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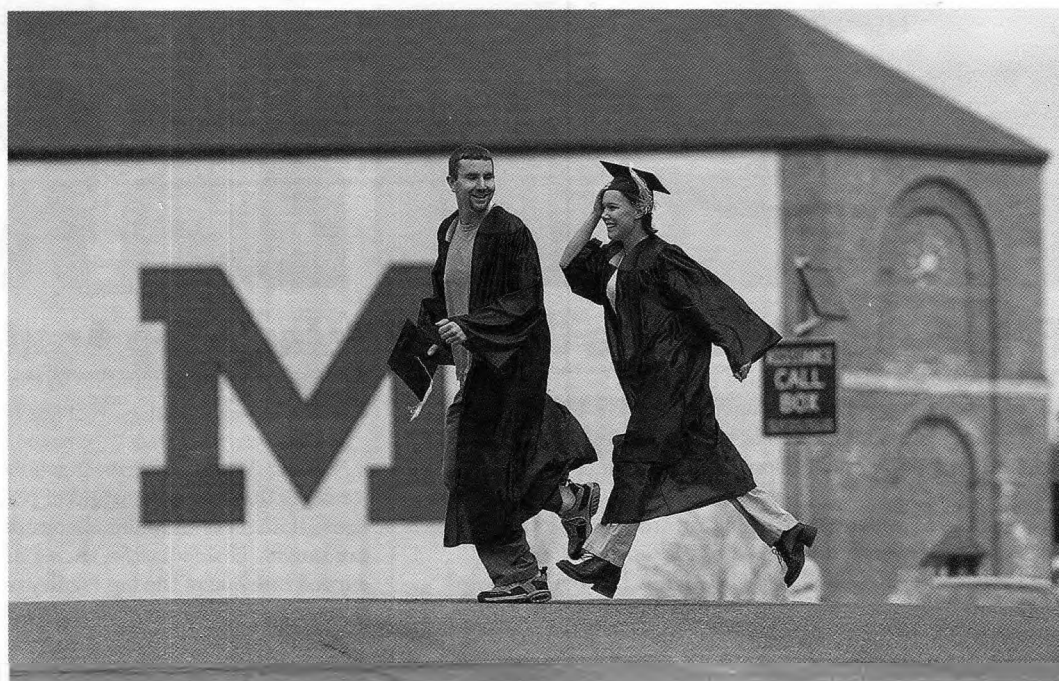
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Commencement stories begin on page 10.

Photo illustration by Monty Rand

New Campus Map to Highlight UMaine Heritage

Last summer, a group of faculty members launched a grassroots campaign to step up stewardship of the University of Maine campus. The groundswell of support from other faculty and members of the University community prompted a proposal to establish a "maps and plaques" project that would highlight UMaine's unique history and resources.

Now a \$7,500 gift from an anonymous donor through the University of Maine Foundation will fund development of a campus heritage map highlighting historic sites such as buildings, important landmarks and accomplishments at UMaine.

Throughout time, exciting contributions have been made by this University to the state and the world. Looking at the history of the campus and what evolved over time will tell us why, today, the University is a very exciting place.

"What excited the donor and me is the chance to make known the significant heritage of this campus," says Don Zillman, interim provost and the Godfrey Professor of Law. "Such a map will remind us over and over what is here. Students will gain an appreciation for living and learning in a place where significant things happened in the past and will happen in the future. Casual visitors will know that this is the home of higher education in the state."

The map project is beginning with a Website (<http://209.222.89.108/devgin3>) where people can vote on-line for up to 10 of their favorite campus

sites. The deadline for voting and submissions is June 10. (See related feature on page 8.)

"We want this to be a living campus heritage map," says Susan Brawley, professor of botany in the School of Marine Sciences. "Everyone needs to
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State Allocates Funds for Compensation, Renovation

Additional funds for employee compensation and a one-time appropriation of \$9 million for renovation of Aubert Hall were two of the major proposals affecting UMaine in the state's recently approved supplemental budget.

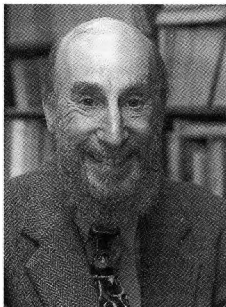
April 25, Gov. Angus King signed into law a supplemental state budget to provide additional resources to many state-funded and supported
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In Perspective

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- 8 Mapping Campus Heritage
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As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.





Pictured left to right, Douglas Allen, Rosemary Bamford, Janice Kristo, Walter McIntire, Owen Smith.

Five Faculty Members Garner UMaine's Top Academic Awards

The University of Maine's highest awards to faculty were presented at Academic Honors Convocation May 1.

The Distinguished Maine Professor Award was presented to Douglas Allen, professor of philosophy and chair of the department.

Awarded the Presidential Teaching Award was Associate Professor of Art Owen Smith.

The Presidential Research and Creative Achievement Award was presented to Rosemary Bamford and Janice Kristo, both professors of education in language arts and reading.

The recipient of the Presidential Public Service Award is Walter McIntire, professor of education and director of the Office

for Research and Evaluation in the College of Education and Human Development.

▼ Doug Allen is described as a master teacher who engages students to explore the world of philosophy with him. He encourages students to think for themselves and challenge what they are taught. His dedicated, caring and creative teaching style has earned him one of the top faculty rankings from student evaluations.

Allen's passion for both the theoretical and practical aspects of philosophy inspires similar passion in his students. Former students talk of the effect Allen's teaching and guidance has had on their lives in the University community and in the larger society.

The 1998 Presidential Research and Creative Achievement Award winner, Allen has earned an international reputation for his cutting-edge comparative and interdisciplinary work in the humanities. His lifelong interest and expertise is in Eastern philosophy and religion.

Allen is a leading scholar on the life and teachings of Mohandas Gandhi and is widely regarded as an authority on the works of Mircea Eliade, perhaps the most influential scholar of religion, myth and symbol of the 20th century.

Allen is the author of 10 books. His research in India and Israel has been funded by major grants from Smithsonian, Fulbright and the American Academy of Religion. He serves as editor for three international journals.

In October, Allen will serve as president of the Society for Asian and Comparative Philosophy.

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A groundbreaking ceremony celebrating the renovation and expansion of the Memorial Union was held April 29. Among the speakers and participants were, left to right, alumnus Russell Bodwell, Assistant Vice President and Dean of Students Dwight Rideout, and UMaine President Peter Hoff. Students included Student Government President Chris Moody and Association of Graduate Students President Chris Miller. Work on the \$12.5 million project began earlier this year and will continue through August 2001. The Union is nearly 50 years old. This project calls for adding 51,000 square feet of space, nearly doubling the size of the building. When the work is complete, the Union will serve as a campus focal point, housing student organizations, restaurants, a career center, bookstore and more. Alumni Russell Bodwell and Ormand Wade have been instrumental in helping raise funds for the project; MBNA is the lead donor to the project.

Photo by Monty Rand

MAINE Perspective

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MAINE Calendar

<http://calendar.umaine.edu>

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 the Master Calendar Website: calendar.umaine.edu or call 581-3745.

MAY

10 Wednesday

"Providing Culturally Competent End of Life Care," by Jackie Levesque, candidate for graduate degree, 11 a.m., May 10, 202 Dunn Hall.

Maine Day, featuring annual parade, 7 a.m.; volunteer check-in and projects, 8-11:30 a.m.; campuswide picnic, 11:15 a.m.; activities on the football field and Lambda Chi Ultimate Frisbee Competition, 1 p.m.; Oozeball and Recreational Sports annual triathlon, 2 p.m.; live music, 3-5 p.m., May 10. x1406.

11 Thursday

FFA State Convention, May 11.

"Degree Theory Applied to a Heartbeat Model: A Possible Topological Basis for Fibrillation," by Bob Franzosa, part of the Department of Mathematics and Statistics Colloquium Series and in conjunction with the Pi Mu Epsilon induction, 3:10 p.m., May 11, 208 Neville Hall.

12 Friday

FFA State Convention, May 12.

Seedling Sale, featuring annuals and perennials, offered by the Landscape Horticulture Club, 9 a.m.-4 p.m., May 12, Deering Hall. x2928.

Performance by The Consortium, featuring Karel Lidral, part of the TGIF Music Series, noon-1 p.m., May 12, Damn Yankee. x1406.

Baseball: UMaine vs. University of Hartford, 5 p.m., May 12, Mahaney Diamond. Admission Fee. xBEAR.

Classes End, May 12.

13 Saturday

Intermediate Whitewater Kayaking, offered by Maine Bound, May 13-14. Admission Fee. x1794.

Sea Kayaking Day Tour, offered by Maine Bound, May 13. Admission Fee. Registration required by calling x1794.

Third Annual Franklin J. Witter Teaching and Research Farm Open House and Compost Sale, featuring dairy and horse showmanship; a beef and sheep show; draft horse plowing demonstration; jumping and dressage demonstrations; and activities for children, 9 a.m.-3 p.m., May 13, Witter Farm. 866-0083.

Seedling Sale, offered by the Landscape Horticulture Club, 9 a.m.-4 p.m., May 13, Witter Farm. x2938.

Milkweed Puppet Theater, featuring Nancy Nye, a Hudson Museum Just for Kids program, for ages 7 and up, pre-registration required, 10 a.m., May 13, Maine Center for the Arts. Admission Fee. x1901.

Baseball: UMaine vs. University of Hartford, 2 p.m., May 13, Mahaney Diamond. Admission Fee. xBEAR.

Virtual Underground, part of the Phat 15 Series featuring a DJ in the Damn Yankee, cash bar in the Bear's Den, and refreshments in the Coffee Shop, 9 p.m.-2 a.m., May 13, Union. Admission Fee. x1406.

14 Sunday

Women's Sea Kayaking Day Tour, offered by Maine Bound, May 14, Admission Fee. Registration required by calling x1794.

15 Monday

Final Exams Begin, May 15.

"Development and Stability of a Cool-Water Carbonate Beach System," by Allison Brandes, candidate for master's degree in geological sciences, 1 p.m., May 15, Bryand Global Sciences Center.

17 Wednesday

"Caring for Old Black and White Photographs," by Martin Lyons of Lyons Photograph Restoration, offered by the Page Farm and Home Museum, noon, May 17, Page Museum. x4100.

Learning Circles 2000 Symposium, featuring a 2:30 p.m. panel discussion, "Talking About Teaching and Building Community"; Poster Session Showcase and reception 3:30-5 p.m., May 17, Wells Conference Center. Open to UMaine community. x3472.

18 Thursday

President's Open Office Hour, 11 a.m.-noon, May 18, Alumni Hall. x1512.

19 Friday

Final Exams End, May 19.

Graduate Recognition Ceremony, 4 p.m., May 19, Hutchins Concert Hall. Reception follows in Wells Conference Center. x3217.

Black Bear Battalion Spring Commissioning Ceremony, 6 p.m., May 19, Devino Auditorium, Corbett Business Building. x1551.

School of Nursing Pinning Ceremony, 7:30 p.m., May 19, Hutchins Concert Hall.

20 Saturday

Beginner Whitewater Canoeing, offered by Maine Bound, May 20-21. Admission Fee. Registration required by calling x1794.

College of Education and Human Development Commencement Reception, for graduates and families, 8:30 a.m. (in case of rain, 12:30 p.m.), May 20, Maine Center for the Arts. x2441.

Commencement, 10:30 a.m., Morse Field, Alford Stadium; in case of rain, two ceremonies in Alford Sports Arena at 10:30 a.m. (Business, Public Policy and Health; Liberal Arts and Sciences; Division of Lifelong Learning) and 2:30 p.m. (Education and Human Development; Engineering; Natural Sciences, Forestry, and Agriculture), May 20.

23 Tuesday

Employee Recognition and Awards Banquet, honoring 25-year employees, recipients of Outstanding Employee Awards, and Steve Gould Award winner, 5:30 p.m. social/6 p.m. dinner, May 23, Wells Conference Center. Admission Fee. x1640.

24 Wednesday

Employee Retirement Banquet, honoring retiring employees, 5:30 p.m. social/6 p.m. dinner, May 24, Wells Conference Center. Admission Fee. x1640.

"In the Spring Mood With Impromptu!" a performance by the a cappella singing group, 7:30 p.m., May 24, Minsky Recital Hall. Admission Fee.

Look Who's On Campus

MIKHAIL GROSSWALD, the leading research scientist at the Institute of Geography in the Russian Academy of Sciences, is on campus this month as a UMaine Visiting Diversity Libra Professor. Grosswald, an internationally recognized Quaternary scientist, has offered an intergenerational, cross-cultural and social-political perspective to faculty and students in a variety of academic disciplines across campus. He is keynoting the two-day Institute for Quaternary Studies Symposium this month. Grosswald is an expert on the extent of Eurasian glaciation during the Quaternary Ice Age. He has devoted his professional career to investigating the diverse interactions between Earth's climate, fauna and flora, and human activities that accompanied environmental transformation from the Ice Age to the modern world. As a Soviet citizen, Grosswald also was a soldier on the Russian Front in World War II. He adapted to the restrictions on global scholarly research activities during the Cold War, and is now coping with new hardships and opportunities in the post-Soviet era.

GRADUATE RECOGNITION CEREMONY

The Recognition Ceremony for graduating master's, CAS and doctoral students is 4 p.m., Friday, May 19, Hutchins Concert Hall. Due to Memorial Union construction, the reception for all students, faculty and guests will be held at Wells Conference Center immediately following the ceremony. Students who have not yet responded and plan to attend this event should contact the Graduate School, 2 Winslow Hall, 581-3217. Regalia is required and may be purchased at the University Bookstore. Participants are asked to arrive by 3 p.m., at the Maine Center for the Arts.

Ongoing Events

Exhibits/Demonstrations/Tours

Student Art Juried Annual, a Museum of Art exhibit, through May 12, Carnegie Hall. x3255.

Images for Eternity: Mexican Tomb Figures and Retablos, a Hudson Museum exhibit, through May 14, Maine Center for the Arts. x1901.

Mikwitemanej Mikmanq'k: Let Us Remember the Old Mi'kmaq, an exhibit of 60 photographs portraying the traditional lifeways of Mi'kmaq people in Nova Scotia and Newfoundland, May 23-Sept. 3, Hudson Museum, Maine Center for the Arts. x1901.

Meetings of Groups/Organizations

Career Action Network for Nontraditional Women Students, meets first Friday of every month, noon-1:30 p.m., Fernald Hall. x1508.

Circle K meets every Monday, 6:30-7:30 p.m., Bangor Lounge, Union. x7818.

Foreign Language Tables: Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish, noon-1 p.m., 207 Little Hall. x2073.

Gay, Lesbian, Bisexual, Transgendered Discussion Group meets every Monday, 2-3 p.m., Old Town Room, Union. x1406.

International Coffee Hour, every Friday, 4-5 p.m., Peabody Lounge, Union. x2905.

Maine Peace Action Committee (MPAC) meets every Sunday, 7 p.m., beginning Sept. 12, Maples. x3860.

Muslim Prayer, noon-2 p.m., every Friday, Drummond Chapel, Union. x3449.

Newman Center, for students and families, Sunday masses, 10 a.m. (with toddler childcare available) and 6:15 p.m.; Tuesday-Wednesday masses, 4:45 p.m. 866-2155.

The Union Board (TUB) meets every Wednesday, 6:30 p.m., Totman Lounge, Union. x1735.

International Conference on Statistics Coming in June

Researchers produce numbers by the ton, but the heart of most scientific papers consists of statistical analyses of experimental data. Two of the world's most influential statisticians, C.R. Rao of Pennsylvania State University and Herman Chernoff of Harvard University, will discuss new developments in statistical techniques at an International Conference on Statistics in the 21st Century at UMaine June 29-July 1.

The meeting is expected to draw more than 100 participants from around the world to discuss the latest techniques and applications to subjects such as genetics, the environment, neural networks and clinical trials for new medical treatments.

Ramesh Gupta, UMaine professor in the Department of Mathematics and Statistics and Fellow of the American Statistical Association, is organizing the conference.

Rao, a native of India, is a legend in statistics. His many contributions include the Cramer-Rao Inequality and the Rao-Blackwell Theorem.

Chernoff developed a technique known as "Chernoff Faces" for analyzing patterns in data. His research interests include sequential analysis, optimal design of experiments, and pattern recognition and statistics applied to molecular biology. He will provide an after dinner talk reflecting on challenges and creativity in statistical design. ▲

Summer Conference to Focus on Public Broadcasting, Public Interest

"Public Broadcasting and the Public Interest" will be the focus of a UMaine conference June 15-17.

From a cross-disciplinary perspective, the conference will examine the current state of public broadcasting and how it can take advantage of emerging technology to further its mission.

Participants include top academics, broadcasters and journalists from the U.S., Canada and other countries. More information can be obtained by visiting the conference Web site (www.umaine.edu/pbconference).

Funding for the conference includes a \$15,000 grant from the Florence and John Schumann Foundation, whose president is Bill Moyers, the noted public television host and producer.

Organizing the conference is Assistant Professor of Journalism and Mass Communication Michael McCauley.

Robert McChesney of the University of Illinois, a noted broadcast historian and the author of *Rich Media, Poor Democracy*, will keynote the conference with an address: "Public Broadcasting: Past, Present . . . and Future?"

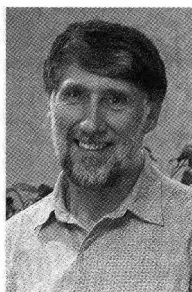
Other presenters include Amy Goodman of Pacifica Radio's Democracy Now!, Vincent Mosco of Carleton University, Laura Flanders of Radioforchange.com, Dee Dee Halleck of the University of California-San Diego, Ira Basen of the Canadian Broadcasting Corp., Jerold Starr of Citizens for Independent Public Broadcasting and Cathy Melio of the Grassroots Radio Coalition and community radio station WERU-FM in East Orland.

The conference will focus on subjects ranging from the current state of public broadcasting and how it has changed to citizen access to media in the age of global communication. Other topics include the transition to digital radio and TV, the Internet as a tool for democratic communication, issues of race, gender and class in public broadcasting, and the movement for more and better community broadcasting services. ▲

Cooperative Extension Presents Two Awards of Excellence



Sheila Douglass



Les Hyde

University of Maine Cooperative Extension Awards of Excellence have been awarded to Sheila Douglass, administrative assistant I in York County, and Leslie Hyde, Extension Educator at Tanglewood 4-H Camp and Knox-Lincoln County Extension.

The second annual Awards of Excellence were presented April 18 at a statewide Extension faculty meeting in Orono. The two awards are sponsored by the Extension Support Staff Committee (EssC).

Douglass received a \$500 bonus, as well as \$500 worth of professional staff development funds. Hyde also received \$500 of professional staff development funds. The \$500 monetary award comes from a newly established University of Maine Foundation account created by EssC with donations and proceeds from ongoing fund raisers. The professional staff development funds are donated by Cooperative Extension.

Douglass received the Support Staff Award of Excellence for her work in the York County Office for the past 31 years. She plays a key role in supporting the county's programs in agriculture, 4-H and youth, nutrition education, and parenting and families. Douglass also coordinates the county's Extension newsletters, orchestrates preregistration and materials for workshops, and manages the office and the many diverse requests for information.

According to one of her colleagues, Douglass' most important role is that of public relations. She cultivates and maintains effective personal relationships with staff, clients, volunteers and stakeholders.

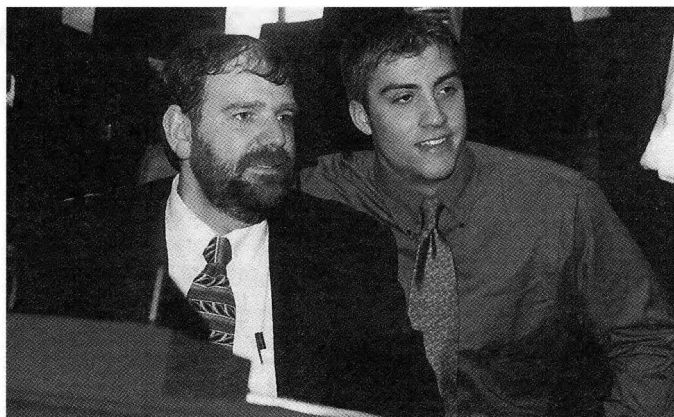
"Clients have often complimented us on our office's positive and welcoming working environment, the thoroughness and quality of our work, and the high out-put of such a small staff. Sheila's hard work and positive energy are what make this all possible," her nomination noted.

Hyde, the recipient of the Extension Supervisory Award for Excellence, joined UMaine Cooperative Extension in 1978. His colleagues describe him as a caring and conscientious supervisor who takes an active role to ensure that his employees maintain a sense of belonging, high motivation, and a willingness to learn and broaden their horizons.

It is noted that Hyde is an outstanding administrator and interpreter of the policy and working relationships by and between the University of Maine System, Cooperative Extension, the Knox-Lincoln Extension Office, Tanglewood 4-H Camp and Learning Center, and the community.

In particular, Hyde is cited for creating a work environment that acknowledges and values colleagues' individuality and worth. He fosters teamwork, encourages responsibility and promotes humanity; he encourages co-workers to think, try and dare, giving them the freedom to succeed and fail.

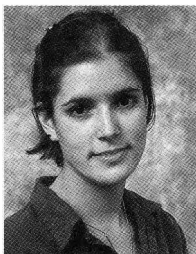
Hyde does that both in the county office in Waldoboro and in the woods at Tanglewood, where he is responsible for the educational programs and staff supervision. ▲



UMaine hockey defenseman and sophomore Doug Janik presents an autographed hockey stick to UMaine alumnus and Clerk of the Maine House of Representatives Joseph Mayo during the team's visit to the Maine Legislature April 13 to be recognized for its NCAA Frozen Four tournament appearance. Mayo, the House's chief administrative officer, is a former Maine legislator from Thomaston and was president of the UMaine Class of '82. During State House recognition ceremonies, Coach Shawn Walsh and 17 members also presented Gov. Angus King, Senate President Mark Lawrence and Speaker of the House G. Steven Rowe with autographed hockey sticks. State officials praised the team and commended UMaine senior public administration major Jim Leger, winner of the 2000 Hockey Humanitarian Award, a national award presented annually to "college hockey's finest citizen" in recognition of volunteerism and community service.

Photo by Verdi Tripp

Electrical Engineering Senior Named Maine Student Employee



Jamie Guevara

The 1999-2000 University of Maine Student Employees of the Year are under-graduate senior Jamie Guevara of Bangor and graduate student Kevin Champney of Hopkinton, Mass.

In addition, Guevara, an electrical engineering major, has been named Maine Student Employee of the Year.

Guevara has been employed by the Electrical and Computer Engineering Department as a teacher's aide for three years. She has been a peer teacher in ECE 101, the department's fall semester course for first-year students. For three years, Guevara has had primary responsibility for the portion of the course dealing with strategies for being a successful student and an overview of different kinds of engineering.

However, Guevara's biggest contribution has been as a peer tutor to first-year electrical and computer engineering majors.

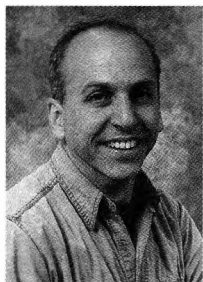
According to one student she tutored in physics, "by sharing her knowledge of this rigorous subject with me, she helped me to not only pass the course but also to understand the course."

Guevara's other contributions to the department include the establishment of a "Weekend at UMaine" for prospective female students. She also serves as a mentor to ECE women students in their first and second years. During University Open House, Guevara assists by giving presentations to groups of prospective students about the department and student life at UMaine.

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Kevin Champney



Steve Helmke



Kathy Davis-Dentici

CEAC Names Outstanding Classified Employees

Two staff members, one in Facilities Management and another in the Department of Food Science and Human Nutrition, are recipients of Outstanding Classified Employee Awards.

Steve Helmke of Brewer is a carpenter crew leader and the chief steward for the trades in the Teamsters Local at UMaine. Helmke was cited as a positive force and a role model on campus and in the community. He "continually takes on the thankless jobs that we all need to have done and does them with pride and integrity," according to those who nominated him.

Kathy Davis-Dentici of Bangor is a scientific technician I in Holmes Hall. In her nomination, Davis-Dentici was cited for her commitment and caring for faculty, staff and students in the Department of Food Science and Human Nutrition, and in the University community. "Kathy's attitude is a great example of what we refer to as the 'University of Maine spirit,'" according to her colleagues who nominated her.

Helmke and Davis-Dentici will receive their awards at the Employee Recognition and Awards Banquet Tuesday, May 23. The awards are sponsored by the Classified Employees Advisory Council (CEAC).

Helmke joined the University community in 1989, first working in the maintenance area for Residential Life, then joining Facilities' Carpenter Shop in 1993. He is now a senior member of the shop and has been the lead carpenter on numerous large projects across campus that range from concrete to cabinetry.

Helmke's father, John, was a long-time professor of political science at UMaine.

Two years ago, Helmke was elected chief steward. His colleagues note that he is "skillful at sorting things out, coming to a conclusion, and negotiating fair and equitable solutions."

Helmke serves on UMaine's Labor Management Committee, where he has been instrumental in implementing several policies benefiting Facilities Management employees. He also was one of the first members elected to CEAC.

In his community, Helmke is a member of the Brewer Zoning Board of Appeals and a volunteer coach of Brewer Youth Flag Football. He also is an active volunteer with the Boy Scouts.

Davis-Dentici first joined the University community as a student. She took classes in the mid-'70s, then, with the support of her husband and parents, returned to complete a bachelor's degree in sustainable agriculture in 1989.

As an undergraduate, Davis-Dentici worked in former Department of Animal and Veterinary Sciences labs in Rogers and Deering halls. After she graduated in 1992, she worked as a scientific technician in the department.

For the past two years, Davis-Dentici has worked in the Department of Food Science and Human Nutrition. There, she oversees the research of several graduate and undergraduate students. An expert in proximate analysis, she guides many students through complex laboratory procedures. She also is responsible for laboratory safety training for new students.

Working with Professor of Food Science Al Bushway, Davis-Dentici oversees the routine product analyses as part of the review required for the licensing of home-based food processors. Together, the research team has completed reviews for more than 250 home-based food processors. ▲

CEAC EXTENDS SPECIAL RECOGNITION

The Classified Employees Advisory Council (CEAC) would like to recognize the following people who received nominations for Outstanding Classified Employee. They demonstrate exceptional service and dedication to the University:

Kristina Baker	David Mahan	Gary Dorr
Jeanne Goss	Mary Colman	Cynthia Knowles
Michael Burgess	Margaret Smith	Michelle Kramer
Lorraine Brown	Sandra Vaillancourt	Jane Bartram
Janice Bacon	Ellen Woodhead	Veronica King
Charlene Kimball	Carol Rickards	Patricia Byard
Rosemary Lamountain	Susan Rocha	Nora Ackley
Nancy Boyington	Deborah Grant	Barbara Ouellette
Susan Spaulding		



Irv Kornfield received the Maine Warden Service Colonel's Award in a ceremony in Augusta April 28. The award honors the efforts of the School of Marine Sciences professor to improve wildlife law enforcement through the application of DNA analysis and research. Kornfield, who established a wildlife forensics laboratory in Murray Hall, was cited for landmark efforts and successes in wildlife DNA techniques and research that have helped wildlife law enforcement take "great steps forward."

Photo by Monty Rand

University of Maine Marketing Director Named

After a national search, alumna Monique Mace-Hashey of Hermon has been named marketing director for the University.

Her appointment was effective May 1, pending formal approval by the University of Maine System Board of Trustees.

"After searching nationwide for someone to head our new Marketing Office, we found just the right person in our own backyard," says Susan Reardon, vice president for University Advancement. "I want to thank Mark Anderson and the rest of the search committee for their hard work and diligence, and for recommending a person of Monique's talent, energy and knowledge of the University."

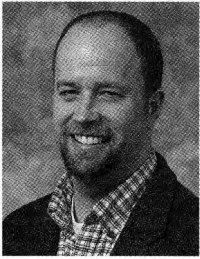
Mace-Hashey has been employed by UMaine since 1989, including four years as a member of the Office of Public Affairs staff. This past year, she has served as creative services manager and interim Webmaster in the new Marketing Office, helping develop a comprehensive marketing plan for the University.

Located in the Keyo Public Affairs Building, the Marketing Office is a division of University Advancement and includes graphic design, media and photography services, special events coordination, and client services. The newest member of the marketing team, Webmaster Howard Mosher, also reports to the marketing director.

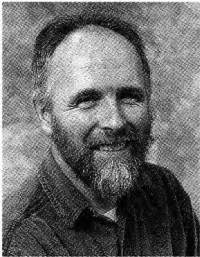
Mace-Hashey received an associate degree in business administration from Eastern Maine Technical College and a bachelor's degree in studio art from the University of Maine.

In her career, Mace-Hashey has worked in marketing, graphic design, customer service, publications and special projects coordination. She is the founder and senior consultant of Marketing Through Design, based in Hermon. ▲

Manion, Witham Cited for Professional Employee Awards



Will Manion



Jack Witham

The two recipients of the 19th annual Professional Employee Achievement Awards are alumni Will Manion, laboratory instructor and facilities manager in the Department of Civil and Environmental Engineering, and Jack Witham, associate scientist of wildlife in at the Holt Research Forest in Arrowsic.

Manion was cited for his ongoing efforts and talents in developing a Web-based, searchable, centralized master calendar for the University of Maine. As a resident of Old Town, Manion is equally willing to dedicate his technological expertise to benefit his community. As noted in his nomination, Manion's contributions to UMaine and the community are the result of "one person going above and beyond normal work responsibilities to provide outstanding service."

Witham was cited as a talented scientist whose living laboratory is Holt Research Forest, where he is involved in research, outreach, stewardship and supervision. A co-worker noted that Witham's "intelligence and pragmatism lend a superior problem-solving ability to challenges at the forest." In the Arrowsic community, Witham has served on the town's commissions and committees. Eleven years ago, he helped found the Lower Kennebec River Regional Land Trust. As a member of the University community based in southern Maine, Witham serves as a unique UMaine ambassador.

Manion and Witham will receive their awards at the annual Employee Recognition and Awards Banquet Tuesday, May 23, Wells Conference Center. The awards are sponsored by the Professional Employees Advisory Council (PEAC).

Manion came to UMaine in 1990 as the first graduate student to work on tire chips research with Professor of Civil Engineering Dana Humphrey. Two years later, the St. Paul, Minn., native was hired as the department's lab coordinator.

In Civil and Environmental Engineering, Manion is responsible for managing laboratories, maintaining equipment and teaching lab courses in materials and soil mechanics. The courses have online laboratory manuals with custom data spreadsheets and some data sharing capabilities.

Since coming to UMaine, Manion has been involved in the growth of computer technology on campus, from the construction and maintenance of computer clusters, departmental networks and Web sites to working with the network administrators group and serving on UMaine's first Web team.

Across campus, Manion's spirit of cooperation and technical expertise is well known as he networks with other computer experts. It is that philosophy that leads Manion to actively volunteer and participate in his community and on campus.

Manion developed the prototype for the University's master calendar (<http://calendar.umaine.edu>). Working with undergraduate students, he initially volunteered hundreds of hours to the project, saving UMaine both time and money.

The success of the master calendar is evident in its usage numbers: Last fall (Sept. 1-Dec. 31), the first semester it was available to the campus and the public, it was visited more than 10,400 times, with 204,500 hits on different calendar pages.

The calendar is administered by the Center for Students and Community Life, and the Department of Public Affairs. But

according to his nomination, Manion is the one single-handedly responsible for making this invaluable resource a reality.

Witham received a bachelor's degree in wildlife management from UMaine in 1975. Four years later, he returned to his alma mater to conduct research with colleague and friend Malcolm Hunter, Libra Professor of Conservation Biology. Their environmental impact study focused on the side effects of spruce budworm spraying on birds.

In 1983, Witham was appointed associate scientist at Holt Research Forest near Bath. There, as part of a year-to-year contract between UMaine and Holt Woodland Research Foundation, Witham is responsible for property management – a wide variety of tasks involving "everything from counting birds to live trapping small mammals, measuring tree heights and diameters, data analysis and writing papers".

Witham supports UMaine's long-term forest ecosystem study on 100 acres of the 350-acre Holt Forest. The study is one of the longest and most intense single-site ecosystem studies in the country.

"By coming up with reasonable guidelines to manage small woodlots, we can help maintain forestry as part of Maine culture," he says.

When Witham interviewed for the job, he was asked to make an eight-year commitment. "There was no way I was going to stay that long, but here I am 17 years later," says Witham. "I like the outdoors part of my job, as well as the intrigue of science and trying to answer questions." ▲

PEAC CITES OTHERS WHO GO ABOVE AND BEYOND

The Professional Employees Advisory Council (PEAC) acknowledges the following people nominated by their colleagues as Outstanding Classified Employees. They go above and beyond normal work responsibility in service to their profession, to UMaine and to the community.

Muffy Eastman
L. Brian Perkins
Judith Round

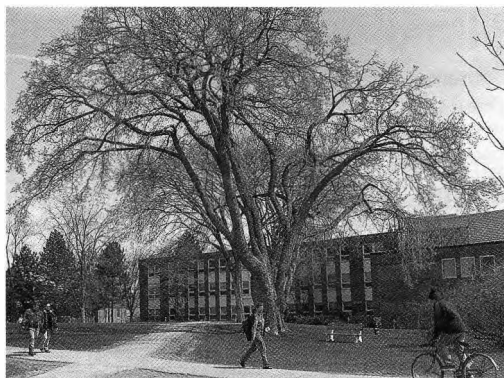
Susan Little
Thad Dwyer
Debbie Gilmer

Michael Alpert
Clay Kirby
Tracey Flynn



P. James Dowe, pictured center, president/CEO/trustee of Bangor Savings Bank, was honored last month at the close of his two-year term as the first chair of the 20-member University of Maine Board of Visitors. On hand to extend congratulations were, left to right, Nick Houtman, Orono Town Council member; UMaine President Peter Hoff; Mary Bailey, mayor of Old Town; and Michael Aube, mayor of Bangor. Now serving as Board of Visitors chair is Trish Riley, alumna and president of the National Academy for State Health Policy in Portland.

Photo by Monty Rand



The American elm near Hitchner Hall was cured of Dutch elm disease in 1972 as part of Professor Richard Campana's internationally renowned research on plant pathogens. The tree is estimated to be about as old as the University.

Photo by Monty Rand

Mapping Campus Heritage

Project Asks Members of University Community to Vote for Their Favorite Landmarks

Editor's Note: The following two-page article is presented by the Ad Hoc Committee to Create a Campus Tour/Map – David Smith, Susan Brawley, Hal Borns, Martha McNamara, Stephen Hornsby and Reeser Manley.

This is a community project and we need your help. The Campus Heritage Map will be distributed to new students, returning alumni, visitors, and other interested persons. Its purpose is to reinforce how special it is to be a member of the University of Maine. This preliminary draft list comprises many of the important UMaine buildings and places, with some information related to significant events and famous alumni/ae and faculty.

Please vote on the 10 items you think are the most important and interesting. This vote will form the basis for a campus heritage tour on a new official map of the University, which should be available by fall semester. Vote by going to the Web site

(<http://209.222.89.108/devgin3>) or by returning your votes to David C. Smith (dcsmith@maine.edu). A sample of the descriptions follows.

Several significant buildings are not yet on the list. Ultimately, we expect to include about 25 sites on the tour. Please suggest other candidates for consideration as part of the tour, and write them up in the style shown on the Web. Send any other information on interesting, important or humorous anecdotes relating to sites on the list. Thanks for your help in helping to choose the most important things that define the University of Maine.

Fernald Hall

This is nearly the oldest building on campus. Crossland Hall, which is older, was part of the two original farms. Fernald Hall was constructed of brick made at the site by the first students and faculty. Our current "Maine Day," begun in 1935-36, is in the spirit of that shared work beginning. The building was originally named "Chemical Hall," and then was renamed to honor the second president, M.C. Fernald. In addition to being the first chemistry laboratory, Fernald later housed the geological program and the natural science display cabinets. It then had a long life as the bookstore and a soda shop. It now includes a popular sandwich shop, "M.C. Fernald's" and Women's Studies. Fernald was a researcher in physics and natural science. He began the keeping of meteorological records in 1868.

Nutting Hall

Nutting was constructed, mainly of wood, and dedicated in 1970. It is named for Albert Nutting, a distinguished forester both at Maine and in the state. Nutting Hall houses Forestry and Wildlife Ecology, both of which are nationally known academic programs.

Fogler Library

The library building is named for Raymond Fogler, an alumnus and former president of W.T. Grant. Construction on Fogler began in 1938 and was completed after World War II. Fogler Library is a national depository for government documents and patent office records for both Canada and the United States. The library's Canadian collection is especially strong. One addition has been built onto Fogler, and another is in the planning stage. Among the distinguished alumni who studied in this building or its predecessors are Bernard Lown, 1985 recipient of the Nobel Peace Prize and co-founder of Physicians for the Prevention of Nuclear War; Louise Bates Ames, a distinguished child psychologist; Alice Stewart, a major voice in Canadian and Commonwealth Studies; and authors Tabitha and Stephen King.

Carnegie Hall

Now housing the Art Department, Carnegie was built in 1907 using a personal gift of \$50,000 from the Scots philanthropist Andrew Carnegie. The University of Maine's Carnegie Hall is one of only two Carnegie libraries constructed on university campuses. The public art gallery inside Carnegie displays pieces from the University's art collection, as well as juried shows by faculty and students. Distinguished University faculty John P. "Paddy" Huddilston, Vincent Hartgen, and Mike Lewis are among the significant American artists who have worked in this building.

View of Stillwater River from U.S.S. Constitution Cannons

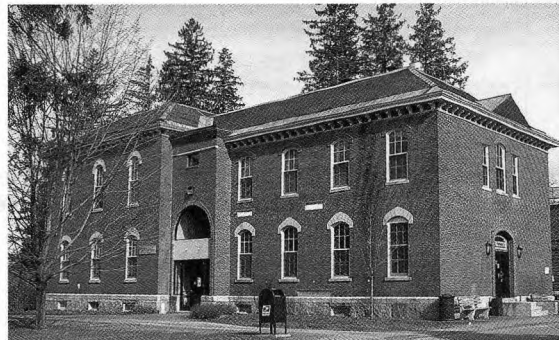
Originally, the buildings on campus faced the river. The first campus plan (1867) was developed by the famous landscape architect Frederick Law Olmsted Sr. He envisioned a row of academic buildings, a chapel and a military parade ground. Olmsted's plan also called for students to live in domestic-scale buildings arranged in village-like settings. Although Olmsted's plan was never officially adopted, his ideas influenced subsequent planning and design, focusing the campus toward the river. A pair of demonstration cannon was removed from "Old Ironsides" (the *U.S.S. Constitution*) and was given to the University in the early 1930s when the ship was refitted.

Stevens Hall

Built in 1924, Stevens Hall housed the new College of Arts and Sciences and is named for the first dean of the College, James Stacey Stevens. North and South Stevens were completed by 1934.

Cyrus Pavilion

Edgar Cyrus Pavilion, an unusual octagonal building originally built for competitive livestock judging, is now a small theater. It is named for Al Cyrus, a well-loved, long-time theater professor who was particularly known for stage design. Cyrus Pavilion stands behind Winslow Hall, built in the 1880s for use by the various departments of agriculture.





Patch House

Professor Edith Patch's home. Edith Patch was one of the most distinguished scientists to serve on the faculty at any time and was president of the Entomological Society of America. When she first arrived at the University in 1903, there was some concern about her suitability for the job – after all, as a woman she could not be expected to "climb a tree" or "catch a grasshopper." Professor Patch, who was a world authority on aphids, was an early critic of DDT. She also was a well-known author of children's books about nature.

Littlefield Ornamentals Trials Garden

In the early 1960s, the Lyle Littlefield Ornamentals Trials Garden was established by its namesake, the associate professor of horticulture (of ornamentals) who also was responsible for naming the streets on campus. Planned as a cold-hardiness evaluation site for ornamental plants, it is the northernmost evaluation site in the northeastern U.S.

President's House

This wood-frame building was constructed in the 1870s. The original structure was less ornate; the cupola was added in 1893 after a fire. Merritt Fernald, the second president, was the first to live in the home.

Coburn Hall

Coburn Hall is named for former Governor Abner Coburn, an early chair of the Board of Trustees who was responsible for much of the University's early development. Coburn gave a gift of \$100,000 to found a library and construct this building, which was dedicated in 1888. Coburn Hall was used for natural science, as well as agriculture, and many of the early commencements were held here and in front of the building. Plaques commemorating the celebratory annual planting of ivy can still be seen on the walls. During the 1960s, a steep amphitheater then used as a lecture hall became controversial because women were wearing short skirts at the time. The national honorary fraternity, Phi Kappa Phi, was founded here in 1897. Today, this building includes the Sea Grant program and the Margaret Chase Smith Center for Public Policy.

Colvin Hall

The new home of the Thomson Honors Center, Colvin was built as a dormitory and dedicated to Caroline Colvin in 1930. Colvin was dean of women and a prominent European historian. She was active in honors teaching, and was one of the first women to serve as a chairperson of a major history department in the United States. Colvin Hall is one of a group of five buildings named for other prominent UMaine women. The other women: Elizabeth Balentine, Kate Estabrooke, Helen Lengyel and Ava Chadbourne.



Chadbourne Hall

This building was constructed as a dormitory and named in honor of Ava Chadbourne, Class of 1915, a noted professor of education, including history of education.

Holmes Hall

Named for the great Maine farmer, newspaper editor, historian and natural scientist Ezekiel Holmes, Holmes Hall was built in 1889 and served for most of its life as the headquarters of the Agricultural Experiment Station, and home of the Chemical Analyses Laboratory. Maine had a state station prior to the Hatch Act that set up federal stations in 1888. The building has two wings, one built in 1899, the other in 1904.

Maine Center for the Arts

MCA contains both the 1,629-seat Hutchins Concert Hall and the Hudson Museum. Hutchins Concert Hall presents a spectrum of area, national, and international performances. Hudson Museum, named in memory of Carolyn Doan Hudson, houses the renowned Palmer Collection of pre-Columbian art.

Page Farm and Home Museum

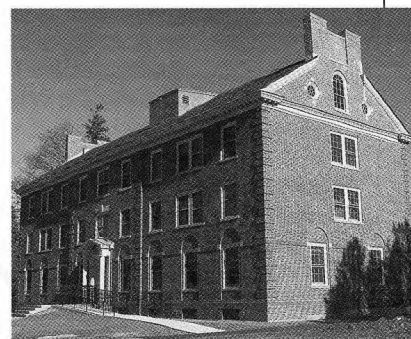
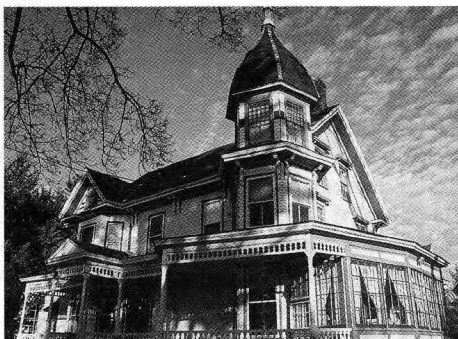
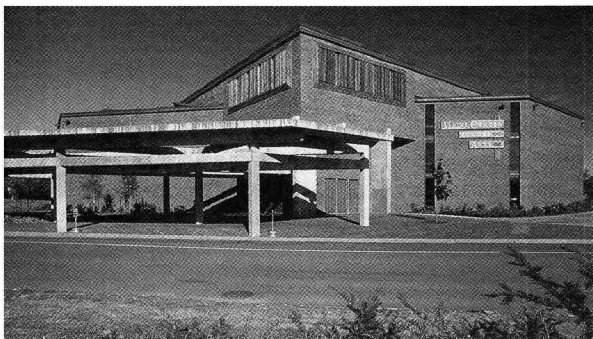
This barn is named for Henry Page, who helped fund its relocation and refurbishment as a farm and home museum. The structure dates from the late 1870s. It is now in its third location on the campus.

Alfond Sports Arena

Opened in 1977 and named for Harold Alfond, Alfond Sports Arena is the home of UMaine's two-time national championship men's hockey team. A number of Maine players have been Olympians and have advanced to the NHL. In 1992, UMaine men's and women's basketball teams began to compete here. Cindy Blodgett, Class of 1998, who finished her college career as the nation's 3rd all-time leading scorer, advanced to the WNBA.

Bryand Global Sciences Center

This new building is named for alumnus Edward Bryand, Class of 1952, who invented honeycomb rolls for producing toilet paper and paper-like products ranging from tissue to geo-textiles. The building, finished in 1997, houses the Department of Geological Sciences and the administrative office of the Institute for Quaternary Studies. The building contains geological artwork, both in paintings and floor tile, oil paintings of Antarctic scenes and a large wind-sculptured boulder from Antarctica, donated by the family of Rear Admiral Richard Byrd. A number of professors in these organizations hold congressionally awarded U.S. Antarctic Service Medals. Professor George Denton was awarded the Vega Medal by the King of Sweden for excellence in polar research. Professors Hal Borns and George Denton have had glaciers and unique land areas named for them in Antarctica.



UMaine Plans First Outdoor Commencement Since 1994

May 20 Ceremony Set for Alford Stadium

Nearly 1,700 University of Maine degrees will be awarded at the 196th Commencement, scheduled to be held on Morse Field at Harold Alford Stadium on Saturday, May 20, at 10:30 a.m.

Eve of Commencement May 19

Graduate Recognition Ceremony, 4 p.m., Hutchins Concert Hall. Reception follows in Wells Conference Center.

Black Bear Battalion Spring Commissioning Ceremony, 6 p.m., Devino Auditorium, Corbett Business Building.

School of Nursing Pinning Ceremony, 7:30 p.m., Hutchins Concert Hall.

If the weather cooperates, this will be the first time a UMaine class will graduate at a single outdoor ceremony since 1994. A combination of factors, including weather and the deteriorating condition of the former Alumni Stadium, have caused the last five May Commencements to be held in Alford Arena. In those cases, space limitations meant that two ceremonies – one in the morning and one in the afternoon – were held.

Alford Stadium accommodates an audience of 10,000.

The Commencement Address will be given by Cathie Pelletier, a

native of Allagash, whose literary credits include eight novels, a screenplay, poetry, non-fiction, song writing and a children's book. The novels include *The Funeral Makers*, *Once Upon a Time on the Banks* and *The Weight of Winter*, three works based on the fictitious town of Mattagash.

Honorary degrees will be awarded to Pelletier and Ashley Bryan, an artist, author, crafter and educator who taught at Queens College, Lafayette College and Dartmouth College before retiring to his Maine home in 1989.

In keeping with the University of Maine tradition, each graduate will have his or her name announced to the audience upon receipt of a diploma and a handshake from President Peter Hoff. Of the 1,673 anticipated graduates, 340 will receive graduate degrees, including 36 who will receive doctorates.

If the weather causes a move back into Alford Arena, there will be two ceremonies. Those receiving degrees from the College of Business, Public Policy and Health; the College of Liberal Arts and Sciences; and the Division of Lifelong Learning will participate in the 10:30 a.m. exercise.

Graduates from the College of Education and Human Development; the College of Engineering (including the School of Engineering Technology); and the College of Natural Sciences, Forestry and Agriculture will attend the 2:30 p.m. ceremony. ▲



Kathy Jellison

Valedictorian Pursues Passion for Pastoral Music

UMaine Professor of Music and Director of Choral Music Dennis Cox was in the audience one day when Margaret Katherine Jellison was directing the choir at St. Mary's Catholic Church in Bangor. After the performance, he talked to her about beginning coursework toward a degree.

"It had been 20 years since high school," says Jellison, "but I thought about it and finally got my courage up."

Jellison began with a music pedagogy course. Her next course, an English class, confirmed her long-held aspirations.

"We were required to do free writing in that class, and I remember writing that I was going to enjoy returning to college more than I ever realized," says Jellison. "That exercise was so powerful. Until then, I didn't realize I had so much inside me that I wanted to express."

Jellison grew up in Chicago, where she attended St. Gregory High School. She had been playing piano since grade school, and was studying organ. But at the time, college was not an option.

My Mother shared an old saying, 'Good, better, best. Never let it rest until good is better and better is best.' I heard that as a child, but it impacted me most in the last three years. Now my lifelong dream has come true.

"I needed to help support my family," says Jellison, who was one of eight children. "We had tracking back then and I chose business courses because I thought I would be hired more readily with those skills. But the decision also had a dark side.

"Because I was taking high school business courses, teachers assumed I was not college material. That had a negative effect on me, to the point that I believed I could not make it in college. After all those years, I had to change my perspective of myself and my abilities to be able to attend UMaine."

Jellison did not pursue her childhood passion for piano, organ and church music again until she and her husband moved to Maine. In the latter part of the 1970s, she began choral directing at St. Joseph's Church and playing organ for St. Mary's Church.

When she started taking courses in music at UMaine, she

continued on page 23



The Outstanding International Student in the College of Natural Sciences, Forestry, and Agriculture is senior Jovana Davidovic from Belgrade, Yugoslavia. Davidovic is majoring in biology, with a minor in philosophy. Davidovic received the Department of Biological Sciences Book Award for having

the highest GPA of first-year students. On campus, she has been actively involved in Culturefest and Global Links. She is an RA in Estabrooke Hall. Upon graduation next year, Davidovic plans to attend graduate school in India or in Yugoslavia.



Riikka Mero, the Outstanding International Student in the College of Education and Human Development, is a junior from Forssa, Finland. She is majoring in kinesiology and physical education, with a concentration in disabilities studies. She came to UMaine in 1998, where she has been

an active participant in the Office of International Programs' activities, including Global Links. Next semester, she will study at the University of Central Florida in Orlando through National Student Exchange. When she graduates from UMaine, Mero plans to pursue graduate school.

Three Salutatorians Named

It seems that Calah Tenney's life has always been on a fast track.

She graduated two years early from John Baptist Memorial High School in Bangor, and then spent the next five years training in the hope of a place on the United States Equestrian Team. When she was long-listed for the 1996 Olympic Games, she turned her attention to college.

"I learned (I couldn't) make a living in horses," says Tenney, who lives in Palmyra. "I also was a different person at 20 than I was when I was as a 15-year-old high school graduate. I started at the University of Maine at Augusta where I had the most amazing chemistry teacher, Susan Baker, and fell in love with science. I wanted to be a biochemist."

Three years ago, Tenney transferred to UMaine. She started classes in January, just days after her marriage to Andrew Fiske of Cape Elizabeth, who also is graduating this month with a bachelor's degree in civil engineering.

One of Tenney's first biochemistry classes was with Associate Professor of Biochemistry Keith Hutchison, who has since become her mentor. "Keith is a talented teacher," says Tenney of the 1999 Presidential Teaching Award recipient. "Outside of academics, I learned from him the importance of scientific integrity, sticking to projects when they're not going well, and professional problem solving."

"I didn't come to the University of Maine expecting a top-flight education, but that's what I got."

Tenney has been involved in genetics research. In particular, she is involved in attempting to isolate and look at the expression of a gene implicated in angiogenesis, a process seen both in development and vascularization of tumors in cancer. Such basic research with zebrafish could one day contribute to a therapy for treating cancer.

Her research in Hutchison's lab has been partially funded by a fellowship from Pfizer Pharmaceuticals. She also participated in a summer internship at the Maine Medical Center Research Institute. Her honors thesis is based on the last two semesters of research.

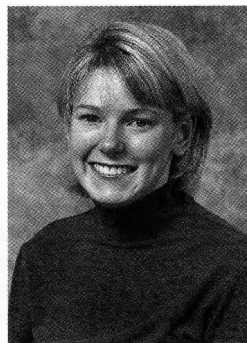
Tenney, a UMaine salutatorian, is graduating with degrees in



Calah Tenney



Susan Pellerin



Hollie Gowen

biochemistry, and in molecular and cellular biology.

"I flunked out of honors chemistry in high school," says Tenney. "A lot of what motivates me now has to do with my hospice work. There's a big connection for me between my research and my work as a hospice volunteer. When I go to medical school, I want to be an oncologist."

Following graduation, Tenney will spend a year as a research assistant at The Jackson Laboratory. She'll then head to medical school.

Tenney expects her career to be a combination of research and a pediatric oncology practice.

Susan Pellerin of Monroe isn't very comfortable being in the salutatorian spotlight. As an elementary education major who lives in a household where "academics is in the family," Pellerin is a firm believer that everyone has abilities that can contribute to individual success.

"I just happen to work hard," says Pellerin. "My husband and children have been very supportive."

"But when my parents heard I would be salutatorian, they were ecstatic. They know how hard I work."

Prior to enrolling at UMaine four years ago, Pellerin had earned a business degree from Beal College. She spent several years raising her three sons and substitute teaching before committing to the 40-mile commute three times a week to attend classes in Orono.

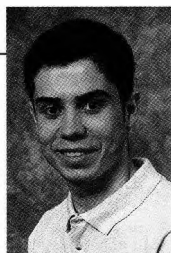
Her husband, Ted, teaches physics and chemistry at Belfast High School.

"Elementary education has always been an interest," Pellerin says. "I like those ages and teaching subjects across disciplines lends itself to providing interdisciplinary education, making connections between subjects."

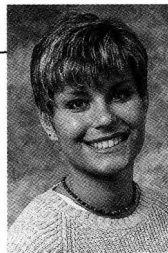
Despite her familiarity with the classroom, Pellerin admits she was nervous returning to post-secondary education.

"I had been out of school about 20 years," she says. "I was concerned about the age difference between me and the other students, but I found everyone very accepting."

continued on page 23



Gerti Pellumbi of Tirana, Albania, is the Outstanding International Student in the College of Business, Public Policy and Health. A second-semester junior, Pellumbi has a double concentration in finance and management information systems. He assists in research for a monthly column in business publications, helps in the college's student recruitment efforts, and contributes to the student newsletter. Pellumbi's brother, Elvis Pellumbi, graduated from UMaine in 1996 with a degree in business.



This is the second consecutive year that Martina Tinklova is the Outstanding International Student in the College of Liberal Arts and Sciences. A native of Olomouc in the Czech Republic, Tinklova is a junior majoring in economics, with minors in business and French. She is a forward on the women's basketball team, a member of the Economics Student Association, and a community volunteer. An Edward M. Holmes Scholar, Tinklova has been nominated to All Maine Women. Upon graduation next year, she plans to pursue an MBA.

Colleges Name Outstanding



Karl Martin

Business, Public Policy and Health

Karl Martin is the Outstanding Student in the College of Business, Public Policy and Health.

Martin graduated in December with a bachelor's degree in business, with a concentration in management. In January, he entered the six-month management training program for Ames Department Stores.

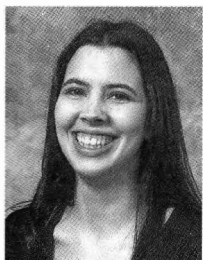
In 1995, the Fairfield native enrolled at UMaine, his father's alma mater.

Martin's interest in business management stems from his summer internship and subsequent management position at an animal and amusement park in southern Maine. At UMaine, he combined his interests in entertainment through parks, and business.

"I enjoy working with people in dynamic, exciting environments where there's a lot going on," Martin says. "Retail also is that kind of dynamic environment, particularly when it comes to staying on top of trends."

Martin attributes his academic success to organization and taking one day at a time, while still planning ahead.

"We have quality professors in marketing, management, finance, and accounting," he says. "They care a lot about what they do and really know how to teach."



Tasha Smallwood

Liberal Arts and Sciences

Tasha Smallwood, a double major in psychology and mathematics, is an Outstanding Graduating Student in the College of Liberal Arts and Sciences.

Smallwood, who grew up in Houlton and Patten, began her college career at Dartmouth before enrolling at UMaine. She was undecided about her major, and intended to take basic coursework and return to Dartmouth.

Because psychology always interested her, she began taking courses. Her first undergraduate statistics class not only led her to graduate coursework, but inspired her to pursue mathematics.

After that first statistics course, Smallwood asked permission to enroll in one of the most difficult courses in the department. The next semester, she became the first undergraduate to complete the graduate statistics course. Smallwood earned the highest grade in the course, outperforming second-year doctoral students. Last fall, Smallwood was a teaching assistant in an undergraduate statistics course.

"Dr. (Joel) Gold has been my champion," says Smallwood of the professor of psychology and department chair who taught the undergraduate and graduate statistics courses. "He gave me opportunities and respected me for what I can do rather than how old I am."

In his letter of nomination, Gold noted that in his 30 years of teaching statistics, he has never encountered a more brilliant student than Smallwood.

Smallwood has been a research assistant in the physiological psychology lab of Alan Rosenwasser, where she worked on ongoing data analysis projects involving time-series, spectral and waveform analysis of the biological rhythm data.

She has also worked in the laboratory of Alan Cobo-Lewis for more than a year. Her responsibilities include running subjects in experiments, participating in data analysis and contributing to recording results. Smallwood is co-author on a scientific conference presenta-

tion, and on two journal articles.

In the department, Smallwood has been involved in recruiting students from her alma mater, the Maine School of Science and Math in Limestone.

Her work off campus includes a part-time retail job at the Bangor Mall, and volunteering as a mentor in the Jump Start program for juvenile offenders at the YMCA in Bangor.

"I like a big university rather than a small college," she says. "There are so many people and opportunities at the University of Maine; it is a good environment for exploring yourself. That's most important to me."



Willow Wetherall

Willow Wetherall is an Outstanding Student in the College of Liberal Arts and Sciences. She will graduate this month with a bachelor's degree in international affairs/anthropology and women's studies, and a minor in German and an honors concentration.

At Orono High School, Wetherall graduated in the top percentage of her class and was expected to attend a private liberal arts college. Finances kept her close to home.

At UMaine, Wetherall found "a combination of learning opportunities." She not only found academic diversity but the interdisciplinary Women's Studies Program that fostered her commitment to feminist activism. Also at UMaine were three mentors who changed Wetherall's life.

Role models for Wetherall and a number of UMaine students are Associate Professor of Anthropology Cynthia Mahmood, Women's Resource Center Director Sharon Barker and Ann Schonberger, director of the Women in the Curriculum/Women's Studies Program.

"All three take an extraordinary stand for their students and for women," Wetherall says. "From the time I met them, they believed in what I was doing and conveyed that I had a valuable contribution to make. And they opened doors to let that be expressed."

Benchmarks in Wetherall's academic career are many. Four years ago, she founded the Beautiful Project at UMaine, which has become a national model that was replicated last year and this year at other colleges. She also founded *The Loop*, a women's guide to surviving and thriving at UMaine. She served as the first undergraduate to co-chair the President's Council on Women, and helped reinvigorate the Student Women's Association.

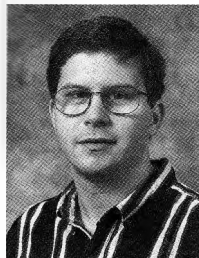
For her honors thesis, Wetherall traveled to the Republic of Cyprus to study how the political, economic, and military policies and practices of the past 25 years have affected women's lives. She received two undergraduate research grants from the Inter-University Committee on Cyprus to study the effects of the Turkish invasion on the lives of Greek Cypriot women. In the summers of 1997 and 1999, Wetherall was in Cyprus interviewing women. Mentoring her through her research was Mahmood.

Throughout her years at UMaine, Wetherall has worked to pay for her education.

"I've had an extraordinary educational experience here. It has been really hard work but absolutely worth it," says Wetherall, who will be in the third graduating class of women's studies students.

Wetherall expects her career path to focus on international women's issues and plans to spend her summer preparing for a future documentary film project in Cyprus.

Students of the Class of 2000



Kenneth Worster

Education

Ken Worster has always found the world a remarkable place. He has never ceased to be intrigued by the science of its workings – physics, chemistry and astronomy.

Since his second year at UMaine, the 1996 Woodland High School valedictorian has known exactly what he wants to do. The successful computer engineering student made a professional choice to forego the economic advantages

of working in the private sector for the joy of teaching the subjects he is so enthusiastic about.

In making this decision, Worster confronted a major educational and societal challenge – the severe shortage of strong math and science teachers in secondary schools and the growing, grim consequences of this crisis that is jolting Maine and the nation.

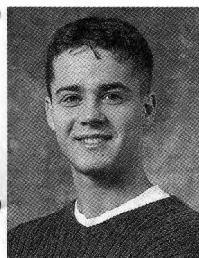
The long-term solution, Worster says, must come from personal commitment and choice. “The top math and science students have to love their disciplines to the point that sharing that excitement with children and adolescents outweighs the benefits of working in another profession,” says Worster, a National Merit Scholar. “And society must understand that without such teachers, the next generation of scientists simply won’t come along.”

This fall, Worster begins his job as a math and science teacher at Penquis Valley High School, where he did his student teaching.

Worster grew up in Princeton, Maine, absorbing encyclopedias and textbooks. Encouraged by his parents to learn more about whatever interested him, he became and remains an avid researcher.

As a UMaine student, he produced and presented productions at Jordan Planetarium. He was joined on the job by a young woman he had met during his first semester and married a year and a half later. Jenny Mowdy Worster, who is graduating with a degree in elementary education, complemented Worster’s production work by analyzing 10 Planetarium shows for alignment with the Maine Learning Results and creating a packet of lesson plans that allows teachers to work on the unit with students before and after attending the show.

Worster also will leave a valuable instructional resource for teachers. His senior project is a textbook on computer programming and software freely available on the Internet.



Przemek Jamroz

Engineering

Przemek Jamroz describes his pursuit of education as an “unquenched need to explore and expand my horizons.”

“Every step of my academic career, beginning with elementary school through the undergraduate college experience, has been an opportunity to learn,” he says. “This scientific curiosity also extends to my non-engineering passions, such as art, history and sports.”

The mechanical engineering major is the Outstanding Graduating Student and the Outstanding International Student in the College of Engineering. The native of Opole, Poland, is one of 50 students nationwide to recently receive a Phi Kappa Phi Fellowship for graduate school.

Jamroz has been accepted into engineering graduate schools across the country, including UMaine, Stanford, UMass and MIT.

In high school in Poland, a teacher from Maine and Jamroz’s friends talked of the excellent reputation of UMaine’s College of

Engineering. A tuition waiver allowed him to afford an education in the United States. He enrolled in 1996.

“I enjoy new discoveries and places, whether it’s a different state or the next town,” says Jamroz. “Every time I see something interesting, I write to my mother and sister about it.”

Jamroz’s father was an engineer. He died 13 years ago.

Jamroz was undecided about his engineering field when he enrolled at UMaine. While he has broad interests, his passion for vehicles and “things that move” led him to mechanical engineering.

“It is an academically strong program,” he says. “It is really focused and the requirements are high, and the faculty are very accessible, knowledgeable and interested in the research they do. I found good research opportunities even at the undergraduate level – everything a university should offer was here.”

Associate Professor of Mechanical Engineering Michael Boyle mentored Jamroz. By his senior year, Jamroz was doing research in thermosciences and energy systems with Boyle. In particular, Jamroz has been involved in two studies of heat transfer measurement and cavitation.

In his three co-ops, Jamroz worked at Meade Paper, first as a maintenance engineer and then as a reliability engineer.

With the exception of the first and last semesters, Jamroz took no less than 18 credits. “For me, doing well academically is more than just a GPA,” he says. “I really care about the learning experience.”

In keeping with that philosophy, Jamroz asked permission to take a 600-level course in engineering analysis.

Jamroz also studies history and art. The old history books he pores over and the maps he draws dovetail into engineering because “technology makes humanity grow, and without humans, technology would not exist.”

In painting and drawing landscapes and portraits, Jamroz finds that his art intersects with his technical drawings.

Jamroz attributes his thirst for knowledge to his mother, Barbara, who taught him “a passion for seeing and trying new things.”

Barbara Jamroz will be in Maine to see her son receive his degree.



Mary Castonguay

Natural Sciences, Forestry, and Agriculture

Farming in Maine has been in Mary Castonguay’s family for three generations. When she leaves UMaine, she will return to Livermore with a background in agribusiness to ensure the future of the family farm for generations.

Castonguay is the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture. In the Department of Resource Economics and Policy, she is a senior in the Resource and Agribusiness Management Program.

Castonguay’s father grew up on a dairy farm. When he was 11, his father died and the farm had to be sold. The family didn’t return to farming until Castonguay was almost 9.

“We knew when my two older brothers got heifers to raise as 4-H projects that we would soon be farming,” says Castonguay. “It is a wonderful lifestyle to grow up in. It teaches you so many values that you might not get elsewhere. It taught me what hard work is.”

At UMaine, Castonguay found an academic discipline that combined her interest in agriculture and desire to know more about business. In agribusiness management, her focus has been on economics and public policy, problem solving and projecting.

“When the price of milk is low and feed high, dairy farming today

continued next page

is a balancing act," she says. "I'd like to raise the odds more in our favor, and cost management is the best way to do that."

In her sophomore year, Castonguay became involved at the Witter Teaching and Research Farm, home of the University of Maine Agriculture and Dairy Cooperative of Organized Working Students (UMAD COWS). With its many UMaine students and faculty who share a commitment to agriculture, Witter became Castonguay's family farm away from home.

"My life just wasn't the same without having daily chores to do," she says. "In my sophomore year, I started milking again, which means getting up at 3 a.m. Whether I'm milking or not, I'm at the farm every day."

In addition to gaining broader farm management experience at Witter, Castonguay became involved in the UMaine Equine Program. This semester, she took an equine internship.

Castonguay has been president of the Maine Animal Club for two years. She served as the 1998 chair of the Northeast Student Affiliate conference. This year at the NESA conference, Castonguay was named the Outstanding Senior, beating out students from UNH, UVM, UConn, Penn State, and other colleges from the Northeast. Castonguay was also president and vice president of the Agricultural and Resource Economics Club. Castonguay has been a student ambassador for the college and the department, and the organizer of the new collegiate chapter of FFA.

Her many academic honors include Edward M. Holmes Scholarships, a Margaret Chase Smith Internship with the Maine Department of Agriculture, a Farm Credit Fellowship and membership in All Maine Women.

In the coming year, Castonguay will complete an MBA. She will then return to join her brother, Peter, in running the family farm.

"Dad is really excited because somebody else will be following in his footsteps on the farm," says Castonguay. "Mom's also excited because I get to take over the books." ▲



The first annual John M. Rezendes Ethics Essay Competition Award was presented May 1. Kate Schlegel, second from the right, a sociology major, won the award for the essay, "United States Intervention and the Practice of Female Genital Mutilation." In addition to a \$2,500 monetary award, Schlegel was presented with a commemorative sculpture. Honorable mentions in the competition were sociology major Suzanne Burke, second from the left, for "The Ethical Aspects of Placing the Atlantic Salmon on the Endangered Species List," and computer science major Matthew Burgess, right, for "Freedom of Speech vs. Social Responsibility." The three essays cited for excellence were among 20 submissions in this year's competition. Presenting the award were Dennis Rezendes, center, Class of '57, and his wife, Beau Rezendes, left. The John M. Rezendes Ethic Fund was established at the University of Maine Foundation in memory of Dennis Rezendes' father.

Photo by Monty Rand



Suzanne Moulton

Division of Lifelong Learning Outstanding Achievement Award

Suzanne Moulton's father didn't believe in college for women.

Despite the curves in the road of life that always seemed to veer from her dream, Moulton always knew she'd get to college — someday.

That someday came in 1987. She enrolled in a class at UMaine, drove to campus and couldn't get out of her car.

"I sat in the car for half an hour watching students walk by," says Moulton. "I was struck by their outward confidence in who they are and where they are going. As for me, I didn't have a clue. All those years I had been home raising a family."

When I get my degree, all the kids will be in the audience. It has been such a dream for such a long time. It will be a victory.

Moulton never did make it to that first class. Months later, encouraged by an ad for what was then UMaine's Bangor campus, she enrolled in a specially designed course for nontraditional students returning to or beginning college.

Subsequent courses on the Orono campus through the Continuing Education Division (CED) posed uphill battles. But it wasn't long before Moulton says she was "flying free."

"It was uphill in gaining confidence and realizing I could do the work. I had to convince myself that earning an 'A' was not a fluke or charity on the part of the instructor," says Moulton, a resident of Bangor and recipient of this year's Division of Lifelong Learning Outstanding Achievement Award. "I was getting my wings."

"I went from being a scared student and University employee afraid to answer the phone to being the only undergraduate presenting a paper at a graduate student symposium, and the chief negotiator for the ACSUM union representing almost 1,100 employees systemwide."

Moulton is an administrative assistant I in the Department of History, where she has worked since 1987. Since matriculating, Moulton has majored in history and minored in French.

Through the years, Moulton took two courses every semester, as well as Summer Session courses. Many nights were spent at the same table with her sons and daughter, doing homework and sharing ideas.

In the past four years, Moulton has received four scholarships for her academic achievement.

Today, her daughter, Jennifer, is in her first year at the University of Maine-Augusta as a pre-vet student. Moulton's son, Josh, is a UMaine junior majoring in philosophy; her oldest son, Matthew, received a bachelor's degree from UMaine last year and is now pursuing a master's in physics.

Her third son, Nick, is a high school junior who plans to attend UMaine following graduation.

"When I get my degree, all the kids will be in the audience," Moulton says. "It has been such a dream for such a long time. It will be a victory."

Moulton begins her master's work in Canadian history in the fall. ▲

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Insects in the Maine Woods

Insects may not be everybody's favorite part of the north woods, but beetles, wasps, flies and their cousins play important roles in forested ecosystems. They pollinate flowering plants, recycle nutrients and provide food for fish, birds and other wildlife.

Steve Woods, a forest entomologist at the University, and several graduate students are engaged in a multi-year study to understand how insects are affected by commonly used forest management techniques. Their research is providing scientists with the first comprehensive look at broad-scale insect abundance and diversity in a northern temperate forest.

Woods, alumnus Jeffrey Jaros-Su and graduate student Shelly Thomas, have been using the 3,800-acre Penobscot Experimental Forest in Bradley as their laboratory. They began working in 1995 with support from the Maine Agriculture and Forest Experiment Station, as well as a \$4,325 cooperative agreement from the U.S. Department of Agriculture, Forest Service. Efforts were expanded in 1997 and 1998 with a \$49,873 grant from the USDA Competitive Grants Program.

The results of their early efforts have been documented in a dissertation by Jaros-Su. A new \$213,500 USDA grant was awarded in August 1999 and will allow similar studies to be conducted on industry land with graduate students Kathryn Georgitis and Dan Vasconcelos.

"There have been a number of studies that have looked at how forest management affects invertebrates," says Woods. "It's usually clear cutting versus old growth, and usually with specific taxa that the author knows about."

"We took a different approach. We collected a little of everything and looked at which taxa might be impacted by management. There is a full range of silvicultural practices going on out there, and we wanted to tap into that as a potential source of information."

Previous research elsewhere indicates that insect abundance can be high inside and just above the forest canopy. Woods and his team thus had to devise a method for randomly sampling insects well above the ground. Working on a shoestring budget, they designed and built towers out of electrical conduit and secured them with rope.

The first towers were built in 1995 and reached up about 35 feet. Insect collectors were installed about every 10 feet. The latest versions of the towers are up to 75 feet.

Although some of the towers were damaged by wind, falling trees and the 1998 ice storm, Woods and his team eventually collected and sorted more than 6,300 individual insects in three different types of forest management areas:

- ▼ two areas that were clearcut, one in 1983 and one in 1988
- ▼ two shelterwood stands in which the remainder of the overstory was removed in 1972 and 1974
- ▼ four selection stands in which a small portion of trees are removed at 10-year intervals and were last harvested in 1993, 1994 and 1995

They found that clearcuts and selection stands harbor a greater abundance and diversity of insects than do shelterwood stands. Insects in the order *Coleoptera*, which includes beetles and fireflies, dominated the samples.

"By counting the number of insects, we are measuring a certain process going on in the forest," says Woods. "Insects feed on roots. They recycle nutrients by feeding on fungi. Their abundance is a measure of how much recycling is going on."

In Search of the Rare Black Tern

Just like humans, black terns (*Chlidonias niger*) like to build their homes by the water. They also like open country with broad vistas. Unfortunately, there's a high price to be paid for such prime real estate. Spring storms can raise water levels quickly and flush nests downstream. A lack of cover makes black tern chicks vulnerable to predators.

These risks may help to explain why New England's black tern population is so small, says Fred Servello, UMaine professor of wildlife ecology. Only about 75 to 90 breeding pairs are known in Maine, and fewer exist in Vermont, New Hampshire and Massachusetts.

Servello and his students are in the fourth year of a project funded by the Maine Department of Inland Fisheries and Wildlife to determine why the birds are so rare and whether or not steps can be taken to increase their numbers. They have focused attention on six colonies in central and western Maine.

Not much larger than the common blue jay, the black tern summers in the North. The species is abundant in the prairie wetlands of Canada and less so in the northern U.S. plains. It's possible that historically, New England was outside the species' range. Birds may have migrated from the North and West as forests were cleared. In any case, they are migratory. They spend winters in the southern Caribbean, and are observed during their spring and fall travels at resting areas on Cape Cod.

The black tern is on state lists of rare or endangered species from Oregon to Maine. No action has been taken at the federal level, largely because information is lacking.

"We know from the breeding bird surveys that they have declined 2-3 percent a year since the 1960s to about 1990, and appear to have leveled off since then," says Servello. "That may parallel wetland loss. No one knows for sure. We know in general there have been fewer observations of birds."

The UMaine project follows on the heels of regular observations made during the past decade by students at Nokomis High School in Newport. Led by science teacher Donald McDougal, students documented the plight of black terns and impressed the state legislature with their findings. In 1997, on the basis of the students' research, legislators declared the birds to be endangered in Maine.

Studying the birds up close has been difficult. "They're very skittish. We use canoes to approach their nests, and when you get to within 50 yards, the adults attack and the chicks scatter," Servello says. "They hide very effectively."

Project goals include monitoring nest success, percent of chicks successfully fledged and the fate of individual birds. Andrew Gilbert, a graduate student from Brewer, has been looking at habitat availability, hydrologic factors and food resources.

Since observations began in 1997, Servello and the students have documented high rates of loss due to flooding. "All it takes is one good rain event, the water goes up, and you get problems. They nest within an inch or so of the water. If the substrate doesn't float, you've lost the nest. Two out of three years, we've had very high losses because of one rain event a year."

With the birds due to return in mid-May, Servello and his students spent April to preparing their gear and arranging schedules. They conduct most of their observations from metal platforms placed near the nests.

The project is funded through 2001.



More than 175 guests took part in UMaine's first Donor Recognition Dinner April 28, at Wells Conference Center. Emceed by Vice President for University Advancement Susan Reardon, the event included a ceremony in which 287 donors were inducted into the "Stillwater Society" in appreciation for donations of \$25,000 or more. Among those attending the dinner and ceremony were, left to right, Dianne Hoff, the president's wife and a faculty member in the College of Education and Human Development; President Peter Hoff; Morris Weinberg, Class of '60 of Cambridge, Mass., a member of the President's Development Council; and Penny Smith Harris, Class of '63, a member of the University of Maine System Board of Trustees.

Photo by Michele Stapleton

Student Employees *continued from page 5*

Guevara was accepted by Hofstra and Lafayette, but she enrolled at UMaine four years ago planning to begin coursework, and then transfer.

"I was determined to hate it here," says Guevara, "but after a semester, I couldn't leave. It was enjoyable being close to home. I have a great roommate, met a lot of friends, and have a department that is small and personable, where I'm on a first-name basis with professors."

Guevara is one of two women in her department receiving bachelor's degrees this month. She has been selected to participate in a two-year technical leadership program with General Electric in Boston.

Champney earned a bachelor's degree in English from the University of Massachusetts - Amherst and came to UMaine in 1998 to pursue a master's degree in history.

That year, Maine Folklife Center received a first-ever preservation grant from the National Endowment for the Humanities. As part of the NEH Audio Preservation Project, Champney has worked with an archivist to help protect the more than 3,000 hours of recorded interviews that form the heart of the nationally recognized Northeast Archives of Folklore and Oral History.

As an archival assistant, Champney has been involved in re-recording and cataloging the extensive tape collection. The work demands a technical knowledge of sound recordings, and an in-depth understanding of the ethnographic and historical value of the content of the recordings.

The archival work dovetails into Champney's interest in 20th-century American history. In particular, he is interested in the history of traditional folksongs.

This fall, Champney will begin work toward a Master of Library and Information Science degree, made possible in Maine through the University of South Carolina in cooperation with the University of Maine System. His goal is to pursue a career as an archivist, preferably in a folksong depository. ▲

University Club Reopens in Fogler Library's Lynch Room

The University Club has a new lease on life as the result of an alumnus' vision and a dean's commitment to fostering intellectual dialogue.

The Thomas E. Lynch Music Room is the new home of the University Club for UMaine faculty and staff. The newly renovated, 1,600-square-foot facility on the second floor of Fogler Library is open 9 a.m.-3 p.m. to all UMaine employees. The room can be reserved for receptions, speakers and other events.

Coffee service is now being provided by Dining Services, Monday-Friday, 9 a.m.-3 p.m. Dining Services will open for lunch service mid- to late-August.

A membership drive will begin this summer, according to Bill Small, a University Club organizer and professor of German. The club expects to offer memberships not only for individuals but for departments.

The University Club began in the late 1970s. At one time, membership across campus reached 900. For years, the club operated out of the Peabody Lounge in the Union. In recent years, it was relocated to other sites on campus, including Hannibal Hamlin Hall.

"Most libraries have specially assigned rooms for faculty, but Fogler Library has never had that ability," says Elaine Albright, dean of Cultural Affairs and Libraries. "Mr. Lynch allowed his music room to be converted into a University Club to accommodate the campus need for intellectual dialogue."

The Lynch Room was established as a music resource and listening room by Thomas Lynch, Class of '38, as part of the 1978 Reunion. Lynch, of Gates Mills, Ohio, majored in electrical engineering as a UMaine student. He is a music aficionado who established and equipped the resource room in an effort to offer the campus a first-class classical music listening room.

Lynch is also a proponent of enhancing and facilitating communication between faculty and staff, says Small. He made his \$80,000 donation in order that what, in the age of digital recordings, was increasingly becoming an under-utilized resource room in the library could again play an important role in the University community.

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2000 STUDENT EMPLOYEE OF THE YEAR NOMINEES

Joanna Ali, Visitors' Center; **Robert Arritt**, UNET; **Byron Barley**, Office of International Programs; **Tiffany Beaulieu**, Philosophy; **John Bell**, Information Technologies; **James Bertolino**, UMaine Business School; **Rachel Boyer**, Maine Folklife Center; **Jamie Buonaiuto**, Fogler Library; **Lance Case**, Forest Ecosystem Science; **Anthony D'Amato**, Forest Ecosystem Science; **Chris Domurat**, Office of Resource Conservation and Recovery; **C. Ryan Eslinger**, Recreational Sports; **Steve Foley**, Office of Resource Conservation and Recovery; **Kurt Garascia**, UMaine Business School; **Jesse Hankla**, Cooperative Extension; **Anastasia Harper**, Dining Services - Stodder Commons; **Esther Hatch**, LASST; **Cary Houghton**, Office of Student Records; **Christina Howard**, Athletics; **Shaun Irving**, Center for Community Inclusion; **Yuri Ivanov**, Maine Business School; **Colleen Kelley**, Fogler Library; **Levi LeDuc**, Facilities Management; **Brian Moores**, Information Technologies; **Gerti Pellumbi**, Fogler Library; **Ethan Perry**, Water Research Institute; **Erin Plourde**, Human Resources; **Michelle Rodrigue**, University Bookstore; **Jessica Rollins**, Food Science and Human Nutrition; **Stacey Ruchala**, Biosystems Science and Engineering; **Leslie Schureman**, Enrollment Management; **Audra Stevenson**, Office of Resource Conservation and Recovery; **Carleena Stovall**, Education and Human Development; **Kimberly Wagner**, Office of the Vice President for Research.

Thomas Wagner, assistant professor of computer science, with Victor Lesser of the University of Massachusetts at Amherst: "Relating Quantified Motivations for Organizationally Situated Agents," *Intelligent Agents VI: Agent Theories, Architectures and Languages*, N.R. Jennings and Y. Lesperance, eds., Springer-Verlag

publisher, pp. 334-49. The article defines a model for agent control that brings organizational context into local agent decision making. The model is currently being used to handle negotiation between agents in a distributed manufacturing application.

Matthew Moen and **Kenneth Palmer**, professors of political science, "Maine: Which Way Should Life Be?" in *Prayers in the Precincts: The Christian Right in the 1998 Elections*, edited by John Green, Mark Rozell, and Clyde Wilcox (Washington, D.C.: Georgetown University Press), pp. 271-286.

Sofian Kanan, Ph.D. graduate student; **Mohammad Omary**, former Ph.D. student and currently post-doctoral research associate at Texas A&M; **Howard Patterson**, professor of chemistry; with Masaya Matsuoka and Professor Masakazu Anpo, Department of Applied Chemistry, University of Osaka, Japan: "Characterization of the Excited States Responsible for the Action of Silver (I)-Doped ZSM-5 Zeolites as Photocatalysts for Nitric Oxide Decomposition," *Journal of Physical Chemistry B*, 104:3507-16 (2000)

Susan Elias, research assistant in the Department of Wildlife Ecology; James Fraser, Department of Fisheries and Wildlife Sciences, Virginia Polytechnic Institute and State University; and P.A. Buckley, U.S. Geological Survey-Patuxent Wildlife Research Center, Graduate School of Oceanography, University of Rhode Island: "Piping Plover Brood Foraging Ecology on New York Barrier Islands," *Journal of Wildlife Management*, 64(2):346-54.

Russ Quaglia, director, National Center for Student Aspirations, "Making an Impact on Student Aspirations: A Positive Approach to School Violence," the *Bulletin*, National Association of Secondary School Principals (March 2000).

Stephen Marks, professor of soci-

ology, and Leigh Leslie, associate professor of family studies at the University of Maryland: "Family Diversity and Intersecting Categories: Toward a Richer Approach to Multiple Roles," in D. Demo, K. Allen and M. Fine (eds.), *Handbook of Family Diversity*, Oxford University Press., 402-23 (2000).

Imagining to Learn: Inquiry, Ethics, and Integration Through Drama, by **Jeffrey Wilhelm**, associate professor of literacy, and Brian Edmiston (Ohio State University), is reviewed in the *Harvard Educational Review*, 70(1) (Spring 2000).

Kyriacos Markides, professor of sociology, has had two of his books: *The Magus of Strovilos* and *Homage to the Sun* translated and published in Japan. To date, Markides' books have been published in eight languages.

Max Egenhofer, director of the National Center for Geographic Information and Analysis, College of Engineering's Libra Professor, professor in Spatial Information Science and Engineering, and cooperating professor in Computer Science, and **M. Andrea Rodriguez**, graduate research assistant with the National Center for Geographic Information and Analysis and Ph.D. candidate in Spatial Information Science and Engineering: "Relation Algebras over Containers and Surfaces: An Ontological Study of a Room Space," *Spatial Cognition and Computation*, 1(2):155-80 (1999).

Jeff Wilhelm, associate professor of literacy education: "Literacy by Design: Why Is All This Technology So Important?" *Voices from the Middle*, a publication of the National Council of Teachers of English, 7(3) (March 2000). In addition: "Curatorial Collections: Cross-Curricular Design Portfolios," a chapter, *The Portfolio Standard: How Students Can Show Us What They Know and Are Able to Do*, edited by Bonnie Sunstein (University of Iowa) and Jonathan Lovell (San Jose State University) (Heinemann, 2000).

A.S. Grandy, former graduate student now at Michigan State University, **M.S. Erich**, associate professor of plant and soil chemistry, and **G.A. Porter**, associate professor of agronomy: "Suitability of the Anthrone-Sulfuric Acid Reagent for Determining Water Soluble Carbohydrates in Soil Water Extracts," *Soil Biology and Biochemistry* 32:725-27 (May, 2000).

V O L U M E S

Recent Works by University of Maine Authors

A Legacy of Hope: A Short History of Secondary Education in Maine
By **Gordon Donaldson Jr.**
(College of Education and Human Development 2000)

Gordon Donaldson's interest in the history of Maine's secondary schools is a direct outgrowth of the co-chair responsibilities he had on the Maine Commission on Secondary Education. As the commission began its work, talked to educators, students and parents, and read about secondary schooling, it became glaringly obvious that we all were assuming that high schools as we know them have always been part of the scenery. And as we looked into how they can improve themselves, it became even more obvious how they can continue to grow.

Donaldson, professor of education who co-chaired the commission, started looking for "the story" of Maine's secondary education system, but found little in the way of a history. One major work that exists was published in 1936 by UMaine professor Ava Chadbourne.

Donaldson researched original documents to compile an overview of Maine's attempts to offer formal education to 14- to 19-year-olds. The monograph, *A Legacy of Hope*, is a short history designed to share information about Maine education's past and to inform secondary school reform efforts now and in the future.

Book Ends

New & Noteworthy at the University Bookstore

Books make great graduation gifts. Here are just a few suggestions...

What Color is Your Parachute? 2000, by **Richard Nelson Bolles**, **Ten Speed Press (2000)**. With more than 6 million copies in print, *What Color is Your Parachute* is the best-selling job hunting book in the world. Now in its 30th anniversary edition, this makes the perfect college graduation gift.

Next Step: The Real World: Aggressive Tactics to Get Your Professional Life Off to a Fast Start, by **Jack O'Brien**, **Kiplinger Books (1999)**. Earning a diploma is a major accomplishment. How do you translate all that education into the rest of your life? *Next Step* will help the new graduate get off to a good start.

Ten Things I Wish I'd Known - Before I Went Out Into the Real World, by **Maria Shriver**, **Warner Books (2000)**. Expanded from Shriver's acclaimed College of the Holy Cross commencement address, this down-to-earth book will help people of all ages on all roads in life.

Congratulations! Now What? by **Bill Cosby**, **Hyperion (1999)**. Cosby, a regular speaker at college commencements, provides graduates and their parents with both a dose of humor and hints about survival as they look ahead to full-time jobs and empty nests.

Other Notes:

▼ Outdoor Patio Sale – Maine Day, May 10, 9 a.m.- 3 p.m. Find many clearance items from throughout the bookstore. Free CD-BMG Music Sampler while supplies last. Sign up for drawings to be held at 3 p.m.

▼ Graduation Sale – through May 20. Take 25 percent off general books, and UMaine gifts and clothing. (Excludes special orders, textbooks and academic supplies).

▼ Textbook Buyback has begun.

▼ Ring Days – May 17-18. Herff Jones Class Rings will be at the Bookstore offering specials.

▼ Extended Hours – Graduation Day, May 20, 9 a.m.-4 p.m.

Directory Changes

Bonita Parent Grindle, Staff Associate in Equal Opportunity, 101 North Stevens Hall, 581-1226, bgrindle@maine.edu

Amy Fried, assistant professor of political science, has been awarded the John C. Donovan Award, for the best paper presented at the 1999 New England Political Science Association Meeting. The paper, "The Strange Disappearance of Alexis de Tocqueville in the Social Capital Debate," discussed the split in the political science discipline

between empirical social science researchers and political theorists, as demonstrated by discussions of Tocqueville in recent scholarship on citizens' civic values. Fried's research was supported by a University of Maine Summer Faculty Research Fund Award.

Linda Labas, project coordinator, and **Martie Kendrick**, education specialist for positive supports at the Center for Community Inclusion, presented a workshop to preschool and public school educators at the American Council on Rural Special Education Twentieth Annual National Conference Capitalizing on Leadership in Rural Special Education: Making a Difference for Children and Families in Alexandria, Va., March 17. The workshop, designed for school personnel responsible for staff development, offered an overview of "Foundations of Inclusive Education: A Staff Development Guide." Through a sampling of the activities found in the guide, the workshop provided fundamental information on inclusive education and strategies for ensuring that inclusive education is an integral part of school restructuring or school improvement initiatives.

Kyriacos Markides, professor of sociology, with Emile Markides, Ph.D. sociologist and peace-worker in Cyprus, will be presenting, "Miracles Among Mystics, Monks and Hermits of Eastern Christianity" and "Peace & Reconciliation among Turkish Muslim and Greek Christian Youth in Cyprus Today" at the Twenty-Fifth Annual Spiritual Science Fellowship-International Institute of Integral Human Sciences, May 14 in Montreal. SSF-IHS is a United Nations-affiliated organization.

Professor **Dennis Cox**, Music, Brenda Uchimaru of Preston, Ontario, and Professor Christopher Aspaas of Mt. Holyoke College were the choral clinicians for the 2000 Boston Heritage Music Festival at Bishop Fenwick High School, Peabody, Mass., April 15.

Michael Howard, associate professor of psychology, commented on papers given on a panel on his book, *Self-Management and the Crisis of Socialism*, at the Socialist Scholars Conference, Borough of Manhattan Community College, New York City, March 31-April 2.

Pilar Haye, biology graduate student, and **Les Watling** and **Irv Kornfield**, both professors in the School of Marine Sciences, presented a poster, "Familial Relationships within the Cumacea (Crustacea: Peracarida)," at the third annual workshop for Partnerships for Enhancing Expertise in Taxonomy, Smithsonian Institution, March 24-26.

Dan DenDanto, biology graduate student; Bonnie Brown, Virginia Commonwealth University; **Chris Davis**, marine sciences graduate student; and **Irv Kornfield**, professor in the School of Marine Sciences, presented a paper, "Analysis of Genetic Diversity in a Commercially Important Line of Oysters Selected for Fast Growth," at the annual meeting of the National Shellfisheries Assoc., Seattle, March 19-23.

Kathleen March, professor of Spanish, read a paper, "Viaxeiras inglesas por Galicia" ("English women travelers in Galicia"), at the 5th International Galician Studies Conference, held in conjunction with the Universidad de La Habana, Cuba and the Galicien-Kentrum of Trier, Germany, April 17-21. In addition, March was elected president of the International Galician Studies Association for a three-year term. She will preside at the 2003 conference in Barcelona, Catalunya.

Linda Labas, project coordinator, and **Martie Kendrick**, education specialist for positive supports at the Center for Community Inclusion, presented a workshop to preschool and early primary educators at the Maine Support Network's 2000 Winter Retreat: Supporting Respectful and Responsible Learning Communities, at the Samoset Resort, Rockport, Feb. 7. Building upon the infant brain research and the importance of early attachments and responsive relationships, this workshop explored a multidimensional approach to creating responsive, respectful learning environments. Using strategies and resources from its newly published monograph, the workshop offered ideas on ways to build classroom communities, foster friendships, and teach children skills for peaceful conflict resolution and problem solving.

U.S. Rep. John Baldacci, left, and UMaine Vice President for Research Dan Dwyer were among the dignitaries on hand April 28 for the first meeting of the Margaret Chase Smith Center for Public Policy Advisory Board. The 12-member advisory board, on which Baldacci serves, was established to help strengthen external relationships, advise on the direction and enhance the effectiveness of the Center. The board, made up of representatives from the private sector, education, healthcare and research



organizations, is chaired by Portland Attorney Merton Henry. Henry also is president of the Margaret Chase Smith Foundation. The board will meet twice annually. At this meeting, Dwyer announced the appointment of Deirdre Mageean as director of the Center. Mageean has served as interim director for the past two years. The Margaret Chase Smith Center at UMaine was established in 1989 to improve the capacity of the University to address important public policy problems and issues.

Joe Kelley, Geological Sciences and School of Marine Sciences, and **Steve Kahl**, Water Research Institute and Geological Sciences, were invited panelists April 20 at a DEP-sponsored forum on environmental impacts of climate change in Augusta. Kelley presented a talk on sea-level rise in Maine, and Kahl spoke on the potential impacts of climate change on water resources.

Linda Labas, project coordinator, and **Martie Kendrick**, education specialist in positive supports at the Center for Community Inclusion, presented a workshop to early care and education providers at the Windham Child Care Providers 8th Annual Family Child Care Conference April 8. The workshop offered background information about legislation related to childcare and children with disabilities, as well as practical strategies and resources for caring for children with special healthcare needs and disabilities within family childcare programs.

Leslie King, assistant professor of sociology, and **Sarah Wilcox**, Department of Sociology's Thoreau Teaching Fellow, attended the New England Sociological Association meeting April 29 at Albertus Magnus College in New Haven, Connecticut. Wilcox presented her paper: "Knowledge Communities and Biological Ideas about Homosexuality."

Bob Strong, professor of finance, gave a presentation, "Derivatives for Dummies," to the Bangor Rotary.

Steve Sader, professor of forest resources, and **Emily Hoffhine**, graduate research assistant, presented papers at the U.S. Forest Service Remote Sensing 2000 Conference, Albuquerque, April 10-14. Sader, with Hoffhine and **S. Vermillion** (Eastman-Kodak, Rochester, N.Y.) presented "Remote Sensing Training and Research in U.S. Forestry Schools: An Updated Survey," and Hoffhine and Sader presented a poster, "Detection of Forest Harvest Type Using Multi-Temporal Landsat-TM Satellite Imagery."

Marc Baranowski, associate professor of human development, addressed the Bangor area meeting of the American Association of Retired Persons, April 25. His topic was "Grandparents Raising Grandchildren: Issues and Challenges."

Martha McNamara, assistant professor of history, was awarded the DeMontequin Prize for the best paper in American colonial planning history at the Society for American City and Regional Planning History Conference, Washington, D.C. Nov. 18-21, 1999. The prize-winning paper, "Courts and Commerce: Public Space in Eighteenth-Century Massachusetts," was drawn from her book, *Court House Spaces: Architecture, Law, and Professionalism in Massachusetts, 1658-1860*, forthcoming from Johns Hopkins University Press.

Jeff Hecker, associate professor of psychology, and psychology graduate students presented two papers at the Anxiety Disorders Association of America 20th Annual Conference in Washington, D.C., March 23-26. "Predicting Response to Self-Help Treatment for Panic Disorder: Implications for Stepped-Care Model of Treatment" and "Self-Help Plus Minimal Therapist Contact in the Treatment of Social Phobia" were co-authored by graduate student **Kristin Maki**, Hecker and graduate student **Roxann Roberson-Nay**. In addition, Hecker and psychology graduate students presented at the Multidisciplinary Psychiatric Grand Rounds meeting at Eastern Maine Medical Center April 14. "University of Maine Anxiety Disorders Research Projects" was co-authored by Hecker, graduate student **Elizabeth Kubik**, Maki and graduate student **April O'Grady**.

Steve Sader, professor of forest resources, participated in the NASA-Land Cover/Land Use Change Science Team meeting in Reston, Va., April 2-5. He gave an invited presentation, "Land Cover/Land Use Change and Socio-Economic Driving Forces in Northern Guatemala."

Interim Provost and Godfrey Professor of Law **Don Zillman** presented a paper, "Civil Military Relations in the 21st Century," at a Bloomsburg State University conference on the Military and Society, May 5. In addition, as a member, Zillman will be attending the annual American Law Institute meetings in Washington, D.C., May 15-16. The American Law Institute is the country's preeminent gathering of legal practitioners, judges and academics to examine law reform.

UMAINE RECEIVES UCEA AWARD

UMaine was selected for the University Continuing Education Association's (UCEA) 2000 Phillip E. Franson Award for Innovative Programming for the 1999 Class Book Project, *Lies My Teacher Told Me: Everything Your High School History Textbook Got Wrong*.

The award was presented at the UCEA's Annual Meeting Awards Ceremony in San Diego.

Offered through CED as a Web-based course (*Lies, Deception and "Heroification"*) under a new INT 490 designator, LIB 500, and a community book discussion program in Portland, Camden and Orono, the credit/non-credit project was recognized for its originality in approach, content, format, mode of delivery and in reaching new audiences.

Elements featured in the nomination included its unique faculty development program for 15 faculty who taught specific lessons; its relationship to the class book offered to all first-year students; the invitation to first-year student parents/family members and retired UMaine staff to participate at reduced fees; the involvement of *Lies* author James Loewen in the Web course, campus visit and public lecture, and in the CED-sponsored dinner, hosted in Fogler Library; the Fogler exhibit of high school texts featured in Loewen's work; electronic marketing strategies; the project's Web pages; and for the Division of Lifelong Learning's staff development program featuring a division-wide discussion of the class book.

Raymond O'Connor, professor of wildlife ecology; and **Joshua Lawler**, post-doctoral research associate, Department of Wildlife Ecology and the Margaret Chase Smith Center for Public Policy, attended the 15th Annual Symposium U.S. Regional Association of the International Association for Landscape Ecology: "Integration of Societal and Landscape Heterogeneity: Problems and Solutions," Fort Lauderdale, April 18. At the session, "The Human Dimensions of a Spatially Explicit Environment," O'Connor presented a paper: "Modeling Human-Environment Interactions at the Local Scale," co-authored by **J.G. Bartlett**, former graduate student; Jennifer Moore, USDA Forest Service, Southern Global Change Program, Raleigh, N.C.; and **Deirdre Mageean**, Margaret Chase Smith Center for Public Policy. Lawler presented a paper, "Natural and Anthropologic Correlates of Butterfly and Bird Species Richness," co-authored by O'Connor and Bartlett.

Dorothy Breen, associate professor of counselor education, presented a workshop on play therapy at the Maine Foster Parent Association's annual conference, March 11, Portland. Breen also participated in a panel discussion, "The Emerging Role of the Clinical Supervisor," at the Maine Counseling Association's spring conference in Rockport, March 27.

Anna Lyon, university trainer for the Literacy Collaborative, presented "Observations that Enhance Literacy Learning" at the Southeastern Reading Recovery Conference, March 9-10, Greensboro, N.C.



Last month, University Credit Union sponsored a campuswide collection of non-perishables, paper goods, cleaning supplies, bedding and personal care items to benefit the Bangor Area Homeless Shelter. From 13 sites, Credit Union staff members collected 24 brimming boxes of food and supplies. The community service project was just one of the activities planned throughout the year by the Credit Union Social Responsibility Committee. Members of that committee are, left to right, Joan Rock, Beth Coffin, Brenda Goodridge, Jay Vetelino, Karen O'Clair, Pat Smith and Wendy Pollard. Not pictured are Kathy Reiling, Kim Daigle and Karen Wood.

FIFTH ANNUAL FACULTY DEVELOPMENT SEMINAR SERIES

The Department of Information Technologies (IT) is coordinating a series of faculty development seminars that will include hands-on workshops and discussions regarding online education and incorporating multimedia into course presentations.

If you would like to attend any of the events listed below, or would like more information about any of the sessions, contact Marcie Noyes, 581-1638 (marcie.noyes@umit.maine.edu).

Workshops held in 215 Little Hall, 121 Lengyel and 318 Boardman Hall are limited to 20 participants.

Monday, May 22

9 a.m.-noon, Bangor Lounge, Union
"Designing and Delivering Synchronous/Asynchronous Courses: Best Practices," by Devon Duhaney and James Berg
1-4 p.m., 318 Boardman Hall
"Using FirstClass Course Conferences and Advanced Features"
 by Robin Shaler

Tuesday, May 23

9 a.m.-noon, 215 Little Hall, "Introduction to Course Info" and
1-4 p.m., "Advanced Course Info" by Devon Duhaney
1-4 p.m., 318 Boardman Hall
"Preparing Images for the Web" by Andrei Strukov

Wednesday, May 24

9 a.m.-noon and 1-4 p.m., 215 Little Hall
"WebCT 2.01 Workshop" by WebCT representatives
1-4 p.m., 35 Shibbes Hall
"Introduction to PhotoShop" by Alan Stubbs

Thursday, May 25

9 a.m.-noon, Bangor Lounge, Union, "Discussion About Copyright and Plagiarism Issues" by Susan Lowe and Christine Whittington
9 a.m.-noon, 215 Little Hall
"PowerPoint for Faculty" by Fran Daly-Griffin
1-4 p.m., 35 Shibbes Hall, "Assistive Technology" by Jim Chiavacci and Ann Smith
2-4 p.m., 121 Lengyel Gym
"Introduction to Dreamweaver" by Owen Smith

Faculty Awards *continued from page 2*

As Distinguished Maine Professor, Allen also was cited for his commitment to issues that affect UMaine and the greater community. Since 1974, he has been a driving force behind the Maine Peace Action Committee, and he has long been a leader of the Peace and Justice Center of Eastern Maine.

Like Gandhi, the man he admires, Allen is a person of conviction who lives his philosophy.

▼ Owen Smith is an accomplished scholar known worldwide for his research of alternative art forms. He also is a teacher who has profound effects on the academic careers and lives of his students.

Students emerge from Smith's classes energized and excited, with a new vision of the world. They also challenge the status quo.

Smith's organization of his courses is the result of years of experience and a willingness to break from the diachronic imperative of so many art history classrooms. He structures classes on themes rather than dates, encouraging students to look at art in new ways. He also requires his students to be producers, rather than just reviewers, of artwork and criticism.

A central part of his pedagogical technique is to have students actively critique the course materials and structure, and even their own performance, in order to become sharper thinkers. His courses are consistent in their innovation, and he demands innovation from his students.

Such self-challenging drive is consistent with Smith's own interest in New Media, a program he helped create at the University. He has not only exhibited his work internationally, but has been involved in the ongoing creation of a theoretical framework for the new, innovative and loosely defined art field.

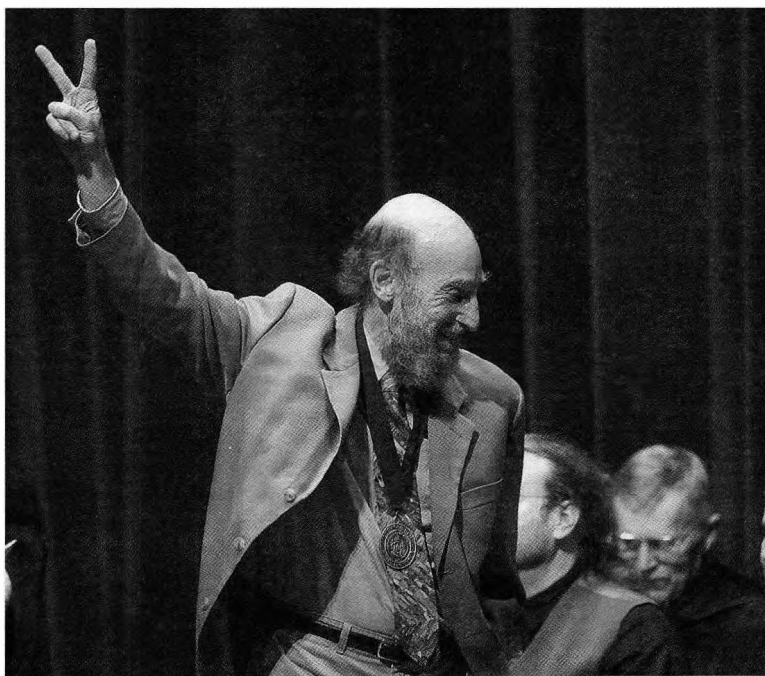
Yet as committed as he is to his own work, the needs of UMaine and the demands of a full teaching schedule, Smith always has time for the individual student, both as an advisor and a mentor.

▼ Research of Rosemary Bamford and Janice Kristo in the field of children's literature, particularly involving the analysis and use of nonfiction texts in reading instruction, is nationally and internationally acclaimed.

Bamford and Kristo have a unique research and teaching partnership that has had a far-reaching effect on Maine teachers in the past two decades. Their scholarship also has improved the quality of reading instruction in elementary schools nationwide.

The two researchers are at the vanguard of scholars who argue that greater reading achievement and lifelong reading habits are best promoted through the use of children's books as instructional tools. Today, Maine is the only state in the country that has a majority of elementary teachers using children's literature as the primary means of reading instruction.

Collectively, Bamford and Kristo have spent 47 years



One of many memorable moments from this year's Academic Honors Convocation.

Photo by Monty Rand

researching and teaching Maine teachers the value of using children's literature in classrooms. Literacy specialists at all levels speak of the remarkable leadership Bamford and Kristo have provided not only in Maine but nationally and internationally.

In the past two decades, either Bamford or Kristo has served a leadership role in every leading state, regional, national or international children's literature organization.

Currently, the two professors of education are the leading scholars in the field of analyzing and using nonfiction literature in elementary reading instruction.

Their two books on the subject are instrumental in

helping teachers understand the theory behind making good instruction choices of nonfiction books.

This year, Bamford is beginning the first year of a three-year, \$4.7 million federal grant for a reading research project to improve reading achievement in the poorest Maine schools.

Kristo has been tapped as co-editor of *Adventuring With Books*, an annotated bibliography of children's literature that is the primary source of librarians and teachers making book purchases.

▼ Walter McIntire's service to Maine educators and communities spans more than a quarter-century. His commitment reflects his land-grant roots and commitment to issues in rural education, his constant advocacy of research-based information for effective decision making, and his unquestionable dedication to public school improvement and educational quality.

McIntire heads the University's research initiatives that support the state's pre-K to grade 12 educational system. His targeted research and outreach have enabled Maine schools and communities to work smarter, serve children better, and forecast future needs and opportunities.

The Center for Research and Evaluation that he founded and directs has brought national recognition to the University. His expertise and the Center's research are considered fundamental to local school reform, and have enabled educators to take a proactive role in policy development affecting their schools and students.

McIntire also co-directs the Maine Education Policy Research Institute, established in collaboration with the University of Southern Maine at the request of the legislature. The institute provides impartial research, assessment and projections lawmakers need to accurately evaluate educational needs, services and outcomes.

Due in large part to McIntire, Maine's educational leaders know that effective policy is not made in isolation or without credible data. The discernment educators employ will determine the future of Maine and its citizens. ▲

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) 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 possibly Associate) Professor, Department of Chemical Engineering. Review Begins: 7/1/00. Contact: Send curriculum vitae, statement of teaching and research interests, and names and addresses of three referees to: Chair, Faculty Search Committee, Department of Chemical Engineering, 5737 Jenness Hall, Orono, ME 04469-5737.

Assistant Professor (one-year sabbatical replacement), Department of Communication and Journalism. Review Begins: 5/15/00. Contact: Send letter of application, vita, three letters of recommendation, and supporting materials, such as published and unpublished research, teaching evaluations, and course syllabi to: John Sherblom, Search Committee Chair, Department of Communication and Journalism, 5724 Dunn Hall, Orono, ME 04469-5724. Email: john@umaine.edu

FALL 2000 teaching position(s), Department of Chemistry. Instructors are needed to teach two sections of CHY 121 (Intro. to Chemistry) during the Fall 2000 semester. Qualifications: Ph.D. in chemistry preferred. Contact: Send letter of interest and resume to: Barbara Cole, Department of Chemistry, 5706 Aubert Hall, Orono, ME 04469-5706. For more information or a detailed job description, contact Cole at 581-1188 or 581-1169 or cole@umaine.edu

PROFESSIONAL

Technical Director, Maine Center for the Arts. Deadline for Applications: 5/15/00. Start Date: 6/1/00. Salary Range: \$33,000-\$37,000. Contact: Director, 5746 Maine Center for the Arts, Orono, ME 04469-5746.

Network Administrator, Departments of Mechanical Engineering and Civil and Environmental Engineering (joint position). Salary Range: \$34,000-\$35,000. Review Begins: 5/15/00. Contact: Send complete application, which includes letter of intent, resume, transcripts and three letters of reference, to: Donald Grant, 5711 Boardman Hall, Orono, ME 04469-5711.

Maine Educational Talent Search Counselor, Maine Educational Talent Search. Reappointment contingent on external funding. Salary Range: \$23,677-\$27,319. Review Begins: 5/19/00. Contact: Send resume, letter of application, and names, e-mail addresses, and phone numbers of three references to: Search Committee, Maine Educational Talent Search, Room 314, 5713 Chadbourne Hall, Orono, ME 04469-5713.

Parent Education Professional, Position #73, The University of Maine Cooperative Extension. Half-time position, located in Somerset County Extension Office in Skowhegan. Renewal contingent on funding. Salary Range: \$14,000-\$15,000. Review Begins: 6/1/00. Contact: Additional qualifications, both required and preferred, are listed in the complete ad and job description available from Sandra Vaillancourt, Room 103, 5741 Libby Hall, Orono, ME 04469-5741, Telephone: 1-800-287-0274, 207/581-3191; Fax: 207/581-3325; E-mail: sandyv@umext.maine.edu or UMaine Web page (www.umaine.edu/hr/jobs/umce). Send letter of intent, resume, a list of names, addresses, and telephone numbers of five references to above address.

GLB STUDIES BEING EXPLORED

A Learning Circles 2000 proposal funded through the Center for Teaching Excellence is exploring the development of a concentration in Gay, Lesbian and Bisexual (GLB) Studies. GLB Studies is an emerging field of scholarship that addresses issues from interdisciplinary and multicultural perspectives.

Faculty and staff interested in teaching topics courses related to GLB Studies are asked to contact Sandy Caron, one of six faculty members who submitted the proposal. To express interest in teaching a topics course or for more information, contact any of the following members of the University community via FirstClass: Sandy Butler, Sandy Caron, Sandy Gardner, Sandra Haggard, Sandra Sigmon, Sandra Tardiff.

Dining Service Manager (2), Student Auxiliary Services, Dining Services.

Salary Range: \$34,000-\$38,120. Review Begins: 5/12/00 Contact: Send letter of application, resume, and names of three references to: Edward Nase, Director, Dining Services; Chair, Dining Service Manager Committee, Room 101, 5734 Hilltop Commons, Orono, ME 04469-5734.

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). 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).

University Club *continued from page 16*

Just below the Lynch Room on Fogler's first floor, the Oakes Reading Room is being renovated into a café for students and the campus community. It is expected to open in early August.

The facility, to be operated by Dining Services, will offer extensive beverage service and pastries similar to what is now available at the Union Coffee Shop.

Fogler Library continues to prohibit patrons from bringing food or beverages into the library. Patrons of the Lynch and Oakes rooms will not be permitted to take any purchases into the library. Arrangements are being made to allow students, faculty, staff and guests to stop by the Oakes Room and purchase a beverage or pastry prior to their departure from the Library. ▲

THIRD ANNUAL WITTER FARM OPEN HOUSE

The third annual Open House and Compost Sale at UMaine's Franklin J. Witter Teaching and Research Farm is Saturday, May 13, 9 a.m.-3 p.m.

The open house will feature dairy and horse showmanship, a cattle and sheep show, draft horse plowing demonstration, jumping and dressage demonstrations, and activities for children.

The Farm is located at 572 College Ave., in Old Town, two miles from the University of Maine campus. Admission is free. More information is available by calling 866-0083.

STUDENT OUTSTANDING ACHIEVEMENT AWARD RECIPIENTS 2000

Ten undergraduate and graduate students who received degrees or who anticipate receiving degrees this year were presented University of Maine Outstanding Achievement Awards for non-academic endeavors. Students were nominated by faculty and staff for outstanding leadership in community service, campus citizenship, athletic achievement, or work in arts and communication media. Award recipients are:

Community Service

Erin Flynn
James Leger
Kelly Parker

Athletic Achievement

Andrew Bedard
Jamie Cassidy
Sara Jewett

Campus Citizenship

Shontay Delaue
Sean Murphy
Willow Wetherall

Arts and Communication Media

Sean Fidler

Heritage Map *continued from page 1*

send us significant, interesting, and humorous stories connected with these places that form part of the University's heritage, both yesterday and today.

"Success breeds success, and our students and staff need to know about their distinguished predecessors and companions," she says.

Once major points of interest are determined, a new campus map will be printed. By September, the committee hopes to have historical plaques made for a number of campus landmarks.

By offering details and context, the map is expected to be a unique source of information and the inspiration for impromptu walking tours.

"The maps and plaques project is about bringing an esprit de corps back to campus," says Smith, author of *The First Century: A History of the University of Maine, 1865-1965*. "We're hoping to give a map to every incoming first-year student, and distribute them at Homecoming and on Family and Friends Weekend. As people walk through campus and look at our buildings and historical sites, a feeling about the campus will resonate.

"When people unfold this map, we hope they see something new, and see the campus in a new way," says Smith, who used to offer two-hour narrated history tours of campus. "They will get a better appreciation and understanding of how the University is connected to the past and the future. Members of the University community and visitors should get a sense of continuity in the place and the people in it.

"They will see that the campus is more than just a place to park their car for classes."

The map is the first step in gathering information about campus buildings and landscape, and conveying a sense of the campus' historic importance. It will provide a connection to the past and to the people who came through UMaine, says Martha McNamara, assistant professor of history who specializes in architectural and landscape history. This inventory should then become part of a comprehensive master planning project for the campus. The key is in maintaining historic integrity while planning for the future.

"The voice of historic preservation can work in concert with other calls for campus improvements such as traffic and infrastructure," McNamara says. "But they also need to be done together with long-range maintenance plans. Without understanding the history of the buildings and landscape, we can make some big mistakes that cannot be rectified.

"What I came to realize is that there isn't a strong voice for historic preservation on campus," says McNamara, a member of the Maine Historical Preservation Commission. "The controversy over the Hitchner elm tree last summer indicated to me that rather than becoming embroiled in conflicts that are potentially embarrassing, we can do a better job of campus planning and act as better stewards of the campus' historic resources."

A campus heritage map is overdue, say Hal Borns, professor of geological sciences and Quaternary studies. "I have been on campus since 1955 and have seen the campus evolve from something quite small to what it is today. Because we are bigger, students often don't see all of it but rather that area associated with their academic discipline. There is a lot on the rest of the campus they should be proud of.

"The campus and the activities of the campus have put this University in a great position over the years," Borns says. "Throughout time, exciting contributions have been made by this University to the state and the world. Looking at the history of the campus and what evolved over time will tell us why, today, the University is a very exciting place."

Borns is just one of a number of faculty members in the natural sciences who uses the campus as living classroom. For geological sciences students, Borns developed a geological walking tour that includes points of interest like the Indiana limestone used on Fogler Library. Similarly, students in landscape horticulture have tapped the natural heritage on campus.

"I've had experience teaching about woody plants all over the country," says Reeser Manley, assistant professor of horticulture, biosystems science and engineering. "When I came to campus two years ago, I found one of the most diverse campuses, in terms of natural materials for teaching. We have 70 distinct varieties of trees on this campus, including up to 50 that are either one-of-a-kind, like the Japanese northern hemlock outside Deering Hall, or exceptional specimens, like the American elm outside Hitchner Hall or the white ash across from Rogers Hall.

"However, we need a sound campus tree management program, including planting and maintenance plans that will ensure continued diversity and allow our campus trees to thrive."

The faculty committee comes to these natural heritage and historical issues in the spirit of the land-grant mission, says Smith. "We see the development of a long-range campus plan as a way to fix that mission in place.

"Everyone wants a sense of belonging to something that's real, and in this case, what's real is what has been here and will be here," Smith says. ▲

Budget *continued from page 1*

departments, agencies, programs and institutions. The budget covers the remainder of the current budget year, which ends June 30, and the next budget year, July 1-June 30, 2001.

The Maine House and Senate had sent the budget package to Gov. King for his signature on April 24, following months of hearings, work sessions, and debate.

The University of Maine System received \$22.4 million in additional funds as a result of the supplemental budget. That amount is believed to be the largest supplemental budget appropriation the University System has received in its 32-year history. All but \$4,150,000 of that total is available for one-time expenditures, namely specified capital improvements throughout the System.

UMaine benefits from two of the largest provisions in the budget agreement. The \$4 million approved for compensation increases will be allocated to System employees based on stipulations of their respective collective bargaining agreements.

The \$9 million earmarked for Aubert Hall renovation is the largest amount within the System's appropriation. State funds will be used, along with University funds and private donations, to create a facility that more adequately addresses the programmatic and functional needs of the University, and which will also satisfy all contemporary code and access standards. Total cost of the project, which will be conducted in phases, is expected to be nearly \$24 million.

Built in 1914, Aubert Hall is UMaine's center for chemistry activity. Annually, more than 1,600 students take classes there.

At an open meeting featuring area legislators held May 2 on campus, UMaine President Peter Hoff, chemistry professor François Amar, staff associate Suzanne Moulton, and Donna Thornton of UMaine's General Alumni Association, publicly thanked State Sen. Mary Cathcart and local State Representatives Kathleen Stevens, Matthew Dunlap and Daniel Williams for their advocacy of UMaine's needs.

Details of the state supplemental budget as it pertains to UMaine can be found on the Web (www.umaine.edu/leglink). ▲

Valedictorian *continued from page 10*

found herself bringing "the best of my educational experience and growing knowledge to the choir and music program," she says. "Because of the University experience, I had so much more to offer, not only in music but in all interactions with people."

In her full-time job as a pastoral musician at St. Mary's Church, which she has held for the past 12 years, Jellison directs a choir of 40, the 38-member youth choir, a cantor program of 14 singers, a quartet and other instrumentalists. Throughout Maine's Catholic diocese, she is a resource for other church musicians.

For the last eight of those years, Jellison also has taken classes part time. As a music education major, she took her courses in the School of Performing Arts during the academic year, electives in the summer.

Many evenings would find Jellison and her two sons, Dana and Matthew, gathered around the same table doing homework and editing each other's papers. It also wasn't unusual to find Jellison on the phone, talking into the night to help a young classmate understand the analytical orchestration of a Beethoven symphony.

Dana's wife, Sabrina, finished her master's degree in speech therapy at UMaine. Jellison's son, Matthew, is now a sophomore working on a bachelor's degree in English.

"There were times when my husband, Al, would suggest we go to a movie but I had to study. He always understood. And the boys knew how much this degree meant to me. We are a close family, and they deserve this honor at Commencement as much as I do."

In the past three years, Jellison also had a special source of inspiration. Jellison's mother, Lorraine, came from Chicago to live with the family in Dedham when she was diagnosed with a terminal illness and needed full-time care. For Jellison, a nursing home for her mother was not an option.

"I wanted to care for her in the last years of her life," she says. "I had help during the day. At night, we had dinner and spent time together until she was ready for bed at 10 p.m. Then I'd study to the early morning hours. I'd get up early and if Mom was awake, I would visit with her and start breakfast until the caregiver arrived. Then I would go to work, to class, back to work, and then home. Sometimes I would try to do my homework while sitting next to Mom in the evenings, but most of the time we ended up visiting."

April 2, Jellison's mother died. She didn't know that her daughter would be UMaine's valedictorian. But she did know that Jellison would be completing a degree, and she was very proud.

"She knew all these years that I was working on this degree and she was proud of me," Jellison says. "I'd often read my papers to her. Looking back, I wouldn't change one minute of these past three years because it meant so much to have her here, with all her love, support and encouragement."

"My Mom was a beautiful person; her smile would light up the room. She was a powerful role model for me. She raised eight children under very difficult circumstances. She had qualities such as honesty, wisdom, strength, courage and patience. Her great faith in God was unshakable. I know I will always feel her loving spirit with me."

"My Mother shared an old saying, 'Good, better, best. Never let it rest until good is better and better is best.' I heard that as a child, but it impacted me most in the last three years. Now my lifelong dream has come true."

Jellison has already taken some graduate courses, all while maintaining a 4.0 grade point average. This fall, she will be a graduate student in choral conducting. ▲

Salutatorians *continued from page 11*

"My first day in a biology class my first semester, I was sitting in Corbett Hall, the lights went down for the lecture/overhead presentation. All I could think of was 'here I am after so many years.'"

Pellerin found herself "enjoying being around 20-year-olds" because they are so positive, open and accepting. "In teaching, that's a good lesson to learn," she says.

In turn, with her strong work ethic, Pellerin was a role model for the traditional students.

"I do have a work ethic, plus I love to learn," she says. "I've enjoyed every class. Studying for me is a pleasure."

In the last four years, that studying often has been done across the table from her three sons, ages 11-17 – Nick, Daniel and Greg.

Pellerin completed her student teaching this semester at Newburgh Elementary School. For much of the remainder of the semester, she is teaching third grade in the school.

"Anytime I'm in the classroom working with children, I reaffirm my decision to become an educator," she says.

The valedictorian of York High School in 1995 is now a salutatorian at the University of Maine.

Hollie Gowen of York is graduating with a bachelor's degree in journalism. Journalism is a natural pursuit for Gowen, who was active on her high school paper. Gowen's sister received a degree in journalism from Syracuse University and now writes for *Parents* magazine.

Gowen came to UMaine in 1997. In the past three years, she has been a *Maine Campus* reporter. Her academic achievements have been recognized with two Edward M. Holmes Scholarships and a Maine Press Association Scholarship.

Gowen attributes her academic success to "a good work ethic and a good memory. I'm always pretty motivated to do the best I can," she says.

Among her most memorable news stories was recent a co-bylined piece on hunger.

"Kathryn Olmstead and Marie Tessier were the two most influential faculty on me," she says. "They have two different styles – Olmstead low-key yet always encouraging, Tessier hard-nosed with a set style I still write in."

In addition to finding her niche in journalism, Gowen discovered the challenges of the Honors Program.

"Honors made me think and work, challenging me in areas different from the regular curriculum," says Gowen, whose honors thesis focuses on the media's portrayal of the strategic bombing campaigns of World War II.

At UMaine, Gowen also has been an active member of Chi Omega sorority. Following graduation, she and two other graduating seniors from the sorority are moving to Boston. ▲

Campuswide Calendar

If you are planning an event and want to check for other activities scheduled at particular days and times, visit the Master Calendar (<http://calendar.umaine.edu>) or call 581-3745.

Seedling Sale – Annuals and Perennials

sponsored by the Landscape Horticulture Club

Friday-Saturday, May 12-13

FRIDAY 9 a.m. - 4 p.m., DEERING HALL

SATURDAY 9 a.m. - 4 p.m., WITTER FARM DURING OPEN HOUSE

For more information, call 581-2938

William T. Grant

Foundation awards five years of support to junior faculty whose research furthers the healthy development of adolescents and young adults. Investigators in health, social and behavioral science, marketing, and communication disciplines are invited to propose research focused on youth development, systems affecting youth, or the public's

h. Deadline: July 1.

**National Science Foundation's
Integrative Graduate Education and
Research Traineeship Program**

funds innovative models of research-based doctoral education in emerging areas of science and engineering. Proposed activities must be organized around a multidisciplinary research theme. Preproposals are due July 19.

National Science Foundation's Faculty Early Career Development Program has undergone significant

changes in eligibility criteria, award size and duration, and proposal guidelines. Five-year awards support integrated research and education plans. Eligible applicants are employed in a tenure-track position as of Oct. 1, 2000; entered their first such position after Oct. 1, 1996; and earned their first doctorate after Oct. 1, 1992. Deadlines vary by program between July 25 and July 27.

Fats and Proteins Research

Foundation supports research of interest to the rendering industry, particularly to improve the utilization of animal byproducts. Current projects include studies in animal nutrition, investigations of chemical and microbiological modifications to increase value and applications, and research to improve environmental outcomes of rendering processes. Deadline: Sept. 15.

U.S. Department of Energy invites preapplications for support of collaborative partnerships between researchers in DOE/EPSCoR states and their colleagues at DOE's National Laboratories, facilities, and centers. Awards will be up to \$150,000 annually for periods of one to three years. Deadline: Oct. 3.

National Institutes of Health and National Aeronautics and Space Administration co-sponsor ground-based research on biomedical and behavioral problems relevant to human space flight. Areas of interest include neuroscience, musculoskeletal biology, immunology, cardiovascular functioning, integrative physiology, and cognition and problem solving under stress and isolation.

**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)).**

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 to subscribe)
- ▼ UMaine Today on FirstClass
- ▼ On the Web at: www.ume.maine.edu/~paffairs/releases/today.html

IACUC BIENNIAL TRAINING/ORIENTATION PROGRAM

The Institutional Animal Care and Use Committee's (IACUC) spring offering of its biannual training/orientation program on the care and use of animals will be Wednesday, May 10 (Maine Day), 1-2:30 p.m., 427 Corbett Hall (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 approved Animal Welfare Assurance. All faculty, staff and students who work with live, vertebrate, non-human animals are required to participate in the program. The 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 in the Office of Research and Sponsored Programs, x1498, for registration information.

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETINGS

The Institutional Animal Care and Use Committee (IACUC) would like to remind investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use.

The next IACUC meeting date is May 16. 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

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.

What's Ahead

CLASSES END
May 12

FINAL EXAMS
May 15-19

**EMPLOYEE RECOGNITION
AND AWARDS BANQUET**
May 23

**EMPLOYEE RETIREMENT
BANQUET
May 24**

"I LOVE YOU, YOU'RE PERFECT, NOW CHANGE"
June 3

MANIFESTO Perspective

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