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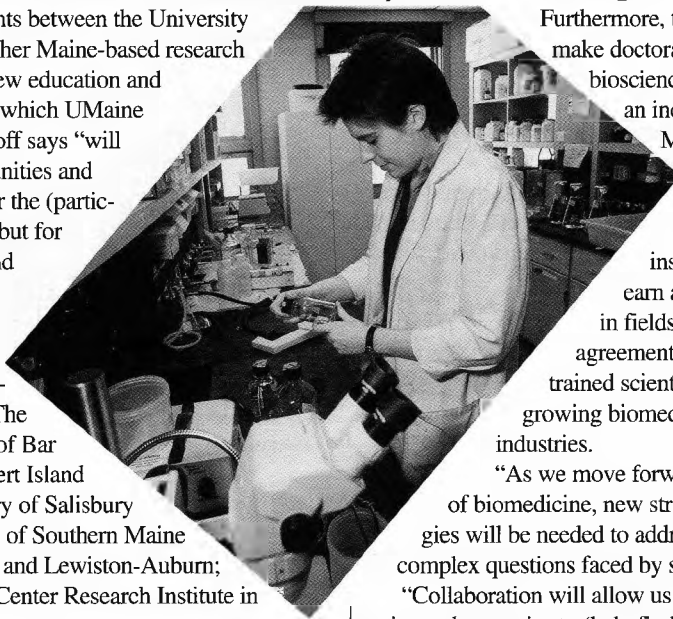
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Cooperative Graduate Studies Program forms a new statewide education, research partnership

Separate agreements between the University of Maine and four other Maine-based research institutions form a new education and research partnership which UMaine President Peter S. Hoff says "will provide new opportunities and benefits – not just for the (participating) institutions, but for the state of Maine and perhaps beyond."

The Cooperative Graduate Studies Program is a collaboration that includes The Jackson Laboratory of Bar Harbor; Mount Desert Island Biological Laboratory of Salisbury Cove; the University of Southern Maine in Portland, Gorham and Lewiston-Auburn; and Maine Medical Center Research Institute in Portland.

Under the agreements, UMaine faculty members and graduate students in the fields of biology, chemistry, physics, engineering, computer science and mathematics will collaborate with researchers at the four institutions on projects related to biology and biomedicine. In return, certain researchers at the four institutions will be granted graduate-level adjunct faculty status and will work in their respective areas of expertise with graduate students and undergraduates at UMaine.



Furthermore, the agreement will make doctoral-level education in the biosciences available to satisfy an increasing demand in Maine. Employees – and, in USM's case, employees and students – of the four institutions will be able to earn a Ph.D. from UMaine in fields of study related to the agreement, creating more highly trained scientists to support Maine's growing biomedical and biotechnology industries.

"As we move forward in the broad field of biomedicine, new strategies and technologies will be needed to address the increasingly complex questions faced by scientists," Hoff says.

"Collaboration will allow us to develop new synergies and strategies to (help find answers to those) questions," he says.

By sharing expertise and resources, the institutions in the program hope to increase their ability to compete at the highest level for the opportunity to conduct cutting-edge research.

"Under these agreements, collectively we will compete for a larger pool of federal research funds," Hoff says. "By becoming more competitive for those funds, we increase significantly the opportunities for millions of dollars in federal investment to our state."

Such an investment, at the very least, creates new jobs and new spending in-state, strengthening the Maine economy. It also is investment which, at the very best, creates entire new industries for Maine and contributes to medical breakthroughs that benefit humanity, Hoff adds.

The University has statewide teaching, research and outreach responsibilities. The Carnegie Foundation for the Advancement of Teaching classifies UMaine as a "doctoral research extensive" university, the top classification. Only four percent (148) of the nation's 3,800 accredited universities and colleges have received that top classification. ▲

University has a new look on the Web

UMaine's Web site (www.umaine.edu) has a new look.

The Marketing Department, which maintains the site, has put new architecture and a navigational system in place to create a dynamic homepage for the University. The redesigned top-level page offers access to UMaine news headlines, spotlight features, "quick links" to popular campus destinations – even streaming audio of the *Stein Song*. A portal system links users to six primary information centers dedicated to prospective students, current students, research, visitors/alumni, faculty/staff, and outreach.

The new architecture is found on the first and second tiers of the site. UMaine departments and others with Web pages that are official publications of the University of Maine will incorporate aspects of the new format and navigational system. Guidelines, templates and artwork for redesigning UMaine-affiliated Web pages are available on the University's Web help pages.

For more information, contact UMaine Webmaster Howard Mosher (umweb@maine.edu). ▲

In Perspective

2 Alumni House

8 Tenure and Promotion

Cover photo by Matthew Hakola

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



Groundbreaking set for Buchanan Alumni House

A groundbreaking ceremony this spring will launch the construction of a \$4.5 million Alumni House, made possible by the largest private fund-raising effort in the University's history.

UMaine alumni and friends donated thousands of gifts and pledges that total more than \$7 million, which allows for the establishment of an endowment. Alumni House, named in honor of Dr. Robert D. Buchanan, Class of '44, is the first UMaine building to have an endowment for its perpetual care and maintenance.

A groundbreaking ceremony for Alumni House is set for 2 p.m., Friday, May 4. Construction is expected to take 14 months. The hope is that the facility will be open when students begin the fall 2002 semester.

"This is a building that will help market the University," says Jeff Mills, president and executive director of the Alumni Association. "Our hope is that Alumni House will be a resource that faculty, staff, the community and alumni will want to use. It will be the setting of major campus functions and announcements, the 'place to call home' for alumni and the holder of the traditions for students and the institution.

"Many alumni think of UMaine as their second family. That's why this project was so popular."

While most of the fund raising occurred in the past four years, alumni have been anticipating the project for more than a decade. The first donation to the project was made 10 years ago.

In recent years, a \$1 million naming gift came from Robert Buchanan, a first-generation college student who grew up in Caribou and had a career as a dentist before retiring in California.

The 32,000-square-foot facility is designed by the Bangor-based

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A scale model of Dr. Robert D. Buchanan '44 Alumni House shows the facility as it will face College Avenue.

Barrett Fund to sponsor Garden Show Preview Night

The Bangor Garden Show, Thursday-Sunday, March 29-April 1, will open with a Preview Night and the introduction of the first University of Maine recipient of the Ellen Louise Payson Scholarship, established last year by Bangor Beautiful and patrons of the Bangor Garden show.

Preview Night, 6-9 p.m. March 29, is sponsored by The Robert and Catherine Barrett Fund for Landscape Horticulture at the University of Maine in Memory of Beatrix J. Ferrand.

Students in the Landscape Horticulture Society are selling tickets for Preview Night. Tickets are \$25, with \$3 from every sale benefiting the Ellen Louise Payson Landscape Horticulture Scholarship for landscape horticulture majors.

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Historical Maine census data available on Fogler Web site

Two hundred years of census population totals and selected information about Maine towns and counties are now available to the public through a new Web page by Fogler Library. The Maine Census Data page (www.library.umaine.edu/census/) includes information about Maine's population trends between 1790 and 1990.

The site will

be useful for students,

teachers, public administrators

and others who need information about Maine's population trends.

Previously, such information was found in published documents that had to be searched separately. The database does not contain family information that might be useful for genealogy studies.

Users can search for information in the census database in a variety of ways. Searching can be done on a decade-by-decade basis for specific towns or by towns that had increasing or decreasing populations over a range of years. The site also contains historical maps showing county jurisdictional boundaries.

Information in the database can be used to reveal a detailed picture about Maine history. Tables on the "Original Concept" page, for example, show that the number of Maine's civil jurisdictions grew

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MAINE PERSPECTIVE PUBLISHING SCHEDULE

Publication dates and deadlines for spring issues of *Maine Perspective*:

April 9 (copy deadline March 30); April 23 (copy deadline April 13);

May 7 (copy deadline April 27).

MAINE Perspective

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Calendar

<http://calendar.umaine.edu>

MAINE

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

MARCH 30 – APRIL 14

30 Friday

Introduction to PageMaker, a Fogler Library workshop, 9-11 a.m., March 30, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

"The Role of Iron in Phytoplankton Growth: From High Nutrient-Low Chlorophyll Regions to Harmful Algal Blooms," by Charlie Trick, Department of Plant Sciences, University of Western Ontario, part of the School of Marine Sciences Seminar Series, 11 a.m.-noon, March 30, 100 Bryand Global Sciences Center. x4381.

"Notes from Exile," group discussion of Clive Doucet's portrait of Acadian identity, part of the Franco-American Studies Brown Bag Luncheon Series, 12:15-1 p.m., March 30, FFA Room, Union. x3791.

"Strategies for Handling Spatial Uncertainty Due to Control," by Thomas Windholz, candidate for Ph.D. in spatial information science and engineering, 2 p.m., March 30, 326 Boardman Hall.

"Surface Studies of Bulk and Nano-Scale Layered Semiconductor Materials," by Stephen Keltz, Department of Chemistry, Seton Hall, a Department of Chemistry Colloquium, 2 p.m., March 30, 316 Aubert Hall. x1169.

"Ethics as the Foundation For Leadership Greatness," part of the Friday Forum series, 3-5 p.m., March 30, Hole in the Wall, Union. x1793.

International Coffee Hour, 4-5 p.m., March 30, Bangor Lounge, Union. x2905.

Opera Workshop Performance of Mozart's *Così fan tutte*, part of the School of Performing Arts season, 7:30 p.m., March 30, Cyrus Pavilion Theatre. Admission Fee. x1755.

31 Saturday

Spruce Run Chocolate Party, a benefit event, part of the Women's History Celebration, 7-9 p.m., March 31, University College Center, Bangor. Admission Fee. x1228.

Opera Workshop Performance of Mozart's *Così fan tutte*, part of the School of Performing Arts season, 7:30 p.m., March 31, Cyrus Pavilion Theatre. Admission Fee. x1755.

Hours for the Depot Recycling and Redemption Center: noon-6 p.m., Monday-Friday; 10 a.m.-2 p.m. Saturday. For more information, call Denny Grant, x3076.

The Maine Event: Concert by Ani Difranco, part of the Women's History Celebration, 8 p.m., March 31, Hutchins Concert Hall, Maine Center for the Arts. Admission Fee. x1793.

April

1 Sunday

University Singers in Concert, part of the School of Performing Arts season, 2 p.m., April 1, Minsky Recital Hall, Class of 1944 Hall. Admission Fee. x1755.

2 Monday

"Trade-offs Between Growth and Reproduction in Northern White-tailed Deer in Relation to Regulating and Limiting Factors," by Michel Crête, Societe de la fauna et des parcs du Quebec, part of the Wildlife Ecology Noontime Seminar Series, noon, April 2, 204 Nutting Hall. x2862.

Student Employee Appreciation Luncheon, highlighted by the presentation of awards for undergraduate and graduate student employees of the year, noon, April 2, Wells Conference Center. x1349.

Brown Bag Discussion Series, 12:15-1 p.m., April 2, Bangor Lounges, Union. x1793.

"Educational Apartheid in Maine: The Maine Indian Experience," by Donna Loring, Penobscot representative to the Maine Legislature (a lecture rescheduled from March 5), part of the Women's History Celebration, 4 p.m., April 2, Mahogany Room, Wells Conference Center. x1228.

UMaine Class of 2005 Reception, reception for fall 2001 incoming new students, 6:30-8 p.m., April 2, Wells Conference Center. x1826.

Performance by SNL Comedian Jim Breuer, 8-9 p.m., April 2, Hutchins Concert Hall, Maine Center for the Arts. x1793.

3 Tuesday

Access Queries, an IT workshop, 9-10:50 a.m., April 3, 215 Little Hall. Reservations required. x1638.

VALIC Group Meeting for Employees, by Jane Brann, retirement planning specialist, 11 a.m.-3 p.m., April 3, 220 Corbett Hall.

FrontPage I, a Fogler Library workshop, 1-3 p.m., April 3, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

Relaxation and Meditation Series, 4-5 p.m., April 3, Drummond Chapel, Union. x1392.

GLBTQ: Coffee Talk, 7-8:30 p.m., April 3, 207 Little Hall. x1793.

"Humor, Religion and Philosophy," by Lee Siegel, Religion Department, University of Hawaii and UMaine's Marshall Dodge Memorial Philosophy Lecturer, 7 p.m., April 3, 100 Neville Hall. x3860.

Performance by Howie Day, part of the Java Jive series and the Spring Fling Week celebration, 8-10 p.m., April 3, Wells Conference Center. Admission Fee. x1793.

4 Wednesday

Introduction to PhotoShop, a Fogler Library workshop, 9-11 a.m., April 4, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

"Art, Power, and Language in French Canada," featuring the presentation of three papers: "'Des dialogues curieux': Literary Device and Ethnographic Discourse in the Works of Lahontan" by Susan Pinette; "Acadian Poetry through Political and Social Evolution" by Lise Pelletier; and "A Watershed of Words: Litigating and Negotiating Nature in the Eastern James Bay Region, 1971-1975" by Hans Carlson, part of the Alice R. Stewart Canadian Lecture Series, noon-1:30 p.m., April 4, Dexter Lounge, Alford Arena. x4220.

"Balancing Research and Teaching," a Center for Teaching Excellence New Faculty Luncheon with John Hwalek, Bill Livingston and Elise Turner, noon-1:30 p.m., April 4, Mahogany Room, Wells Conference Center. Registration required. x3472. For faculty at UMaine fewer than three years.

Food for Thought Series, noon-1 p.m., April 4, FFA Room, Union. x1392.

"Constructing Women's Status: Policy Discourses of Gender Equity Initiatives in Higher Education," by Elizabeth Allan, assistant professor, Higher Education Leadership, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., April 4, Bangor Lounge, Union. x1228.

La Vita E' Bella, part of the Cinematique film series, 7-9 p.m., April 4, Devino Auditorium, Corbett Business Building. Admission Fee. x1793.

"The Music and Letters of Fanny and Felix Mendelssohn: Sibling Revelry and Rivalry," by Laura Artesani, Francis John Vogt and Emily Burns, part of the Women's History Celebration, 7 p.m., April 4, Minsky Recital Hall. Admission Fee. x1228.

5 Thursday

"Politics and Contemporary Poetry," by Ben Friedlander and Steve Evans, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., April 5, Levinson Room, The Maples. x3860.

"A Wall of Refuse and Anti-Wal Mart Activism," by alumnus and artist Wally Warren, part of the Department of Art Visiting Lecture Series, 7 p.m., April 5, 202 Carnegie Hall. x3245.

6 Friday

"Brain Brew: Scientific Principles for Thinking Smarter and More Creatively," by alumnus and author Doug Hall, founder of Eureka! Ranch, part of the 51st Annual Pulp and Paper Foundation Open House, 9:30 a.m.-noon, April 6, Wells Conference Center. Reservations required. x2297.

"Patterns, Causes and Consequences of Spore Dispersal in the Giant Kelp *Macrocystis pyrifera*," by Dan Reed, Marine Science Institute, University of California-Santa Barbara, part of the School of Marine Sciences Seminar Series, 11 a.m.-noon, April 6, 100 Bryand Global Sciences Center. x4381.

"Zebrafish: A Hook into Human Functional Genomics," by Keith Hutchison, a Department of Chemistry Colloquium, 2 p.m., April 6, 316 Aubert Hall. x1169.

Ongoing Events

Exhibits/Demonstrations/Tours

Department of Art Student Exhibition, a Museum of Art exhibit, April 20-May 11, Carnegie Hall. x3255.

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

Entertainment

Taking Steps, by Alan Ayckbourn, a Maine Masque production, 7:30 p.m., April 18-21; 2 p.m., April 21-22, Hauck Auditorium. Admission Fee. x1755.

Meetings of Groups/Organizations

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

Fellowship Meal, 5:30 p.m., every Thursday, Wilson Center. 866-4227.

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

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

Gay/Lesbian/Bisexual/Transgender/Questioning Discussion Group, meets every Monday, 6 p.m., Old Town Room, Union. x1793.

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

Maine Peace Action Committee (MPAC), meets every Monday, 3:30-5 p.m., Maples Building.

Muslim Prayer, noon-2 p.m., every Friday, Drummond Chapel, Union. x1793.

Wednesday Prayer and Meditation, 1-2 p.m., offered by the Wilson Center, Drummond Chapel, Union. 866-4227.

"Migratory Orientation: An Elegant Mix of Innate Rules and Learning,"

by Kenneth Able, Department of Biological Sciences, SUNY-Albany, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., April 6, 102 Murray Hall. x2970.

International Coffee Hour, 4-5 p.m., April 6, Bangor Lounge, Union. x2905.

Peter Schickele - The Jekyll and Hyde Tour, part of the Maine Center for the Arts performance season, 8 p.m., April 6, Hutchins Concert Hall. Admission Fee. x1755.

7 Saturday

Backcountry Skiing on Mount Washington, offered by Maine Bound, April 7. Admission Fee. Registration required. x1794.

Introduction to Rock Climbing, offered by Maine Bound, April 7. Admission Fee. Registration required. x1794.

Whitewater Tune-up Day, offered by Maine Bound, April 7. Admission Fee. Registration required. x1794.

Annual AAUW Used Book Sale, offered by the Penobscot Valley Branch of AAUW, April 7, Church of Universal Fellowship, Orono. 866-2881. Early bird sale 8-9 a.m. for small admission fee.

Softball: UMaine vs. Drexel, noon, April 7. xBEAR.

Men's and Women's Track: UMaine vs. UNH, 1 p.m., April 7. xBEAR.

The Maine Event: Inflatable/Foam Party, part of the Spring Fling Week celebration, 6 p.m.-midnight, April 7, Field House. x1793.

8 Sunday

Softball: UMaine vs. Drexel, noon, April 8. xBEAR.

Faculty Recital by Beth Wiemann, part of the School of Performing Arts season, 7:30 p.m., April 8, Minsky Recital Hall. Admission Fee. x1755.

9 Monday

"Implications of Recent Research on the Management and Recovery of Endangered Northwest Atlantic Roseate Tern," by Jeff Spendelow, USGS Patuxent Wildlife Research Center, Laurel, Md., part of the Wildlife Ecology Noontime Seminar Series, noon, April 9, 204 Nutting Hall. x2862.

Brown Bag Discussion Series, 12:15-1 p.m., April 9, Bangor Lounges, Union. x1793.

Free Tax Assistance from VITA, 2-5 p.m., April 9, 117 Corbett Business Building. x1982.

End of Second-Third of Semester for Withdrawals, 4:30 p.m., April 9.

10 Tuesday

Registration for Fall Classes Begins.

Presentation by Prexar President Daniel Doiron, part of the Emerging Business Issues for Maine Series, 7:30-9 a.m., April 10, Bangor Motor Inn and Conference Center. Admission Fee. Reservations required. x1968.

Access Reports, an IT workshop, 9-10:50 a.m., April 10, 215 Little Hall. Reservations required. x1638.

Image Ready and Web Graphics, a Fogler Library workshop, 1-3 p.m., April 10, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

"Understanding the Rhythms of the Group," part of the Tuesday Talks series, 3:30-5 p.m., April 10, Hole in the Wall, Union. x1793.

Relaxation and Meditation Series, 4-5 p.m., April 10, Drummond Chapel, Union. x1392.

Poetry Reading by Eileen Myles, part of the New Writing Series, 4:30 p.m., April 10, Soderberg Center, Jenness Hall. x3822.

GLBTQ: Coffee Talk, 7-8:30 p.m., April 10, 207 Little Hall. x1793.

"Retracing El Mapa de Teozacoalco: Archaeological Research in Oaxaca, Mexico," by Steve Whittington, 7 p.m., April 10, Bodwell Area, Maine Center for the Arts. x1901.

Faculty Recital by Ludlow Hallman, part of the School of Performing Arts season, 7:30 p.m., April 10, Minsky Recital Hall. Admission Fee. x1755.

Performance by Maggi, Pierce & EJ, part of the Java Jive Music Series, 8-10 p.m., April 10, Bangor Lounges, Union. x1793.

11 Wednesday

State Math Meet, 8 a.m.-4 p.m., April 11, Alfond Arena. x4092.

The Graduate Research Exposition, offered by the Association of Graduate Students and the Graduate School, poster gallery open to the public 8 a.m.-noon, April 11, Wells Conference Center. x4548.

PhotoShop II, a Fogler Library workshop, 9-11 a.m., April 11, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

"Performing the Paper: Rural Wit and 'Female Influence' in Northern New England," by Jo Radner, professor of literature, American University, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., April 11, Bangor Lounge, Union. x1228.

"From Seattle '99 to Quebec City '01: A Panel Discussion on Globalization and the FTAA (Free Trade Area of the Americas)," with panelists including youth activist Ethan Miller and faculty member Melvin Burke, offered by Peace Studies, 3:30-5 p.m., April 11, Devino Auditorium, Corbett Business Building. x2609.

University of Maine Authors Reception, offered by Fogler Library, 3:30-5 p.m., April 11, University Club, Fogler Library. x3095.

Mr. Death, part of the Cinematique film series, 7-9 p.m., April 11, Devino Auditorium, Corbett Business Building. Admission Fee. x1793.

12 Thursday

Introduction to PageMaker, a Fogler Library workshop, 9-11 a.m., April 12, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

The Graduate Research Exposition, with open gallery for viewing posters 9 a.m.-5 p.m.; keynote address by Provost Robert Kennedy at 5 p.m.; followed by awards ceremony for outstanding research, offered by the Association of Graduate Students and the Graduate School, April 12, Wells Conference Center. x4548.

"Family Connections: Grandparents Raising Grandchildren," by Barbara Kates, founder and director of Family Connections, part of the EAP Lunch and Learn Series, noon-1 p.m., April 12, Bodwell Lounge, Maine Center for the Arts. x4014.

"Peace: The Ultimate Experience of Human Existence," by political scientist and author Naresh Dadhich of the University of Rajasthan, India, director of the Jaipur Peace Foundation, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., April 12, Levinson Room, The Maples. x3860.

Cross-Cultural Conversations, offered by Peace Studies and Multicultural Programs, 3:30-5 p.m., April 12, 205 East Annex. x2609.

"Gandhian Nonviolence as a Means for Peace," by political scientist and author Naresh Dadhich of the University of Rajasthan, India, director of the Jaipur Peace Foundation, part of the Philosophy Colloquium Series, 4 p.m., April 12, Levinson Room, The Maples. x3860.

Phi Beta Kappa Induction Ceremony, highlighted by a keynote address by Phi Beta Kappa Visiting Scholar Giles Gunn of the University of California-Santa Barbara, speaking on "Globalizing the Curriculum: Can You Major in Global Studies?" 5 p.m., April 12, Dexter Lounge, Alfond Arena.

"Alpine Big Wall Adventures Slide Show," by Mark Synnott, 7-9 p.m., April 12, 110 Little Hall. x1794.

13 Friday

"Episodic Sea-Level Rise Events During The Past 18,000 Years: Their Impact On Coastal Evolution And Lessons For The Future," by Robert Thieler, research geologist, U.S. Geological Survey Coastal and Marine Geology Program, Woods Hole, part of the School of Marine Sciences Seminar Series, 11 a.m.-noon, April 13, 100 Bryard Global Sciences Center. x4381.

"Folklore of French Newfoundland," by Jamie Moreira, part of the Franco-American Studies Brown Bag Luncheon Series, 12:15-1 p.m., April 13, FFA Room, Union. x3791.

"Molecular Recognition from Small Molecules to Proteins," by Brian Liton, Department of Chemistry, Bowdoin College, a Department of Chemistry Colloquium, 2 p.m., April 13, 316 Aubert Hall. x1169.

Softball: UMaine vs. Hartford, 2 p.m., April 13. xBEAR.

"Modeling Structure and Function in a Sensory System," by Sharon Crook, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., April 13, 102 Murray Hall. x2970.

Baseball: UMaine vs. Delaware, 4 p.m., April 13, Mahaney Diamond. Admission Fee. xBEAR.

International Coffee Hour, 4-5 p.m., April 13, Bangor Lounge, Union. x2905.

14 Saturday

Building Bombproof Climbing Anchors, a clinic offered by Maine Bound, April 14. Admission Fee. Registration required. x1794.

Spring Creeking for Kayakers, offered by Maine Bound, April 14. Admission Fee. Registration required. x1794.

15th Annual Easter Egg Hunt, for children preschool to third grade, offered by University Credit Union and Orono Recreation Department, 10 a.m., April 14, Asa Adams School, Orono. x1458.

Softball: UMaine vs. Hartford, 11 a.m., April 14. xBEAR.

Baseball: UMaine vs. Delaware, noon, April 14, Mahaney Diamond. Admission Fee. xBEAR.

Look Who's On Campus



LEE SIEGEL, professor of religion at the University of Hawaii, will deliver this year's Marshall Dodge Memorial Philosophy Lecture, "Humor, Religion and Philosophy," on Tuesday, April 3, 7 p.m., 100 Neville Hall. Siegel is the author of several books on Asian religion, love, sexuality, humor and magic, including *Love in a Dead Language: A Romance*, a 1999 *New York Times Book Review* "Notable Book of the Year." In addition, he has written, directed, performed and consulted for many television and film productions.

Alumnus and sculptor **WALLY WARREN** will talk about "A Wall of Refuse and Anti-Wal Mart Activism" at 7 p.m., Thursday, April 5, 202 Carnegie Hall. Warren, a '73 graduate, was an artist in Seattle before returning to Maine to continue his work. Described by some as "faux folk," his vividly painted assemblages of manufactured debris are whimsical statements on over-consumption and cultural disenfranchisement.

Alumnus **DOUG HALL**, one of America's leading inventors of new products, will present "Brain Brew: Scientific Principles for Thinking Smarter and More Creatively" on Friday, April 6, 9:30 a.m.-noon, Wells Conference Center. Hall, who received a bachelor's degree in chemical engineering in 1981, worked in brand management with Procter & Gamble, rising to the title of master marketing inventor. After a decade, he retired to found Richard Saunders International. As CEO of Richard Saunders International's Eureka! Ranch, Hall and his Eureka! Ranch team are considered to be among the top corporate creative resources. Eureka! Ranch clients include Walt Disney, Nike, American Express, Mattel, Chrysler, Johnson & Johnson, Procter & Gamble and Compaq Computer. Hall conducts seminars and workshops "for people looking to unleash their creativity." He is the author of three books, the newest being *Jump Start Your Business Brain*.

NARESH DADHICH, director of the Centre for Gandhian Studies at the University of Rajasthan, Jaipur, India, will speak twice on Thursday, April 12. At 12:30 p.m., he will talk on "Peace: The Ultimate Experience of Human Existence," and at 4 p.m. on "Gandhian Nonviolence as a Means for Peace." Both will be in the Levinson Room, The Maples. Dadhich is an associate professor of political science. He is the author of *Gandhi and Existentialism*, and the founding editor of two journals: *Gandhian Studies* and *Shanti: A Journal of Peace Studies*.



The annual induction of new members of Phi Beta Kappa at 5 p.m., Thursday, April 12, Dexter Lounge, Alfond Arena, will be followed by an address by Phi Beta Kappa Visiting Scholar **GILES GUNN** of the University of California-Santa Barbara. Gunn will speak on "Globalizing the Curriculum: Can You Major in Global Studies?" Gunn is professor of English, and professor of global and international studies at UC-Santa Barbara. He taught at Chicago, at North Carolina-Chapel Hill and the University of Florida before going to Santa Barbara in 1985. Gunn is the author of several books, the most recent being *Beyond Solidarity: Pragmatism and Difference in a Globalized World*.

People in Perspective

Early last fall, an overcrowded student parking lot on campus caused vehicles to be parked on the grass. Public Safety Officer Paul Paradis surveyed the situation and knew what had to be done.

Stakes and yellow plastic tape were just the ticket. "It didn't make sense to write tickets," Paradis says. "That many people parking on the grass was an indication of a larger problem. We began by taping off the area (to let people know what was expected), and ended up eventually removing the stakes and tape without further problems."

After a quarter-century in community policing, Paradis believes in helping people understand policies – and the need to enforce them. He also believes in the power of problem solving.

"We are moving to make parking rules more consistent and, as we look to the future, to find long-term solutions," says Paradis, the newly named manager of Parking Services, now a division of Student Affairs. "I hope to raise people's awareness of the problems and their need to assist in making solutions work."

Paradis' philosophy is in keeping with the new direction of Parking Services. The unit is now independent of Public Safety and, while responsible for parking management across campus, it is aligned closer than ever with the the largest segment of the University community – students. It even has a new home in the Union.

While enforcement of parking policies remains a responsibility, Parking Services will now play an increasing role in community building on campus. Whether in developing parking policies or addressing issues, community involvement is key, he says.

It's important to bring groups and other members of the campus community together "to make people aware and to promote understanding of others' needs," then come to consensus about "what's correct for the community as a whole," says Paradis.

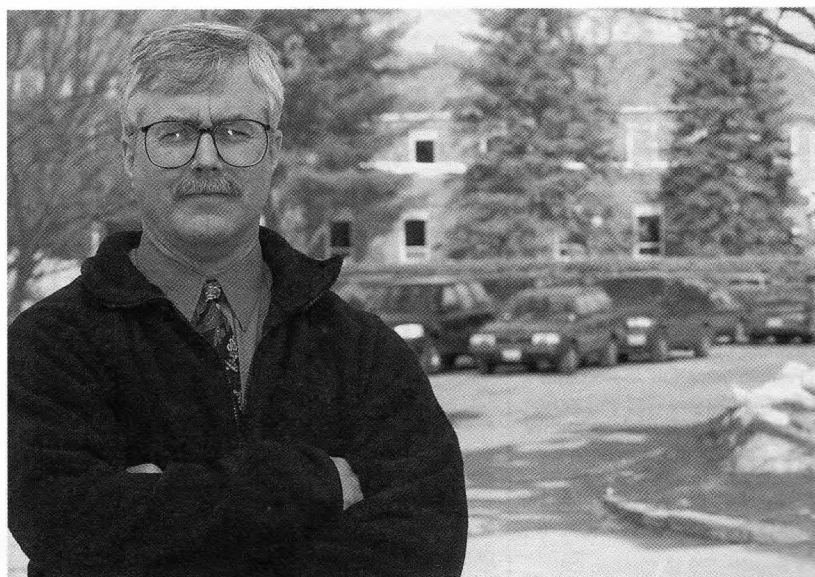
Paradis joined the University community as a patrol officer in 1999. He has worked patrols around the clock on campus, on foot and in a vehicle, and has developed a sense of UMaine public safety in general, and parking in particular.

Issues pertinent to Paradis: the availability of parking spaces in relation to the permits sold; the proximity of student parking to residence halls; illegal, short-term parking in fire lanes and parking designated for persons with disabilities.

During the busiest hours on campus, 7 a.m.-5 p.m., one of Paradis' primary concerns is with illegal parking in centrally located lots that causes overcrowding and congestion. The result is a higher incidence of fender-bender accidents, he says.

Exploring ways to promote parking in outlying lots is a priority for Paradis. In addition, he hopes to expand the responsibilities of two full-time parking enforcement officers to include motorist assistance.

"We want to provide a quality service by (facilitating) the ability of people on campus to access the places they work, live and visit. The goal is to make their experience on campus as good and as safe as possible. The goal is to make it so parking doesn't enter into the equation of (what they're going to find when they get to campus or)



Paul Paradis

Photo by Monty Rand

whether people come to campus at all."

Paradis' interest in community service stems from his upbringing. He grew up in a military family. His parents are Old Town natives.

"Being a career marine officer, my father instilled in us at a young age the importance of service and sense of community. I chose community policing over the military," says Paradis, who received an associate degree in law enforcement at Bangor Community College in 1974.

Paradis' career in law enforcement started in Old Town in 1975. He served as patrol sergeant for eight years before being named chief of police in Machias in 1987.

Two and a half years later, Paradis was tapped by the Maine Drug Enforcement Agency to work out of Bucks Harbor, then Bangor. By 1994, Paradis was working for the Kennebec County Sheriff's Department, assigned to Maine Revenue Services to supervise an investigative unit.

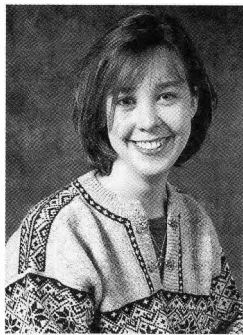
His interest in crime analysis drew Paradis to UMaine Public Safety almost three years ago. He first applied his analytical approach to problem solving last fall, when he was assigned to parking enforcement.

"I'm now drawing on a lot of the same problem-solving skills (learned in law enforcement) to meet the diverse needs of the community," he says. "It all involves listening to people to address their problems, as well as their concerns for a safe community."

This semester, Parking Services has been headquartered in an office on the lower level of the Union. This fall, when the Union renovation and expansion project is complete, Parking Services will have a new venue in the facility.

"The benefit is that this location is in the hub of campus activity," says Paradis. "It is more centrally located for the majority of the University community."

Parking Services, open 8 a.m.-5 p.m., Monday-Friday, provides parking decals, temporary permits, and maps for visitors and members of the University community. Its responsibilities for parking management include making the necessary arrangements for event parking.



Alina Petrell

The Undergrad Experience

Structural integrity

Since the age of 12, Alina Petrell has been a volunteer working on construction projects for her church. But it wasn't until a high school teacher recommended she look into civil engineering that Petrell turned her avocation into an academic career.

"I like dealing with structures because of their order," says Petrell, a senior who will graduate in December. "In my first civil engineering course, we had labs in which we were breaking wood and making concrete. It all grabs you right away."

UMaine was the natural choice for Petrell, she says. The Milford native was familiar with the University and the reputation of its academic programs. She and her sister Keturah, now a junior in secondary education, used to ride their bikes to campus in the summer.

"I like the civil engineering faculty. They are very friendly and seem to have fun, but they're also serious researchers," Petrell says.

Since her second semester on campus, Petrell has worked as an undergraduate research assistant in the lab of Associate Professor Eric Landis. In the lab in Boardman Hall, they study the microstructure of concrete and wood. In particular, Petrell has been researching the porosity of concrete and the mechanics of cracking.

"It is really great experience," she says. "Working in research, you have to constantly think. You're usually not doing the same thing every day. As an undergraduate, I never expected to be in a research lab, but the extra learning experience has been a supplement to my classes."

"Learning continuously" is what's best, says Petrell, who carries a 3.94 average. Her goal is to be a structural engineer. ▲

CENTER FOR TEACHING EXCELLENCE

The Center for Teaching Excellence, 212 Crossland Hall, is a resource for faculty at the University of Maine. Our mission is to promote continuing improvement in the quality of teaching and learning at UMaine.

(www.umaine.edu/teaching)

TEACHING LINKS

The topic for this issue is mid-semester evaluations.

<http://www.princeton.edu/~alteams/handbook>

On the Princeton University site, click VII "Evaluating and Improving Your Teaching," this will take you to a discussion of methods for obtaining student feedback: "Mid-semester Evaluations"; use of evaluation cards; and a colleague's visit.

<http://www.psu.edu/celt/assessment.shtml>

Scroll to the middle of the page and click "Collecting midsemester feedback." This site from Penn State offers advice on open-ended questionnaires and the "minute paper," as well as information on how to analyze the feedback you receive from your students.

<http://aer.arizona.edu/welcome.asp>

At the Arizona homepage, click "Documents." There are many articles listed here on using evaluations; start with "A Short Guide to Evaluating Teaching," and then explore. There's a lot of information here.

Graduate Student Focus



Deirdre Gilbert

Studying marine policy on Capitol Hill

Deirdre Gilbert of Brewer, a master's degree student in marine policy, has been awarded the prestigious Dean John A. Knauss Marine Policy Fellowship by the National Sea Grant College Program.

Hundreds of graduate students from throughout the country competed for the 10 positions available in the U.S. Congress and 20 in the Executive Branch. Gilbert is working in Washington, D.C. in Congressman Tom Allen's office for one year.

Tom Allen is the Democratic co-chair of the House Oceans Caucus, a bipartisan effort to increase the House of Representatives' awareness of important issues in ocean policy and to advance ocean legislation. During the 106th Congress, the Caucus focused on issues of security, governance, biology and pollution. As a fellow in Tom Allen's office, Gilbert will assist with Caucus activities in the 107th Congress.

Gilbert received an A.B. in biology and environmental studies from Bowdoin College in 1995. During her undergraduate years, she also studied marine biology and rainforest ecology in Australia through the School for International Training, and completed a research project on "Perceptions of the Effectiveness of Closures in the East Coast Prawn Trawling Fishery."

In the past few years, Gilbert has been involved in two projects that combined her background in science with her interest in marine policy. She conducted research for a U.S. Economic Development Administration project on the collapse of the New England groundfish industry. She also assisted in the shoreline ecology program developed at Bowdoin College to mitigate the effects of the Exxon Valdez oil spill.

For her master's thesis research, Gilbert has developed a model to assess the impact of marine sanctuaries and other closed areas on groundfish populations and the fisheries they support.

Gilbert is looking forward to the Knauss Fellowship program to gain practical experience in resource management. "I have had a long-standing interest in human impacts on the marine environment and the issues of effective resource management," Gilbert says. "I believe that the next logical step in my educational and professional development is to acquire some experience working on similar issues at the federal level. Working in Congressman Allen's office will provide me with an excellent opportunity to do this." ▲

20th Professional Employee Achievement Awards

The Professional Employees Advisory Council (PEAC) seeks to raise the awareness of the campus community about the contributions that represented and non-represented professional employees make to the quality, diversity and overall mission of the University. Nominations are sought of professional employees whose actions and activities above and beyond normal work responsibilities have provided outstanding service to their fields, to UMaine or to the community as a whole. Awards are presented at the annual spring employee banquet. Nomination forms are available from Kay Hyatt, Chair, PEAC Awards Committee, 129 Shibles Hall, 581-2761; kay.hyatt@umit.maine.edu. Deadline for receiving nominations is April 13.

Promoted to professor

Liberal Arts and Sciences



David Batuski has been promoted to professor of physics. Batuski received his Ph.D. in physics from the University of New Mexico in 1986, and joined the UMaine community two years later. His research focuses on observations of distances of clusters of galaxies to trace large-scale structure of the universe. Batuski studies the correlation of the internal properties of galaxy clusters with locations of the clusters relative to larger structures (superclusters), and observes the dynamics of clusters in very dense superclusters. Since 1989, Batuski repeatedly has been a visiting astronomer at Meudon Observatory, France. Over three years, 1985-88, he received the Thomas L. Popejoy Prize for Outstanding Dissertation in Sciences/Engineering at University of New Mexico. Of his work, Batuski notes: "My constant challenge is finding ways to help empower students to have nearly as much fun with their learning (as I do with teaching). Doing research involving collaborating with astronomers elsewhere in the U.S. and the world, using some of the largest telescopes available, and finding some of the largest structures that exist in the universe, is also quite the thrill. I am especially delighted that I can do all this within the collegial atmosphere and great natural and social environment that we have here at the University of Maine."

Nathan Godfried has been promoted to professor of history. Godfried received a Ph.D. in history from the University of Wisconsin-Madison in 1980, and joined the UMaine faculty in 1995. Godfried specializes in 20th-century U.S. history, and the history of mass media, labor history and popular culture. Currently, he is working on a book exploring the relationship between American workers, political radicals, and racial minorities and broadcasting during the 20th century. Of his work, Godfried says it is particularly rewarding "helping graduate and undergraduate students to discover the excitement of engaging in historical research."

Natural Sciences, Forestry, and Agriculture



Robert Rice has been promoted to professor of wood science. Rice joined the University of Maine community in 1990, two years after receiving a Ph.D. in forest products from Virginia Polytechnic Institute and State University. His research focuses on forest products, and pulp and paper marketing and management. Other areas of interest are wood rheology and hydrothermal stresses in wood. Rice is vice president of the Society of Wood Science and Technology, the professional association of wood scientists in the United States, and has served as a board member of the Forest Products Society. On campus, Rice chairs the Faculty Senate's Budget and Institutional Planning Committee. Of his work at the University, one of the centers of forestry and forest products training and research in the United States, Rice notes: "We have a long tradition of producing graduates who achieve prominence within the state and nationally. As such, the network

of professional contacts is strong and the camaraderie enjoyable. Moreover, since both forest products and pulp and paper are important to the state economy, the support for our programs is high."

Francis Drummond has been promoted to professor of insect ecology/entomology. Drummond received his Ph.D. in biological sciences from the University of Rhode Island in 1986, and joined the University of Maine community two years later. In his research, Drummond focuses on computer simulation modeling of insect population dynamics, pollination ecology and insect pest management. He received UMaine's Sustainable Agriculture Award last year, and the Lindberg Grant Award in 1990. Drummond says he conducts entomological research during the summer in some of the most beautiful places in Maine. In the classroom, he enjoys the enthusiasm of his students in Introductory Entomology. "We have a great department with both brilliant and nice faculty," he says.



Douglas Gardner has been promoted to professor of wood science, with tenure. The UMaine alumnus received a Ph.D. in wood science and technology from Mississippi State University in 1985. He returned to his alma mater in 1998. As a senior scientist in the Advanced Wood

Composite Center, Gardner's research, teaching and service activities focus on polymer and interfacial science aspects of wood-polymer hybrid composite materials. He also is involved in research in the areas of adhesion science, composites from recycled wood and fibers, and the analysis of volatile organic compound emissions from wood composite processing. The 1992 Cahn Award winner is a member of Sigma Xi, the scientific research society, and Who's Who in Science and Engineering. Gardner says he likes working at the cutting edge of basic and applied research, and teaching students who become professionals in the forest products field.

Promoted to professor with tenure

Natural Sciences, Forestry, and Agriculture

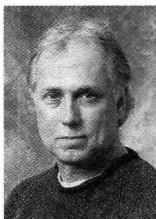


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Richard Borgman has been promoted to associate professor of finance, with tenure. Borgman joined the UMaine community a year after receiving a Ph.D. in finance from the University of Florida in 1994. His expertise is in financial institutions, asset securitization, security valuation and portfolio management. His goal is to begin a research agenda in international finance, particularly the development of financial institutions in developing economies. In 1994, Borgman was an invited participant in the Financial Management Association Doctoral Seminar. On campus, he was named an Outstanding Faculty Member by All Maine Women and Senior Skulls honor societies. Borgman says he enjoys watching students mature and develop intellectually during their time at the University. "Many of

Promoted to associate professor with tenure

Business, Public Policy and Health



Peggy Agouris has been promoted to associate professor of spatial information science and engineering, with tenure. Agouris received a Ph.D. in digital image analysis from Ohio State University in 1992, and joined UMaine faculty three years later. Her research focuses on digital image analysis, remote sensing, digital photogrammetry and spatiotemporal information systems. Among Agouris' top honors are the 1997 NSF CAREER Award in Computer and Information Science and Engineering, and the 1996 VI Talbert Abrams Award for the best photogrammetric publication of

them do quite well after they leave the University as it is always enjoyable to hear from them that their time here contributed in some way to their success he says. "In addition, I enjoy the constant learning that is a part of being a teacher and researcher. Much of that learning comes from interacting with colleagues, and business men and women."

In Focus

University of Maine Faculty Tenured and/or Promoted 2000 - 2001

Education and Human Development



Edward Jadallah has been promoted to associate professor of education, with tenure. Jadallah received a Ph.D. from Ohio State University in 1984. Before coming to UMaine in 1995, Jadallah worked at Bowling Green State University where he was nominated twice to the Master Teacher Award.

Jadallah's research focuses on the ways teachers construct and apply their understandings of teaching and learning through reflective practice. Of particular interest is the constant challenge of learning, developing and applying a growing knowledge base in the field of teacher education.

Engineering



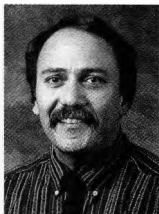
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year, by the American Society for Photogrammetry and Remote Sensing. UMaine's College of Engineering cited her for the Early Career Research Award in 1998. "I love my job because it allows me to combine several exciting heterogeneous activities. As a faculty member I teach, advise, perform research, manage my projects, publish papers, travel to present my findings, participate in campus activities. Plus, I really enjoy the interaction with young people, and the competitive and challenging nature of pursuing innovative research activities."



Liberal Arts and Sciences

Martha McNamara has been promoted to associate professor of history, with tenure. McNamara joined the faculty in 1994, completing her Ph.D. in American and New England Studies at Boston University the following year. McNamara's research

focuses on cultural history, New England history, architectural history and material culture. Her honors include the J. Paul Getty Postdoctoral Fellowship in the History of Art and the Humanities, 1996-1997; and the DeMontequin Prize for the best paper in American colonial planning, Society for American City and Regional Planning History, 8th Biennial Meeting, 1999. "Teaching students to think critically about the past is one of the most satisfying aspects of my position as a faculty member," McNamara says. "I particularly enjoy helping students to develop their analytical skills while we explore the fascinating stories of past people, places and events. I also love researching and writing about the physical landscapes that people have inhabited. I am intrigued by questions of how past cultures have shaped and been shaped by their physical environments. Having the opportunity to integrate these research interests into my classroom teaching has also been a wonderful experience."

Office of the President



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Orono, Maine 04469-5703
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Fax: 207-581-1517
www.umaine.edu

Dear Colleagues:

I am very pleased to announce the names of University of Maine faculty members recently promoted and of those granted tenure by the University of Maine System Board of Trustees.

Promotion and tenure are significant milestones in a professor's career. They are not achieved without demonstrating extraordinary excellence and professionalism, as judged by the most discerning of critics: one's students and one's peers. Both tenure and promotion are major votes of confidence in those who keep the lamp of learning lit, who advance the frontiers of knowledge, and who tackle society's most challenging problems.

I congratulate those who have been promoted and granted tenure, and offer best wishes for continued success in the future. I am sure that each member of the campus community will join me in congratulating these faculty members on their commitment and service to the University of Maine, and on their dedication to higher education.

Sincerely,

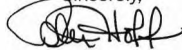
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President

MAINE'S LAND GRANT AND SEA GRANT UNIVERSITY
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Sincerely,



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MAINE'S LAND GRANT AND SEA GRANT UNIVERSITY
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Liberal Arts and Sciences



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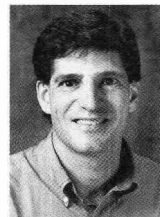
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Nancy Hall has been promoted to associate professor of communication sciences and disorders, with tenure. Hall came to UMaine a year after receiving a Ph.D. in communication sciences from Case Western Reserve University. Her major area of interest is stuttering, and how aspects of

language development and use impact the fluency of speech production. Her research examines the nature of speech disruptions in normal and disordered language by studying the speech of young children. She hopes to identify linguistic factors that may be used in predicting which youngsters are at risk for developing stuttering, and how this knowledge may be used to improve therapeutic techniques. Hall was among the first in the nation to receive the Specialty Recognition in Fluency Disorders from the American Speech-Language-Hearing Association. Of her work, Hall notes: "Engaging in the process of learning has always sustained me. Mentoring student growth is one of the most satisfying aspects of my work."

Margaret Chase Smith Center for Public Policy Natural Sciences, Forestry, and Agriculture



Jonathan Rubin has been promoted to associate professor in the Margaret Chase Smith Center and Resource Economics and Policy, with tenure. In 1993, Rubin received a Ph.D. in agricultural economics from the University of California-Davis. He joined the University of Maine

faculty in 1998. Rubin specializes in environmental economics and policy. In 1997, he was cited for the Outstanding Published Research Award of the Western Agricultural Economics Association for "Bankable Permits for the Control of Environmental Pollution." Rubin serves as a member of the Committee on Transportation Energy, Transportation Research Board of the National Research Council. He also is on the editorial council of the *Journal of Environmental Economics and Management*.

Granted tenure at the rank of professor Natural Sciences, Forestry, and Agriculture



Peter Jumars is professor of marine sciences and oceanography, with tenure. Jumars has a Ph.D. from the Scripps Institution of Oceanography, University of California-San Diego. He joined the University of Maine faculty in 1999. Jumars' research focuses on the interactions of marine

organisms with the abiotic environment at the level of the individual, identifying, modeling and quantifying important interactions. Of his work, Jumars notes: "I get to choose the topics of my research. I get to do it with smart colleagues, and I get the opportunity to help make students better educated than I was and unique in their combinations of skills. Nothing rejuvenates like interacting with smart students." Jumars is the recipient of the G. Evelyn Hutchinson Medal from the American Society of Limnology and Oceanography for breadth and quality of interdisciplinary research. He is a fellow of the American Geophysical Union for fostering interdisciplinary interaction, and president of the American Society of Limnology and Oceanography.



Joseph Kelley is professor of marine geology, with tenure. Kelley has been an adjunct faculty member since 1982. He joined the Department of Geological Sciences as a tenure-track faculty member in 1999. Kelley holds a Ph.D. from Lehigh University. His research focuses

on coastal and marine geology. Kelley seeks to understand sea-level change and the response of shorelines to that change since the last Ice Age. He also is interested in the way society responds to climate and sea-level change. Among Kelley's many honors are the 1998 Maine Audubon Society Environmental Award and the 1990 *Down East Magazine* Environmental Award. Kelley says he became a faculty member "because I enjoy working on research problems all over the world and collaborating with scientists from other countries. I am also excited to make teaching and advising students part of my occupation. I share my experiences in research and government with students in my classes and that makes those experiences all the more rewarding."



Mary Jane Perry is professor of marine sciences and oceanography, with tenure. Perry has a Ph.D. from the Scripps Institution of Oceanography, University of California-San Diego. She joined the University of Maine faculty in 1999. Perry is an expert in biological and optical oceanog-

raphy. The research in her lab focuses on the use of optics to study phytoplankton, the one-celled plants of the ocean. Long-term autonomous observations of phytoplankton are critical to understanding the ocean's response to climate change. Perry, the recipient of an NSF Superior Accomplishment Award, is coordinator of a National Ocean Partner's Program project to miniaturize optical sensors for autonomous ocean observations. This summer at the Darling Center, she will direct an internationally recognized graduate summer institute in optical oceanography.

Promoted to Extension professor



John Jemison has been promoted to Extension professor. Jemison joined the UMaine community in 1991, the same year he received a Ph.D. from Penn State University. His Extension education and applied research programs focus on helping agricul-

tural producers and homeowners minimize their impacts on Maine's surface and groundwater resources. He has worked with growers to make better use of on-farm nutrients, minimize pesticide use, and increase cooperation among potato and dairy operations. Jemison has been recognized for his scholarship with the 1999 Northeast Branch American Society of Agronomy Extension Industry Award and the 1996 Maine Sustainable Agriculture Award. Jemison says the most enjoyable aspects of his job include generating applied research based on grower needs, and seeing the practices used on farms. He appreciates the opportunity to work with producers and land owners, and to work as part of a team with dedicated colleagues bringing about change in Maine.

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Automated Analysis

Video cameras provide security for banks, government buildings and retail stores. However, it takes a human to monitor the screens and alert safety personnel in the event of a problem. A research team led by UMaine's Department of Spatial Information Science and Engineering (SIE) has received a \$500,168 National Science Foundation grant to develop new automated image analysis techniques that get information quickly to those who need it.

Their work may also squeeze more information out of images collected over the years for military and civilian purposes. It could have implications for traffic management, agricultural assessments, land use planning and environmental monitoring.

Peggy Agouris, assistant professor of SIE, leads the project with two other UMaine faculty members, Kate Beard and Anthony Stefanidis. They are collaborating with faculty members at two other universities, University of California-Riverside and Penn State.

Three UMaine graduate students – Kristin Eickhorst of Kansas City, Panayotis Partsinevelos of Greece and Joshua King of Hollis – also are working on the project.

"The general idea is to come up with a framework and tools that will allow us to manage information contained in time varying geospatial data sets," says Agouris.

For example, satellite photos of a city taken over a period of years can reveal information about land use patterns, vegetation changes and development. "Things change over time," Agouris explains, "and this change is inherent in the data set. Our goal is to develop a means to make this change explicit and to communicate it to the people who are interested in this information. This is not just about detecting the change. It is to develop a framework that is independent of peoples' views as to what changes."

Part of that framework is a type of summary that is known among information management specialists as a "metadata file." It includes details such as the source of the data, the scale and a statement about how accurate the data are, Agouris says. "We want to go one level higher and create metadata files that will contain information such as shorter versions of the data sets."

The new image analysis tools, Agouris says, will also be developed with the ability to predict trends and events based on the past. "You may know that a flood has occurred in a valley and destroyed things. If we find sequential patterns in our data, we may be able to use that information to make rules for the future. In another location where a situation has not fully developed, we should be able to make a prediction in which we have strong confidence."

The project developed out of previous research conducted by Agouris and her colleagues at UC-Riverside and Penn State. In this project, they will collaborate with the National Agricultural Statistical Service of the USDA, the National Imagery and Mapping Agency of the Department of Defense and BAE Systems Inc.

Partners from UC-Riverside specialize in data that varies in time and location. The Penn State scientists focus on information management frameworks.

Researchers also will work with the U.S. Army Topographic Engineering Center, an industrial organization, and the non-profit OpenGIS Consortium, which works closely with vendors of geographic information system products.

The project is expected to conclude in 2003.

Prestigious NSF award for composites research

A \$375,000 grant from the National Science Foundation will enable University engineers to test the use of sophisticated electronic embedded sensors in bridges and other structures made with advanced composite materials. Roberto Lopez-Anido, a faculty member in Civil and Environmental Engineering and the Advanced Engineered Wood Composites Center (AEWC), received the five-year NSF CAREER Award.

Lopez-Anido is the fourth UMaine engineer since 1997 to receive this prestigious NSF award, designed to support research and promote improvements in education.

"This program will capitalize on the regional industrial thrust in composites while focusing on a framework for using advanced fiber-optic sensors," says Lopez-Anido. "The Maine boat-building industry and the paper industry use fiber-reinforced polymer composite technologies in corrosive processing environments. This industrial trend makes composite materials one of the key target areas in Maine's Science and Technology Action Plan. The plan's Composite Materials Living Lab will stimulate innovation in construction and structural rehabilitation using composites."

Lopez-Anido's research objectives include the placement of fiber-optic sensors into composite materials and the application of controlled damage tests to determine how the sensors respond to specific levels of stress. The results will provide researchers and industry with a reliable method for monitoring the durability of fiber-reinforced polymer composite materials.

Blooming success

This spring, Maine gardeners can brighten their gardens with a new yellow flower produced at the University. The new plant is a cultivar of the common black-eyed Susan, a type of daisy (*Rudbeckia hirta*).

The new plant has been named the Plainview Farm Daisy. It reaches as tall as three feet and can be propagated by seeds or division. It grows in sites that have full sunlight and well-drained soil. Samples have been planted at the Littlefield Ornamentals Trial Garden on campus for the upcoming growing season.

The typical black-eyed Susan has one row of petals arrayed in a disk around a dark circular eye at the center. The new variety has layers of petals that give the flower a full, rounded appearance.

According to Donglin Zhang of the Landscape Horticulture Program, the new flower is a tender perennial that has been produced through 11 years of breeding in a Maine garden, the Trial Garden and the Clapp Greenhouse on the campus.

Several hundred plants will be made available through the Plainview Farm nursery in North Yarmouth. County offices of the UMaine Cooperative Extension also will have a few plants for testing under a variety of growing conditions throughout the state.

Another new plant, named UMaine Daisy (*Rudbeckia hirta* 'UMaine') is in the process of selection and evaluation. The flower head of UMaine Daisy is also derived from black-eyed Susan, but it has an invisible black center. The flower appears as a yellow mum.

UMaine's Landscape Horticulture Program is actively developing new cultivars of native plants in cooperation with the Maine Landscape and Nursery Association.

For more on these and other stories about University of Maine research, written by Public Affairs science writer Nick Houtman, see the MaineSci Web page (www.umaine.edu/mainesci/).

E.A.T. Foreto (postdoc in Biosystems Science), P.B. Brown (Purdue University) and **R.C. Bayer**, Biosystems Science and School of Marine Sciences: "The Effects of Krill Hydrolysate-Supplemented Soya-Bean Based Diets on the Growth Colouration, Amino and Fatty Acid Profiles of Juvenile American Lobster," *Aquaculture nutrition*, 7:33-43 (2001).

Jeffrey Wilhelm, associate professor of literacy education: "Undoing the Great Grammatical Scam!" *Voices from the Middle*, 8(3) (March 2001).

Abigail Garthwait, assistant professor of instructional technology: "Hypermedia Composing: Questions Arising from Writing in Three Dimensions," *Language Arts*, 78(3) (January 2001).

Judith Round, assistant to the dean and director, and coordinator of communications, College of Natural Sciences, Forestry, and Agriculture: "Television Comes to Bangor: A Conversation with Industry Pioneers," *Maine History*, 39 (Winter 2000-01).

Gary Schilmoeller, associate professor of child development and family relations, and **Kathryn Schilmoeller**, adjunct assistant professor of human development: "Filling a Void: Facilitating Family Support Through Networking for Children with a Rare Disorder," *Family Science Review*, 13(3-4):224-33 (December 2000).

Thomas Sandford, associate professor of civil and environmental engineering, and visiting honorary professor at The University of Birmingham, England: "Distance Learning: The New Geotechnical Graduate School," *Geo-Strata*, 14-17 (January 2001).

Peace Corps at the University of Maine

The Peace Corps Office on campus is located in the Career Center, third floor of Chadbourne Hall. UMaine senior Josh Anchors is the Maine Peace Corps representative. Call 581-1366 for more information or to set up an interview for "the toughest job you'll ever love."

V O L U M E S

Recent Works by University of Maine Authors



Obligation and Opportunity: Single Maritime Women in Boston, 1870-1930
by Betsy Beattie
(McGill-Queen's University Press 2000)

In the years between Canada's Confederation (1867) and the Depression, nearly 500,000 Maritimers left their homes to work in the United States or other parts of Canada. Many of them were women. Despite reports of danger and hardship, tens of thousands of single maritime women went to work in Boston between 1870 and 1930. In *Obligation and Opportunity*, Betsy Beattie examines how the exodus of these women affected the Maritimes, and sheds light on their new lives in Boston.

In Boston, the single female migrants from rural families found an urban environment and various work cultures according to different occupations. Beattie examines the experiences of these Maritime women within the changing socioeconomic conditions of the late 19th and early 20th-century North America.

Beattie's research for the book included information from oral interviews, diaries, letters, written recollections, census data and other historical sources. The result is a book that provides insights into family history, women's studies, and labor and migration history. It also is an important key to understanding the political economy and culture of out-migration in post-Confederation Maritime history.

Beattie is the Canadian studies librarian at Fogler Library. This is her first book.

Lad talks with ABC News

ABC News talked with Robert Lad, director of the UMaine Laboratory for Surface Science and Technology, about new sensor technology that may provide an early warning of infection in people. Lad worked with Richard Riker of the Maine Medical Center to test the new sensor, which measures nitrous oxide (NO) in human breath, on school children and hospital patients. Riker's research has found that increases in NO levels are associated with illness in both groups. A story on the subject is in *New Scientist* magazine.

Zhang talks to Boston Globe

A *Boston Globe* columnist spoke March 13 with Donglin Zhang of the landscape horticulture faculty about a new flower that has been developed at UMaine. The Plainview Farm Daisy is a cultivar of the black-eyed Susan.

National Geographic taps Sandweiss

Dan Sandweiss, Anthropology and Quaternary & Climate Studies, did a phone interview Feb. 20 with Brian Hall, a researcher for *National Geographic* Television, providing background information for an upcoming documentary on the Inca Empire.

Kaye cited by Money.net

Comments on older adult relocation trauma by Lenard Kaye, Visiting Libra Professor in the College of Business, Public Policy and Health and the School of Social Work, are included in an article on eldercare housing issues in the Feb. 5 issue of *Money.net: The financial community*.

Gallagher in Natural New England

Merry Gallagher, Ph.D. student in biological sciences, was profiled in the University Research Section of *Natural New England*. The article, "Tracking Eel Movements in Maine Lakes," appeared in the March/April issue.

Cavallari in Concord Monitor

The Feb. 25 *Maine Sunday Telegram* included a *Concord (N.H.) Monitor* story about UMaine student Benjamin Cavallari, who spent three months as part of a UMaine-led research expedition to Antarctica. Cavallari, a Deering, N.H., native who transferred from the University of New Hampshire last year to study with scientists in the Institute for Quaternary and Climate Studies, had only been on one airplane trip before going to Antarctica in October.

B o o k E n d s

New & Noteworthy at the University Bookstore

Notes: April is National Poetry Month. Enjoy 25 percent off poetry books.
April 18 is the Graduation Fair.
April 26-28 is the Indoor Yard Sale, with huge discounts on books, clothing and gift items.
Textbook requisitions for Summer Sessions due April 1.

***The Supreme Court* by William Rehnquist, Knopf (2001).** *The Supreme Court* begins with William Rehnquist's introduction to the court as a law clerk in 1952. From there, it describes the court's early evolution and function in our young democracy. Finally, it explains how the court works today. Fifteen years after the first publication, William Rehnquist has added new chapters and substantially revised his classic work on the Supreme Court.

***Kissing the Virgin's Mouth* by Donna Gershten, Harper Collins (2001).**

Winner of the first Bellwether Prize for Fiction, this debut novel offers a rare window into another culture. Its irresistible hero, Magda, takes the reader into her Mexican world for an unforgettable experience. The invincible, yet fallible Magda climbs from the poor barrio of a coastal Mexican town to American affluence with passion and strength. *Kissing the Virgin's Mouth* is a novel of love, survival and the struggles of women. According to Barbara Kingsolver, it also "sets the standard for what we're defining as a literature of social responsibility."

***Feeling Sorry for Celia* by Jaclyn Moriarty, St. Martin's Press (2001).** This fabulous debut is a funny, touching, revealing story written entirely in the form of letters, messages and postcards, that captures with rare acuity female friendship, and the bonding and parting that occur as we grow. *Feeling Sorry for Celia* is a candid novel that reminds us that the roller coaster ride of being a teenager is every bit as fun and as harrowing as we remember.

Lenny Berry, education specialist at the Center for Community Inclusion, was among 23 individuals selected to participate in Project Leadership, a program of Administration on Developmental Disabilities, a nationwide program for persons with disabilities and family members of persons with disabilities. **Alan Kurtz**, project coordinator at CCI, attended

with Berry. Participation in the project was competitive and limited to individuals who have previously distinguished themselves as advocates and leaders in the disability community. Participants in the project attended a week-long, intensive class in Washington, D.C., that began Feb. 16. While there, they met with national disability advocacy leaders, congressional staff persons and administrators of federal agencies. They also learned skills that will help them to advocate more effectively on a local, state and federal level regarding legislation and policies related to disability issues. Berry will be attending a second session in July.

Professor **Dennis Cox**, Music, presented a choral clinic for the choral music department at Oxford Hills Secondary School Feb. 28 in South Paris. In addition, Cox was the guest conductor of the Western State College Choral Festival, held March 5-6 in Gunnison, Colo. The University of Maine Singers, conducted by Cox, performed in concert at St. Peter's Church in East Millinocket March 8.

Nancy Fishwick, associate professor of nursing, presented "Rural Women's Disclosure of Abuse" on March 1 at Wellesley Centers for Women, Wellesley College, where she is serving as visiting scholar.

Associate Professor **Tim Cole** and Assistant Professor **Amy Fried** of the Political Science Department presented "Contesting the Founders: Elite Rhetoric on the Founders' Intentions During the Clinton Impeachment Debate" at the Western Political Science Association Annual Meeting, March 15-17, Las Vegas. In addition, Fried participated in a roundtable, "Social Capital: Putnam's Retreat From Politics?" and Cole presented (with Nancy Burgoyne of the University of Washington) "Shutdown in Seattle: Media Representations of the World Trade Organization Protests."

Virginia Gibson, associate professor of MIS, was selected by the national AAUW Educational Foundation to serve on its International Fellowships panel. The 20-person panel will meet in Washington, D.C. March 16-17 to review and make recommendations on awards.

Irv Kornfield, professor of zoology, School of Marine Sciences, **Peter Smith**, NSF Biological Sciences teaching fellow, **Dan DenDanto**, biological sciences graduate research assistant, and Deborah Palmer, Maine Warden Service, presented a paper "DNA Match Probability Calculations in Wildlife Forensic Individualized Cases" at the annual meetings of the American Academy of Forensic Sciences, Feb. 23, Seattle.

Deirdre Mageean, director of the Margaret Chase Smith Center and Associate Professor of Resource Economics and Policy, gave an invited talk, "Human-Environment Interaction in Coastal Ecosystems: Population and Policy," to staff at the NOAA (National Oceanic and Atmospheric Administration) Coastal Services Center in Charleston, S.C., Feb. 26.

Kathy Son, research associate at the Center for Community Inclusion, Maine's University Center for Excellence in Developmental Disabilities Education, Research and Service, presented a training program to rehabilitation counseling students at the University of Southern Maine Feb. 9. "Opportunity, Choice and Self-Advocacy in Person and Family Centered Practices" focused on the experiences of people with disabilities and their family members as they encounter social, educational and service delivery systems. Son also co-presented a training session, with Laura Son, to medical students at the University of New England School of Osteopathic Medicine Feb. 27. "What We Want Our Health Professionals to Know: Osteopathic Approaches to Pediatric Populations" gave the medical students an opportunity to learn from adolescents with disabilities about what is important to them as they grow and learn to negotiate the healthcare and service delivery systems.

Beth Wiemann's composition *Tightrope* was selected for performance by the International Association for Women in Music. Selected from an international call for scores, the work for wind quintet will be performed at the National Museum for Women in Washington, D.C., this June.



The Maine Compost School took its internationally respected show on the road last fall when its five members, including two University of Maine Cooperative Extension educators, called class to order in Australia. The teachers included Neal Hallee and Richard Verville of Cooperative Extension, William Seekins of the Maine Department of Agriculture, George McDonald of the State Planning Office and Mark King of the Department of Environmental Protection. The five presented technical papers at the "Compost 2000 Down Under" conference in Melbourne and then taught the three-day compost school to 34 municipal program staff, commercial composters and regulators. In its 10 years of existence, the team has received awards from the Maine legislature, the Governor's office and the U.S. Environmental Protection Agency. The Maine Compost School is taught four times a year at UMaine's Witter Teaching and Research Farm.

Peter Doucette, Ph.D. candidate and graduate research assistant with the Department of Spatial Information Science & Engineering, is the recipient of the 2001 William A. Fischer Memorial Scholarship Award. **Kristin Eickhorst**, Ph.D. student and graduate research assistant with the Department of Spatial Information Science & Engineering, is the recipient of the 2001 Ta Liand Memorial Scholarship Award. Both scholarships are awarded by the American Society for Photogrammetry & Remote Sensing to support the students' Ph.D. studies under the supervision of Professor **Peggy Agouris**.

Nellie Orr, assistant professor of kinesiology and physical education, presented a paper, "Health Promotion Programming and Intervention Strategies," at the Eastern District Association of the American Alliance for Health, Physical Education, Recreation and Dance conference, March 9, Newport, R.I. The Eastern District includes 13 states. Orr represents Maine as one of two delegates to the Representative Assembly and serves on the Credential and Elections Committee. At the end of March, Orr will attend the National Health, Physical Education, Recreation and Dance conference in Cincinnati, serving as a Maine delegate.

Kathryn Schilmoeller, adjunct assistant professor of human development, co-presented with M.M. Fox, L.K. Paul, D. Van Lanker, S.R. Garrels, E. Florendo, and W.S. Brown of The Travis Institute, Pasadena, a poster, "Paralinguistic Processing in Children with Callosal Agenesis," at the annual meeting of the International Neuropsychological Society, Chicago, February.

Associate Professor of Counselor Education **Sydney Thomas**, with Professor Piers Beirne, chair of Criminology at University of Southern Maine, presented a paper, "Animal Abuse and Interhuman Conflict," at the 2nd Annual International Conference on Crime and Criminal Justice in the Caribbean, Jamaica, Feb. 15.

Abigail Garthwait, assistant professor of instructional technology, presented a paper, "Integration or Inoculation?: Overview of Large-Scale Professional Development Models," at the Society for Information Technology and Teacher Education 2001 conference, March 9 in Orlando. Also attending the conference from the College of Education and Human Development were **Wayne Garthwait**, educational technology specialist, and **James Verrill**, project technologist.

Kelly receives Social Worker of the Year Award

Nancy Kelly, coordinator of field education at the School of Social Work, will receive the Social Worker of the Year Award for 2001 from the Maine Chapter of the National Association of Social Workers.

Kelly shares the award with Shirley Rush, an assistant professor from the University of Maine at Presque Isle. Both women are being recognized for their work on behalf of persons with mental illness.

Kelly and Rush develop and implement annual Mental Illness Awareness Week observances at their respective campuses. They have been instrumental in bringing together educational institutions, multiple disciplines, faculty, students, outside experts, consumer groups, local communities, and mental health and human services agencies to raise awareness about the devastating effects of mental illness for individuals, their families and communities.

Kelly and Rush will receive their awards at the Annual Conference of NASW Maine at the Samoset March 29.

Rockefeller Foundation grant continues culture revitalization in Passamaquoddy communities

A grant from the Rockefeller Foundation will allow the Wabanaki Center to continue its work on language and culture revitalization in Passamaquoddy communities in the state.

The three-year, \$146,000 grant was given as part of the foundation's Partnerships Affirming Community Transformation (PACT) program, which supports projects undertaken by artists and other cultural professionals who contribute to social change.

The grant builds on a theatre project on Native language issues that was created by Gail Sockabasin, director of the Wabanaki Center, as a fellow in the Kellogg Foundation's National Leadership Program.

During the Kellogg fellowship, Sockabasin focused on the revitalization of the Passamaquoddy language and culture. Toward this goal, she recruited the help of the Headlines Theater for Living of Vancouver, whose practice of forum theatre seemed to fit well with the exploration of issues of language loss and revitalization in Native communities. In this form of theatre, plays are developed that deal with important cultural or social issues.

Working with Sockabasin on the grant project is Vera Francis, a UMaine graduate and Passamaquoddy who was part of the Passamaquoddy players, the original theater group that organized under the Kellogg project. Francis is now working in the Native communities to help chart a direction for the Wabanaki Center's involvement in Native language issues, while coordinating the Rockefeller project "We Have to Find Our Voices: Transforming Maine's Passamaquoddy Communities Through Theatre For Living."

"Interactive theater implies that there will be a relationship between the audience and the performers," says Francis. "When the play is presented, there will be moments that the audience will be invited to join the play, engage the performers, and offer new perspectives on any portion of the play and perhaps move it toward a different solution."

Francis says this allows the audience members to be participants rather than simply observers. "The audience is as much a part of the process as the people who are giving of their time, energy and creativity to develop these plays," she says. "The play becomes a sharing of experiences, which will then hopefully help members of the audience move toward resolving the struggles that are presented through the play."

The Kellogg Foundation grant, awarded in 1997, allowed Sockabasin to do a play on culture and language at Pleasant Point, and to develop a CD of Passamaquoddy language and songs. She says the Rockefeller grant will allow her to continue her work of trying to strengthen the connection between young Passamaquoddy and their culture through the arts and a focus on the importance of the language. ▲

We Remember

Mildred "Brownie" Schrumpf

Alumnus Mildred "Brownie" Schrumpf, Maine's best-known food expert and columnist, died March 5 at the age of 98.

The Readfield Depot native graduated from UMaine in 1925 with a degree in home economics. Schrumpf was known in college as Brownie, a nickname taken from her family name, Brown.

It was at UMaine that she met her husband-to-be, William, an agricultural economics student who went on to be assistant agricultural economist with the Maine Agricultural Experiment Station.

Schrumpf spent seven years as assistant state 4-H leader, then as a 4-H volunteer, giving countless demonstrations on cooking, sewing and housekeeping, cooking and canning. She remained actively involved in the University community as a home economics demonstrator at Farm and Home Week celebrations, and as a part-time instructor.

Schrumpf's food column in the *Bangor Daily News* debuted Aug. 31, 1951. For the next 40 years, she wrote her weekly column on a \$50 typewriter she bought from the *Maine Campus*. Collections of her recipes were published in two cookbooks.

For decades, Schrumpf was an active Alumni Association member, known for her extensive knowledge of the University and its people. Schrumpf was described as "a UMaine institution, part of the idiom." Through the years, she was cited and honored time after time as "the state's top food economist and unofficial ambassador of good eating."

Her endless support of civic and church functions was as renowned as her reputation for caring for friends and community members. She was so beloved by the Orono community that, in her later years, a birthday party in her honor required traffic control.

The personal and culinary papers of Brownie and William Schrumpf were donated to Special Collections in 1998. An exhibit of a turn-of-the-century farm kitchen, named in honor of Schrumpf, is in the Page Farm and Home Museum. It is something of a monument to her almost bigger-than-life presence.

Marilyn Emerick

Marilyn Emerick, the longtime administrative assistant in the English Department, died Feb. 19. She was 70.

Marilyn, as she always wanted to be called by students and co-workers, devoted more than 30 years of service to the University, to the department, and to many generations of students. She usually ran the main office of the English Department (the largest department in the college) single-handedly, adeptly managing budgets, paperwork, advising assignments, add-drop, phone inquiries, copying for faculty and graduate students, typing of scholarly manuscripts, and social occasions, including her famous holiday parties.

One faculty member characterized Marilyn as the percussionist of the English Department, not only because she deftly moved between two desks as she worked throughout the day, but because "no matter how out of tune we might get, she kept the beat."

She often came in on weekends to set up seasonally appropriate decorations and get a head start on the weeks' work. Few people, except perhaps the late chair Ulrich Wicks, ever saw her arrive for work, because it was always well before 6 a.m. She hardly ever lunched away from her desk, and closed the office at 4:30 p.m. She worked until 4:30 the Friday afternoon before her death two days later.

Many people were impressed with her courage and resolution during a grave illness last year, which kept her out of work for several months. Her determination to get back to the department was awe-inspiring.

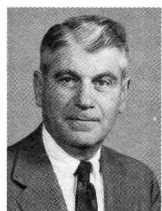
Marilyn is survived by her husband, Richard Emerick, professor emeritus of anthropology and director emeritus of the Hudson Museum, and other family members.

Faces Behind the Places



Oliver Crosby graduated from the engineering college of the University in 1876. In 1882, he opened a small machine shop in St. Paul and, three years later, saw the business incorporated as the American Hoist and Derrick Co., one of the largest engineering plants in the Northwest. His company manufactured munitions extensively during World War I, and furnished the U.S. government with modern machinery to construct the Panama Canal.

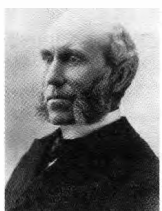
Andrew Carnegie, capitalist, manufacturer and philanthropist, gave libraries to many towns and cities in the U.S. and Great Britain. UMaine's first library was located in Carnegie Hall in the 1903-1940s. This was one of only two given to educational institutions. It was built in recognition of the acceptance by the state legislature of the institution as a full public university.



Dr. Lawrence Cutler received his bachelor's degree from the University in 1928 and his medical degree from Tufts in 1932. He was appointed to the Board of Trustees in 1956 and named its president in 1963. Known for his interest in education at all levels, Cutler was a delegate to the White House Conference on Education in 1955 and served as chair of a Governor's Advisory Committee on Education. He received the Alumni Career Award in 1978.



Arthur Deering headed the University's College of Agriculture for nearly 20 years, retiring in 1957. In 1935, Epsilon Sigma Pi, a national honorary society, gave him a certificate for an "outstanding record of service to Maine agriculture." Born on a farm in Denmark, Maine, Deering graduated from the University in 1912. He received an honorary degree from UMaine in 1934. A former Kennebec County Extension agent, Deering was named assistant director of Extension in 1927, director in 1930 and, in 1933, became dean of the Agricultural College.



Merritt Caldwell Fernald was the first faculty member hired. He was a professor of mathematics. He also was UMaine's second president, 1879-1893, who set the tone of the University. He was a central figure during the first half century. When he retired in 1908, the University gave him an honorary degree. He continued as an emeritus professor of philosophy until 1916. Fernald wrote *History of the University of Maine*.

Host families needed for the 11th Cooperative Extension 4-H exchange program with Japan

Families throughout Maine have an opportunity to host a Japanese youth this summer through a University of Maine Cooperative Extension 4-H exchange program. This is the 11th year for the program that brings students, ages 12-16, to share a month with a Maine family.

"We don't ask families to do anything special," says Harold Brown, program coordinator. "We want them to go through their normal routines. The youngsters have their own spending money and health insurance. We just ask the families to provide lodging and meals."

Families do not have to be enrolled in a 4-H program to participate in the exchange. The Japanese students are expected to arrive in Maine July 21.

A parent orientation meeting is planned for July 22 on campus. This also is the day the host families will meet their Japanese guests.

The children will be returned to campus Aug. 17.

"Parents have told us in the past that they make new friendships and often correspond with the students' parents in Japan. Some of the Maine kids have even gone to Japan for a month the following summer," says Brown.

Since it began in 1972, the national 4-H exchange program has brought more than 30,000 Japanese youngsters to the United States, and more than 4,000 American students have made return visits to Japan.

More information is available at county offices of UMaine Cooperative Extension.

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.

Associate Professor of Theatre/Division Head, School of Performing Arts.

Review Began: March 15. Contact: Please send letter of application with statement of teaching and leadership philosophy, curriculum vita, and names, addresses and telephone numbers of three references to: Professor Kristin Langellier, Search Committee Chair, School of Performing Arts, 5788 Class of 1944 Hall, The University of Maine, Orono, ME 04469-5788.

Health Information Coordinator, Student Health Services.

Review Began: March 19. Salary Range: \$35,000 to \$37,000. Contact: Send letter of intent, resume, and names of three references to: Ency Whitehill, 5721 Cutler Health Center, Orono, ME 04469-5721.

Staff Nurse, Student Health Services.

Review Began: March 24. Salary Range: \$41,038 to \$43,118. Contact: Send a letter of interest, a resume, and three references (including name, address and telephone number) to: Cindy Perry, Student Health Services, Cutler Health Center, The University of Maine, Orono, ME 04469-5721.

Postdoctoral Research Associate, Biochemistry, Microbiology and Molecular Biology.

Review Began: May 1. Salary Range: \$22,000 to \$32,000. Contact: Send a cover letter and detailed curriculum vitae and arrange for three letters of reference to be sent to: Mary Rumpho, Department of Biochemistry, Microbiology and Molecular Biology, 5735 Hitchner Hall, The University of Maine, Orono, ME 04469-5735 or by Email to: mrumpo@umit.maine.edu or call 207-581-2806, FAX 207-581-2801.

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).

Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/Distinguished Lecture Series Committee is Friday, March 30. Proposal guidelines and applications are available by contacting Wanda Legere, President's Office, x1516.

Campuswide Calendar

The UMaine Master Calendar is a searchable electronic listing of on-campus events for the academic year that have been submitted for inclusion. The Web-based calendar is located at <http://calendar.umaine.edu> and on FirstClass.

If you have events already scheduled, send your listings to the Master Calendar. If you are planning an event and want to check for other activities scheduled at particular days and times, check the Master Calendar or call 581-3745.

Alumni House *continued from page 2*

WBRC Architects/Engineers. In addition to the red brick exterior found on many UMaine buildings, Alumni House will borrow architectural design features, such as arches and roof designs, from other structures on campus.

The main building facing College Avenue will house UMaine's Visitors' Center and the Alumni Association's museum and library. Throughout the first floor, large, open areas will accommodate receptions and other events.

An elevator provides barrier-free access to the basement and second floor, the location of Alumni Association offices, and board and conference rooms.

A leadership hall connecting the buildings of the complex will showcase prominent UMaine alumni and their post-graduation achievements.

In the adjoining building, the Maine Event Room takes up much of the first floor. The room, which opens out onto a courtyard, will seat 125. It is named in honor of Clifford McIntire, Class of '30 and a former lawmaker from Aroostook County.

The University of Maine Foundation will occupy the second floor of the rear building. In the lower level, phonathon facilities and office space will be available for student groups affiliated with the Alumni Association.

Nationwide, the trend is for college and university alumni associations to have stand-alone physical homes. Across the country, alumni associations at colleges and universities are building, planning or adding on new facilities because they realize their importance on campus.

"When people visit this building, they will get a sense of what UMaine is about," Mills says. ▲

UMaine Cooperative Extension



4-H Youth Development needs volunteers

As part of the National Volunteer Week celebration April 22-28, University of Maine Cooperative Extension is seeking adult volunteers to work with 4-H Program youth, ages 5-19.

"We need people who have an interest in spending time with young people and who want to learn alongside them," says Ronald Jones, 4-H youth development specialist.

4-H is seeking people to help provide guidance in a variety of 4-H activities – from general chapter operations to specific projects. People with specific skills and interests are also needed.

Nationally, the average volunteer spends three to four hours per month serving one or more organizations. Last year, more than 4,000 volunteers provided support to the Maine 4-H Youth Development program.

Currently, more than 24,000 Maine youth participate in 4-H Youth Development programs in 16 counties. They are involved in a variety of activities and programs, including day camp, overnight camping, after-school programs, school enrichment and other special interest projects/groups.

4-H Youth Development is a learn-by-doing program that is part of UMaine Cooperative Extension, which has faculty and staff on campus and in every county in Maine.

Any adults interested in helping with the 4-H Youth Development program are encouraged to call their county Cooperative Extension office or call the toll-free number, 1-877-444-8623. ▲

Garden Show *continued from page 2*

Tickets are on sale 10 a.m.-2 p.m., March 27-28, 104 Deering Hall. For more information, contact Mary Fernandez, 581-2938.

Among the exhibitors at this year's Garden Show will be UMaine's award-winning Landscape Horticulture Society. The society's exhibit this year will be a country cottage-style garden.

Since 1993, society members have annually exhibited at the Garden Show, which is the primary fund raiser for Bangor Beautiful.

Also taking part in this year's Garden Show is the Hudson Museum, which will offer a Children's Room exhibit focusing on the plants and trees integral to the lives of Maine Indians. The exhibit will include hands-on activity stations for children and educational resources for teachers. ▲

Census *continued from page 2*

substantially in the years immediately following the Revolutionary War. There were 150 jurisdictions in Maine in 1790 when the state was part of Massachusetts. Ten years later, 239 jurisdictions existed.

The number reached its height in 1920 with 727. It has declined steadily since then. In 1990, there are 525, four fewer than in 1980.

Frank Wihbey, head of the government documents section at Fogler, maintains the Maine Census Data page and notes that changing boundaries raise questions about population trends in specific places. "We had to be careful to account for jurisdictions where population numbers from year to year might not always refer to the same land area," he explains.

For example, in 1891, a portion of Camden split off to form what is present-day Rockport. Some areas existed as political units for short periods, such as Ducktrap in Hancock County 1790-1800, and in some rare cases were claimed by more than one jurisdiction, such as Matinicus Island in 1840. The census database includes population numbers for those areas, as well as historical notes.

Data from the 2000 Census will be added to the database when it becomes available from the U.S. Census later this year.

The effort to compile historical census information for Maine began with Dawn Lacadie, a staff member who worked at the library until 1995. In responding to questions from the public about population trends, Lacadie sought data from many sources. She realized that having the information in one place would improve access for interested citizens.

The spreadsheets that Lacadie developed became the foundation for the Web site. Her information was entered into a computer database file and verified for accuracy. Graphics for the Census page were designed by Gary Guzzo at Atomic Studios in Boothbay Harbor; programming for the database was done by Curtis Meadow of Trefoil Inc. in Orono. ▲

Campus Energy Tips



From the Sustainability Coalition

Each household-size refrigerator on campus costs the University about \$60-\$200 per year in electricity. You can help reduce this cost and also reduce the University's contribution to global warming by making sure that the cooling coils at the back or on the bottom of any refrigerator in your work area are kept dusted, and that air circulates freely to the coils. If the refrigerator has manual defrost, keeping ice buildup at a minimum will greatly decrease the amount of electricity used. Most importantly, to reduce the total number in operation, can you share a refrigerator with someone else? Also, replacing your refrigerator with a new one can often cut the electricity used in half.

