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## Maine Perspective

Department of Public Affairs, University of Maine

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## Incoming Class Largest in a Decade

The University of Maine's Class of 2004 – 1,707 students – is the largest since 1990, reflecting a four-year trend of larger entering classes at UMaine.

While admission standards have remained constant, the number of students choosing UMaine has risen. The Class of 2004 is 47 percent larger than the class that entered the University in 1997.

UMaine's overall student population this year is expected to be 10,200, the largest number of students since 1996-97. That number is 11 percent larger than the total number of students at UMaine in fall 1997.

The state's land-grant university is attracting more of Maine's college-bound students, while gradually increasing the number from other states who choose to study in Orono.

Speaking at his annual academic year news conference, President Peter Hoff cited the University's enhanced reputation as a primary reason for the growth.

"Guidance counselors, principals, students and parents mention several reasons for increased interest in UMaine: the quality of our programs; the breadth of academic and cultural opportunities we offer; and, as a state university, the value we provide for each tuition dollar. We are pleased that our reputation has rebounded so well from where it was during the financially strapped days of the early 1990s," Hoff says.

Among the characteristics of the new class:

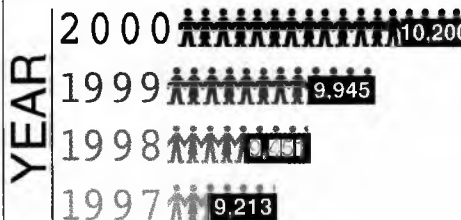
▼ A record number of new students are recipients of the Top Scholars Award, a full-tuition scholarship offered to the valedictorian and salutatorian of each high school in Maine. This year, that number is 89, or more than 40 percent of those eligible to receive the prestigious awards.

▼ 21 percent of the incoming students finished in the top 10 percent of their graduating class. Forty percent finished in the top 20 percent of their graduating class.



Photo by Monty Rand

### UMaine Enrollment



Graphic by Carol Nichols

▼ The average SAT score for first-year students is 1085, virtually the same average as UMaine first-year students in the past few years. That average score is 76 points above the national average, and 78 points above the state average.

Almost three-quarters of UMaine students are full-time students; 21 percent are graduate students.

Approximately 500 new graduate students have begun their studies at the University this academic year, increasing the graduate student enrollment to more than 2,000 students.

Admission to many of the University's graduate programs remains highly competitive, with less than 20 percent of applicants accepted.

Of the 72 percent of the first-year students who reported that the University was their first choice for college, more than half said they aspire to earn a graduate degree, with 13 percent setting their sights on a doctorate.

In the University community, both undergraduate and graduate student populations

reflect a global perspective, with students representing 41 states and more than 50 foreign countries. ▲

### In Perspective

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As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.



## Water Research Institute to be named for George Mitchell

The environmental achievements of Maine Sen. George Mitchell will be recognized with the naming of the Water Research Institute (WRI) in his honor. In the Senate, Mitchell played key roles in such landmark environmental legislation as the Clean Water Act, Clean Air Act, and Safe Drinking Water Act.

The WRI conducts research on topics related to each of those measures. It will be known as the Senator George J. Mitchell Center for Environmental and Watershed Research. Mitchell will be on campus Friday, Oct. 6 for a dedication ceremony in Hutchins Concert Hall.

"I am honored to be associated with an internationally recognized research center that is investigating the wide variety of environmental issues that affect most of Maine's economy and quality of life," says Mitchell. "I am especially pleased with the Center's commitment to graduate education, which complements the Mitchell scholarship program for Maine undergraduates."

WRI scientists conduct research on topics such as acid rain, lake pollution, mercury in fish, drinking water source protection and MTBE and arsenic in groundwater. The Institute has been awarded more than \$15 million in grants and contracts in the past decade.

Institute staff have testified in Washington D.C. on issues related to reauthorization of the Clean Air Act and contributed to environmental management in Maine.

"Senator Mitchell has been an outspoken leader on environmental issues for more than two decades," says UMaine President Peter Hoff. "In 1989, he dedicated the University's Sawyer Environmental Research Center, where the Water Research Institute is located. It is time formally to link the Senator and his accomplishments with the leading environmental research center in Maine."

WRI has won awards from Maine, the U.S. Environmental Protection Agency and the National Institutes for Water Research for its research and for programs designed to foster education and public awareness of water resources issues. ▲

## UMaine establishes new program in early detection of infant health problems

With support from \$1.45 million in federal funds, the University of Maine is establishing a program to improve early identification of children and infants who are at risk for communication disorders.

Maine's congressional delegation actively supported the effort and worked to maintain federal funding to benefit Maine children.

The Children at Risk Project has several major components including research on new ways to detect disorders and a state-wide information management system. A particularly important focus in the early phases of the program will be detection of hearing impairment in infancy. UMaine will provide database assistance to the Maine Bureau of Health which is now implementing Maine's new Universal Hearing Screening Program.

The project also will include research on predictors of a variety of developmental disabilities. A confidential information database will be established to track children from diagnosis through treatment, says Kimbrough Oller, chair of UMaine's Department of Communication Sciences and Disorders.

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*Images for Eternity: West Mexican Tomb Figures*, an exhibit from the Hudson Museum that shows the spiritual side of ancient Mexican culture, is now on display in the atrium of UMaine's new Hutchinson Center in Belfast. Installing the exhibit earlier this month are, left to right, Ron Harvey of Tuckerbrook Conservation, a visiting research associate with the Hudson Museum, and Hudson Director Steve Whittington. In the exhibit are more than 60 West Mexican ceramics, dating from about 200 BC to AD 500, from the William P. Palmer III Collection. Experts consider the 550 ceramic tomb figures in the Palmer Collection to be the largest assemblage of its kind in any U.S. museum. The tomb figures commemorate rites of passage and social status. The figures acted as passports, allowing the dead to take their statuses into the realm of death.

*Photo by Monty Rand*

### Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/ Distinguished Lecture Series Committee is Friday, Sept. 29. Proposal guidelines and applications are available from Wanda Legere, President's Office, x1516.

### MAINE PERSPECTIVE PUBLISHING SCHEDULE

Publication dates and deadlines for fall issues of Maine Perspective are Oct. 2 (copy deadline Sept. 20); Oct. 16 (copy deadline Oct. 4); Oct. 30 (copy deadline Oct. 18); Nov. 13 (deadline Nov. 1); Nov. 27 (deadline Nov. 15); Dec. 11 (deadline Nov. 29).

## MAINE Perspective

Maine Perspective is published by the Department of Public Affairs  
The University of Maine • 5761 Howard A. Keyo Public Affairs Building  
Orono, Maine 04469-5761 • 207-581-3745

Director of Public Affairs John Diamond • Executive Editor Margaret Nagle

Layout and Design by The University of Maine Department of Public Affairs  
Printed by The University of Maine Printing Services

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# MAINE Calendar

<http://calendar.umaine.edu>

# MAINE

All events are free and open to the public, unless specified. Any speaker not otherwise identified is a member of The University of Maine faculty, staff or student body. Send notices of upcoming campus events to: The University of Maine Master Calendar, Public Affairs. For the most up-to-date calendar listings, see <http://calendar.umaine.edu> or call 581-3745.

## SEPTEMBER 22-OCTOBER 12

**"Teaching in an Intercultural Classroom,"** a Center for Teaching Excellence Workshop facilitated by Zornitsa Keremidchieva, James Leck and Angel Martinez Loreda, 1:30-3:30 p.m., Sept. 21, Woolley Room, DTAV. Open to all UMaine faculty, instructors, and teaching assistants. Registration required. x3472 or CTE@umit.maine.edu

### 22 Friday

**Beginner Whitewater Kayaking,** a Maine Bound Course, Sept. 22-24. Registration required. Admission Fee. x1794.

**"From Genes to Behavior: Ocular Reflexes in Zebrafish,"** by Matthew McFarlane, research scientist, NYU School of Medicine, part of the SMS Seminar Series, 11:15-12:30 p.m., Sept. 22, 100 Edward Bryand Global Sciences Center. x4381.

**TGIF Music Series,** offered by the Center for Students and Community Life, noon-1 p.m., Sept. 22, Bangor Lounge, Union. x1793.

**"Effect of Enzyme Pre-Treatment on Chlorine Dioxide Kinetics and Alkaline Extraction,"** by Matthew Stafford, candidate for master's degree in chemical engineering, 1 p.m., Sept. 22, 222 Jenness Hall. x3217.

**Electronic Job Search,** part of the Career Center Job Search Series, 2:10 p.m., Sept. 22, 121 Lengyel Gym. Preregister by stopping by or calling the Career Center. x1359.

**Women's Soccer: UMaine vs. New Hampshire,** 3 p.m., Sept. 22. xBEAR.

**"The Winter Ecology of Harlequin Ducks in Coastal Maine,"** by Glen Mittelhauser, candidate for master's degree in zoology, 3:10 p.m., Sept. 22, 102 Murray Hall. x3217.

**Field Hockey: UMaine vs. Hofstra,** 7 p.m., Sept. 22, Alford Stadium. xBEAR.

### 23 Saturday

**Women's Rock Climbing Fun Day,** a Maine Bound course, Sept. 23, Clifton. Registration required. Admission Fee. x1794.

**ALANA Center Popcorn and Movie Night,** offered by the Center for Students and Community Life, 7-11:30 p.m., Sept. 23, Hannibal Hamlin Hall. x1405.

**Maine Center for the Arts Gala,** with a performance by award-winning actress and singer Patti LuPone, part of the Maine Center for the Arts performance season, 8 p.m., Sept. 23, Hutchins Concert Hall. Admission Fee. x1755.

### 24 Sunday

**Women's Intermediate Rock Climbing,** a Maine Bound course, Sept. 24, Acadia National Park. Registration required. Admission Fee. x1794.

**Black Bear Triathlon,** offered by the Center for Students and Community Life, 9 a.m., Sept. 24, Gym. Sign up at Rec Sports office. x1082.

**Field Hockey: UMaine vs. Drexel,** noon, Sept. 24, Alford Stadium. xBEAR.

### 25 Monday

**"Promotion and Tenure,"** a Center for Teaching Excellence New Faculty Luncheon, with Doug Gelinias, George Criner, Rebecca Eilers, Eric Landis and Elise Turner, noon-1:30 p.m., Sept. 25, Mahogany Room, Wells Conference Center. Intended for faculty at UMaine fewer than three years. Registration required. s3472 or CTE@umit.maine.edu

**How to Find Internships,** part of the Career Center Job Search Series, 2:10 p.m., Sept. 25, third floor, Chadbourne Hall. Preregistration required. x1359.

**Effective Interviewing Techniques,** part of the Career Center Job Search Series, 3:10 p.m., Sept. 25, third floor, Chadbourne Hall. Preregistration required. x1359.

### 26 Tuesday

**"Mentoring Women in Science: Workable Models,"** by Stephanie Morgan, research consultant, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Sept. 26, Bangor Lounge, Union. x1228.

**Coffeehouse,** offered by the Center for Students and Community Life, 8 p.m., Sept. 26, Hilltop Commons. x1793.

### 27 Wednesday

**UMPSA Brown Bag Lunch/Social Hour,** for all UMaine professional employees and other interested UMaine staff, featuring discussion

about the UMS/UMPSA fact-finding report results, 11:30-1 p.m., Sept. 27, Bangor Lounge, Union. x4124.

**Cinematique,** an Independent Film Series, offered by the Center for Students and Community Life, 7 p.m., Sept. 27, Devino Auditorium, Corbett Business Building. x1793.

### 29 Friday

**"The Biological Productivity Front in the Estuary of the Changjiang (Yangtze River) and Hangzhou Bay, and Its Ecological Effects,"** by Xiuren Ning, The Second Institute of Oceanography, State Oceanic Administration, Hangzhou, China, part of the SMS Seminar Series, 11:15-12:30 p.m., Sept. 29, 100 Edward Bryand Global Sciences Center. x4381.

**TGIF Music Series,** offered by the Center for Students and Community Life, noon-1 p.m., Sept. 29, Bangor Lounge, Union. x1793.

**Cultural Affairs/Distinguished Lecture Proposal Deadline,** 4:30 p.m., Sept. 29, President's Office. x1516.

**Men's Hockey: Blue/White Game,** 7 p.m., Sept. 29, Alford Arena. Admission Fee. xBEAR.

### 30 Saturday

**Lead Rock Climbing Clinic,** a Maine Bound course, Sept. 30. Registration required. Admission Fee. x1794.

**Maine Bound Outdoor Equipment Sale,** Sept. 30, Canoe Barn. x1794.

**Maine Bound Reunion Slideshow,** a Maine Bound OPTIONS program, Sept. 30, Maine Bound, Union. x1794.

**Football: UMaine vs. William and Mary,** 7 p.m., Sept. 30, Alford Stadium. Admission Fee. xBEAR.

### 1 Sunday

**Sea Kayaking Day Tour,** a Maine Bound program, Oct. 1. Registration required. Admission Fee. x1794.

**Cyrano de Bergerac,** performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 3 p.m., Oct. 1, Hutchins Concert Hall. Admission Fee. x1755.

## 2 Monday

**"Soil Health and Sustainable Land Management,"** by John Doran, USDA-ARS senior soil scientist and professor of agronomy at the University of Nebraska, offered by the Department of Plant, Soil and Environmental Sciences, noon, Oct. 2, 101C Deering Hall. x2938.

**Application for Degree Filing Deadline (December),** 4:30 p.m., Oct. 2. x1298.

**Financial Aid Workshop,** part of College Fair 2000, offered by the New England Association for College Admission Counseling, 6-7 p.m., Oct. 2, Wells Conference Center. x1561.

**College Fair 2000,** offered by the New England Association for College Admission Counseling, 7-9 p.m., Oct. 2, Field House. x1561.

**Comedy Show: Atwater and Donnelly,** offered by the Center for Students and Community Life, 7-9 p.m., Oct. 2, Stewart Commons.

## 3 Tuesday

**College Fair 2000,** offered by the New England Association for College Admission Counseling, 9-11:30 a.m., Oct. 3, Field House. x1561.

**"Soil Quality: Sustaining and Integrating the Elements of Life,"** by John Doran, USDA-ARS senior soil scientist and professor of agronomy at the University of Nebraska, offered by the Department of Plant, Soil and Environmental Sciences, 9:30 a.m., Oct. 3, 210 Boardman Hall. x2938.

**Coffeehouse,** offered by the Center for Students and Community Life, 8 p.m., Oct. 3, Hilltop Commons. x1793.

## 4 Wednesday

**University of Maine Foundation 2000 Annual Meeting and Luncheon,** including the annual business meeting of the University of Maine Foundation, 10-1:30 p.m., Oct. 4, Wells Conference Center. 947-5100.

**"Getting a College Education While Raising Children and Living in Poverty: A Discussion of the Parents as Scholars Program,"** by Michele Alexander and Sandy Butler, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Oct. 4, Bangor Lounge, Union. x1228.

**Cinematique,** an Independent Film Series, offered by the Center for Students and Community Life, 7 p.m., Oct. 4, Devino Auditorium, Corbett Business Building. x1793.

**"The Stigma of Mental Illness: Coping Skills,"** by psychologist Frederick Frese, the keynote address for UMaine's Mental Illness Awareness Week Observance, 7 p.m., Oct. 4, 101 Neville Hall.

## 5 Thursday

**End of First Third of Semester for Withdrawals,** 4:30 p.m., Oct. 5. x1298.

## 6 Friday

**Dedication of the Senator George J. Mitchell Center for Environmental and Watershed Research,** featuring a keynote address by Senator Mitchell, 10 a.m., Oct. 6, Hutchins Concert Hall. x3454.

**"The Deglacial Dip in Atmospheric d13C and Implications for Glacial-Interglacial Changes in Atmospheric CO<sub>2</sub>,"** by Robert Toggweiler, Geophysical Fluid Dynamics Laboratory, NOAA, Princeton, part of the SMS Seminar Series, 11:15-12:30 p.m., Oct. 6, 100 Edward Bryand Global Sciences Center. x4381.

**TGIF Music Series,** noon-1 p.m., offered by the Center for Students and Community Life, Oct. 6, Bangor Lounge, Union. x1793.

**Men's Soccer: UMaine vs. Northeastern,** 3 p.m., Oct. 6. xBEAR.

**Fall Break Begins,** 5 p.m., Oct. 6.

## 7 Saturday

**AMGA Top Rope Site Manager Course,** a Maine Bound program, Oct. 7-10, Oct. 7, Eagle Bluff, Clifton. Registration required. Admission Fee. x1794.

**Appalachian Trail Traverse,** a Maine Bound program, Oct. 7-10. Registration required. Admission Fee. x1794.

**East Branch Canoe Trip,** a Maine Bound program, Oct. 7-10. Registration required. Admission Fee. x1794.

**Living History Days,** featuring traditional crafts and re-enactment of pioneer life in Maine, Oct. 7, Leonard's Mills, Bradley. x2871.

**Murray Keatinge Invitational,** men's and women's cross country, Oct. 7. xBEAR.

**New Hampshire on the Rocks,** a Maine Bound program, Oct. 7-10. Registration required. Admission Fee. x1794.

## 8 Sunday

**Living History Days,** featuring traditional crafts and re-enactment of pioneer life in Maine, Oct. 8, Leonard's Mills, Bradley. x2871.

**Men's Soccer: UMaine vs. Boston University,** 1 p.m., Oct. 8. xBEAR.

## 10 Tuesday

**Coffeehouse,** offered by the Center for Students and Community Life, 8 p.m., Oct. 10, Stewart Commons. x1793.

## 11 Wednesday

**Classes Resume,** Oct. 11.

**"Auditioning for the Chorus Line: Migrant Labor and Gendered Modernity in Rural Thailand,"** by Mary Beth Mills, associate professor of anthropology, Colby College, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Oct. 11, Bangor Lounge, Union. x1228.

**Cinematique,** an Independent Film Series, offered by the Center for Students and Community Life, 7 p.m., Oct. 11, Devino Auditorium, Corbett Business Building. x1793.

**Performance by Robert Mirabal,** award-winning Native American flutist and composer, part of the Maine Center for the Arts performance season, 7 p.m., Oct. 11, Hutchins Concert Hall. Admission Fee. x1755.

## 12 Thursday

**Introduction to PhotoShop,** a Fogler Library Web and Desktop Publishing Workshop, 2-4 p.m., Oct. 12, Computer Classroom, Fogler Library. Registration required. Admission Fee. x1696.

## Ongoing Events

### Exhibits/Demonstrations/Tours

**Jump Into It (water as muse),** a University of Maine Museum of Art exhibit featuring 79 works from the Permanent Collection, through Oct. 21, Carnegie Hall. x3255.

**Ustamdan Ogrendim, "I Learned From My Master"; Traditional Turkish Occupations,** a Hudson Museum exhibit of photographs and objects, through June 3, Maine Center for the Arts. x1901.

### Entertainment

**Luv,** a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, Oct. 18-21, Hauck Auditorium. Admission Fee. 581-1755.

### Meetings of Groups/Organizations

**Food for Thought Series,** the first Wednesday of each month, noon-1 p.m., FFA Room, Union. x1392.

**Foreign Language Tables,** Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish, 207 Little Hall. x2073.

**Maine Peace Action Committee (MPAC),** meets every Sunday, 7 p.m., Maples Building.

**Muslim Prayer,** noon-2 p.m., every Friday, Drummond Chapel, Union. 581-1793.

**Orono Farmers' Market,** 8 a.m.-1 p.m., every Saturday (through Nov. 18); 2-5:30 p.m., every Tuesday (through Oct. 31); Steam Plant Parking Lot. 827-2225.

**Relaxation and Meditation Practice,** for employees, 4:45 p.m., every Monday, Employee Assistance Program Office, 126 College Ave. x4014.

**Relaxation and Meditation Series,** for students, 4-5 p.m. every Tuesday, Drummond Chapel, Union. x1392.

## Look Who's On Campus

**GARRY BUETTNER**, professor of radiology in the Free Radical and Radiation Biology Graduate Program at the University of Iowa, is the first speaker in this year's Biochemistry, Microbiology and Molecular Biology Staples Series. He will be on campus Tuesday-Wednesday, Sept. 19-20, giving talks and an interactive writing seminar for graduate students. "Antioxidants and Their Networks of Protection," 11 a.m.-noon, and "How I Write a Scientific Paper: Selling Your Data with Power Writing," 2:10-3:30 p.m., are both Sept. 19, 107 Corbett Business Building; "Free Radicals and Antioxidants in Health and Disease," is 11 a.m.-noon, Sept. 20, 141 Bennett Hall. Buettner's research program includes projects on: the chemistry of the antioxidant vitamins C and E; the role of free radicals in ultraviolet light-induced skin photoaging and skin cancer; and the development of improved strategies for the effective use of photodynamic therapy in the treatment of cancer.

**JOHN DORAN**, senior soil scientist with the USDA-ARS and professor of agronomy at the University of Nebraska, will present two seminars Monday-Tuesday, Oct. 2-3: "Soil Health and Sustainable Land Management," noon, Oct. 2, 101C Deering Hall; and "Soil Quality: Sustaining and Integrating the Elements of Life," 9:30 a.m., Oct. 3, 210 Boardman Hall. Doran is an internationally recognized agronomist for his leading work in developing the concept of soil quality. His research has focused on transferring basic sustainable soil science principles into practices that farmers can embrace to preserve the land.

Psychologist **FREDERICK FRESE** will keynote UMaine's Mental Illness Awareness Week Observance with an address, "The Stigma of Mental Illness: Coping Skills," at 7 p.m., Wednesday, Oct. 4, 101 Neville Hall. Frese is well known for his support of the mentally ill. Besides an impressive background in psychology, Frese has experienced firsthand the effects of mental illness. Thirty years ago, he was diagnosed with schizophrenia. Frese now writes for books, journals and magazines. For 15 years, he has been director of psychology at Western Reserve Psychiatric Hospital in Ohio.

## Student volunteers involved in Service Weekends in Maine

Beginning this semester, UMaine students will participate in Service Weekends, designed to provide the volunteers with opportunities to help others and to explore issues affecting Maine communities.

Service Weekends are offered by the Center for Students and Community Life.

"This program will bring together new friends who want to learn about themselves and others while doing service," according to Muffy Eastman, coordinator of student community service and volunteer programs.

"Sustainable Living" is the theme of the first Service Weekend, Sept. 22-24. Ten students will volunteer at the Common Ground Country Fair in Unity. On their return, members of the group will share their experiences with the University community in a noontime presentation Monday, Oct. 2, FFA Room, Union.

Site leader for the weekend is Patti Reidman, a wildlife ecology major; Nate Larlee, a graduate student in environmental education, is the advisor for the group.

Applications also are being accepted for Service Weekends scheduled for Oct. 20-22, Jan. 26-28 and April 20-22.

Service Weekends are modeled after the Alternative Spring Break program, now in its third year at UMaine. Service Weekend volunteers are committed to the principles of a quality Alternative Spring Break experience: education, orientation, training, diversity, direct service and reflection, all alcohol and drug free. For more information, call 581-4194. ▲

## Women veterans who served in global conflicts sought for oral history project at UMaine

It has been more than 50 years since Allied troops pushed Hitler's army out of France to win World War II. Since that time, thousands of histories have been written to tell the story.

Most of these histories focus on the generals and the major battles. Largely ignored are the stories of women who provided logistical and medical support for the men on the field.

Two UMaine historians are working to tell the stories of these veterans and are offering a course, "Women and War," this fall through the Women's Studies Program. Carol Toner, director of Maine studies, and Mazie Hough, associate director of the Women in the Curriculum and Women's Studies Program, will examine the experiences of women in World War II and the Korean War.

"It's one thing to study the war from a national or political perspective, but another to see how these events changed the lives of individual people," Toner says.

Students in the course, offered by the Division of Lifelong Learning's distance education program, are interviewing women veterans of one of the conflicts. The interviews will be part of a larger Maine Women Veterans Oral History Project, conducted by the Maine Commission on Women Veterans.

"We want to give a social history context to the war years so that students have some sense of what might have motivated women to join the military during these conflicts," says Toner.

The idea for the class came about as the result of work by Donna Loring, the Penobscot representative to the Maine Legislature and the chair of the Maine Commission on Women Veterans. An estimated 8,500 women veterans live in Maine.

In later courses and interviews, the historians hope to speak with women veterans of Vietnam and the Persian Gulf War, comparing the differences in the women's experiences in the different conflicts.

The interviews will be archived at the Maine Folklife Center.

Toner and Hough are looking for women veterans who served in any of the wars and are willing to be interviewed for this project. For more information, call the Maine Studies Program, 581-3147. ▲

### SECOND ANNUAL VINCENT A. HARTGEN AWARD

Nominations are now being accepted for the second annual Vincent A. Hartgen Award, sponsored by the UMaine Patrons of the Arts.

Deadline for nominations is Oct. 26.

The award was established last year to honor artist Vincent Hartgen, professor and curator emeritus, and a champion of the visual arts at UMaine and throughout the state. Hartgen, who established the Department of Art and Museum of Art, was the first recipient.

The Vincent A. Hartgen Award was created to honor individuals who, by their efforts, have distinguished themselves in the arts community of the University. Accomplishments could involve any or all of the following:

- ▼ Successfully encouraging greater student participation in the arts beyond normal course requirements.
- ▼ Fostering a heightened appreciation for the arts by the University community.
- ▼ Creating a program or programs that are clearly innovative and substantially raise the level of the arts on campus.

Letters of nomination should address candidates' qualifications, and describe the contributions and achievements that deserve consideration for this award.

Nominations should be sent to Rebecca Eilers, Dean, College of Liberal Arts and Sciences, 105 Stevens Hall.

## People in Perspective

Lauri Sidelko has long had a passion as big as all outdoors for including and involving people in activities.

"For me, it's all about attitude," Sidelko says. "Safety and the quality of the experience for people are important. But what counts most is having a positive attitude and having fun."

As an undergraduate, Sidelko studied therapeutic recreation and led her first outdoor trip to the Adirondacks. At the University of Minnesota, Sidelko received a master's degree in outdoor education and was on the staff of Wilderness Inquiry.

Wilderness Inquiry, where Sidelko was associate program director for four years, offers outdoor adventures to empower people of all abilities, including persons with disabilities, to push their perceived limitations and and enhance their awareness of the natural environment.

On both college campuses where she was a student, Sidelko was an active participant in campus events.

"We had department events in which I played a leadership role, but I also attended campus events that shaped my memories of my college experience and who I am today. I feel I can have a positive attitude, in part, because of that positive experience."

Sidelko joined the University of Maine community last October as the outdoor program manager for Maine Bound, which offers a wide range of outdoor courses – from hour-long training seminars to high-end adventures like technical mountaineering in Ecuador. In the last academic year, she marketed Maine Bound courses on the Web, and in brochures and the *Adventure Guide*. In addition, she coordinated the logistics of the courses and managed Maine Bound's day-to-day operations.

In August, Sidelko took an even broader view of UMaine student involvement when she was named assistant director of campus activities and events. While she continues to assist Maine Bound with its marketing efforts, Sidelko has now turned her attention to programming to meet the needs of UMaine's entire student community.

"A lot of what I did at Wilderness Inquiry was big event organization, like taking fleets of canoes to area lakes in the summer and coordinating the outdoor activities of St. Paul's week-long Winter Carnival," Sidelko says. "What peaked my interest in this job was the responsibility for coordinating many events. It also is an opportunity to bring about greater collaboration between student organizations, Greeks and departments on campus.

"I see it all as a big circle – collaboration leading to greater cooperation and camaraderie in the University community. It's what will bring the Union to life. At both schools I came from (the State University of New York at Cortland and Minnesota), we were close within our departments but all the departments also came together for campuswide festivals and picnics. Community is the final goal, with people feeling a strong sense of engagement in their university."



Lauri Sidelko

Photo by Monty Rand

At UMaine, Sidelko says she will build on student programming and campuswide initiatives already in place. Series like the TGIF music programs and film festivals will be offered throughout the academic year. Sidelko also predicts new offerings to bring more diversity to the types of entertainment on campus, such as an Improv Night to showcase student talent.

Campuswide, Sidelko is hoping to coordinate the second Au Revoir Party to ring out the first half of the semester. In addition, long-held UMaine traditions like Winter Carnival are expected to be revived. Every season should have a major event on campus, Sidelko says.

Celebrations like Winter Carnival can bring together people from the campus and surrounding communities. From first-year students and commuters to nontraditional students and alumni, all can participate in such campuswide events to build school spirit, memories and a sense of pride in the institution.

Sidelko's Event Services office is located in the Union with the office for Organization and Leadership Development, both units of the Center for Students and Community Life. Here, students and their organizations can get assistance planning and promoting events and activities. The open door policy of the two offices allows students with good ideas and little resources to walk in and get assistance.

"If people want to see a particular event come to campus but feel there are too many barriers, I can help. I don't believe in barriers," she says.

The goal is to "build a community of students that has a holistic view of social life."

### UMaine TODAY

UMaine Today is a daily overview of news coverage related to UMaine, along with other items of interest to the University community. Created by the Department of Public Affairs, UMaine Today is available via:

- ▼ Listserv (e-mail [joe\\_carr@umit.maine.edu](mailto:joe_carr@umit.maine.edu) to subscribe)
- ▼ UMaine Today on FirstClass
- ▼ On the web: [www.umaine.edu/umainetoday/](http://www.umaine.edu/umainetoday/)

### Ride The Bus with your MaineCard

A new one-year pilot project will allow anyone with a valid MaineCard to ride The Bus by displaying that card, rather than paying a cash fare. The program applies to the Orono/Old Town/Veazie routes, along with the route from UMaine to downtown Bangor. The Bus, with wheelchair-accessible vehicles and bicycle racks, stops in front of the Maine Center for the Arts every hour Monday-Friday and every other hour Saturdays. Schedules are available at the Union Information Center or on the Web ([www.bangorbus.org/](http://www.bangorbus.org/)). For more information contact the Center for Students and Community Life, 581-1405.

## The price of phosphorous

The practice of spreading sewage sludge on agricultural land is not new. Like other animal manures, sewage sludges are nutrient-rich and it has been long known that their use can greatly enhance crop production by improving soil fertility.

In the past quarter-century, using this organic waste to grow food has raised public concern about possible environmental contamination with heavy metals. These potentially hazardous trace elements were often found at elevated levels in sludge until environmental laws required industries to pretreat their own wastewater before discharging it into public sewer systems. As a result of these laws, modern sludges are much cleaner than those of previous years.

With trace metals much lower, a more modern concern is the amount of phosphorous in sewage sludge, says UMaine graduate student Matt Montgomery.

"Knowing more about phosphorous in organic wastes used to fertilize crops and how this phosphorous behaves in soil makes it easier for people to maintain both crop production and clean watersheds," says Montgomery, who will complete his graduate work in December.

"Phosphorous is a vital nutrient for crop production, but it can also impair water quality by causing algae blooms."

In his graduate research in plant, soil and environmental sciences, Montgomery is studying how phosphorous contained in different organic materials used to fertilize crops – sewage sludges and animal manures – cycle in the agricultural soils of Maine. It is important to know how phosphorous chemically behaves to determine how much is needed and how likely it is to be used by plants within a growing season. Excess phosphorous in soil quickly changes into forms unusable by plants. When washed into a stream or river after a storm, the same phosphorous can change back into a usable form.

Working largely in the lab or greenhouse with soil and samples of sewage sludge or animal manure, Montgomery used various chemical extractions and biological uptake to determine the bioavailability of the phosphorous they contain. He also evaluated how sludge stabilized by three processes – lime stabilization, anaerobic digestion and composting – influenced nutrient and trace metal availability. Little is known about how these stabilization processes affect soil phosphorous cycling dynamics.

"There is a limited amount of biologically usable phosphorous on the planet," says Montgomery, who studied sustainable agriculture and biology as an undergraduate, and received a bachelor's degree in natural history from the University of Montana - Missoula in 1996. "If it is being flushed down our drains into the ocean, incinerated or dumped into landfills, not only do we pollute our water and air, we are losing a valuable non-renewable resource."

This summer, Montgomery had an internship with White Mountain Resource Management in Belfast, an organic waste recycling company. Montgomery conducted soil sampling and educational outreach with area farmers, in addition to designing a land application trial with a seaweed waste material.

"In the past, the dogma was that organic waste could be applied (beneficially), based on the perceived ability of the land to assimilate nitrogen," Montgomery says. "As a result, it was applied in excessive quantities – more than could be used in the ecosystems. Maryland was the first state to legislate that the phosphorous content in both sludge and the ecosystem be considered before the use of any residuals."



Matt Montgomery

Phosphorous removal is often the primary goal of wastewater treatment. As a result, municipal sewage sludge tends to be especially rich in the nutrient and land application, the most economically viable means of disposal for communities.

Organic waste used as fertilizer is valuable because it not only provides phosphorous but other nutrients for the soil. It is estimated that only 20 percent of the phosphorous contained in inorganic fertilizer ends up in plants in the fields. In addition, organic waste has the potential to slowly release phosphorous, lengthening the window for effective uptake by plants.

However, phosphorous is being applied at rates greater than plants can use the nutrient. The result is that phosphorous is accumulating in agricultural sites or being lost entirely when washed into watersheds.

"Recycling these sorts of organic residuals for their valuable agro-nutrient content through food production is an appropriate technology for any agriculturally based society," Montgomery notes in his research.

"The demand for these materials as an appropriate replacement for inorganic fertilizers must increase in order to promote nutrient recycling pathways and offset regional imbalances in nutrient distribution. They need to be perceived as a resource worthy of conserving and not as a waste to be disposed of." ▲

## Faces Behind the Places



history. Chadbourne also wrote widely.

Ava Chadbourne graduated from the University in 1915 with a bachelor's degree in education and a master's in 1918. Her Ph.D. came from Columbia University in 1928. Her doctoral thesis: "The Beginnings of Education in Maine," reflected her lifelong interest in the state's educational progress. She began her work with 4-H clubs and later taught a quarter-century in the College of Education until 1942. An excellent historian, she supervised many graduate degrees, including a number of published theses on the state's educational



Clarence Bennett, who received a Ph.D. from Brown University in 1930, was a member of the University of Maine Physics Department from 1934-70, serving as chair for 30 years. He was instrumental in establishing the degree of engineering physics, giving the University of Maine one of the first such accredited degrees in the country. The author of four physics books, he was a fellow of the American Association for the Advancement of Science and the American Physical Society. He died in 1990.



### New agricultural systems

At Disney World's Epcot Center, vegetable plants grow without soil while electronic sensors monitor their vital signs.

Ben Lagasse, a junior in Bio-Resource Engineering (BRE), spent the first six months of 2000 helping run this high-tech agricultural showcase and explaining to visitors

how it may point the way toward new agricultural systems.

The biological/agricultural engineering internship has raised his interest in food production technology, especially where it may be used in special circumstances, such as space travel. Lagasse intends to apply for an internship in 2001 with the National Aeronautics and Space Administration (NASA) to work on food production systems for the space program.

During the previous two summers, the Hampden Academy graduate worked on blueberry research projects with Darrell Donahue, associate professor of bio-resource and forest engineering.

At Disney, Lagasse's responsibilities included a daily check of the computer database in which sensor readings are maintained, troubleshooting any sensors that appeared to be faulty and hour-long guided tours around the six-acre complex dubbed "The Land."

He helped devise a new irrigation control system with a programmable logic controller that opened and closed valves automatically, depending on how much weight plants gained or lost daily.

His engineering expertise also was called upon during maintenance checks in two other parts of Epcot.

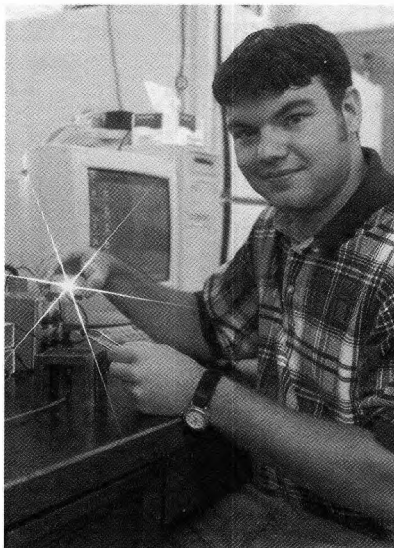
"The theme of Epcot as a whole is discovery, and 'The Land' was designed to show people new ways of growing plants. All the plants were grown hydroponically. There is a show greenhouse that includes an exhibit on growing plants in space," he says.

Plants are supported on strings, says Lagasse, while their roots extend into rock wool that is constantly soaked with a nutrient-rich solution.

The exhibits are more than just a show. Some of the technology is already being used in commercial production. The greenhouses produce tomatoes, cucumbers, eggplants, peppers and other vegetables that are served in the restaurants at Epcot.

Lagasse was one of 14 other interns from universities around the country. Their expertise ranged from agriculture to biotechnology. Lagasse was the only intern with a background in engineering.

"This technology will be adopted slowly, as we need to grow more plants in less space," he says. That's the huge advantage, but it's more expensive." ▲



Ben Lagasse

Photo by Monty Rand

### Girls' friendships the focus of yearlong research at UMaine by AAUW Scholar in Residence

Complicated, self-destructive power struggles in girls' friendships will be the focus of research at UMaine this academic year by an American Association of University Women (AAUW) Educational Foundation Scholar in Residence, Lyn Mikel Brown.

The research, being conducted in collaboration with the Women's Resource Center (WRC), will lead to a new book on the ways girls' subordination within the culture affects their relationships with each other.

"This research project will develop a more complex discussion about girls and their relationships," says Sharon Barker, WRC director.

"Girls have a greater capacity within their friendships that is not being realized because of negative undercurrents in which they grow up. In a society in which men are more valued, girls play out their power struggles among themselves. However, the problem is not simply women versus men but the social system that is counter-productive to both women and men."

The project will not be a negative description of how girls ages 6-18 can be bad to each other, Barker says. Instead, it will be an attempt to better understand how to help girls learn to support each other and feel better about themselves. Just as important, adult allies must learn to recognize and intervene in the frustrations and silencing effected by subordination that plays out in girls' friendships.

The \$48,000 University Scholar-in-Residence Award by the AAUW Educational Foundation is the first national grant for the Women's Resource Center. The University of Maine and the University of Arizona were the two recipients of 2000-01 AAUW University Scholar-in-Residence Awards. The program is now in its second year.

The AAUW Educational Foundation, one of the largest private sources of funding for graduate women in the world, supports aspiring scholars around the globe – teachers and activists in local communities, women at critical stages of their careers, and those pursuing professions where women are underrepresented.

The UMaine award dovetails into AAUW's interest in gender equity in education and its research through the years, beginning with the foundation's 1992 *AAUW Report: How Schools Shortchange Girls*, which brought to the fore concerns about girls' diminishing sense of self-worth as they approach adolescence.

Most research concerning gender equity for adolescent girls focuses on the structural and institutional inequities girls face in the classroom and on school grounds. Brown's hypothesis is that the exclusions, surveillance, rejection and forms of relational aggression found in girls' friendships and peer relationships are testament to the anxieties and fears girls experience as they negotiate the cultural contradictions that both idealize and exploit the sexuality of young women, while assigning them roles that are clearly less valued than male roles.

Throughout her career, Brown's research has focused on girls' psychological development and education; the psychology of women; and gender equity in the classroom. An associate professor of education and human development and women's studies at Colby College, Brown is the author of *Raising Their Voices: The Politics of Girls' Anger and Meeting at the Crossroads: Women's Psychology and Girls' Development*, both published by Harvard University Press. *continued on page 10*

## Looking into the digital future with New Media

**S**cott Bosse has been pushing the edges of the envelope since his first semester at the University of Maine.

The journalism major from Turner is one of a growing number of UMaine students exploring and using New Media – the integration of traditional media, such as images, music and text, with emerging computer technologies, such as networks, databases and interactivity to package and disseminate information.

Now as a senior, Bosse is looking ahead to a career in broadcasting. Internet broadcasting.

“I put the hardware together and helped create my high school’s first Web page,” says Bosse, a graduate of Leavitt Area High School. “I learned a lot of it on my own. When I got to the University, besides a lot of technology that was available, there were human resources. A lot of people I could learn from. I was kind of a techie and (until then) didn’t really have any sense of design, issues of end-users, communicating with clients and the collaboration process that goes into doing New Media projects.”

Whether providing technical support for a student’s digital animation project or helping design Web components for use in chemistry classes, New Media projects Bosse works on have real-world applications. The experience also helps his portfolio and gives him career options, he says. And it’s rewarding.

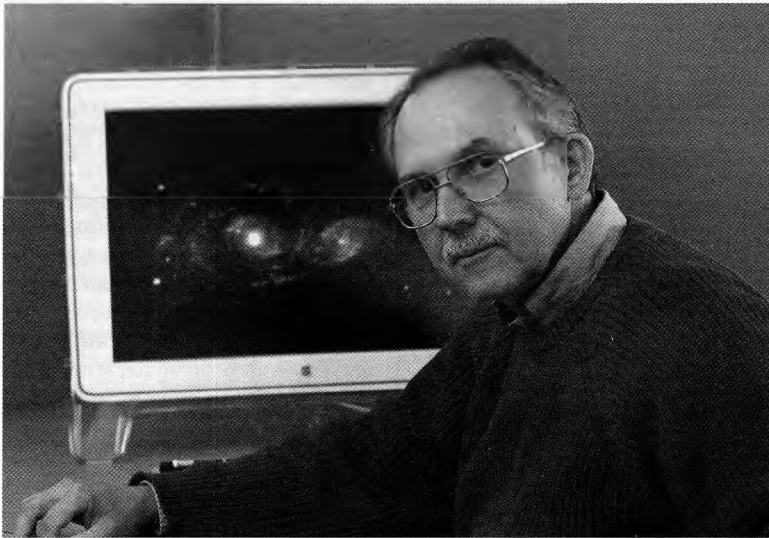
“In New Media, you can find solutions to problems in software development or programming that no one else has,” he says. “You can find uses (and combinations) of technology that better our everyday lives.”

New Media is the interface between the individual and technology. Students like Bosse learning New Media will be the designers of the information age – and central to the digital future.

At the University of Maine, students can minor in New Media studies or earn a bachelor’s degree in Interdisciplinary Studies, with much of their coursework in New Media. A major in New Media Studies is expected to be available in the near future.

New Media students study both the theory and practice of the multimedia technologies, applying what they learn to express creativity, teach and communicate information. In addition to the skills needed to use the technology, students gain a broad liberal arts education to understand the society in which they publish, according to Bill Kuykendall, director of UMaine’s New Media Studies program. They also develop the leadership skills to work in a highly integrated society in which they will be challenged to contribute in meaningful ways.

“Our students are learning to create products but, more important, they are learning to create a culture of collaborative, imaginative and innovative teams,” says Kuykendall, Libra Professor



Bill Kuykendall

Photo by Monty Rand

of Interdisciplinary Studies. “Already, many who have graduated from this program have moved into excellent positions where they are well positioned to become leaders in New Media in Maine and elsewhere.”

A strength of UMaine’s New Media Studies program is its interdisciplinary focus. Students take creative courses in writing, photography, digital art and/or music; applied courses in such areas as graphic and electronic design, technical writing and Web design; technical

courses in computer science, recording arts, broadcast digital video and programming; and theory and history courses, examining the history of technology, communication ethics, media theory and the psychology of perception.

The New Media classroom in Lord Hall is equipped with high-end, state-of-the-art equipment. Advanced students also have access to a powerful campus resource, The New Media and Internet Technologies Laboratory, formerly known as ASAP Media Services. Such an upper-end student design and production lab is an essential component of a credible New Media Program, Kuykendall says.

“Students must gain significant real-world experience while in school through formal and supplementary learning like internships,” says Kuykendall. “On campus, the New Media and Internet Technologies Laboratory is critical to providing a high-level experience for UMaine students.”

Kuykendall joined the University community last year to teach photojournalism courses in the Department of Communication and Journalism. Since 1970, he has been a newspaper, magazine and corporate photographer and photo editor. For most of the past 14 years, he has led the photojournalism sequence at the Missouri School of Journalism at the University of Missouri-Columbia (MU), and has directed the annual Missouri Photojournalism Workshop and MUNational Press Photographers Association Pictures of the Year Competition. He continues to advise newspapers on picture usage and newsroom leadership.

A hallmark of Kuykendall’s career is his knack for “coming in on the ground floor” – not only witnessing but actively participating in contemporary sea changes in journalism and the newspaper industry. In the early ‘70s when Kuykendall started in newspapers, the shift in the industry to cold type and offset printing allowed for bolder, more visual layouts and greater involvement by photographers and designers. In the early ‘80s, Kuykendall was recruited by the *Seattle Times* to help that newspaper implement a more democratic newsroom in which photographers and photo editors were assigned senior leadership roles.

*continued on page 14*

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## Intelligent transportation

Bumper-to-bumper traffic, congested parking lots and pollution from cars and trucks affect parks from Acadia to Yosemite. But with the help of faculty and students in the Parks, Recreation and Tourism (PRT) Program, a solution may be in sight.

A UMaine team led by John Daigle, assistant professor of parks, recreation and tourism, will help evaluate a field test of an experimental Intelligent Transportation System (ITS) designed to address traffic problems at Acadia. Planners from the National Park Service and the U.S. Department of Transportation recently selected Acadia as the only park to test a system that uses electronic sensors, two-way communications and geographic information system technologies to reduce traffic problems.

The project is one of several ongoing research efforts in the PRT program, which has doubled undergraduate enrollment in the last few years. A total of 80 students are pursuing the undergraduate major this fall. Daigle and Will LaPage also advise six master's and Ph.D. students.

In 1999, Daigle and Raleigh Ehrlenbach of Trenton, a master's student, evaluated user satisfaction with the new Island Explorer bus service on Mt. Desert Island. That service has been expanded with nine new buses this summer and will be augmented with signs that use real-time data to alert riders to bus arrival times at popular destinations.

When complete next summer, the new ITS system will provide the public and park staff with information about bus ridership, congestion in parking lots, and the number of vehicles entering and exiting the park. Travel information will be available on the Internet for people planning trips to Acadia.

Public safety also will be improved by automatically providing dispatchers with information about the location of park rangers.

Daigle will work with two graduate students, Mark Edwards of Bangor and Rea Brennan of Carbondale, Ill., as well as undergraduates, to measure visitor satisfaction with the transportation improvements. They will survey Island Explorer riders as well as people at the park visitor center and stakeholders, such as local businesses, Down East Transportation staff and Acadia National Park staff.

The evaluation process began last May with a meeting among municipal representatives, park officials, U.S. DOT, Friends of Acadia, Down East Transportation and the evaluators. The Battelle Memorial Institute, a research think-tank headquartered in Columbus, Ohio, will coordinate the evaluation. ▲

## Pour, stretch, roll and clamp

A student engineering team applied wet sheets of fiber-reinforced polymer (FRP) to a laminated wood deck in late August at the Advanced Engineered Wood Composites (AEWC) Center. The experimental deck is headed for Milbridge, where it will serve as a commercial fishing pier on the Narraguagus River.

FRP offers the promise of high strength for a lower total cost than traditional construction, according to Melanie Bragdon of



Bangor, a master's student in charge of the project. Without FRP, the wood decking would have required beams several inches thicker to meet the same standards.

For the project, each glulam section was 21.5 feet long, 4 feet wide and 10.5 inches thick. The FRP resin was prepared and then poured into a 60-inch impregnator that adds resin to glass fiber fabric. Three layers of the fabric were then stretched and smoothed over deck sections.

The Federal Highway Administration and the Maine Department of Transportation provided \$185,000 for the project.

The purpose of the project is to demonstrate FRP surface coating technology and monitor its performance in Maine, says Habib Dagher, AEWG director.

AEWC received a separate grant earlier this year to study and develop construction standards for FRP/glulamated materials in highway bridges. ▲



AEWC's Milbridge pier project

Photo by Monty Rand

## AAUW Scholar in Residence *continued from page 8*

For more than a decade, Brown was part of the Harvard Project on Women's Psychology and Girls' Development, an extensive research collaborative that analyzed relational and moral voice. As part of her research this year, Brown will re-analyze the extensive archive of interview data from the project, this time to study girls' understandings of their friendships.

When not at Harvard University, Brown will be on campus participating in weekly seminars with UMaine faculty and other members of the University community who are involved in related research. In the spring, Brown will lead a graduate seminar on research relating to adolescent girls. WRC will coordinate the seminars, and will connect Brown with the statewide network of gender equity programs and practitioners.

A conference Oct. 27 at UMaine's Hutchinson Center in Belfast, co-sponsored by WRC and Mainely Girls, will bring together adults and girls from many of Maine's growing network of distinct girls projects that address gender equity issues and offer adults strategies for working with girls.

By January, Brown is expected to draft the introductory chapter of her book, tentatively titled *Girlfighting: Betrayal, Teasing and Rejection Among Girls*. In subsequent chapters, Brown will explore the friendship and peer issues girls confront throughout childhood, and in early and middle adolescence.

"We need to give girls the support to act confident and self-assured, to not play to someone else's values or standards, even if such actions are not perceived as cool or popular," says Barker. "When they do that, they will be swimming against the tide." ▲

Alumna **Wendy Copson** and **Daniel Sandweiss**, associate professor of anthropology and Quaternary studies: "Native and Spanish Perspectives on the 1578 El Niño," *The Entangled Past: Integrating History and Archaeology*, ed. by M. Boyd, J.C. Erwin, and M. Hendrickson, proceedings of the 30th Annual Chacmoel Conference, Calgary, Alberta: The

Archaeological Association of the University of Calgary, pp. 208-20. (1999, released 2000).

**Ivan Fernandez**, chair and professor of soil science, along with Jeffrey Simmons, West Virginia Wesleyan University and Russell Briggs, SUNY-Syracuse: "Indices of Forest Floor Nitrogen Status Along a Regional Climate Gradient in Maine," *USA in Forest Ecology and Management*, 134:177-87 (2000).

**Sandra Sigmon**, associate professor of psychology, with graduate students **D.M. Dorhofer**, **K.J. Rohan**, **L.A. Hotovy**, **N.E. Boulard** and **C.M. Fink**: "Psychophysiological, Somatic and Affective Changes Across the Menstrual Cycle in Women with Panic Disorder," *Journal of Consulting and Clinical Psychology*, 68:425-31 (2000). In addition, Rohan and Sigmon: "Seasonal Mood Patterns in a Northeastern College Sample," *Journal of Affective Disorders*, 59:85-96.

**Jeffrey Wilhelm**, associate professor of literacy, lead chapter: "When Reading Is Stupid: The Why, How, and What to Do About It," *A Middle Mosaic: A Celebration of Reading, Writing, and Reflective Practice at the Middle Level*, edited by Elizabeth Close and Katherine Ramsey, National Council of Teachers of English (2000).

**Sydney Thomas**, associate professor of counselor education: "So Much Has Happened," *Poets Process* (Excel-Carmel, New York), a poetry collection chapbook written by members of the National Poetry Therapy Association (April 2000).

**Bob Strong**, professor of finance, and **John Buoncristiani**, formerly of the Math Department: "Wall Street Profits, Arbitrage, and the Pricing of Stock Options," *Chance*, a magazine of the American Statistical Association, 13(2).

**James Troiano**, professor of Spanish: "The Influence of Pirandello in Latin America," *PSA*, the official publication of the Pirandello Society of America, XIV:38-49.

**Donglin Zhang**, assistant professor in landscape horticulture, with Michael Dirr and Robert Price at the University of Georgia: "Discrimination and Genetic Diversity of *Cephalotaxus* Accessions Using AFLP Markers," *Journal of the American Society for Horticultural Science*, 125(4):404-12 (2000).

**John Moring**, professor of zoology, Department of Biological Sciences: "The Role of Hatchery Fish: A Maine View," *The Maine Sportsman*, pp. 72-4 (July 2000).

**John Peckenhams**, Senior Research Scientist, Water Research Institute: "Methyl tert-Butyl Ether (MTBE) in Ground Water, Air, and Precipitation at North Windham, Maine," U.S. Geological Survey, *Water-Resources Investigations Report*, 00-4048.

**Ed Brazee**, "Collaborating on Curriculum: Why It Matters, How It Works," *Middle Ground: The Magazine of Middle Level Education*, 4(1) (August 2000).

**Michele Alexander**, assistant professor of social psychology, and W. Wood: "Women, Men, and Positive Emotions," a book chapter in A. Fischer's *Gender and Emotion*, Cambridge University Press (2000).

**Mark Anderson**, coordinator, Natural Resources Program: "Images of Nineteenth Century Farming in the Prose and Poetry of R.P.T. Coffin and C.A. Stephens," which originally appeared in *Agricultural History* (63(2)), has been reprinted in *Twentieth Century Literary Criticism*, 95:19-23.

### Acheson in *Chronicle of Higher Education*

The Aug. 18 issue of *The Chronicle of Higher Education* includes an article, "Researchers Reach Out to 'Stakeholders' in Studies," about environmental researchers who seek advice from citizens affected by their studies. The article describes Anthropology and Marine Sciences Professor James Acheson's studies of self-regulation in the lobster industry.

### Evans and Friedlander in *Lingua Franca*

A feature article in the September issue of *Lingua Franca: The Review of Academic Life* cites Assistant Professors of English Steve Evans and Benjamin Friedlander. The nine-page article, "Verse Vs. Verse," by Andrew Epstein, examines the impact of Language Poetry, a recent avant-garde movement, upon the American literary academy. Epstein notes Friedlander's association with the innovative Poetics Program at SUNY Buffalo, where he took his Ph.D., and describes Evans as "an advocate of the poetry of a new generation nipping at Language Poetry's heels."

### Wiersma tapped by *Boston Globe*

College of Natural Sciences, Forestry, and Agriculture Dean Bruce Wiersma was interviewed Aug. 23 by a *Boston Globe* reporter working on stories about issues related to the future of Maine's forests.

### Milardo in *Daytona Beach News-Journal*

Robert Milardo, professor of human development and editor of the national *Journal of Marriage and the Family*, is cited in *Daytona Beach News-Journal* Aug. 29 as an expert resource in an on-going story about a controversial child abuse, murder-for-hire case.

### Lopez-Anido and Woods in *Newslink*

Research by Roberto Lopez-Anido, assistant professor of civil engineering in the Advance Engineered Wood Composites Center, and graduate student Keith Woods are featured in the July-August issue of *Newslink*, published by the Federal Laboratory Consortium for Technology Transfer. Lopez-Anido and Woods have worked with the Army Cold Regions Research and Engineering Lab to evaluate the performance of fiber-reinforced polymer deck systems for bridges under cold temperatures.

### Alumna the subject of *Boston Globe Magazine* cover story

The Aug. 27 *Boston Globe Magazine* included a cover story about UMaine graduate Heather Blease, the president and CEO of EnvisioNet, a Maine-based Internet service company. Describing Blease as "the golden girl of the new Maine economy," the story points out that "when she graduated (from UMaine) in 1985, she was the only woman in her class to earn a degree in electrical engineering." Blease was the featured speaker at UMaine's annual fall convocation Sept. 3.

### Mahmood on the BBC

Cynthia Mahmood was on BBC 3 last month discussing "Sainthood and Martyrdom."

## Book Ends

### New & Noteworthy at the University Bookstore

#### New Fall Titles

**Emotionally Weird**, a new novel by Kate Atkinson, the author of *Behind the Scenes at the Museum*, is an exploration of the nonsensical power of language and meaning. This comic narrative is a magical masterpiece.

**The Inextinguishable Symphony** by Martin Goldsmith is a true story of music and love set amid the growing tyranny of Germany's Third Reich. A riveting and emotional tale of two courageous Jewish musicians who struggled to perform under unimaginable circumstances and who found that love endures even the harshest of circumstances.

**Open House**, Elizabeth Berg's latest novel, is about a woman who re-creates her life after divorce by opening up her house and her heart.

**Meetings of the Mind** by David Damrosch, gives a vivid portrait of academic life in the '90s as seen through the relationship of four academics who meet throughout the decade to debate the future of the academy. Complete with cameo appearances by well-known theorists, this book is full of comic moments and hilarious exchanges. Very entertaining.

**A&R** by Bill Flanagan is a funny novel about the music business and the ideals so easily lost when one loses sight of the music in pursuit of the business.

### Extension fact sheets on the Web

University of Maine Cooperative Extension now offers more than 200 free printable fact sheets on its Web site ([www.umext.maine.edu](http://www.umext.maine.edu)) on many topics such as gardening, nutrition, food safety, livestock, parenting and small business. Traditional printed publications also can be ordered directly on the Web site. There are currently more than 600 titles from which to choose. For more information, contact the Communications Office at University of Maine Cooperative Extension, 581-3269 or 1-800-287-0274.

**Sandra Sigmon**, associate professor of psychology, presented a paper at the International Congress of Psychology, Stockholm, July 25. The paper: "Psychological Treatments of Seasonal Affective Disorder," with graduate students **Kelly Rhoan**, **Peter Trask** and **Lisa Hotovy**.

**Michele Alexander**, assistant professor of social psychology, presented the following papers this summer: "Intergroup Images and Incidental Arousal: A Functional Theory of Outgroup Stereotypes," Maine Psychology Association, Colby College; "Outgroup Images and Behavior Justification: Understanding Black-White Relations," Society for the Psychological Study of Social Issues, University of Minnesota; "National Identities as Group Identities: Social Psychological Perspectives on Social Identification" and "International Relations Image Theory Applied to Domestic Ethnic Politics," International Society for Political Psychology, Seattle. In addition, Alexander chaired a symposium, "Functional Perspectives of Intergroup Behavior: Examining the 'Whys' of Prejudice, Stereotypes, and Discrimination," Society for the Psychological Study of Social Issues, University of Minnesota.

**Marc Baranowski**, associate professor of human development, was recently elected to the board of directors of the Groves Conference on Marriage and the Family. Founded in 1934, Groves is the world's oldest ongoing international organization dedicated to the scholarly study of the family. Baranowski also will serve on the program planning committee for the 2003 conference in Havana.

Aug. 23, **Dan Sandweiss**, associate professor of anthropology and Quaternary studies, lectured on "Las Pirámides de Túcume: Arqueología del Valle de Lambayeque" to the Postgraduate Program in Andean Studies of the Centro Bartolomé de las Casas, Cuzco, Peru.

**Stellos Tavantzis**, professor of plant pathology, visited with research collaborators at the Centro Nacional de Biotecnología, Madrid, July 15-21, and gave an invited seminar, "Double-stranded RNA Associated Hypovirulence in the Plant Pathogenic Basidiomycete *Rhizoctonia solani*."

Professor **Dennis Cox**, Music, composer and conductor Linda Spevacek of Tempe, Ariz., and Deen Iseminger of Belmont College, Nashville, were choral clinicians for the Chicago Heritage Music Festival, May 12-14. On May 20-21, Cox, Jocelyn Jensen of the University of Nevada-Las Vegas, and Ed Thompson of the University of Utah were choral clinicians for the Heritage Music Festival, Fullerton College, Calif.

**Judith Dunlop**, assistant professor, School of Social Work, presented a paper with Rosemary Cassano, associate professor, School of Social Work, University of Windsor, "Balancing Work and Family: Participatory Action Research with South Asian Immigrant Women," at the National Conference of the Social Welfare Action Alliance, June 25, Michigan State University, East Lansing.

**Amy Fried**, assistant professor of political science, presented a paper, "Reading Tocqueville in Political Science: From Group Conflict and Consensus to Individual Social Capital," (with David Schultz) at the American Political Science Association Annual Meeting, Aug. 31-Sept. 3, Washington, D.C. At the same meeting, Fried served as chair and discussant on a panel on Covering Social Policy.

Selections from *Simple Songs* by composer **Beth Wiemann**, assistant professor of music, were performed this summer at the Monadnock Festival in New Hampshire, and at the Grachtenfestival 2000 in Amsterdam. This latter performance by soprano Susan Narucki was recorded and broadcast over Netherlands Radio. Also, Wiemann's new work *Among the Cats of Zanzibar*, commissioned by Professor **Stuart Marrs**, was premiered by Marrs and UMaine alumni at the Bar Harbor Music Festival in July.

**Liz DePoy**, professor of social work, and coordinator of research and evaluation at the Center for Community Inclusion, and **Lynn Gitlow**, former CCI assistant research professor, attended the Rehabilitation International conference in Rio de Janeiro, Aug. 26-29. They presented a paper, "Outreach - Promoting Higher Education for Students with Disabilities," discussing two innovative outreach efforts and subsequent evaluation, designed to recruit students with disabilities into baccalaureate education.

**Dave Marcinkowski**, Extension dairy specialist, and **Martin Stokes**, professor of biosystems science and engineering, attended the Joint National Meetings of the American Dairy Science Association and the American Society of Animal Science, Baltimore, July 24-28. Stokes also spent four days at the Department of Animal Science, Rutgers University, editing Web teaching materials, some of which will be linked to his UMaine Web-based class in animal nutrition.

Researchers of the National Center for Geographic Information and Analysis (NCGIA) and the Department of Spatial Information Science and Engineering attended the Third Symposium of the National Imagery and Mapping Agency's Research University Initiative, Reston, Va., July 18-19. **Max Egenhofer**, NCGIA director, professor in Spatial Information Science and Engineering, and cooperating professor in Computer Science, presented "Similarity Assessments Based on Spatial Relations and Attributes." **Kate Beard**, chair and associate professor in Spatial Information Science and Engineering, presented "Spatio-Temporal Models for Integrated Information Management," co-authored by **Peggy Agouris**, assistant professor in Spatial Information Science and Engineering and "The

Effect of Control on Reliability," co-authored by **Thomas Windholz**, graduate research assistant with NCGIA and doctoral student in Spatial Information Science and Engineering. **Kathleen Hornsby**, post-doctoral research associate with NCGIA, presented "Spatio-Temporal Panning and Zooming," co-authored by Egenhofer and **Robert Franzosa**, professor in Mathematics.

**Martin Stokes**, professor of biosystems science and engineering, attended a New England Regional Dairy Program Planning Meeting July 12 at the University of New Hampshire - Durham. Items of regional interest to producers and students were discussed, and plans were made for regional events, including a New England Regional Dairy Day to be held Nov. 4 in Burlington, Vt., and a Winter Session Traveling Course to take students from the New England land-grant campuses to visit different segments of the dairy industry in Massachusetts and New Hampshire. A New England directory of dairy and livestock producers, researchers and Extension agents is being compiled to aid the interchange of information between academia, industry and producers. Stokes also visited with New Hampshire faculty to begin planning for an animal science class he will teach asynchronously at UNH this fall.

The University of Maine was well represented by **Lucille Zeph**, director of the Center for Community Inclusion; CCI early childhood coordinator **Linda Labas**; and **Martie Kendrick**, early childhood specialist, at the Map to Inclusive Child Care National Institute, Washington, D.C., July 9-11. The Map to Inclusive Child Care Project, funded through a federal grant from the U.S. Child Care Bureau, Administration for Children and Families to the Maine Department of Human Services, provides strategic planning and technical assistance to 31 states and territories around the issues of quality, inclusive childcare for all children, including those with disabilities. Kendrick, Maine's Map Liaison, and Zeph, as well as David Stockford, state director of special services, and Deborah Twomey, both members of the Center's Consumer Advisory Committee, presented as panel members to this national audience.

#### Onsrud appointed chair of U.S. National Committee

Harlan Onsrud, professor of Spatial Information Science and Engineering, has been appointed to a three-year term as chair of the U.S. National Committee (USNC) for the Committee on Data for Science and Technology (CODATA).

Operating under guidelines from the National Research Council, CODATA is concerned with all types of quantitative data resulting from experimental measurements or observations in the natural and social sciences, and in the engineering disciplines. Working on an interdisciplinary basis, CODATA seeks to improve the quality, reliability, information and knowledge processing, management and accessibility of data of importance to science and technology.

As part of his initial responsibilities, Onsrud will lead the U.S. delegation to the 17th International CODATA Conference in Baveno, Italy in October and will lead another U.S. delegation for a U.S.-China Bilateral Data Symposium in December in Beijing, China.

### Mayewski to receive Honorary Doctorate in Stockholm

Paul Mayewski, professor in the Institute for Quaternary Studies and Department of Geological Sciences, will receive an Honorary Doctorate from Stockholm University in a ceremony Sept. 29.

The degree will be conferred by the faculty of Mathematics and Natural Sciences of Stockholm University. It will be presented in the Stockholm City Hall. A month later, Mayewski returns to the Antarctic.

Mayewski directs the newly created Climate Studies Center in the Sawyer Environmental Research Center. Before coming to UMaine this summer, he was director of the Climate Change Research Center at the University of New Hampshire.

Mayewski is internationally known for pioneering contributions to the understanding of historic changes in atmospheric chemistry and climate change through the study of ice cores. Ice core records provide the most direct, detailed and complete measure of past climate change. Scientists use them to create a base line for helping to decipher the influence of human activity on climate. Eventually, the records can help to predict future climates.

The modern era of climate is complicated by the combined influences of natural and human activities. Hence, understanding and predicting climate poses an immense challenge to scientists.

Mayewski is a member of the Explorers Club, whose 3,000 members include Sir Edmund Hillary, Robert Ballard and Sally Ride. The club bestowed its Citation of Merit on Mayewski in 1995 in recognition of his contributions to the field of climatology. He is also a fellow of the American Geophysical Union. Only 0.1 percent of AGU members are elected to fellowship annually.

A mountain in Antarctica was named for Mayewski by the Board of Geographic Names.

Mayewski has lead more than 30 expeditions to the Antarctic, Arctic, the Himalayas and the Tibetan Plateau. On his forthcoming expedition this winter, he will once again lead the International Trans-Antarctic Scientific Expedition.

The Museum of Science in Boston will follow the expedition through an exhibit at the museum, daily updates from the field team and a Web site ([www.secretsoftheice.mos.org](http://www.secretsoftheice.mos.org)).



For the second consecutive year, a team of UMaine students and their advisors ended up in the winner's circle at the annual Tour de Sol solar vehicle competition. When the race ended May 18 in Washington D.C., the Solar Black Bear, a converted Chevy S-10 pickup truck, took first in the solar-electric category. The team also entered a custom-built car, the Phantom Sol, which is powered by lead-acid batteries. That entry came in 11th in its category. More than 40 vehicles participated in the 12th annual Tour de Sol that began May 12 in New York City and ended in Washington, D.C. The race, sponsored by Northeast Sustainable Energy Association, is a showcase of alternative technology vehicles. The nine-student team was congratulated by Sen. Susan Collins in her office: seated left to right, Carl Mottran of Minot; Chris Michaud of Saco; faculty coach Paul Van Steenberghe; Richard Burt of Gorham; standing left to right, Sen. Collins; John Phillips of Vassalboro; Dave Stenzel of Orono; faculty advisor Ben Dresser; Sara Wright of Orono; Paul Melrose of Vassalboro; Bobbi Meserve of Old Town and Jacob Pelletier of North Berwick.

## We Remember

### Olga Russell

Olga Russell, professor emerita of French, died June 2 at the age of 86.

Russell earned graduate degrees at Harvard and the University of California - Berkeley, as well as diplomas from the Universities of Poitiers and Paris, the Sorbonne.

Her first book, *Etude historique et critique des Burgraves de Victor Hugo*, was published in Paris in 1962. She also is the author of *Humor in Pascal: An Examination of the Comic Humor of the French Philosopher Pascal*.

Russell taught French from 1966-78.

After her death, two students who graduated from UMaine in the late '70s shared their thoughts on their former teacher:

"Never had I learned from such a masterful teacher," said one of the former students. "No one could have prepared me better for teaching in Africa as a Peace Corps volunteer."

The second student describes Russell as an icon – "the one teacher in all of my schooling who had a direct and demonstrable impact on the course of my life." Nearly 30 years after being in Russell's class, the former student noted: "I have lost most of the French she taught me, but I still carry around a well-thumbed copy of Pascal's *Les Pensees*. I can not conjugate even the simplest French verb, but I remember every lesson she taught me on the subject of discipline. I can't remember the names of the French poets we read together, but her example of living an ethical life remains my ideal."

It was Russell's "off-axis approach to life" that made her so memorable, said her former student. "She once told me, 'Don't whine. No one has a right to your pain but you.' She also taught me that there is no learning without discipline. (And) always ask of people more than you think they can do; always ask of yourself more than you think you can do."

### Rex Pyles

L. Rex Pyles, retired assistant professor of Russian, died Aug. 27 at the age of 63.

Pyles earned a bachelor's degree in Russian language and literature from the University of Miami, and a graduate degree in Slavic linguistics from the University of Michigan.

He had a 35-year teaching career at UMaine. Through those years, thousands of students came to know Pyles as a teacher and friend who made a difference in their lives and education. Years after graduating and leaving the University, alumni continued to express their love and respect for the professor who was such a positive influence on their young lives.

Pyles is described by his colleagues in the Department of Modern Languages and Classics as "a positive force among us." Whatever he undertook – in teaching, in his daily life, in his long- and short-term interaction with his students, in his community – Pyles demonstrated honesty and compassion, fairness and open-mindedness, innovation and intelligence. An enthusiastic teacher, Pyles was always filled with a sense of awe in facing the daunting responsibility he felt to touch the lives and expand the horizons of those young people in his classroom.

Pyles is remembered as always willing to give a hand when needed, be it in his own field of Slavic Studies and linguistics or in support of others.

## Directory Changes

Julie Jones, Department of Sociology, 210 Fernald Hall. 581-2380. [jjones@maine.edu](mailto:jjones@maine.edu)

## **Infant health** *continued from page 2*

Researchers will use that information to develop new early detection techniques for conditions ranging from autism and deafness to stuttering, language and conduct impairments.

Oller will guide the University-based program. It does not replace existing infant diagnostic services that will continue to be provided by education and healthcare personnel in public and private facilities.

"We envision creating a national model of rural healthcare delivery for infants and children," Oller says. "The child development field has just exploded with new information in the last decade, and this will help us understand the factors that can predict what's down the road for infants at risk. Maine children will benefit from earlier diagnosis and treatment of conditions that can affect their development and ability to learn," he says.

Both of Maine's U.S. senators have advocated for the program. "In the last several years, scientists have begun to emphasize the importance of detecting hearing impairment in the first year of a child's life," said Sen. Olympia Snowe.

"Without early diagnosis and intervention, these children are behind the learning curve before they have even started. They should not be denied a strong start in life simply for lack of a simple screening test. We owe every child a strong start on that future by ensuring that, if they have a hearing impairment, it is diagnosed and treatment started well before their first year of life is completed. As a supporter of initiatives to ensure this service for all children, I am pleased that the University of Maine has taken the lead on this issue in Maine," she adds.

"The ability to hear is a major element of a child's ability to read and communicate," says U.S. Sen. Susan Collins. "To the extent that we can help infants and small children overcome disabilities detected early in life, we will improve their ability to function in society, receive an education, obtain meaningful employment, and enjoy a better quality of life. I'm gratified that my efforts in the Senate helped secure funding for this most worthwhile program."

In his research, Oller has identified sound patterns that babies commonly make during the first year of life. The patterns are remarkably similar across cultures, he has found, and may be linked to important factors in human development. Oller has shown that babies who deviate from the normal patterns are at higher risk for deafness or mental disorders.

Early detection efforts could include a range of activities, such as well-baby visits by service agencies and telephone surveys of parents to determine how their children are developing.

The program also will include efforts to develop new diagnostic tests of all infants to determine if they are at risk for disorders as they grow. Such tests will include hearing screening that has already been shown to be useful in identifying children with developmental impairments. Using information from hospitals and other healthcare providers, UMaine will maintain the database of infants who are determined to be at risk.

Corbett Hall will be the home for the new program. Faculty, staff and students will be involved in developing and maintaining the database, which will be operated under conditions of strict confidentiality. Students also will help to conduct research with professors. Among the other faculty members who will be involved with the project are Rebecca Eilers, Peter Lafreniere and Marie Hayes, Psychology; Alan Cobo-Lewis, Interdisciplinary Studies; and Nancy Hall, Suneeti Nathani and Amy Booth, Communication Sciences and Disorders. Other departments will be engaged as the program develops.

The program will maintain strong ties to two state agencies – the Department of Education, which conducts a federally funded program known as Children's Developmental Services, and the

Department of Human Services, Bureau of Health, which oversees health-related services. The collaboration between the University of Maine and the Bureau of Health has already established a plan for implementation of the state's hearing screening program. Other efforts are being pursued jointly.

First-year goals include hiring a full-time director, establishing the database, and developing grant proposals to organizations such as the National Institutes of Health, the Centers for Disease Control and Prevention and private foundations, says Oller. ▲

## **New Media** *continued from page 9*

As an educator, Kuykendall then brought those insights into academia and helped reshape a photojournalism curriculum at the University of Missouri that prepared students to explore new technology and become leaders in newspapers, magazine and interactive publications. And when the photojournalism program needed to evolve as the industry evolved, Kuykendall looked to newspapers and magazines, and the photographic and computer industries that serve them, for the much-needed resources.

"By marketing MU's distinctive programs that link top students with professionals to create unique learning opportunities, we were able to attract funding that helped grow the academic program and professional programs without compromising quality. Today, Missouri is recognized as one of the top centers of early and mid-career photojournalism education," Kuykendall says.

"My background has always been entrepreneurial. Everywhere I've worked, I've tried to synthesize new ways of doing things by developing diverse and creative teams, and the resources required for them to function. I see myself as a facilitator and change agent, and I hope that will be my role here at UMaine. There already are many excellent faculty members who know how to teach new media. My job is to help them refine and grow the program, and integrate it into the overall life of the University and the state of Maine."

In this, his first year as director of New Media Studies, Kuykendall says he will spend the coming months learning how New Media is being used throughout the state, and how UMaine's program can complement those efforts. In addition, those on the cutting edge of New Media will be invited to campus to share their expertise. A New Media Colloquium this January will bring the leaders in this field to campus to discuss the future of New Media in Maine, and how the University can create a relevant curriculum to help in its development.

As a land-grant, UMaine has a responsibility to "shape a program that will reach out to every part of the Maine economy and culture to help build a more vital and resilient society."

"Our current program has been created largely through the imagination, idealism and personal initiative of individual faculty members," he says. "Now we must bring things into clearer focus, set priorities and develop the considerable resources that will be required if we are to serve our many constituencies. To do this, we must draw upon the best thinking of people throughout campus and the state. Our challenge is to create an agenda for curricular change that will complement the many agendas that are occurring simultaneously throughout the state in education, media, commerce and the arts."

"There is tremendous potential for UMaine's New Media Program to become the principle catalyst for innovation in New Media in Maine," Kuykendall says. "New Media as a growing industry promises to create jobs, protect the environment and improve the quality of life for the citizens of Maine. I intend to do all that I can to help that happen." ▲

# Positions Available

The following faculty and professional positions are currently available at the University of Maine. This list includes titles and contact information. Interested parties should consult either the University of Maine contact listed for each open position or Web listing ([www.umaine.edu/hr/jobs](http://www.umaine.edu/hr/jobs)) to obtain a complete job announcement, including required qualifications. All positions are full time, unless otherwise specified. Questions about search procedures should be directed to the Office of Equal Opportunity, 581-1226.

## FACULTY

**Assistant or Associate Professor, Department of Electrical and Computer Engineering.** Review Begins: 1/22/01. Contact: Send resume, names of at least three references, and a one- to two-page statement of teaching and research interests to: Faculty Search Committee, 5708 Barrows Hall, Orono, ME 04469-5708.

## PROFESSIONAL

**Technology Specialist, Maine Educational Opportunity Center.** Salary Range: \$24,000-\$27,000. Review Begins: 9/22/00. Contact: Send resume, letter of application, and names, phone numbers, and email addresses of three references to: Technology Specialist Search Committee, Maine Educational Opportunity Center, Room 314, 5713 Chadbourne Hall, Orono, ME 04469-5713. Telephone: (207) 581-3704.

**Technology Coordinator, Maine Educational Opportunity Center.** Salary Range: \$28,840-\$33,990. Review Begins: 9/22/00. Contact: Send resume, letter of application, and names, phone numbers, and email addresses of three references to: Technology Specialist Search Committee, Maine Educational Opportunity Center, Room 314, 5713 Chadbourne Hall, Orono, ME 04469-5713. Telephone: (207) 581-3704.

**Assistant Director of Student Financial Aid for Loans, Office of Student Financial Aid.** Salary Range: \$28,000-\$31,000. Review Begins: 10/2/00. Contact: Send letter of application, resume and three letters of reference to: Peggy Crawford, Director of Student Financial Aid, 5781 Wingate Hall, Orono, ME 04469-5781.

**Telecommunications Engineer/Analyst (re-advertised with modified requirements), Information Technologies.** Salary Range: \$35,000-\$45,000. Review Began: 9/16/00. Contact: Send cover letter, resume and three letters of reference to: Les Shaw, Information Technologies, 5752 Neville Hall, Orono, ME 04469-5752.

**Director, Department of Environmental Health & Safety (search extended), Vice President for Finance and Administration.** Review Begins: 10/14/00. Contact: Send letter of application, resume, and names of three professional references to: Sue Goodie, Search Coordinator, Environmental Health and Safety Search Committee, Room 118, 5703 Alumni Hall, Orono, ME 04469-5703. Telephone/voice: (207) 581-1493; Fax: (207) 581-4295.

## HONORARY DEGREE NOMINEES SOUGHT

Nominations of individuals who would be appropriate candidates for honorary degrees to be awarded at the University's May Commencement are being sought. Nominees should have accomplishments that have earned them a regional, national or international reputation. An individual must be able to attend the May 19 Commencement ceremony at which the degree is awarded.

We depend on nominators to supply adequate information about candidates. A curriculum vita or similar biographical material must be attached to the nomination form. The need is to provide the Honorary Degree Team with sufficient information about candidates to make informed recommendations to the President and Board of Trustees without alerting candidates that they are being considered.

A separate nomination form should be used for each nominee. Nomination forms are available from Wanda Legere, 200 Alumni Hall.

Consult with your colleagues about possible nominations. This is an opportunity for a department, research unit or college to celebrate the accomplishments of an outstanding individual at Commencement.

Completed nomination materials are due by Nov. 1. Submit to: Chair, Honorary Degree Team, University Events Committee, c/o President's Office, 200 Alumni Hall.

**Student Financial Aid Advisor, Office of Student Financial Aid.** Salary Range: \$24,000-\$26,000. Review Begins: 10/2/00. Contact: Send letter of application, resume and three letters of reference to: Peggy Crawford, Director of Student Financial Aid, 5781 Wingate Hall, Orono, ME 04469-5781.

**Staff Nurse, Student Health Services.** Ten-month position. Salary Range: \$33,000-\$36,000. Review Begins: 9/21/00. Contact: Send letter of interest, resume, and three references (including name, address, and telephone number) to: Cindy Perry, Student Health Services, 5721 Cutler Health Center, Orono, ME 04469-5721.

## INFORMATION ON OPENINGS FOR CLASSIFIED POSITIONS

Because most classified (hourly paid) positions are posted for brief time periods, it is not feasible to announce them in *Maine Perspective*. For updated information on current classified positions available at UMaine, call the jobs line, 581-4567, or check the Web listing ([www.umaine.edu/hr/jobs](http://www.umaine.edu/hr/jobs)). Application forms are available at: Personnel Services, 124 Corbett Hall, University of Maine, Orono, ME 04469.

*The University of Maine is an Equal Opportunity/Affirmative Action Employer. In complying with the letter and spirit of applicable laws and in pursuing its own goals of diversity, the University of Maine System shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veterans status in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Questions and complaints about discrimination in any area of the University should be directed to Evelyn Silver, Director of Equal Opportunity, The University of Maine, Room 101, 5754 North Stevens Hall, Orono, ME 04469-5754, telephone (207) 581-1226 (voice and TDD).*

## DENTAL HYGIENE SERVICES AVAILABLE

The University of Maine System offers a low-cost dental hygiene clinic to the public from September-May. All dental hygiene services are provided, including oral exams, dental cleanings, fluoride treatments, sealants, athletic mouth guards and X-rays. Services are provided by dental hygiene students under the close supervision of faculty. For more information, call the University College of Bangor Dental Health Programs, 262-7872.

## USE YOUR MAINECARD FOR COPYING

MaineCards now can be used to access the photocopiers in Fogler Library. At the Value Transfer Station (VTS), located near the main circulation desk in the library, members of the University community can deposit cash directly to their MaineCard Campus Funds Account. MaineCards will replace VendaCards previously used to access library photocopiers. This semester, the library business office will transfer existing copies from VendaCards to MaineCards.

## Andrew W. Mellon Fellowships in Humanist Studies

This year, 85 Mellon Fellowships will be awarded to promising students in humanistic studies who will begin their Ph.D. programs in fall 2001. Eligible fields include art history; classics; comparative literature; critical theory; cultural anthropology; cultural linguistics; cultural studies, including all area studies; English literature; ethnic studies; ethnomusicology; foreign language and literature; history; history and philosophy of mathematics; history and philosophy of science; humanities; interdisciplinary studies; music history and theory; philosophy; political philosophy; political theory; religion/religious studies; rhetoric; and women's studies. The Fellowship covers graduate tuition and required fees for the first academic year and includes a stipend of \$15,000. Eligible students, either seniors or college graduates who have not begun Ph.D. studies, must request applications by Dec. 7, and must submit completed applications by Dec. 19. Candidates must take the Graduate Record Examination General Test by Dec. 4. (Internet: [www.woodrow.org/mellon](http://www.woodrow.org/mellon)). For additional information, contact Doug Allen, professor of philosophy and University representative for the Mellon Fellowships in Humanistic Studies, 581-3860 or FirstClass e-mail.



## Sponsored Programs

**Environmental Protection Agency** makes grants for environmental education. Most awards are for less than \$25,000, but grants of up to \$250,000 are available for building capacity, advancing education reform, and educating the public about environmental issues specific to the community. Deadline: Nov. 15.

**National Institutes of Health** invite proposals for empirical research on the institutions, processes, and values that positively and/or negatively influence integrity in research, defining "integrity" as "adherence to rules, regulations, guidelines, and commonly accepted professional codes or norms." Letters of intent are due Nov. 17; applications, Dec. 15.

**State Justice Institute** supports innovative education, research, demonstration, and technical assistance projects to improve the administration of justice in state courts. Current interests: public confidence in the courts, dispute resolution and the courts, application of technology, substance abuse, children and families in court, the courts' response to domestic violence, the relationship between State and Federal courts, and court planning, management and finance. Deadline: Nov. 22.

**National Science Foundation's Information Technology Research Program** has been broadened to

include not only fundamental research in IT, but also new applications of IT in all scientific, engineering, and educational areas, as well as innovative infrastructure to support IT research and education. Preproposals are required for Group Projects (due Nov. 27) and for Large Projects (due Dec. 4). Small Projects require no preproposal; full proposals are due Jan. 22.

**National Oceanic and Atmospheric Administration's Ocean Remote Sensing Program** seeks research to help build national capacity for expanded and improved use of earth-orbiting satellite data and information. Current priorities relate to sustaining healthy coasts, building sustainable fisheries, recovering protected species, improving environmental forecasts, and preparing for future satellite missions. Deadline: Nov. 28.

**U.S. Institute of Peace** solicits grant applications for training activities and for research related to Asia-Pacific, the Balkans, or Post-Conflict Peace-building. Deadline: Dec. 29.

**For more information, call Research & Sponsored Programs, x1476, or visit our Website:**  
[www.ume.maine.edu/~spd/index.html](http://www.ume.maine.edu/~spd/index.html)

### Rhodes Scholarships

Faculty are asked to encourage outstanding students to contact Mac Hunter, Department of Wildlife Ecology, x2865, about opportunities for post-graduate studies at Oxford University.

### IACUC Biannual Training/Orientation

The Institutional Animal Care and Use Committee's (IACUC) fall offering of its biannual training/orientation program on the care and use of animals will be held Wednesday, Oct. 25, 3-4:30 p.m., 220 Corbett Hall (Corbett Hall is across from the Gym). People who have attended previous training sessions do not have to attend.

This campuswide training/orientation program is in compliance with federal regulation and the University's Animal Welfare Assurance. Faculty, staff and students who work with live, vertebrate, non-human animals are required to participate in the program. IACUC will not act on protocols for approval of animal use until all project personnel have been certified as having completed the training program. Contact Gayle Anderson, Office of Research and Sponsored Programs, x1498, for registration information.

### DARLING CENTER SHUTTLE

A shuttle service runs between campus and the Darling Marine Center in Walpole during the weeks when classes are scheduled and passengers are signed up. The shuttle leaves Orono from the Libby Hall parking lot at 6:45 a.m. and 4:15 p.m. The shuttle leaves the Darling Center at 7 a.m. and 4 p.m. For reservations to ride the shuttle or to transport cargo, call Rita Langille, 581-4385, by 2 p.m. the day before you wish to use this service.

### Institutional Animal Care and Use Committee

The Institutional Animal Care and Use Committee (IACUC) reminds investigators/instructors that no research, teaching or testing activities using live vertebrate animals shall be initiated until IACUC has approved a protocol for such use. Below are the meeting dates for the fall semester.

Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting. Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498.

The information is also available at the ORSP Website ([www.ume.maine.edu/~spd/index.html](http://www.ume.maine.edu/~spd/index.html)).

PLEASE NOTE: There has been some confusion about work with fish or chicken embryos. IACUC approval is required for any work involving fish or chicken embryos if a notochord is formed. This includes their use in research, teaching, or testing. The only time IACUC approval is not required for work with those embryos is when the work is conducted AND completed prior to the formation of a notochord.

IACUC meeting dates (submit protocols at least two weeks before meeting date): Sept. 26, Oct. 24, Nov. 21, Dec. 19.

## What's Ahead



**Maine Center for the Arts  
Gala with Patti LuPone  
September 23**

**College Fair 2000  
October 2-3**

**Dedication of the  
Senator George J. Mitchell  
Center for Environmental  
and Watershed Research  
October 6**

**Fall Break Begins  
October 6**

## MAINE Perspective

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