor of Political Science. Political science and criminal justice students were encouraged to attend.

Author, Former Stanford Athlete, Addresses Students on Women’s Sports

Mariah Burton Nelson, a former athlete at Stanford University, award-winning author and New York Times journalist, addressed an Oct. 25th gathering of UMass Lowell student-athletes, as well as members of Political Science Prof. Jeffrey Gerson’s “Politics in Sports” class, on a series of issues relating to women in sports.

Nelson, whose visit was sponsored by the UMass Lowell Athletic Department, the Council on Diversity and Pluralism and the Office of the Provost, is the Author of “Embracing Victory—Life Lessons in Competition and Compassion,” “The Unburdened Heart,” and “The Stronger Women Get, The More Men Love Football.”

Her appearance, which took place in O’Leary Library and was open to all students, faculty and staff, was intended, at least in part, to mark the designation of the 2001-2002 academic year as a celebration of women’s sports.

Levenstein Receives Cabot Lowell Faculty Award

Donald Rizzo, executive director of University Advancement, presents Prof. Charles Levenstein of the Work Environment Department with the Francis Cabot Lowell Faculty Award at the Awards dinner last month. The dinner was part of Fall Festival at UMass Lowell, the third annual weekend-long event for alumni, family and friends. This year’s Festival, which included reunions, homecoming and Family Day, drew nearly 1,000 people to the campus.
Math Challenge Participants Divide and Conquer

Fourteen high school teams from across the region, many accompanied by their own cheering sections and pep bands, competed in Math Challenge 2001, sponsored by the UMass Lowell Department of Mathematical Sciences and the Admissions Department. About 400 students and their teachers visited the campus, choosing from a variety of campus tours before the main event.

In the fast-paced, Jeopardy-style competition, Lexington High School took first place, Swampscott High School placed second and Bishop Guertin High School was third. Billerica High School’s team was given the best team spirit award.

UMass Lowell, Harvard’s Dana-Farber, Join Forces in the Fight Against Working-Class Smoking

For close to 20 years now, the combined resources of Madison Avenue and the federal government have been allied in their drive against teenage smoking. As for adult smokers, especially those with the means to afford them, there have been almost too many therapies to list: hypnosis, pills, classes, self-help groups, chewing-gum, skin patches, motivational videos.

The results have been predictable. Among teenagers and professionals, smoking is down. Especially notable is the affluent and college-educated: only about one out of five of today’s white-collar workers is still a smoker, according to a study by the Center for Disease Control.

But among blue-collar workers and members of the service sector, particularly those at the lower end, the numbers are nowhere near as good. Forty percent of truck drivers continue to smoke, as do 46 percent of waiters and waitresses, 60 percent of roofers—36 percent of blue-collar workers overall, nearly double the incidence among the nation’s white-collar class.

Anti-smoking efforts in the U.S. have been largely targeted toward the upper incomes, says Elizabeth Barbeau, director of the newly-formed Consortium on Organized Labor and Tobacco Control (COLT), “while other workers have been left behind.”

COLT, which was created earlier this year with a $1.4 million grant from the American Legacy Foundation (which in turn is funded through the American Tobacco Settlements), is a joint effort of Harvard University’s Dana-Farber Cancer Institute and the Department of Work Environment at UMass Lowell.

In pursuit of its mission—to reduce class-based health disparities due to high levels of tobacco use—among lower-income workers and families—COLT members work with labor unions to educate workers on the dangers of tobacco and second-hand smoke. Among the group’s first initiatives is an anti-smoking campaign targeted at young blue-collar employees through the unions’ training and apprenticeship programs.

Union members need to understand that “smoking harms functions, is too costly to ruin your health, but shortens your career,” says Terence O’Sullivan, general president of the 800,000-member Laborers International Union of North America and a member of COLT’s advisory board. Other unions involved in the effort include the Professional Firefighters Union, the Building and Construction Trades Council of California, and the National Education Association.

The role of UMass Lowell and Dana Farber, in addition to their tobacco research functions, is to assist public-health and anti-smoking groups in working with unions, and to provide technical help to unions interested in establishing tobacco-control programs for their members.

“We’re saying to tobacco control that your program hasn’t been working with blue-collar people,” says UMass Lowell Professor of Work Environment and consortium co-director Charles Levenstein. “Blue-collar workers try to quit just as frequently as white-collar, but are not as successful. So we think it has something to do with the kind of support they get.”

Wegman to Chair National Academy of Sciences Committee

Prof. David Wegman and Charles Levenstein, of the Work Environment Department, have been named members of the National Academy of Sciences Committee on Health and Safety Needs of Older Workers. Dr. Wegman will chair the committee. Wegman previously served as chair of the National Academies Committee on Health and Safety Implications of Child Labor.

The new committee will investigate the older adult workforce over the next 20-30 years, including the changing nature of work and its implications for workers over the age of 50. The members will identify policy and research issues that should be addressed in the coming decade regarding the health and safety of older workers. They will consider the effects, if any, of inappropriate working conditions and of longer working lifetimes on health, as well as the relationship of these conditions to retirement patterns. The committee will prepare a consensus report of its findings, conclusions and recommendations, to be issued at the end of the project.

The committee is sponsored by the Department of Health and Human Services; National Institute of Occupational Safety and Health; and National Institute on Aging, and the Archstone Foundation.

Materials Matter” Honored at Book Signing

By paying more attention to the materials that we develop and the way in which we use them, we could pay less attention to their impacts once they are released to the environment and the people are exposed to them,” writes Work Environ-ment Prof. Kenneth Geiser, in his book, “Materials Matter: Toward a Sustainable Materials Policy,” published by MIT Press.

Managing toxic materials and cleaning up hazardous wastes are costly approaches to improving envi-ronmental and human health, argues Geiser, who is director of the Massa-chusetts Toxics Use Reduction Insti-tute and the Center for Environmentally Appropriate Materials, and co-director of the Lowell Center for Sustainable Production. Government agencies are empowered to regulate the nearly 70,000 substances that are used in industry, but scientific information on their health and environ-mental effects is scanty and, even if it were complete, the task of regulating thousands of individual substances would be unmanageable.

A more efficient and effective approach would be to focus on the materials and not the exposure. As Geiser puts it, “We could simply try to produce safer materials and use them more carefully.”
Psychology Prof. Dinh Draws on Personal Experience to Study Immigrant Adjustment

Nature versus nurture is an age-old dilemma, but Assistant Psychology Professor Khanh Dinh is adding another element to the debate—culture. Reflecting on her own experience as a refugee from Vietnam, she wonders if she would be the same person had her family stayed in Vietnam. She says, “I can say that I wouldn’t be, but I can’t say how I would be different.”

Dinh was six when she, eight siblings, her parents and grandmother stowed away on a cargo ship the eve before the Vietnam government collapsed in 1975. They left behind her eldest sister and her husband. The choice to flee the country was clear: Dinh’s parents were known for anti-communist activities.

“If we didn’t leave, my father would have been in ‘re-education’ [concentration] camps. He probably would have died there,” said Dinh. “It was very chaotic. Looking back, it’s like another life.”

After being rescued by the U.S. Navy, Dinh’s family was placed in several refugee camps until two church groups in Minnesota agreed to sponsor them. During her ten years there, Dinh was forced to make the challenging adjustment to American culture. It was during this difficult time in her youth when her career took root—to study immigrant adaptation.

Dinh has been studying the acculturation of immigrant families for nearly a decade. Most recently, Dinh worked with Mexican-Americans at Arizona State University as a post-doctoral fellow. While some of her work there is continuing, Dinh is excited to be in Lowell where her primary population will be Southeast Asian immigrants.

“I wanted to be at university with a more clinical/community focus, with faculty that work well together, with a campus that values the community it’s located in and importance of diversity,” said Dinh. UMass Lowell seems to fit on all accounts.

Dinh, whose particular interest is in prevention, will launch a study on the conflicts between parents and children—a void in the current research, but one instrumental to cultural adjustment. She sees a three-tiered approach, first developing a measure, then testing the measure and, finally, using the measure to create a prevention program. Dinh plans to form focus groups of Southeast Asian UMass Lowell students and potentially high school students to assess where individuals are in the adjustment process in terms of their health and mental health needs.

While she looks for funding sources, Dinh is focusing on teaching abnormal psychology and getting her footing. Over the long-term, the Psychology Department has asked her to develop a course on diversity issues for the graduate program to increase awareness among students.

Dinh explains, “Our country’s becoming more and more diverse in many ways. This is the population our students will be working with.”

Botman Paints a Picture of Women in Contemporary Egypt

University of Massachusetts Vice President for Academic Affairs Selma Botman, a scholar on contemporary Egypt, analyzes the place of women in Egyptian society over the last century, in a lecture sponsored by the Center for Women and Work.

Speaking before a packed audience in the 5th floor seminar room in O’Leary Library, Botman described the three distinct socio-political stages in Egypt since the end of the First World War, and the changing view of women and citizenry during that tumultuous time.

“It’s a wonderful country and a wonderful century in which to study,” Botman said.

Lowell Alum to Coordinate Honors Program, Assist in Advising

Laurie Tirado, a Lowell native and 1993 graduate of the University, joined the staff of her alma mater early this month, taking on responsibilities for both the Honors program and the Advising Center. Tirado is the new coordinator of the honors program, overseeing all the day-to-day operations and directing the five student workers in the office.

In addition, she will assist Susan Lemire, coordinator of Language and Learning Strategies, and Sheila Riley-Callahan, director of Academic Services, in the Centers for Learning. Tirado, who majored in Spanish, was a peer adviser herself when she was a student. Before taking this job, she was a regional manager for Texaco. Her experience prepared her very well for the position, said Honors Program director Stephen Pennell, professor of Mathematics.
Asst. Prof. Patrick Scollin of the Health and Clinical Science Department presented a paper at the 19th annual International Nursing Computer and Technology Conference in Denver recently.

The paper, titled “A Study of Factors Related to the Use of Online Resources by Nurse Educators,” described the findings of a study of the use of online resources by nurse educators, and the factors that support or hinder those uses for scholarly pursuits.

The industry journal “Mass High Tech” has named Engineering Dean Krishna Vedula a “High Tech All Star,” one of 13 selected from more than 150 nominees for this annual honor. The recipients were chosen, the publication says, “for their energy, their vision and their leadership.”

Vedula was recognized for founding the Engineering in Mass Collaborative, establishing partnerships between UMass Lowell and industry, and for persuading companies to donate equipment and software worth millions of dollars to the University.

Three UMass Lowell professors—Drs. Ted Nammi, Alease Bruce and Barbara Cocanour—were among the presenters at the 15th annual meeting of the Human Anatomy and Physiology Society in Maui this past June.

Both Bruce and Cocanour presented posters—Bruce’s “A Case Based Approach to Developing a Neuron in the Laboratory,” and Cocanour’s “Using Case Studies in a Clinical Anatomy Course” and “An Introduction to Herbal Medicine: Medicinal Plants on Stamps”—while Nammi’s presentation was the workshop, “Modern Molecular Genetics—How It All Works.”

Also at the meeting, it was announced that Cocanour had been elected secretary of the Society, with a seat on its Board of Directors.

Mary Connelly, UMass Lowell director of Student Activities, was announced recently as winner of her New England region’s Distinguished Service Award, presented annually at the regional conference of the Association of College Unions International (ACUI).

The award, presented to Connelly at a October 27th banquet, is the highest honor given by the ACUI. It is awarded yearly to the individual whose work, over a period of at least five years, has done the most to benefit the region and the organization.

Connelly, according to one source, was nominated for the award by “a number of people across the region.”

Connelly Honored for Contributions

A New Home Within Walking Distance Through Housing Incentive Program

Cheryl West walks to work now—sometimes twice a day. When the projects back up at the Center for Family, Work and Community, and she’s going to be working well past dinnertime, West walks out into the evening and over to her new home in the Centralville neighborhood of Lowell. There she fixes herself some dinner, takes a few minutes to decompress, and heads back to the office, fed and refreshed.

“Oh, I love it,” she says of her new home, a two-story colonial on West L Street. She discovered the place through the Homebuyer Incen- tive Program, a home-ownership and improvement deal developed by the Lowell Plan, a nonprofit economic development organization. Through the program, employees of UMass Lowell, Middlesex Community College, Lowell General and Saints Memorial Hospitals can receive a benefits package when buying their first home. The benefits include a no-interest, deferred loan for the down payment, some grant money toward the purchase, and “enhancement funds” for fixing up the place.

The larger goal is to bring stability to middle-income neighborhoods in the city, where the eligible houses are located. That stability comes in the form of homeowners like West.

“I wasn’t really looking in that neighborhood,” West says—not until she discovered the West L Street house through the program. Within eight weeks, she was moved in.

Though West has woven some home improvements into her un包装ing process, she says the place was in excellent shape when she moved in: new plumbing, electrical wiring, insulation, windows, and vinyl siding.

Halloween Hoedown

Dressed up for the annual physical plant Halloween party and soup cook-off, retired administrative assistant Fran Broderick moseys through her old office in Cumnock Hall with payroll administrator Peggy St. Peter.

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Cheryl West, a community consultant in the Center for Family, Work and Community, stands in the Centralville neighborhood as West makes the short walk home for dinner on the long days.

“I just take a break, have a meal, put my feet up,” she says, “then I’m ready for the next round.”

Promotions

Alberta K. Cavanaugh, assistant director of Financial Aid, from staff assistant.

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

Nancy A. Desjardins, accounting supervisor in the Research Foundation, from staff accountant.

Appointments

Karen A. Anderson, technical services coordinator in Continuing Studies and Corporate Education, from exchange server administrator at Avaya Inc. in Acton.

Gregory Bernier, institutional security officer in University Police, from Bulkmatic.

Stephanie J. Harlen, technical implementation coordinator, operations manager in Information Technology, from system manager in Administrative Computing.

Anne R. Lowenthal, director of gift planning and college development officer in University Advancement, from marketing manager at PricewaterhouseCoopers.

Todd W. MacFadden, education and training associate in the Toxics Use Reduction Institute, from training specialist in the Research Foundation.

Sucharita Roy, postdoctoral research associate in the Research Foundation, from graduating class.

Laurie M. Tirado, coordinator of Honors Program and Advising in the Centers for Learning, from regional category manager for Equita Services, LLC.

Michelle L. Vercellin, staff assistant in the Research Foundation, from part-time secretary in Chemistry.

Weiping Zhen, instructional media developer in Continuing Studies and Corporate Education, from C-SPAN in Washington, D.C.

“Nonetheless, I’m putting my own stamp on it,” she says. Her next project: exposing the old wood floors beneath the kitchen tiles.

In the meantime, the bells at St. Casimir’s church, on nearby Lakeview Avenue, ring through the neighborhood as West makes the short walk home for dinner on the long days.

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Saturday, Nov. 24
Hockey, vs. Army, 7 p.m., Tsongs Arena. For information, call (978) 934-HAWK.

Sunday, Nov. 25
Women’s Basketball, vs. St. Rose, 7 p.m., Costello Gym. For information, call (978) 934-HAWK.

Monday, Nov. 26
Seminar, “Chinese Enterprises Responses to Globalization,” by Ed Steinfield, professor, Sloan School of Management, MIT, noon, O’Leary Hall, Room 500M.

Tuesday, Nov. 27
Women’s Basketball, vs. Franklin Pierce, 5:30 p.m., Costello Gym. For information, call (978) 934-HAWK.

Wednesday, Nov. 28
Art Gallery Reception and Silent Auction, “Paper Prayers Exhibit,” 3 to 6 p.m., Dugan Gallery, Dugan Hall, Broadway Street, Lowell. Gallery hours: Monday through Thursday, 9 a.m. to 3 p.m. Proceeds to benefit Boston Pediatric AIDS Projects and the September 11 Fund. Exhibit continues through Dec. 7.

Thursday, Nov. 29
Concert, Studio Orchestra, Prof. Walter Platt, director, 7:30 p.m., Durgin Concert Hall.

Saturday, Dec. 1
Hockey, vs. Boston University, 7 p.m., Tsongs Arena. For information, call (978) 934-HAWK.

Sunday, Dec. 2
Men’s Basketball, vs. New York Tech, 2 p.m., Costello Gym. For information, call (978) 934-HAWK.

Monday-Tuesday, Dec. 3-4
Performance, STARTS Educational Field Trip Series, “The Mystery of King Tut,” grades 4-6, 9:30 a.m. and 11:30 a.m., Durgin Hall.

Monday, Dec. 3

Tuesday, Dec. 4
Women’s Basketball, vs. Franklin Pierce, 5:30 p.m., Costello Gym. For information, call (978) 934-HAWK.

Wednesday, Dec. 5
Men’s Basketball, vs. Franklin Pierce, 7:30 p.m., Costello Gym. For information, call (978) 934-HAWK.

Thursday, Dec. 6
Concert, Chamber Orchestra, Prof. Kay Roberts, director, 7:30 p.m., Durgin Concert Hall.

Sunday, Dec. 9
Concert, Graduate Recital, Brian Ellingboe, saxophone, 7:30 p.m., Fisher Recital Hall.

Monday, Dec. 10
Training, Hazardous waste site refresher course, 8 a.m. to 5 p.m., Wannalancit Mill. For information, call (978) 934-3197.

Tuesday, Dec. 11
Training, Hazardous waste site refresher course, 8 a.m. to 5 p.m., Wannalancit Mill. For information, call (978) 934-3197.

Wednesday, Dec. 12
Chancellor’s Open Hours, staff, 2 to 3 p.m.; students, 3 to 4 p.m.; faculty: 4 to 5 p.m.; Trustees’ Room, Cumnock Hall.

Thursday, Dec. 13
Concert, Undergraduate Recital, Ben Ricker, piano, 7:30 p.m., Fisher Recital Hall.

Friday, Dec. 14
Final exams begin.

Saturday, Dec. 29
Women’s Basketball, vs. New York Tech, 2 p.m., Costello Gym. For information, call (978) 934-HAWK.

Wednesday, Dec. 19
Concert, Graduate Recital, Timothy Peng, piano, 7:30 p.m., Fisher Recital Hall.

Friday, Dec. 21
Final exams end; residence halls close at 6 p.m.

Wednesday, Dec. 17-18
Performance, STARTS Educational Field Trip Series, “A Christmas Carol,” grades K-4, 9:30 a.m. and 11:30 a.m., Durgin Hall. To order tickets, call (978) 934-4444.

Clarification:
Sucharita Roy is an exchange research visitor from New Delhi, working in the Center for Advanced Materials, and was one of six final award recipients for the ICI award from the American Chemical Society.

Did you know...
that the campus grounds were used as a U.S. Army training camp during WWI?

For Extra Credit...
In what year was the Student Army Training Corps established?
The SATC was formed in the fall of 1918, comprising 124 day students.

U
Mass Lowell Professor Emeritus Raven Spearman, formerly of the Music Department, has been announced as winner of the Lotte Jacobi Living Treasure award, one of seven Governor’s Arts Awards bestowed semi-annually in New Hampshire.

Spearman, a Nashua resident, and his six fellow recipients received their honors from New Hampshire Gov. Jeanne Shaheen at a Nov. 9 ceremony at the Capitol Center for the Arts in Concord, where each received an original work of art commissioned by the State Arts Council.

The Governor’s Arts Awards are intended to recognize the efforts of New Hampshire artists in such areas as arts education, arts patronage, folk heritage and lifetime achievement in the arts.