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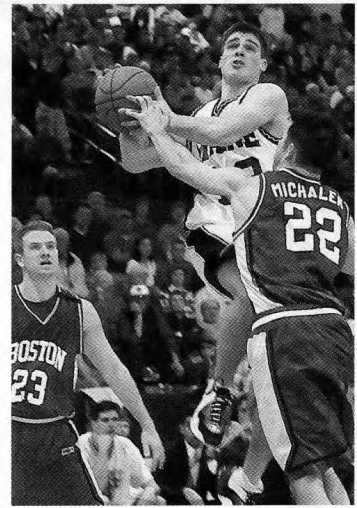
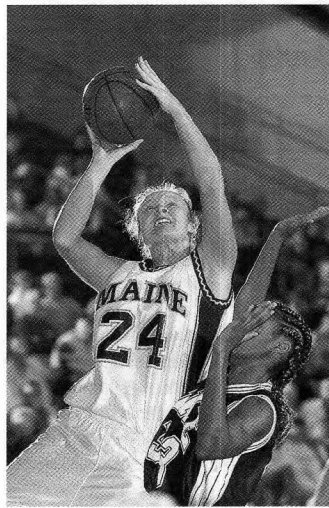
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Three senior student-athletes helped lead their respective Black Bear teams to highly successful seasons during the winter of 1999-2000. Women's basketball forward Jamie Cassidy led the 20-11 Black Bears in scoring and rebounding, and was selected as an All-America East first team member as her team qualified for its sixth consecutive NCAA Tournament appearance. Cory Larose, a first team All-Hockey East selection, led the league in scoring and received the Len Ceglarski Award, given annually to the most sportsmanlike player in Hockey East. Larose and the Black Bears won the Hockey East Tournament and took a 26-7-5 record into the NCAA Tournament, in which they were the number one seed in the East Regional. The UMaine men's basketball team, led by All-America East first team selection Andy Bedard, finished an historic season by shattering the UMaine records for wins, and turning in a 24-7 record and a second place regular season finish in America East.

Photos by Monty Rand

Diversity Conference to Focus on Race, Ethnicity

The University of Maine will demonstrate its commitment to bringing about greater racial and ethnic understanding and presence in the state at an April 6-7 conference. The Diversity Education Conference will examine the status, issues, opportunities and challenges of transition in a predominantly white, traditionally rural state.

Conference presenters and participants will probe the reality and perception of race relations, the process and implications of change, and strategies for identifying problems and finding solutions. Candid discussion of minority experiences will emphasize the role and responsibilities of the public and private sectors, and individuals in shaping opinion and advocating change in the state's business, educational and community environments.

As an institution and as a goal of the conference, we want to acknowledge the problems and recognize the opportunities.

Keynote speakers will be Jeannine Guttman, editor and vice president of the *Portland Press Herald/Maine Sunday Telegram*, who will set the stage for conference discussions with an overview of changing Maine demographics and diversity issues; Darlene Clark Hine of Michigan State University, an acclaimed author and historian of black women's history and contributions; and Clarence Glover, executive director of Multicultural Education in the Dallas, Texas public schools, who will give a talk, "Positioning Education for Global Diversity."

Planning and hosting a statewide conference on diversity is among the goals and initiatives outlined in UMaine's recent Diversity Action Plan. The College of Education and Human

continued on page 18

First Expenditure of 'Coke Funds' Used for Classroom Renovation

Three widely used lecture halls and a centrally located classroom will be the first to be renovated with "Coke funds" in this, the first year of the University of Maine's decade-long, nearly \$3 million beverage alliance with Coca-Cola Co.

Renovations in the four facilities – 100 Neville Hall, 110 and 120 Little Hall, and 206 Rogers Hall – are expected to be completed by the start of next semester.

continued on page 17

In Perspective

8 Conservation Biology Research

9 Tenure and Promotion

14 Pulp and Paper Foundation

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



Census 2000 Comes to Campus

Town of Orono Seeks Full, Accurate Count of Residents

Jason Libby, graduate assistant in the Center for Students and Community Life, has one message for students returning from the spring break: Fill out the Census 2000 form.

Libby is working with Nancy Bauer, chair of the Census Counts Committee for Orono, to promote a complete count in the town for the U.S. Census this year.

College students are considered residents of the town in which they live during the school year, instead of the town or city in which their parents reside.

"A complete census count means money to provide services for the town, and that includes the students," says Libby. "That money helps maintain roads, pay teachers and extend

utilities to attract new businesses where students work. It means a lot to the University community."

Census results will be used for the next decade to allocate state revenue sharing and prioritize types of federal grant awards. In the 1990s, says Libby, Orono received about \$90 annually in revenue sharing funds for every person counted. However, since only about 65 percent of Orono residents responded to the 1990 Census, it has been estimated that the town lost more than \$1 million in revenue sharing.

"We'll be doing some publicity for students. We hope to coordinate groups to provide assistance in dorms and at the Union," he says. ▲



UNIVERSITY OF MAINE

Office of the President

1701 AUGUST 2000
Census, Maine 10-400-0100
207-581-1226

Census 2000 is very important to the University and adjoining communities. Please join me in supporting the town of Orono in its goal to achieve a full and accurate count of all residents.

For census purposes, federal law specifies that college students are counted as residents of their school's home community if those students live on campus or in the school's host town. With an accurate count of students and year-round residents, Orono will qualify for greater financial support from federal and state governments, resulting in additional funds to subsidize community improvement, transportation needs, schools, and social services.

For these reasons, I urge all staff, faculty, and students who live on and off campus in Orono to take part in the upcoming Census 2000 effort and be counted.

Sincerely,

Peter Hoff
President

UMaine Webmaster Named

Howard Mosher of Orono has been named University of Maine Webmaster by the Office of University Advancement.

Mosher, who was selected after a national search, will be headquartered in University Advancement's Marketing Department in the Keyo Public Affairs Building.

As Maine Public Broadcasting's Webmaster for the past five years, Mosher was responsible for integrating marketing concepts through the Web, as well as other aspects of designing, establishing and maintaining a corporate Website, including hardware and software selection, installation and maintenance. Mosher has worked for Maine Public Broadcasting since 1989.

Prior to joining Public Broadcasting, Mosher was a freelance computer graphics artist and self-employed computer consultant. He graduated from Alfred University, Alfred, N.Y., with a bachelor's degree in fine arts – ceramics. ▲

New Edition of the University's Master Calendar Now Available

Following seven months of prototyping UMaine's first Web-based master calendar, the second edition is now posted at <http://calendar.umaine.edu>

The newest edition increases the master calendar's accessibility and interactivity. Upgrades include month-at-a-glance graphical calendars, shortcuts to events categories (i.e. lectures, entertainment, athletics), customized calendar links for sponsor-specific and special event calendars (i.e. Women's History Celebration), a new top-level page, and expanded data management interface. The calendar is searchable by event title or key word, category, date and sponsor.

Master calendar development is by Will Manion, laboratory instructor and facilities manager, Department of Civil and Environmental Engineering. Management is by the Department of Public Affairs and Center for Students and Community Life.

Since the calendar debuted Sept. 1, the Website has been visited more than 16,200 times, with 298,000 hits on different calendar pages. ▲

Second Graduate Research Exposition Open to the Public April 5

Contributions by graduate students in their fields of study at UMaine will be the focus of the second annual Graduate Research Exposition, Tuesday-Wednesday, April 4-5.

As of mid-March, more than 70 graduate students had registered to develop and present posters on their research. Graduate student abstracts are still being accepted.

The first day of the Exposition in Wells Conference Center is open to presenters and judges. The Exposition is open to the public 9 a.m.-2 p.m., April 5. Judging of presentations occurs that afternoon, with awards made at a public reception, 5-7 p.m.

Award winners will be in Augusta to present their posters to legislators in the State House April 6.

The Exposition is coordinated by the Association of Graduate Students, and is funded in part by the Graduate School and the Office of the Vice President for Research. ▲

MAINE Perspective

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Calendar

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

MARCH 29 – APRIL 12

29 Wednesday

Outdoor Leadership Training, part of the Maine Bound Program Winter/Summer 2000 course offerings, March 29. Admission Fee. Registration required by calling x1794.

"Women's Solutions: Setting a National Agenda in the 21st Century," part two of the two-part teleconference: "Women's Lives, Voices, Solutions: Shaping a National Agenda for Women in Higher Education," part of UMaine's Women's History Celebration, 11 a.m.-2 p.m., March 29, 126 Barrows Hall. x1228.

Brown Bag Conversations, weekly discussions on topics of interest to UMaine community, noon-1 p.m., March 29, FFA Room, Union. For topic information call x1734.

Final Exam Preparation, a Study Skills Workshop, 3-4 p.m., March 29, Sutton Lounge, Union. x1406.

Faculty Senate Meeting, 3:15 p.m., March 29, Mahogany Room, Wells Conference Center. x1167.

An Evening with Joan Baez, with an introduction of Eliza Carthy, part of the Women's History Celebration, 7 p.m., March 29, Maine Center for the Arts. Admission Fee. x1755.

30 Thursday

"Apple Scions and Grafting," by Kathy Carter, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon, March 30, Page Farm and Home Museum. x4100.

"Women and POWER (People Organized Working for Economic Rights)," with Sharon Barker, Judy Guay, Ruth Lockhart and Ilze Petersons, part of the Socialist and Marxist Studies Series and Women's History Celebration, 12:30-1:45 p.m., March 30, Bangor Lounge, Union. x3860.

"Who's Counting?" Marilyn Waring on Sex, Lies and Global Economics, part of the Peace and Justice Film Series and Women's History Celebration, 7 p.m., March 30, Devino Auditorium, Corbett Business Building. x3860.

Performance by the Takacs String Quartet, part of the Maine Center for the Arts performance season, 7 p.m., March 30, Hauck Auditorium. Admission fee. x1755. Pre-concert preview by David Klocko, 6 p.m., Bangor Lounge, Union.

For the latest in event information for the University of Maine, see the Master Calendar on the Web: calendar.umaine.edu

31 Friday

"New Technologies in Reproductive Health: Will They Reshape the Old Abortion Struggle?" by Carole Joffe, professor of sociology and women's studies, University of California at Davis, and author of *Doctors of Conscience: The Struggle to Provide Abortion Before and After Roe v. Wade*, part of UMaine's Women's History Celebration, 12:15 p.m., March 31, Lown Room, Union. x1228.

Performance by Planet Pan, an 18-piece steel drum band, part of the TGIF Music Series, 12:15-1 p.m., March 31, Damn Yankee, Union.

"Tombs, Temples and Teuchitlán Traditions: A View from the Wild West," by Joseph Mountjoy, University of North Carolina at Greensboro, part of the Hudson Museum Lecture Series, 2 p.m., March 31, Maine Center for the Arts. x1901.

"Selection on Gamete Recognition Proteins and the Speciation Process in Marine Animals," by Steven Palumbi, Harvard University, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., March 31, 102 Murray Hall. x2970.

"Modeling Land Use Change and Its Ecological Implications in Costa Rica: Combining Remotely Sensed and Socioeconomic Data," by Alexander Pfaff, Department of International & Public Affairs, Department of Economics, and Center for Environmental Research and Conservation, Columbia University, offered by the Department of Resource Economics and Policy and the Margaret Chase Smith Center for Public Policy, 3:10-4:30 p.m., March 31, 201 Winslow Hall. x3156.

Faculty Recital - Lud Hallman, part of the School of Performing Arts Season, 7:30 p.m., March 31, Minsky Recital Hall. Admission Fee. x1755.

MAINE PERSPECTIVE PUBLISHING SCHEDULE

April 10 (copy deadline March 29);
April 24 (copy deadline April 12);
May 8 (copy deadline April 26).

April

1 Saturday

Odyssey of the Mind, April 1.

Spruce Run Chocolate Party, University College Center, University College of Bangor, part of UMaine's Women's History Celebration, 7-9 p.m., April 1, University College of Bangor. Admission Fee. x1228.

Phat 15: Virtual Underground, an evening of virtual reality with a DJ in the Damn Yankee, cash bar in Bear's Den, refreshments in the Coffeeshop, 9 p.m.-2 a.m., April 1, Union. Admission Fee. x1406.

2 Sunday

University Singers in Concert, directed by Dennis Cox, part of the School of Performing Arts Season, 2 p.m., April 2, Minsky Recital Hall. Admission Fee. x1755.

3 Monday

Recreational Maine Guide Training Course, part of the Maine Bound Program Winter/Summer 2000 course offerings, April 3-12. Admission Fee. Registration required by calling x1794.

"Marine Mammal Protection: Who Decides How Much Is Enough?" by Sharon Young, Humane Society, part of the Wildlife Ecology Seminar Series, noon, April 3, 204 Nutting Hall. x2862.

President's Open Office Hour, 2-3 p.m., April 3, President's Office, Alumni Hall. x1512.

"Human Rights Atrocities in Tibet," by Palden Gyatso, a Tibetan Buddhist monk imprisoned for 33 years for practicing Buddhism, offered by Students for a Free Tibet, 7 p.m., April 3, Devino Auditorium, Corbett Business Building. 866-5767.

4 Tuesday

Colloquium with Classics Scholar and Feminist Philosopher Page Dubois, professor of classics and comparative literature, University of California - Berkeley and author of such books as *Sappho Is Burning*, offered by the English Department, April 4, Neville Hall. x3822.

Video: Falling Down, part of the Maine Lunchtime Adventure Series, noon, April 4, FFA Room, Union. x1794.

"Land Use Change and Soil Carbon: Uses of Isotope Geochemistry," by Laurie Osher, a Chemistry Colloquium, 11 a.m., April 4, 316 Aubert Hall. x1169.

"Biography, Transnational Feminism, and Empire: Margaret Cousins' Ireland and India," by Catherine Candy, assistant professor of history, University of Maine at Augusta, part of the Women in the Curriculum Luncheon Series and Women's History Celebration, 12:15-1:30 p.m., April 4, Bangor Lounge, Union. x1228.

Video: A Midwife's Tale, part of the Women's History Celebration, 6:30 p.m., April 4, 101 Fernald Hall. x1228.

Performance by Matthew Abelson, part of the Coffee House Music Series, 8-10 p.m., April 4, Peabody Lounge, Union. x1735.

5 Wednesday

Global Positioning System Seminar, part of the Maine Bound Program, April 5. Register by calling x1794.

"Association Between Fall Emigration and Spawning Activity in Lake Populations of Brook Trout (*Salvelinus fontinalis*) in Acadia National Park, Maine," by Jennifer Stone, candidate for master's degree in zoology, 11:15 a.m., April 5, 102 Murray Hall.

Brown Bag Conversations, weekly discussions on topics of interest to UMaine community, open to all, noon-1 p.m., April 5, FFA Room, Union. Call x1734 for topic information.

Test Taking, a Study Skills Workshop, 3-4 p.m., April 5, Sutton Lounge, Union. x1406.

History Graduate Students Present Their Work, a History Department Symposium, part of UMaine's Women's History Celebration, 3:30 p.m., April 5, Peabody Lounge, Union. x1228.

Northeast Forest Products Forum, April 5-7, Jenness Hall. To register, call 775-1200.

50th Pulp and Paper Open House, April 6-7, Jenness Hall. For information, call 581-2297.

6 Thursday

Diversity Conference, April 6, Wells Conference Center. Admission Fee. Registration required by calling x4092.

"Parenting Your Teen with Success and Sanity," by psychologist Lenore Tipping, part of the EAP Lunch and Learn Series, noon-1 p.m., April 6, Bodwell Lounge, Maine Center for the Arts. x4014.

Preview Night at the Bangor Garden Show, sponsored by The Robert and Catherine Barrett Fund for Landscape Horticulture at the University of Maine in Memory of Beatrix J. Farrand, with 10 percent of patrons program proceeds benefiting the Ellen Louise Payson Scholarship Fund, 6-9 p.m., April 6, Bangor Auditorium. Admission Fee. (The Bangor Garden Show runs April 6-9)

Out at Work, part of the Peace and Justice Film Series, 7 p.m., April 6, Devino Auditorium, Corbett Business Building. x3860.

"Black Women's History at the Intersection of Culture and Power," by Darlene Clark Hine, the John A. Hannah Professor of History, Michigan State University, part of UMaine's Women's History Celebration, 7:30 p.m., April 6, Wells Conference Center. x1228.

7 Friday

6th Annual Child Welfare Conference, featuring a keynote address by Terry Tafoya, executive director, Tamanawit Unlimited, Seattle; offered by the School of Social Work, Native American Studies Program, Maine Department of Human Services, and Eastern Maine Medical Center, April 7, Black Bear Inn. x2387.

Diversity Conference, April 7, Wells Conference Center. Admission Fee. Registration required by calling x4092.

GLBT Rainbow Millennium Conference, April 7, Devino Auditorium, Corbett Business Building. Admission Fee. x1406.

"The African-American Odyssey: The First Textbook in Black History," by Darlene Clark Hine, the John A. Hannah Professor of History, Michigan State University, part of UMaine's Women's History Celebration, 10:30-11:45 a.m., April 7, Dexter Lounge, Alford Arena. x1228.

Performance by Neobop, part of the TGIF Music Series, noon-1 p.m., April 7, Damn Yankee, Union. x1406.

"Response to Selection and Estimation of Heritabilities for Rapid Growth in Eastern Oysters (*Crassostrea virginica*, Gmelin 1791) and the Use of Fast Growing Lines to Reduce Susceptibility to Juvenile Oyster Disease," by Christopher Davis, candidate for Ph.D. in marine bio-resources, 1 p.m., April 7, 220 Libby Hall.

"Flying Apart: Sexual Selection and Speciation in Hawaiian *Drosophila*," by Christine Boake, University of Tennessee, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., April 7, 102 Murray Hall. x2970.

Second Annual Distance Education Advisory Committee (DEAC) Faculty Forum, featuring 10-minute Web presentations by 1999 DEAC Award winners and announcement of 2000 DEAC Award winners, 3:30-6 p.m., April 7, Soderberg Center, Jenness Hall. Call x3305 to reserve a seat.

Lecture by Candace Gingrich, chair of the national Human Rights Campaign, part of the 6th Annual Northeast Regional Gay, Lesbian, Bisexual and Transgendered Student Activist Conference - "Rainbow Millennium, Activism for a New Era," 7 p.m., April 7, Devino Auditorium, Corbett Business Building. x1406.

Performance by the Alvin Alley Repertory Ensemble, part of the Maine Center for the Arts performance season, 8 p.m., April 7, Hutchins Concert Hall, Maine Center for the Arts. Admission Fee. x1755.

8 Saturday

GLBT Rainbow Millennium Conference, April 8, Wells Conference Center. Admission Fee. x1406.

Introduction to Rock Climbing Day Workshop, part of the Maine Bound Program Winter/Summer 2000 course offerings, April 8. Admission Fee. Register by calling x1794.

Ongoing Events

Exhibits/Demonstrations/Tours

William Irvine: Recent Paintings, a Museum of Art exhibit, through April 8, Carnegie Hall. x3255.

Komar & Melamid: Catalogue of Superobjects: Supercomfort for Superpeople, a Museum of Art exhibit, through April 8, Carnegie Hall. x3255.

Bangor Art Society Exhibit, featuring works by Lindsay May Farris, Gaye Grant, Glennis Mockler, Darlene Sweezey and Helen Wolfhagen, through April 20, Chadbourne Hall. x3072.

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

Meetings of Groups/Organizations

Career Action Network for Nontraditional Women Students, meets first Friday of every month, noon-1:30 p.m., offered by the Commuter/NTS Office, Women's Resource Center and Career Center, Fernald Hall. x1508.

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

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

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

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

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

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

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

Yoga Groups - for Stress Management and Fitness, Fridays, noon-1 p.m., through May 19, Dexter Lounge, Alford Arena. x4014.

Whitewater Kayak Tune-up Session, part of the Maine Bound Program Winter/Summer 2000 course offerings, April 8. Registration required by calling x1794.

Annual AAUW Used Book Sale, 9 a.m.-3 p.m., April 8, Church of Universal Fellowship, 82 Main Street, Orono.

Phat Fifteen, featuring Open Mic Night, 9 p.m.-midnight, April 8, Bear's Den, Union. Admission Fee.

9 Sunday

GLBT Rainbow Millennium Conference, April 9, Wells Conference Center. Admission Fee. x1406.

University Orchestra Spring Concert, directed by Anatole Wiecek, part of the School of Performing Arts Season, 2 p.m., April 9, Minsky Recital Hall. Admission Fee. x1755.

10 Monday

"Ecological Extinctions in a Half-Empty Forest," by Kent Redford, Wildlife Conservation Society of New York, part of the Wildlife Ecology Seminar Series, noon, April 10, 204 Nutting Hall. x2862.

Women of the World Lunch, focusing on Greek cuisine and culture, noon, April 10, Church of Universal Fellowship, 82 Main St., Orono. Admission Fee. x2905.

End of Second Third of Semester for Withdrawals, see your dean's office for details, 4:30 p.m., April 10.

Oedipus the King, performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 7 p.m., April 10, Hutchins Concert Hall. Admission Fee. x1755.

11 Tuesday

"Outfitting your Whitewater Boat," part of the Maine Lunchtime Adventure Series, noon, April 11, FFA Room, Union. x1794.

Registration for Fall 2000 Begins, April 11.

"Entropically Driven Order: From Liquid Crystals to Cell Biology," by Judith Herzfeld, Department of Chemistry, Brandeis, a Chemistry Colloquium, 11 a.m., April 11, 316 Aubert Hall. x1169.

"Research & Finance," a new faculty luncheon, with guests Bob Durringer, Sharon Jackiw and Susan Reardon, offered by the Center for Teaching Excellence and Office of Academic Affairs, noon-1:30 p.m., April 11, Private Dining Room, Wells Conference Center. Reservations required by calling x3472.

"Telling a Midwife's Tale: Writing the Life and Times of Martha Ballard," by Laurel Thatcher Ulrich, UMaine class book author and James Duncan Phillips Professor of History, professor of women's studies, and director of the Charles Warren Center for Studies in American History, Harvard University, part of the Women's History Celebration, 4 p.m., April 11, Minsky Recital Hall. x3822.

Performance by Andy Hicks, part of the Coffee House Music Series, 8-10 p.m., April 11, Peabody Lounge, Union. x1735.

12 Wednesday

Find Your Way Out of the Woods Seminar, part of the Maine Bound Program Winter/Summer 2000 course offerings, April 12. Registration required by calling x1794.

Brown Bag Conversations, weekly discussions on topics of interest to UMaine community, open to all, noon-1 p.m., April 12, FFA Room, Union. For topic information call x1734.

"The Strategic/Capital Plan," by Peter Hoff, part of the PEAC Brown Bag Luncheon Series, noon, April 12, Bodwell Lounge, Maine Center for the Arts.

"English and Algonquin Women in the Age of Homespun," by Laurel Thatcher Ulrich, James Duncan Phillips professor of history, professor of women's studies, and director of the Charles Warren Center for Studies in American History, Harvard University, part of the Women in the Curriculum Luncheon Series and Women's History Celebration, 12:15-1:30 p.m., April 12, Bangor Lounge, Union. x1228.

"Enhancing Students' Critical Thinking Skills," open to all UMaine faculty, instructors, and teaching assistants, facilitated by James Berg and Charlie Slavin, 1-3 p.m., April 12, North Lown Room, Union. Reservations required by calling x3472.

Catching up on College Reading, a Study Skills Workshop, 3-4 p.m., April 12, Sutton Lounge, Union.

Look Who's On Campus



JOSEPH MOUNTJOY, head of the Department of Anthropology at the University of North Carolina at Greensboro, will lecture Friday, March 31 at 2 p.m., in the Hudson Museum on "Tombs, Temples and Teuchitlán Traditions: A View from the Wild West." Mountjoy's areas of interest are in cultural history, paleoecology, cultural frontiers, ethnoarchaeology and rock art. His Mesoamerican research includes archaeology in the area of Jalisco, between Guadalajara and Puerto Vallarta, which has provided a hinterland perspective on shaft-and-tomb mortuary customs, ceremonial architecture and external relationships during the development of Teuchitlán Tradition.



As part of the Diversity Education: Race and Ethnicity conference, **JEANNINE GUTTMAN**, editor and vice president of the *Portland Press Herald/Maine Sunday Telegram*, will deliver a keynote address at 3:30 p.m., Thursday, April 6, Wells Conference Center, on "The Changing Face of Maine: Interpreting the Demographics and Framing the Story." Guttman heads a news staff of 120 at the state's largest newspaper. She has spent much of her 23-year journalism career as a political reporter. Guttman is a Pulitzer Prize juror and chairs the American Society of Newspaper Editors' Management and Human Resources Committee.



DARLENE CLARK HINE will present two lectures as part of the Diversity Education: Race and Ethnicity conference and the annual Women's History Celebration. During the 6:30 p.m. dinner session Thursday, April 6, Hine will deliver a keynote address on "Black Women's History at the Intersection of Culture and Power." The following day at 10:30 a.m., Dexter Lounge, Alford Arena, Hine will speak on "The African-American Odyssey: The First Textbook in Black History." Hine is one of the most important scholars of African American women's experience. She has edited and written widely on African-American history.



CLARENCE GLOVER, executive director of multicultural education for Dallas public schools, will deliver a keynote address Friday, April 7 as part of the Diversity Education: Race and Ethnicity conference. His talk, "Positioning Education for Global Diversity," will be at noon, Wells Conference Center. Glover is considered one of the most respected voices on African-American history and culture, intercultural relations and racism. He is former director of Intercultural Education and Minority Student Affairs, Southern Methodist University.

Activist **CANDACE GINGRICH** will speak Friday, April 7 as part of Rainbow Millennium the 6th annual Northeast regional Gay, Lesbian, Bisexual, Transgendered and Questioning Student Conference. Gingrich will give a public lecture at 7 p.m., Devino Auditorium, Corbett Business Building. She will also keynote the conference April 8. Gingrich is the National Coming Out Project Manager of the Human Rights Campaign. She became involved with HRC when her brother, Newt Gingrich, was elected speaker of the U.S. House.

Harvard professor **LAUREL THATCHER ULRICH**, author of this year's class book, will be on campus Tuesday-Wednesday, April 11-12. She will lecture at 4 p.m., April 11, Minsky Recital Hall, on "Telling a Midwife's Tale: Writing the Life and Times of Martha Ballard." The following day, she will lecture on "English and Algonquin Women in the Age of Homespun," 12:15-1:30 p.m., Bangor Lounge, Union. Ulrich directs the Charles Warren Center for Studies in American History at Harvard. *A Midwife's Tale* earned her 10 prestigious awards, including the Pulitzer Prize for History and the Bancroft Prize in American History, both in 1991.



PATRICIA ANAWALT, director of the Center for the Study of Regional Dress at UCLA's Fowler Museum of Cultural History, will speak at 3:30 p.m., Friday, April 14 in the Hudson Museum on "The Ecuadorian Presence in West Mexico: Cloth, Clothing and Spondylus Shells." Anawalt's areas of specialization include textiles and costumes of prehispanic, Spanish Colonial and present-day Mexico and Central America, and prehistory of Middle America. Her newest book will focus on the worldwide history of dress - from the paleolithic to the present.

People in Perspective

Andrei Strukov is a foreign language specialist.

An educator for 18 years, Strukov has spent the last decade in Maine teaching Russian language and literature.

But now, Strukov is leading education efforts at UMaine in what for some is also a foreign language – instructional technology.

“For many faculty, computer is still a foreign language,” says Strukov, an instructional technology development specialist with Information Technologies. “However, students today acquire computer skills naturally – as their native language.”

Strukov knows the challenges of incorporating technology into teaching for the first time. In 1992, he faced what for him was the unknown. Six years later, he not only was hooked on the importance of instructional technology, but he had proof of the difference it made in his classes.

Now as coordinator of IT's new Faculty Development Center, 108 East Annex, Strukov is hoping to help UMaine faculty introduce or more fully integrate technology into their curricula.

“Initially, it's an investment in time,” says Strukov. “That's how I started. But once faculty see the benefits (of integrating technology into teaching), they won't stop.”

Strukov came to the States to teach Russian at UMaine for two years as a part-time instructor. He then began teaching Russian language and literature full time at Colby and Bates colleges. In Russia, Strukov was teaching in his hometown of Syktyvkar, 800 miles north of Moscow. He was serving as an interpreter for a U.S. delegation when he met then Maine Sen. Michael Pearson, who invited him to Maine the following year.

“I had learned English in my school and always dreamed of traveling all over the world,” says Strukov. “I also was 100 percent sure it was impossible, living in the Soviet Union, a closed country.”

“My head was full of Soviet propaganda of American skyscrapers, sex shops on every corner and loud music in the streets. Then I moved to Sen. Pearson's house in tiny Enfield, and lived in a house on a lake, just two dogs and me, since the Senator was away from home most of the time.”

In 1992, Strukov was joined by his wife. His daughter was born six years ago. The family now lives in Fairfield.

Prior to Perestroika, Russian was a popular language to study in college because it was considered “the language of the enemy,” says Strukov. Subsequently, interest in Russian continued because of the new opportunities to travel to the former communist country.

In Maine, almost 40 percent of Strukov's students were people who wanted to learn more about the language and culture following their first trip to Russia. Others had more practical reasons for pursuing what is considered one of the most difficult second languages to learn: Minor in “difficult” languages like Russian or Chinese would make applications for graduate school or government careers stand out.

It was while teaching at Colby College that Strukov first switched on a computer. It wasn't long before he was using computer technology to strengthen his Russian curricula.

“In 1992 at Colby, everyone had a computer in his or her office and technical training was provided as an investment in



Andrei Strukov

Instructional Technology Development Specialist

Photo by Monty Rand

the faculty,” Strukov says. “At first, I was scared I would break the computer. It seemed delicate but smart. I later discovered the computer is smart and powerful. Then, with time, I realized it was smart, powerful and obedient, if you know how to make it do what you want.”

Strukov created a Russian grammar program that was used by his students and posted on the Internet in 1994. Two years later, he developed an interactive program for Russian language comprehension. He soon realized

the difference technology can make in teaching.

“I looked at students' knowledge in beginning Russian in 1992 without technology and in 1998 with full technology,” says Strukov. “By Nov. 1 of both years, with the same teacher and basically the same book, there was a gap in the level of language acquisition. It had to do primarily with (students' interest in) the obvious benefits that technology extends.”

In 1992, the focus was on students developing their writing skills in Russian. They kept a weekly journal in Russian, which Strukov corrected and graded. “I had been teaching for years, and it was the normal thing to do,” he says. However, in 1998, his students of Russian were communicating to each other via an Internet bulletin board. One of the differences, says Strukov, was between handing in a journal only the student and teacher saw, and electronic messages viewed by peers, and part of lively discussions and debates.

In addition, for honing comprehension skills, students in 1992 were sent to a language lab to listen to a text and answer a sheet of questions. Six years later, technological advances allowed Strukov to take advantage of digitized world news clips on the Internet, complete with language scripts, which he downloaded and modified to meet the needs of his class. The integration of such technology caught the interest of students watching current events and seeing how news was presented around the world.

“In general, faculty need to learn what I learned, that incorporating technology into teaching is not difficult,” Strukov says. “An ocean of information is out there. The Faculty Development Center is here with some of the latest equipment (two PCs, three Macintosh, CD burners, scanner, digital cameras, etc.), and stipends and workshops available.”

The goal is to help faculty use technology to increase efficiency, and enhance or broaden courses.

“We are able to give solid advice and the tools to use,” he says. “I often give the ‘what ifs.’ Using a simple program, a 10-page course exam can be put on the Web, password protected and time limited. The computer calculates the grades. It takes two hours to learn the program and time to put it on the Web, but the technology ultimately saves time this year and in years ahead.”

Center Stage

School of Performing Arts



Craig Bowden as Paul and Destiny Tardif as Corey are among the cast of seven in the Maine Masque production of *Barefoot in the Park*, opening Wednesday, April 12.

Photo by Monty Rand

Barefoot in Hauck

Student director Sean Fidler will bring the Neil Simon classic *Barefoot in the Park* to Hauck Auditorium April 12-16.

Simon's whimsical play about love, marriage and the horrors of a first apartment will be performed by a cast of seven.

For Fidler, a senior theatre major from Bangor, this is his directing debut outside of a class project. This also is one of the first times in years that Maine Masque has tapped an undergraduate to direct a production. In past years, Maine Masque has selected graduate student directors who have brought such productions as *Reckless* and *SubUrbia* to the stage.

"The entire show is run by students who wish to get first-hand knowledge of how to raise money for a theatrical production, how to market and publicize it, how to design, direct and perform it with only advisory guidance from the faculty," says Fidler.

Tellis Coolong of Patten, also a senior in theatre and the play's assistant director, suggested the script to Fidler.

"I have always wanted to direct and I've been a big fan of Neil Simon for some time," says Coolong. "For actors, this play offers a wide range of characters to play and situations to overcome. Plus, Neil Simon is just very funny."

The play will be presented at 7:30 p.m., April 12-15; 2 p.m., April 15-16.

Guest Conductor Joins Orchestra for Spring Concert

Violinist and violist Ann Danis will be the guest conductor for the University Orchestra's spring concert that begins at 2 p.m., Sunday, April 9 in Minsky Recital Hall.

Danis is director of Orchestral Activities at the University of Rhode Island, and founder of the Ocean State Chamber Orchestra and Ocean State Youth Orchestra. She serves as a clinician and guest conductor throughout the region.

The orchestra, conducted by Anatole Wieck, will perform the *Don Quixote Suite* by G.P. Telemann, Symphony No. 49 (*La Passione*) by Haydn, *The Barber of Seville Overture* by Rossini, *Slavonic Dances* by Dvorak and a Bach *Prelude*.

The orchestra also will perform a concerto for two violins and orchestra, featuring soloists Patricia Shih and Weronika Knapik, members of Le Stagioni, the UMaine/Bangor Symphony Orchestra String Quartet.

Athena in Spring

Music of the Athena Consort will fill the air twice this spring.

The 22-member women's group will perform in Minsky Recital Hall at 7:30, Wednesday, April 12 and at St. John's Catholic Church, York Street in Bangor, Sunday, April 16 at 6:30 p.m.

Dennis Cox, director of the choral music program and professor of music, started the group in 1996. It has been directed by Francis John Vogt, an instructor in music, ever since.

When planning the group's repertoire, Vogt says he tries to find works written by women for women. This year, he has planned a variety of songs that celebrate spring.

The centerpiece this year is *Stabat Mater* by G.B. Pergolesi, a baroque Italian composer. The piece, one of the oldest and most revered poems, is about Jesus' mother Mary at the cross, says Vogt.

Athena Consort also will perform *Ave Verum* by Katherine Dienes and *Mary Speaks* by Daniel Gawthrop at St. John's. In addition, the concert at Minsky will include *Latin Madrigals* by Gregg Smith, *The Maid on the Shore* by Stella Goud, *Flow Gently Sweet Afton* by Lana Walter, and *Gate Gate* by Brian Tate.

Hotaru Koi by Ro Ogura will be conducted by Michelle Fogg, a senior in the music education program and the Consort's assistant director.

Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/Distinguished Lecture Series Committee is Monday, April 3. Proposal guidelines and applications are available by contacting Wanda Legere, President's Office, x1516.

OUTSTANDING CLASSIFIED EMPLOYEES AWARDS

To raise the awareness of the campus community about the indispensable contributions that represented and non-represented classified employees make to the quality, diversity and overall mission of the University of Maine, the Classified Employees Advisory Council (CEAC) is soliciting names of outstanding classified employees for the Employee Recognition Awards. The awards are presented each year at the annual Employee Recognition Banquet in May.

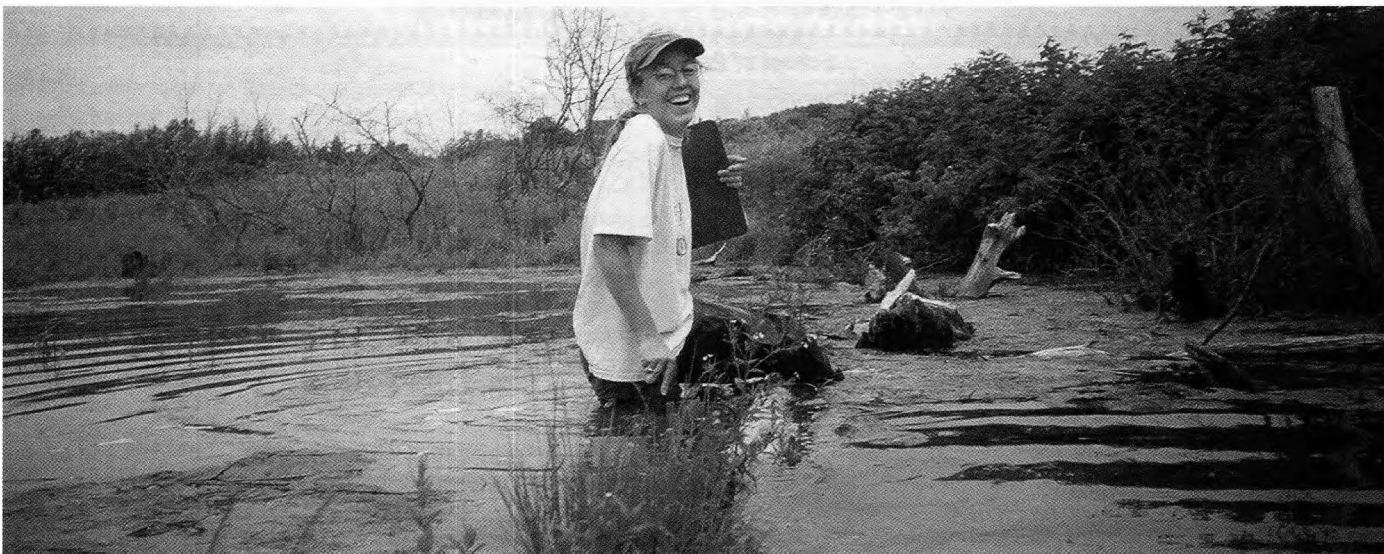
Two awards are presented annually to represented and non-represented classified employees whose actions and activities, above and beyond normal work responsibilities, have provided outstanding service to their department(s), to the University or to outside community organization(s). In recognition of the employees' accomplishments and contributions, a cash stipend of \$1,000 is presented to each awardee.

Another University employee must nominate a classified employee. To be eligible for an award, the employee must be a current represented or non-represented classified employee with a minimum of three years continuous service. The employee need not be in the same position over that three-year period.

When nominating an individual, describe the actions or activities that deserve consideration for the award; include the positive impact the person has had on the department, the University, or the outside community organization(s). Describe the unique characteristics that set the performance of the individual above normal, expected performance levels. Letters of recommendation must be limited to two typewritten pages.

Submit nominations to Cindy Perry, Chair, CEAC Recognition Committee, 120 Cutler Health Center.

Deadline for receipt of nominations is March 31.



Anne Guerry

Photo by Kennon Guerry

Peeping in Ponds

From sunset to the early hours of the morning, she could be found driving at a crawl or stopped on the shoulder of Aroostook County highways and byways.

Law enforcement officials knew her well.

Locals called her the frog lady.

"I conducted surveys at night to hear what frog species were calling," says UMaine graduate student Anne Guerry, talking about the lighter side of what has been ambitious, arduous and serious science. "That meant I was driving around, most often from 9 to midnight, stopping by the sides of the roads to hear calls of frogs from the nearby ponds. I got to know all the police in the area. They would stop to ask what I was doing by the side of the road, or to ask if I had car trouble. I had many late-night conversations with police, and I told them what I told farmers and landowners – I'm looking for frogs.

In her master's research in wildlife ecology, Guerry has been studying the results of habitat loss and isolation on nine species of frogs and salamanders that live on land but depend on ponds for breeding. Her living laboratory in the summers of 1998 and 1999 was set against the agricultural landscape of Aroostook County, where historic forests were cleared to make way for fields and farm ponds.

With the permission of landowners, Guerry studied amphibian species in 116 ponds distributed across 1,700 square miles. Each had forested areas within a half-mile of the pond. Her goal was to determine the influence on the nine species of frogs and salamanders when there was little forested habitat in the uplands surrounding ponds and when ponds were located some distance from woodlands.

What is being extracted from her work are general principles about the importance of habitat loss and isolation that go far beyond the ecology of these nine species. An important goal of conservation biology is that of understanding how humans impact natural systems, Guerry says. Understanding these impacts is an essential step toward mitigating them. Two of the most pervasive types of human influence on natural systems are habitat loss and fragmentation – two concepts Guerry's work begins to untangle.

"Although I think pure ecology is interesting as a science, I'm

interested more in applying scientific research to conservation," says Guerry, who has been named the Outstanding Graduate Student in the UMaine Department of Wildlife Ecology. "Until I was a sophomore in college, I thought I was going to medical school to be a doctor, which is a strong tradition in my family. Instead, I'm now focused on medicine for whole ecosystems, not the individuals in it."

Guerry grew up in Wynnewood, Pa., and spent summer vacations on Block Island, off the coast of Rhode Island. "I loved the outdoors and on Block Island, I spent a lot of time in frog ponds, on trails and in tide pools," says Guerry. "I got into this research to try and understand natural systems and to protect them. It's fun to be out there, understanding for the sake of knowledge, hopefully gaining tools to protect ecosystems, as well."

Guerry earned an undergraduate degree with a double major in English and environmental studies from Yale. "I'm a nontraditional student in that regard," she says. "But taking English has helped me be a better scientist. I can communicate my ideas better in journals and in popular writing."

After graduation, Guerry spent the next two years gaining a field experience. "I was learning both about research techniques and different researchers' perspectives," she says. "At that stage in my career, I was trying to decide the sorts of questions that interested me and I was gathering tools to answer those questions."

In Montana, she studied grasshoppers and in Utah, cavity-nesting birds. In Australia, she was involved with research on skinks (small lizards), one of two species of egg-laying mammals called echidnas or spiny anteaters, and feral cats and foxes in the Simpson Desert.

"The experience introduced me to the literature and to what the field is about," says Guerry. "That's also when Mac Hunter's name came up."

Hunter, professor of wildlife resources and Libra Professor of Conservation Biology, is internationally recognized for his work in wildlife biology and ecology. When Guerry started graduate work under his direction in fall 1997, she designed her own research project studying amphibians. March 1998, she was awarded a

continued on page 18

University of Maine Faculty Tenured and/or Promoted 1999 – 2000



UNIVERSITY OF MAINE

Office of the President

5705 Alumni Hall
Orono, Maine 04469-5705
207/581-1512

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,

Peter S. Hoff
President

Granted Tenure at the Rank of Professor

College of Natural Sciences, Forestry, and Agriculture



Paul Mayewski has been granted tenure at the rank of professor of geological sciences and Quaternary studies. He joins the University of Maine community in July. Mayewski received a Ph.D. from the Institute of Polar Studies at Ohio State University in 1973. His research focuses on glaciology, paleoclimatology, climatology, environmental statistics and glaciochemistry. Mayewski is internationally renowned for his study of climate change and change in the chemistry of the

atmosphere. Most recently, he directed the Climate Change Research Center at the University of New Hampshire, where he was a professor in the Institute for the Study of Earth, Oceans and Space, and in the Department of Earth Sciences. Mayewski has led more than 25 scientific expeditions to the Antarctic, Arctic and Himalayas. He has served for eight years as chief scientist for the Greenland Ice Sheet Project Two, a multi-institutional NSF project that has revolutionized our understanding of climate change. He is a fellow of the American Geophysical Union, and an Explorers Club fellow and recipient of a Citation of Merit. Mayewski says the most appealing aspects of being a faculty member include working in the exciting and constantly evolving field of climate change, and being able to share the excitement with students and colleagues.

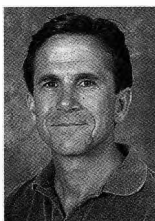
Promoted to Professor

College of Education and Human Development



Sandy Caron has been promoted to professor of family relationships. Caron received a Ph.D. in human development at Syracuse University in 1986 and joined the UMaine faculty two years later. Her primary focus has been in the area of human sexuality. Caron's publications have focused on knowledge, attitudes and behaviors related to birth control, condom use, sexual assault and sexuality education. Last year, Caron was presented the Margaret Vaughn Award by the Family Planning

Association of Maine for her outstanding contribution to sexuality. She was named UMaine's 1998 Presidential Outstanding Teacher of the Year, and the year before, recipient of an Outstanding Faculty Student-Centered Award. Caron says a fundamental of her teaching is the belief that every human being must be genuinely respected and valued as a worthy person. The role of advisor and mentor to students is very important; that includes letting them know that someone cares.



Theodore Coladarci has been promoted to professor of educational psychology. Coladarci received a Ph.D. in educational psychology from Stanford University in 1980. Three years later, he joined the UMaine faculty. As editor of the *Journal of Research in Rural Education* since 1992, he focuses on challenges facing schools in rural communities (e.g., resources, economies of scale, connections to "place") and the corresponding effects on academic outcomes. In educational measurement,

he is particularly interested in the design, conduct and psychometric properties of standards-based assessments, both large-scale state assessments and those developed locally. Coladarci also works in teacher cognition, particularly the antecedents and consequences of teacher self-efficacy.

College of Engineering

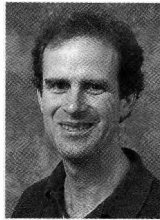


M. Kate Beard-Tisdale has been promoted to professor of spatial information science and engineering. Beard-Tisdale joined the UMaine faculty in 1987, and received a Ph.D. in land resources from the University of Wisconsin - Madison the following year. In her research, Beard-Tisdale focuses on spatio-temporal models; digital spatial libraries; metadata and spatial data quality; uncertainty in spatial databases; and visualization of spatial data quality. Last year, she received the College

of Engineering's Ashley Campbell Award. Beard-Tisdale says the interdisciplinary collaborations are a stimulating aspect of her research. One example is her current project to link aspects of spatial information modeling and genome research. "Right now this is a very exciting field because the technology is opening up all sorts of new research avenues," she says.



Knud Hermansen has been promoted to professor of civil engineering technology. Hermansen received a Ph.D. in civil engineering from Pennsylvania State University in 1986 and a law degree from West Virginia University in 1989, the same year he joined the UMaine faculty. Hermansen specializes in boundary retracement, land development, construction and real property law, liability, contracts and land title. Among his top honors, Hermansen was named Pennsylvania and Maine Surveyor of the Year in 1986 and 1997, respectively. At UMaine, he received the Engineering Young Faculty Outstanding Teaching Award in 1992 and the Continuing Education Profession Faculty Service Award in 1998. Hermansen notes that working with students is the most appealing aspect of being a faculty member. "Our students will be the leaders in the Maine construction industry and I'm proud to be a part of their training," he says.

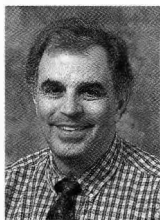


Don Hummels has been promoted to professor of electrical and computer engineering. Hummels received a Ph.D. in electrical engineering from Purdue University in 1987, and the next year joined the UMaine community. His research focuses on nonlinear methods in signal processing and application to digitally implemented receiver architectures. He is involved in fast data converter architecture, design and applications. Hummels is the recipient of the College of Engineering's 1992 Young Faculty Outstanding Teaching Award. In addition, he was invited to prepare and present the plenary paper at the 4th International Workshop on ADC Modeling and Testing, Bordeaux, France. Hummels notes that, in 11 years at UMaine, he has worked with some great people who have become close friends. "It's always a thrill to see a student with whom you've worked closely succeed at both a personal and professional level."

College of Liberal Arts and Sciences



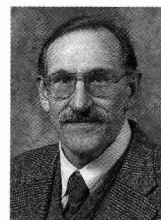
Cathleen Bauschatz has been promoted to professor of French. Bauschatz joined the UMaine community in 1972 and completed a Ph.D. in French and Romance philology at Columbia University the following year. Bauschatz specializes in 16th-century French women readers and writers, including Michel de Montaigne and Marie de Gournay. This year, she serves as chair of the Modern Language Association of America Division on Sixteenth-Century French Literature. Bauschatz has been invited to submit an essay on women writers of the French Renaissance for the forthcoming book, *French Women Writers*, to be published by Cambridge University Press. She also has been invited to present a talk at the International Montaigne Colloquium in Glasgow, Scotland. Bauschatz interacts with an international group of scholars in French Renaissance literature. She says that teaching, which includes honors courses, is immensely rewarding as a means of communicating the excitement that led her into this field 30 years ago.



Eugene Del Vecchio has been promoted to professor of Spanish. Del Vecchio, who has a Ph.D. in comparative literature from the University of Washington, joined the University of Maine community in 1983. Del Vecchio specializes in Renaissance literature. He is completing a manuscript on the Spanish Romantic writer G.A. Becquer, and another on the Modern Spanish writer Julio Llamazares. Del Vecchio says the most enjoyable aspect of being a faculty member has been teaching and interacting with students, both in the Department of Modern Languages and Classics, and in the Honors Program.



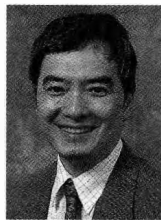
James Fastook has been promoted to professor of computer science. Fastook received a master's degree and Ph.D. in physics from UMaine in 1974 and 1977, respectively. He joined the faculty of his alma mater in 1986. Fastook's research focuses on modeling the Ice Ages. In trying to understand the behavior of ice sheets, models can be used to answer "what if" questions, and also can act as simulators to allow users to train in the behavior of ice sheets. Fastook notes that the most appealing aspect of being an educator is having the opportunity to work with young minds as they are still being formed. "If by some luck I am able to inspire just one of these people to ask grand questions about the world, to explore some avenue he or she would otherwise have been too timid to explore, to aspire beyond the goals he or she had when arriving at the University, then I have been successful."



Michael Howard has been promoted to professor of philosophy. In 1981, Howard received a Ph.D. in philosophy from Boston University and joined the UMaine faculty. He focuses on social and political philosophy/philosophy of social science. Howard served as chair of the Philosophy Department from 1993-98. This year, his book *Self-Management and the Crisis of Socialism: The Rose in the Fist of the Present* was published. His numerous professional offices include serving this year on the advisory board of the Society for Indian Philosophy and Religion. Of his teaching, Howard notes that it is "rewarding to turn students on to philosophy for the first time, then see some of them flourish as majors, and later to discover how philosophy continues to shape their lives years after graduation." As a UMaine faculty member, Howard says he appreciates the freedom to "explore ways of linking philosophy to everyday life, through community education and participation in the controversies of civic life."



Stuart Marrs has been promoted to professor of music. He joined the University of Maine community in 1985, and earned a doctorate in music at Indiana University in 1989. Marrs is an internationally recognized percussionist, focusing on solo and chamber ensemble performance. His musicological interest is in Latin America. Marrs founded and performed with Percussiano, a two-piano/two-percussion chamber ensemble comprised of world-class performers. Last April, the UMaine Percussion Ensemble, which Marrs directs, was the first American percussion group ever to perform in Cuba. In 1997, Marrs also took the Ensemble on a two-week concert tour in France. Before a live audience of 70,000, Marrs conducted the Bangor Symphony Chamber Players in a performance of *Histoire du Soldat* by Stravinsky as part of Phish's "The Great Went" concert in Limestone. Marrs is involved in the University's New Media program, designed to position students "in the forefront of today's burgeoning high-tech environment."



Ngo Vinh Long has been promoted to professor of Asian history. He received a Ph.D. in East Asian history and Far Eastern languages from Harvard University in 1978, and joined the UMaine community in 1985. Currently, Ngo is working on three book manuscripts, including the tentatively titled *Vietnam: The Quest for Independence and Freedom, 1945-2000*, under contract with Columbia University Press. Ngo serves on the editorial boards of two international scholarly journals: *The New Political Science* and *The Bulletin of Concerned Asian Scholars*.



Michael Palmer has been promoted to professor of political science. Palmer received a Ph.D. in political science from Boston College in 1981, and joined the University of Maine community two years later. Palmer's academic area of interest is political philosophy. In 1987-88, he was internationally selected to be a John M. Olin Foundation Faculty Fellow. In 1990 and 1994, he was selected to direct National Endowment for the Humanities Summer Seminars. Palmer is a five-time Earhart Foundation Summer Fellowship Research Grantee. He describes his faculty work as "a life of theory or contemplation, reading and thinking, (as well as) dialectical discussion with interested students."

Marli Weiner has been promoted to professor of history. Weiner received a Ph.D. in history from the University of Rochester in 1986, and joined the UMaine faculty two years later. In 1997, she authored two books: *Plantation Women: South Carolina Mistresses and Slaves, 1830-1880* and "A Heritage of Woe": *The Civil War Diary of Grace Brown Elmore*.

College of Natural Sciences, Forestry, and Agriculture



Mary Ellen Camire has been promoted to professor of food science and human nutrition. In 1989, Camire received a Ph.D. in nutrition and food sciences from Texas Woman's University, and joined the UMaine community. Her research focuses on healthful food components, including those in medicinal herbs; chemical changes in extruded foods; and consumer attitudes about foods. This year, Camire is chair of the Institute of Food Technologists Nutrition Division and Research Committee. She is president-elect of Phi Tau

Sigma, the national honor society for food science and technology, and she serves on the editorial boards of *Cereal Chemistry* and *Journal of Food Quality*. As a faculty member, Camire says she appreciates the freedom to pursue research and teaching areas of interest while providing benefits to consumers and students. "I am never bored since technology is always changing and students are coming to campus with new skills and questions."



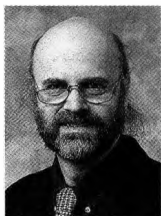
Dorothy Croall has been promoted to professor of biochemistry. She received a Ph.D. in biochemistry from the University of Rochester School of Medicine and Dentistry in 1979, and joined the UMaine faculty in 1990. Croall's research focuses on the important biological functions of proteolytic enzymes called calpains. Calpains are one family of calcium-binding proteins that respond to calcium's messages that regulate many important intracellular processes. Croall's laboratory has made significant contribu-

tions to our understanding of the biochemistry of these enzymes. Croall was an invited speaker and session chair for the 1999 FASEB summer conference on "The calpain system in health and disease." Croall has been cited by former students as "influential" to them. She says trying to inspire, encourage and stimulate students to be curious enough to learn more about whatever their interests are, and to set higher goals for themselves, are the great challenges and joys of her work.



Daniel Harrison has been promoted to professor of wildlife. Harrison received a Ph.D. in wildlife from UMaine in 1986, and two years later joined the faculty. Harrison's research focuses on habitat ecology of forest wildlife, carnivore ecology and predator-prey communities. His research goal is to contribute knowledge toward the understanding of the roles of carnivores in natural systems, and the effects of forest harvesting on wildlife communities. In 1992, Harrison was named Distinguished Forest Resources Professor of the

Year. Last year, he was voted as a cooperating faculty member with the Maine Cooperative Forestry Research Unit, and appointed cooperating associate professor of forest ecosystem science. Of his role as a faculty member, Harrison says he appreciates the independence, intellectual freedom and opportunity to interact on a daily basis with society's brightest young minds. "The short-term wins and losses in the classroom provide balance to the long-term investments and feedback in research," he says.



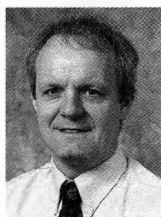
Keith Hutchison has been promoted to professor of biochemistry. Hutchison received a Ph.D. in bacteriology from the University of Wisconsin - Madison in 1974. He joined the University of Maine community in 1984. Hutchison's research focuses on genomics, genome organization and genome flux. In particular, he studies molecular genetic regulation of growth and development in both plants and animals. Hutchison is UMaine's 1999 Presidential Outstanding Teaching Award recipient. Last year he also

received the Outstanding Teaching Award for the College of Natural Sciences, Forestry, and Agriculture. In 1996, he received the Outstanding Undergraduate Teaching Award for the College of Sciences. Hutchison says the appeal and excitement of the University environment centers on knowledge obtained through scholarly activity and shared with students. While the former brings reward intermittently, "teaching provides a continuum of challenges and rewards from the daily interaction with the growing intellects of the students."



Jody Jellison has been promoted to professor of molecular plant pathology. Jellison received a Ph.D. in plant pathology/virology from Oregon State University in 1983. Two years later, she joined the UMaine faculty. Jellison's research focuses on biological degradation of wood/fungal physiology. Last August, she was an invited symposium speaker at the International Society of Biodegradation and Biodeterioration, Washington, D.C. In 1995-96, she served as chair of the National Committee on Forest Pathology for the American

Phytopathological Society. Jellison also keynoted the International Research Group on Wood Preservation meeting, Kyoto, Japan, in 1991, and received the Ron Cockcroft Award from the group the following year. Jellison was named the 1998-99 G. Peirce and Florence Pitts Webber Outstanding Researcher in Forest Resources. Of her work, Jellison says she particularly enjoys the opportunity to direct her own research program and to interact with other scientists and with graduate students in her lab. "The University of Maine offers a unique opportunity to combine research and teaching interests in the supportive environment of a land-grant university," she says.



Gregory Porter has been promoted to professor of agronomy. Porter received a Ph.D. in agronomy, specializing in crop physiology, from Pennsylvania State University in 1985, and joined the UMaine faculty that same year. His research centers on cropping systems, including crop response to irrigation and nutrient management, and potato variety development. Porter is the recipient of a UMaine Sustainable Agriculture Faculty Award, and has served as director of the Potato Association of America. He notes that he really enjoys

the Maine agricultural community and conducting research that helps solve problems. Porter's research leads to better quality crops that are produced with less negative environmental impact. In addition, working with undergraduate and graduate students, he says, "keeps your thinking sharp," while broadening ideas and information.



Rebecca Van Beneden has been promoted to professor of marine sciences. In 1983, Van Beneden received a Ph.D. in biochemistry from Johns Hopkins University. She joined the University of Maine community in 1993. Van Beneden studies environmental toxicology and chemical carcinogenesis. Her research focus is the investigation of molecular responses of aquatic organisms to contaminants.

College of Liberal Arts and Sciences



Scott See has been promoted to professor of history, with tenure. See received a Ph.D. in Canadian-American history from UMaine in 1984, and joined the faculty in 1997. He is a UMaine Libra Professor of History. See's research to date has focused on the history of Canadian collective violence and 19th-century immigration patterns. He has written *The History of Canada for Greenwood Press' Histories of the World Series*. In addition, he received a UMaine Faculty Research Award to complete the research for a study of

ethnicity and collective conflict in 19th-century Canada. He has already completed extensive research for this project at the National Archives and National Library of Canada in Ottawa in 1995-96 as a Fulbright Research Fellow. While See's research interests are in social history, he presents in his undergraduate and graduate courses a variety of historical perspectives, incorporating political, economic, diplomatic and cultural history. He says the opportunity to work closely with doctoral and master's students in his field of expertise was one of the most compelling reasons to return to his alma mater as a faculty member.

Promoted to Associate Professor with Tenure

College of Business, Public Policy and Health



Kim McKeage has been promoted to associate professor of marketing, with tenure. McKeage joined the UMaine faculty in 1994, and received a Ph.D. in marketing from the University of Massachusetts - Amherst two years later. Her research involves retailing, ethics and marketing education. Her goal is to integrate knowledge from diverse perspectives to improve understanding of marketing practice and marketing education. Among her top honors, McKeage was accepted into Phi

Kappa Phi as an undergraduate at Mississippi University for Women, and remains an active member at UMaine. She also is a member of Beta Gamma Sigma, the national business honorary society, and Kappa Mu Epsilon, a national mathematics honorary. McKeage says academia "seems like a natural place for someone who is never satisfied with pat answers." One of the greatest joys of being a faculty member is sharing the enthusiasm of broadening horizons with colleagues and students, she says.

College of Engineering



Eric Landis has been promoted to associate professor of civil engineering, with tenure. Landis received a Ph.D. from Northwestern University in 1993 and joined the civil engineering faculty a year later. Landis studies structural mechanics and materials. He was cited for the 1999 College of Engineering Early Career Research Award. In 1998, Landis received the College's Engineering Award for Outstanding Accomplishment in Teaching by a Young Faculty, and a National Science Foundation Career

Award. Landis notes that the rich intellectual diversity of the campus community "continually keeps me humble, while the students do their best (generally unsuccessfully) to keep me hip."

College of Liberal Arts and Sciences



Roger King has been promoted to associate professor of philosophy, with tenure. He received a Ph.D. in philosophy from Boston University in 1985. Beginning in 1986, he taught at UMaine for three years as an assistant professor, then began his tenure-track position in 1994. King is the recipient of a highly competitive National Endowment for the Humanities Summer Research Grant. His academic areas of interest are primarily in environmental ethics and ethical theory. His current research

inquires into ways to bridge the gap in environmental philosophy between defending the inherent value of wild ecosystems and thinking critically about how we might responsibly transform our built or domesticated environments. Successful protection of the environment will ultimately require us to re-think many aspects of our habitual ways of living and thinking. One of King's research goals is to think more fully about what an environmentally responsible culture might look like. King notes that the opportunities for academic life to affect the "real world" are unmatched in their potential to transform and enhance both the lives of individuals and the entire outlook of human societies.

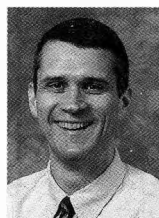


Douglas Nangle has been promoted to associate professor of psychology, with tenure. Nangle received a Ph.D. in clinical psychology from West Virginia University in 1993, and joined the UMaine faculty the following year. His research focuses on clinical child psychology, behavior therapy, child and adolescent peer relations, Attention-Deficit/Hyperactivity Disorder, and the assessment and treatment of adolescent sex offenders. Nangle is associate editor of *Education and Treatment of*

Children, and editor of special sections in *Education and Treatment of Children* and *Journal of Clinical Child Psychology*. He also is editor of an upcoming book, *Friendship and Psychological Adjustment*, published by Jossey-Bass, a division of Simon and Schuster. Of his time on the faculty, Nangle says he has most enjoyed being part of a comprehensive learning community.

College of Natural Sciences, Forestry, and Agriculture

Daniel Distel has been promoted to associate professor of biochemistry, microbiology, and molecular biology, with tenure. He received a Ph.D. from Scripps Institution of Oceanography, University of California - San Diego in 1987, and joined the UMaine faculty in 1994. Distel's research focuses on physiology, ecology and evolution of bacteria/marine bivalve symbioses. These include endosymbioses that allow hydrothermal vent and hydrocarbon seep bivalves to "eat" hydrogen sulfide and methane, and endosymbioses that allow other bivalve species to survive on a wood diet. Areas of investigation include host-symbiont recognition, coregulation and coevolution, as well as the mechanisms and consequences of symbiont transmission.



Darrell Donahue has been promoted to associate professor of bio-resource and forest engineering, with tenure. In 1992, Donahue received a Ph.D. in engineering and operations research at North Carolina State University. Three years later, he joined the UMaine faculty. Donahue's research focuses on food safety, design for pathogen detection in flow processes, and risk assessment modeling. "The most exciting moment for me is being able to watch students walk across the stage and graduate," Donahue says. "It is a great feeling to see a student, who had serious doubts about his or her academic performance, grow in knowledge and confidence in order to receive a diploma."



Andrew Egan has been promoted to associate professor of forest resources and forest engineering, with tenure. Egan received a Ph.D. in forest resources from Pennsylvania State University in 1993, and joined the UMaine faculty five years later. Egan's research focuses on forest harvesting effects, low-impact and small-scale logging methods; timber supply and causes of idle logging capacity; and social and behavioral dimensions of forest harvesting. Among his honors, Egan received a

Faculty Research Award from West Virginia University in 1997 and an Outstanding Faculty Award from UMaine's student chapter of the Society of American Foresters in 1999. He serves as associate editor for the *Journal of Forestry* and *Northern Journal of Applied Forestry*. "I'm paid to teach and interact with interesting, intelligent and motivated students, and, through research, contribute to the body of knowledge that constitutes forest science - in one of the most beautiful states in the country," Egan says. "What could be better?"



Alexander Huryn has been promoted to associate professor of aquatic entomology, with tenure. Huryn received a Ph.D. in entomology from the University of Georgia in 1986. Prior to joining the University of Maine community in 1996, Huryn held a tenured faculty position at the University of Otago, New Zealand. Last October, Huryn was appointed to the editorial board for the journal *Freshwater Biology*. His paper, "Life History and Production of Stream Insects," was published this month in the *Annual Review of Entomology*.



Huijie Xue has been promoted to associate professor of marine science, with tenure. She received a Ph.D. in atmospheric and oceanic sciences from Princeton University in 1991. Her research focus is on coastal air-sea interactions. She is funded by NSF to examine the intensification of cyclones off the eastern seaboard of the United States, hoping to improve our ability in forecasting severe winter storms. Xue also is funded by NOAA, NASA and ONR to develop coastal circulation models. The goal is to deliver operational forecasts as part of an integral effort in coastal water quality monitoring and marine resource management. Last summer, Xue was invited to give a talk on wintertime air-sea interactions at a Gordon Conference. In the fall, she hosted an international workshop on coastal ocean modeling with more than 60 scientists from 12 countries. Xue says the most appealing aspect of being a faculty member is the freedom to pursue research interests. "It is particularly satisfying when students gain perspective and new insights, both in class and in research."

Promoted to Extension Professor



Steven Johnson has been promoted to Extension professor. Johnson received a Ph.D. in plant pathology from the University of Florida in 1982. He joined the University of Maine community in 1988. Johnson's research focuses on environmentally and economically responsible potato disease control and potato production. He has received a Citation for Meritorious Service to Safety from the National Safety Council, and a President's Award from the Maine Potato Board. Johnson, who is

headquartered in Presque Isle, has served as interim director of the Maine Seed Potato Board. According to Johnson, public service is the most appealing aspect of being a faculty member. "The responsibility, as well as the rewards of being in public service, are enormous," Johnson says.

Promoted to Associate Extension Professor with Continuing Contract



Debra Eckart has been promoted to associate Extension professor, with continuing contract. Eckart received a master's degree in education from the University of Maine in 1984. In 1994, she joined the faculty of her alma mater. Her areas of interest are in health, wellness, nutrition and aging. Last April, Eckart received the first Extension Supervisory Award of Excellence. She coordinates Washington County's Senior Companion Program, and has served as county coordinator. Of her work as an

Extension educator, Eckart says she enjoys bringing educational programs and opportunities from UMaine to the people of Washington County. "Working with local citizens and watching them develop their leadership skills is very exciting," Eckart says.



David Marcinkowski has been promoted to associate Extension professor, with continuing contract. He also is associate professor of animal, veterinary and aquatic sciences. Marcinkowski received a Ph.D. in dairy science from Ohio State University in 1982. He joined the University of Maine community in 1992. Marcinkowski's work involves distance education of the livestock industry; use of on-farm computers for farm management; improved management and performance of dairy

cattle; and 4-H dairy projects and activities. "One of the exciting parts of my job is the teaching and interaction I have with UMADCOWS," he says. "This program is one of only five in the nation where students can gain experience with dairy cattle through the operation and management of the Witter dairy facility." As a Cooperative Extension dairy specialist, Marcinkowski also works with farmers on a variety of problems and issues - from business management, nutrition and reproduction to genetics, health, crops and facilities. "It is challenging to anticipate the educational needs of a changing dairy industry within the state," he says.

UMaine TODAY

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

- ▼ Listserv (e-mail joe_carr@umit.maine.edu to subscribe)
- ▼ FirstClass folder "UMaine Today"
- ▼ On the Web at www.ume.maine.edu/~paffairs/releases/today.html

ANNUAL AAUW USED BOOK SALE

The annual AAUW Used Book Sale will be 9 a.m.-3 p.m., Saturday, April 8, in the Vestry of the Church of Universal Fellowship, Main Street, Orono.

Ann Pilcher is this year's chair.

Donations for the sale are now being accepted. A container for donated books is located at Orono Public Library. In addition, donations can be brought to the church 9 a.m.-4 p.m., April 5-7. (Use the side door on Juniper Street.)

Snacks and light lunches will be available during the sale.

For more information, call 866-4193 or 866-7860.

Barrett Fund to Sponsor Bangor Garden Show Preview Night

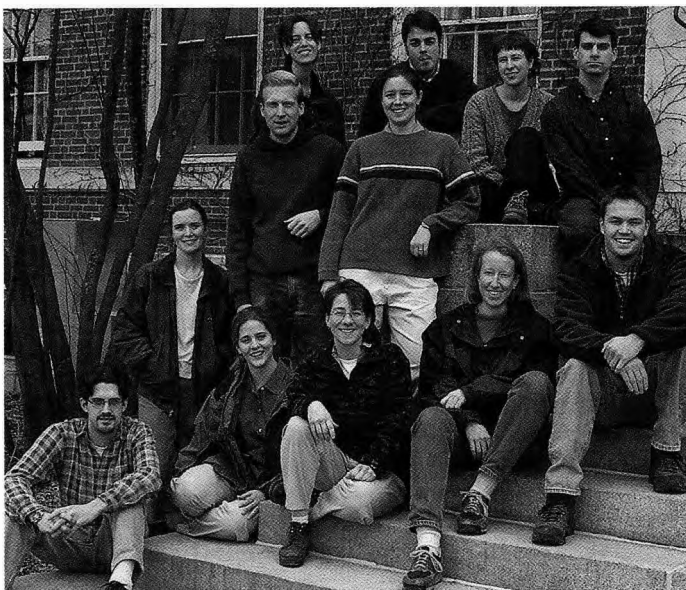
The 10th anniversary of the Bangor Garden Show Thursday-Sunday, April 6-9, will open with a Preview Night that will raise money to establish a scholarship benefitting students in UMaine's Landscape Horticulture Program.

Preview Night, 6-9 p.m., April 6, will be sponsored by The Robert and Catherine Barrett Fund for Landscape Horticulture at the University of Maine in Memory of Beatrix J. Farrand. That night, 10 percent of patron program proceeds will benefit the Ellen Louise Payson Scholarship Fund, being established with gifts from the Bangor Beautiful Association and attendees of the Bangor Garden Show.

The Preview Night theme, "Crocuses and Croquet," will be demonstrated by a turn-of-the-century garden party exhibit, complete with a display of vintage clothing once owned by Beatrix Farrand.

Among the exhibitors at the Garden Show will be the award-winning University of Maine Landscape Horticulture Club. The Club's exhibit this year will be a backyard terrace garden.

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



A committee of public school teachers and UMaine science faculty has selected 10 UMaine graduate students and two undergraduates to be National Science Foundation Graduate Teaching Fellows. The students will participate in the first year of a three-year federally funded project to support student research and provide additional scientific expertise to public school classrooms. They are, seated in front, Richard Gordon of Bangor, a master's candidate in marine biology; microbiology undergrad Sarah Morse of Natick, Mass.; Beth Bussell of Skowhegan, a Ph.D. candidate in food science; Julia Daly of Bangor, a Ph.D. candidate in geological sciences; and microbiology undergrad Peter Phelan III of Brewer. Standing left to right are: Susan Hayhurst of Fort Wayne, Ind., a master's candidate in marine biology; Jonathan Spender of Old Town, a master's candidate in wood chemistry; Barbara Gillman of Hiram, a master's candidate in food science. Seated in back, left to right, are: Shelly Thomas of Orono, a Ph.D. candidate in ecology and environmental sciences; Peter Smith of Orono, a Ph.D. candidate in biological sciences; Regina Purtell of Orono, a master's candidate in wildlife conservation; and Steven Campbell of Old Town, a Ph.D. candidate in wildlife ecology. Professor of Plant Biology Susan Brawley coordinates the program. During the 2000-2001 academic year, each Fellow will spend 10 hours a week in public school classrooms. Schools in Orono, Veazie, Old Town, Indian Island, Milford and Bradley are participating. The project is supported by a \$1.3 million NSF grant. UMaine was one of 20 institutions to receive a grant out of 157 university applicants nationwide.

Photo by Monty Rand

The University of Maine Pulp and Paper Foundation *A Half-Century of Success*



Past and present University of Maine Pulp and Paper Foundation Scholars are, left to right, Barbara Kerr Hamilton, 1982 ChE, scholarship committee member, project manager at The Fitch Co., Bangor; Monique Cote 2001 ChE (Presque Isle High School), co-op Mead Corp., Rumford; Dana Cook, 2001 ChE (Jay High School), co-op International Paper, Jay; Jamie Guevera 2000, ELE, (Bangor HS), co-op General Electric Co., Bangor.

The University of Maine Pulp and Paper Foundation will celebrate a half-century of partnership between industry, students and UMaine at the 50th annual Open House program, April 6-7.

The theme of the Open House, "Celebrate 50 Years of Success," offers an opportunity to look back at Foundation achievements, which are now serving as the springboard for the future.

The University established the first pulp and paper engineering program in the United States in 1913. Since that time, UMaine has graduated more students preparing for paper industry-related careers than any other university in the nation.

Beginning in 1935, the University's paper alumni held a luncheon annually in New York City as part of the annual "Paper Week." This informal organization provided the basis for what in 1950 would become the Pulp and Paper Foundation, which since has been emulated at seven other universities.

Since its founding, the Pulp and Paper Foundation has encouraged more than 2,100 UMaine students with scholarships worth in excess of \$7 million. The 2000 scholarship budget is \$525,000. Total expenditures in support of UMaine since 1950, including scholarships, are more than \$17 million. The Foundation is supported through annual gifts from 110 companies in 23 states, by several hundred individuals, and by endowment and earned income.

The Foundation's roots go back to after World War II when alumni working in the paper industry became increasingly aware of the difficulty in attracting enough well-prepared people for the more technical jobs being created as paper-making moved from an art to a science. At the same time, the University realized

that it needed to strengthen the faculty and modernize its laboratory equipment. The confluence of interests resulted in the formation of an exploratory committee by UMaine President Arthur Hauck, which culminated in the Pulp and Paper Foundation and its two original committees: finance and curriculum.

The 12 original directors of the

Foundation included J. Larcomb Ober, Frederic Soderberg, Henry Fales, Thomas Mangan, Philip Bolton, George Bearce and M.C. McDonald, each of whom later made significant contributions in support of the University and the Pulp and Paper Foundation. The Ober Professorship is managed by the

continued on page 17

NORTHEAST FOREST PRODUCTS FORUM

Dovetailing into the 50th Pulp and Paper Open House is the Northeast Forest Products Forum, April 5-7. The Forum will focus on such areas as technical and policy trends in forest management and forest products, and energy and alternative fuels. The event is sponsored by the University of Maine Industrial Assessment Center in conjunction with the Environment and Energy Center (E2 Center), an affiliate of the Maine State Chamber, the Maine Manufacturing Extension Partnership, Northeast-MidWest Institute and the UMaine Pulp & Paper Foundation. For more information or to register, contact Joan Saks of the E2 Center, 775-1200.

Pulp and Paper Pilot Plant Expanded Through Donations of Equipment, Labor and Services

The most significant expansion of the pulp and paper pilot plant since the Jenness Hall facility was built in 1987 has been completed through donations of equipment, labor and services from more than a dozen Maine businesses.

Cianbro Corp., of Pittsfield played a major role in locating, transporting and installing equipment to expand the plant.

The more than \$500,000 in additions have given student and faculty researchers in the Department of Chemical Engineering the ability to test new production techniques at an industrial scale and to exercise greater control over experimental techniques.

"We have had wonderful cooperation from businesses and our advisory council," says Proserfina Bennett,

facility manager. "They recognize how important this facility is to the state and have been eager to get it done."

Much of the equipment came from the Kimberly Clark Corp.'s now closed Winslow mill. A 20-inch industrial-scale refiner is a centerpiece of the project. The refiner treats pulp by fibrillating the fibers prior to the beginning of the paper-making process. Refining affects fiber bonding, strength and optical qualities, says Bennett. The machine was part of a donation by Kimberly Clark.

In addition to the refiner, donated equipment includes a forklift, a large pulper from Albany International and a new multiple vessel digester system that permits liquor profiling in alkaline kraft pulping. Multiple vessels permit liquors to be recycled.

John Moring, professor of zoology, Department of Biological Sciences: "Stock Actors in the West," *True West*, 47(4):18-23 (2000).

L.D. Smith, associate professor of psychology; **L.A. Best** and **V.A. Cylke**, psychology graduate students; and **D.A. Stubbs**, professor of psychology:

"Psychology Without *p* Values: Data Analysis

at the Turn of the 19th Century," *American Psychologist*, 55:260-63 (2000). Also, Smith, Best, Stubbs, and former psychology graduate students **J. Johnston** and **A.B. Archibald**: "Scientific Graphs and the Hierarchy of the Sciences: A Latourian Survey of Inscription Practices," *Social Studies of Science*, 30:73-94 (2000).

Interim Provost **Donald Zillman**: *Energy Law and Policy for the 21st Century* (with Jay Hickey, Suedeene Kelly, Maria Mansfield, and Joseph Tomain), published by the Rocky Mountain Mineral Law Foundation (March 2000).

Andreas Blaser, graduate research assistant at the National Center for Geographic Information and Analysis and Ph.D. candidate in Spatial Information Science and Engineering; Monika Sester, research associate at the University of Stuttgart; and **Max Egenhofer**, director of the National Center for Geographic Information and Analysis, College of Engineering's Liba professor, professor in Spatial Information Science and Engineering, and cooperating professor in Computer Science: "Visualization in an Early State of the Problem-solving Process in GIS," *Computers & Geosciences*, 26(1): 57-66 (2000).

Book Ends

New & Noteworthy at the University Bookstore

The Wishing Box by Dashka Slater, Chronicle Books (2000). Julia, a smart, sexy, almost 30-year-old single mom, is doing a pretty good job of raising her son but isn't too sure about what she's doing with the rest of her life. One day, on a whim, she and her sister create a wishing box and hold a ceremony for the return of their father, who abandoned the family when they were young. Astonishingly, he does come back – and with momentous stories to tell. But Julia has already set out on her own unintended adventure. Julia and her family of seers, cynics, and seekers are at the heart *The Wishing Box*, a funny and constantly surprising first novel about appearances and disappearances, the desire to control the future and explain the past, and the legacies passed on from one generation to another.

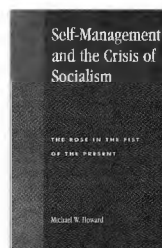
The Verificationist by Donald Antrim, Knopf (2000). From the author of *The Hundred Brothers* comes a strikingly insightful and inspired new novel, set in a pancake house. Donald Antrim's *The Verificationist* is a deadly serious, desperately playful, off-the-wall, and perfectly on-target book permeated by the unlikely smell of maple syrup in the evening and the sharpened consciousness of a group of psychoanalysts. Tom, the narrator, is a psychotherapist who, during the night-long pancake dinner with colleagues, has an out-of-body experience and finds himself looking down on the party from the ceiling. Through the night, he watches as his friendships, his marriage, and even his professional identity, unfold and unravel until, in a catastrophic and inevitable tandem of ascent and regression, he loses his very sense of self. Taking on psychoanalysis and sex, work and family, *The Verificationist* explodes old myths and creates new ones. It is a wildly imagined, superbly written novel from a writer whose work has been hailed as "gloriously unhinged."

In America by Susan Sontag, Farrar Straus Giroux (2000). *In America* is Susan Sontag's bold and brilliant new novel, a kaleidoscope portrait of America on the cusp of modernity. As she did in *The Volcano Lover*, Sontag starts from a story located in the past to create a fictional world full of contemporary resonance. In 1876, a group of Poles led by Maryna Zalezowska, Poland's greatest actress, emigrate to the U.S. and travel to California to found a "utopian" commune. Maryna, who has renounced her career for this venture, is accompanied by her small son and her husband, an aristocrat in revolt against his family. When the commune fails and most of the emigres return to Poland, Maryna stays, learns English, and forges a very successful career on the American stage. *In America* is about many things: a woman's search for self-transformation; the fate of idealism; a life in the theatre; the many varieties of love; and, last not least, stories and storytelling. *In America* is Sontag's largest, most astonishing achievement.

Reminder: Deadline for Summer Session coursebook requisitions is April 1.

V O L U M E S

Recent Works by University of Maine Authors



Self-Management and the Crisis of Socialism: The Rose in the Fist of the Present

By Michael Howard
(Rowman & Littlefield Publishers 2000)

While some conclude from the 1989 revolutions that socialism is dead, interest in socialism continues because of problems of contemporary capitalism. In his newest book, *Self-Management and the Crisis of Socialism*, Associate Professor of Philosophy Michael Howard offers critiques of liberal, communitarian, post-modern and some Marxist perspectives in order to develop a "left-liberal" defense of a model of self-managed market socialism that includes a basic income for all. Specific applications include analyses of the implications for the global marketplace, the changing nature of workplaces, and media restructuring and ownership.

Howard addresses three aspects of the crisis of socialism: If socialism is to survive, there must be found a noncapitalist alternative to centrally planned economies and one-party states; socialists in the East and West are experiencing a crisis of identity concerning what it means to be a socialist and what the constituency for socialism is; socialist ideology is in crisis concerning how it or any universalistic political philosophy can be defended. In each case, Howard advances an idea that is as old as the socialist movement itself, although not always central to particular socialist parties, projects or economies: the idea of worker self-management.

A revival of the idea of self-management is critical to the revival of socialism today, says Howard. This book is one attempt to reinsert the idea of self-management into the discourse of the Left by exploring its justification in political theory, its practicality in models of socialist alternatives, and its relevance in particular contexts of struggle.



Drive Dull Care Away: Folksongs from Prince Edward Island

By Edward "Sandy" Ives
(Institute of Island Studies, Prince Edward Island 1999; distributed in the U.S. by University of Illinois Press)

Like many other folklorists of his time, Sandy Ives started out as a guitar-strumming folksinger. However, it wasn't long before his folksinging led him to folksong collecting. *Drive Dull Care Away* is a record of that collecting in Prince Edward Island, starting with his memorable trip up the Western Road in 1957, accompanied by the legendary "Big Jim" Pendergast.

Based on his journals, field recordings and a prodigious memory, Ives has reconstructed those visits to Prince Edward Island. As a result, the book is not only a collection of folksongs from Canada's smallest province, but it also is an account by a master storyteller of the people he met and the adventures along the way.

Drive Dull Care Away is described as part social history, part memoir that takes readers on a journey through a traditional culture on the cusp of dramatic change.

Features of the book include lyrics, music and annotations for 62 folksongs. It also comes with a CD, remastered from Ives' original field recordings, which provide examples of a traditional style of performing that has now largely vanished.

Ives is professor emeritus of folklore and director emeritus of the Maine Folklife Center.

Thomas Wagner, assistant professor, Department of Computer Science, presented "Design-to-Criteria Scheduling: Real-Time Agent Control" at the American Association of Artificial Intelligence (AAAI) Spring Symposium on Real-Time Autonomous Systems, Stanford University, March 20-22. The focus of the symposium was

addressing hard and soft real-time requirements in agent computing systems. Example applications include spacecraft control and online information gathering. Wagner also was invited to present at the plenary session, and contributed to "Reasoning About Uncertainty in Design-to-Criteria Scheduling," presented by an associate, Anita Raja from the University of Massachusetts.

At the annual meeting of the Eastern Branch of the Entomological Society of America in Springfield, Mass., Feb. 20-23, **Ellie Groden**, associate professor of entomology, Department of Biological Sciences, presented two papers, "Environmental Effects on Persistence and Replication of Entomopathogenic Fungi" and "Biocontrol of the Colorado Potato Beetle - to the Millennium." **Frank Drummond**, associate professor of entomology, Department of Biological Sciences, presented a paper, "Pollination of Lowbush Blueberry." **Hanne Joergensen**, graduate student in the Ecology and Environmental Sciences Program, Groden and Drummond, presented a poster, "Persistence of *Beauveria bassiana* on potato *Solanum tuberosum*." **Silvia Fernandez**, a graduate student in Biological Sciences, was awarded first place in the student competition by presenting a paper, "Factors Affecting the Sporulation Process of *Leptinotarsa decemlineata* Say (Coleoptera: Chrysomelidae) Larva Infected with the Entomopathogen *Beauveria bassiana*." **Kathy Georgitis**, a graduate student in the Ecology and Environmental Sciences Program, placed fourth in the student paper competition by presenting "Effects of Shade on Malaise Trap Catch." **Chandler Morse**, a graduate student in the Ecology and Environmental Sciences Program, presented a paper, "Influence of Varying Degrees of Urbanization on Stream Benthic Communities in Maine."

Feb. 27-Mar. 2, **Dan Sandweiss**, Anthropology and Quaternary Studies, was an invited participant in the workshop "El Niño: Past, Present, and Future," sponsored by the National Oceanographic and Atmospheric Administration (NOAA) Office of Global Programs and the National Science Foundation (NSF) Earth Systems History and Climate Dynamics Programs. Sandweiss presented a talk on "El Niño Archives in the Archaeological Record." The workshop was held at the Seabrook Island Resort on the South Carolina coast.

Henry Munson, chair, Anthropology, gave a lecture, "Explaining Islamic Militancy," at American University's School of International Service, Feb. 18.

Michael McCauley, assistant professor of journalism and mass communication, has joined the editorial board of *SIMILE*, a new e-journal at the University of Toronto. The journal focuses on studies in media and information literacy education. It can be found at: <http://simile.fis.utoronto.ca/>

Professor **Dennis Cox**, Music, conducted the University Singers in a runout concert to Mt. View High School, Thorndike, March 3.

Betsy Amtzen, Canadian-American Center's education outreach coordinator, presented a workshop to middle school and high school teachers at the annual meeting of the Northeast Regional Council for the Social Studies, March 9, in New Haven, Conn. The workshop offered background information and techniques for extending existing curriculum to include Canadian history and culture.

Assistant Professor **Beth Wiemann**'s work *Canto Compleanno* was premiered at the Spring in Havana 2000 Music Festival March 7 in the Casa de la Obrapia of Havana's Old City. The work also will be performed at 2 p.m., April 8, at the Hubbard Free Library in Hallowell, along with a performance by Associate Professor **Nancy Ogle** of *Wiemann's Accounting for Things Being as They Seem*, in a concert sponsored by the Maine Composers Forum.

Fried Tapped by Chicago Tribune

Amy Fried of the political science faculty spoke March 1 with a *Chicago Tribune* reporter for a story about the presidential primaries in Maine and several other states.

Brazee in Middle School Journal

An interview with Ed Brazee, professor of middle level education, is featured in the recent edition of *The Journal of The New England League of Middle Schools*. Brazee points out that middle schools are often criticized for research results shown to make a difference - results that high schools are beginning to embrace to make schools more responsive to older adolescents. "We need to be more aggressive in talking about what constitutes academically rigorous, developmentally responsive and socially equitable middle schools," he says in the interview.

CBC Interviews Bayer

Bob Bayer, director of The Lobster Institute, was interviewed this month by the Canadian Broadcasting Company for a story about a patent recently granted to UMaine for a seafood freezing process.

GLB STUDIES BEING EXPLORED

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

Faculty and staff interested in teaching topics courses related to GLB Studies are asked to contact Sandy Caron, one of six faculty members who submitted the proposal. To express interest in teaching a topics course or for more information, contact Caron by phone, 581-3138, or via FirstClass.

Emeriti Activities

Rick Barr of Farmington retired as Cooperative Extension educator emeritus in 1997 after a 30-year career. He continues to host a half-hour radio show on WKTJ-FM focusing on Extension programs, UMaine research and seasonal topics. Barr first appeared on the show, called the *Grapevine*, in 1968. The goal is to help people in the community make decisions, particularly as they pertain to agriculture, natural resources and nutrition. In addition, since his retirement he has begun a second radio program focusing on University of Maine at Farmington public programs during the academic year. He also writes a weekly Extension column for the *Franklin Journal*. For the past two years, Barr has served as executive secretary for the Maine Beef Producers Association.

Eugene Mawhinney of Orono, professor emeritus of political science, joined the faculty in 1959 and retired in 1990. He continues to teach Introduction to Law, a course he has led since 1982. He also continues to advise pre-law students, as he has since 1980. In all, he has advised almost 800 UMaine students who went on to law school. This spring, the first Eugene A. Mawhinney Award in Political Science will be presented to a graduating political science major with the highest grade point average.

James Hunter of Mapleton, associate professor emeritus of agricultural engineering, continues his work on agricultural structures and the environment of stored products. Since his years at UMaine, 1957-91, Hunter has studied the use of electronic speed controls for potato storage ventilating fans. The use of temperature sensors for electronic speed control has an effect on quality and energy use. Hunter has served as a consultant on potato storage and engineering, including cooperative work with the Maine Department of Agriculture, Food and Rural Resources.

John Pettit of Radford, Va., professor emeritus of speech communication, was a member of the UMaine faculty from 1969-95. He now is professor and chair of the Department of Communication Sciences and Disorders at Radford University. Pettit was elected a legislative councilor representing Virginia to the American Speech Language Hearing Association. At the last three Speech and Hearing Association of Virginia conferences, he has presented papers and organized workshops with colleagues on motor speech disorders and right hemisphere disorders. He served on the Long-Range Planning Committee for the Council of Graduate Programs in Communication Science and Disorders, and received the 1996 Honors of the Council award.

Classrooms *continued from page 1*

A committee chaired by Vice Provost for Undergraduate Education Doug Gelinis identified the four teaching spaces for renewal. On the committee were representatives from the faculty, Facilities Management, Information Technologies and Student Records, which oversees classroom scheduling.

"These are classrooms that particularly need some work," says Gelinis. "The committee looked at a number of spaces suggested as problematic. We decided to try and renovate a number of kinds of facilities, not just the biggest lecture halls. Of these first four, the least widely used is in Rogers, but because of its proximity to the Union, we know that it will get more use with an upgrade."

Classroom renovation is an area supported by all groups committee members talked with – from students to faculty and deans, Gelinis says. "When decisions were being made how best to use the (beverage alliance) money, classroom renovation was on everyone's list as something that will enhance students' education at UMaine. It is important for students to see a payback from the Coke money."

The beverage alliance between UMaine and Coca-Cola was announced in August. Under the agreement, Coca-Cola is the University's exclusive beverage provider, supplying the campus with soft drinks, sports drinks, juices and bottled water.

In December, UMaine President Peter Hoff announced his allocation plan for the limited-term supplemental funding. The allocation decision followed three months of campus discussion as to how best to use the "Coke funds." Under Hoff's plan, the two largest allotments are earmarked to address academic needs. More than \$1 million in the next decade will be dedicated to expanding the Fogler Library collection.

Nearly \$1.2 million – approximately \$130,000 annually – has been designated to renovate classrooms and teaching laboratories, and equip them with technology.

"We've discovered that serious attempts to modernize classrooms are not cheap," says Bob Duringer, vice president for Finance and Administration. "For instance, it cost \$24,000 for new seating in 100 Neville (to replace 99 seats installed when the building was constructed in 1976). But without the Coke money, none of this would be done. It will take more to keep campus modernized; this a great first step."

The renovation and technology upgrades include:

- ▼ 100 Neville – replace seating; improve lighting; repair ceiling (a ceiling-mounted projector is already installed)
- ▼ 110 Little – replace seating surfaces; improve lighting control; install ceiling-mounted projector; repair walls/ceiling
- ▼ 120 Little – remove asbestos pegboard and replace ceiling with acoustical tile; repair walls and ceiling; install ceiling-mounted projector; replace seating; improve lighting control
- ▼ 206 Rogers – repair floor, walls and ceiling; install white boards, new lighting, window blinds; replace seating

Across campus, there are eight seminar rooms, 83 classrooms and 14 lecture halls, with a total seating capacity of 5,885. The majority need technology upgrades, says Gelinis. Many need some refurbishing.

The classrooms in Neville and Little are high-use facilities. In an average semester, 100 Neville, with its 99 seats, is the location of 10 courses, plus extracurricular lectures and programs. The 110 and 120 Little Hall lecture rooms, which seat 100 and 200, respectively, each accommodate 15 classes in a typical semester.

Once renovated, the smaller Rogers Hall classroom and its 50 seats will become more heavily used by faculty who need access to technology in their classes, but not the auditorium accommodations available in Neville and Little halls.

Duringer says the renovations reflect a long-term approach to addressing comprehensively the facility needs of UMaine's students and faculty.

"This has to do more with capital renewal than deferred maintenance," says Duringer, adding that UMaine's maintenance staff has been able to extend the useful life of many campus teaching facilities well beyond their normal lifespans.

Duringer says the Coke funds will make a positive and noticeable difference in the quality of students' classroom experience, something students clearly recognized when they endorsed the proposal earlier in the academic semester. ▲

Pulp and Paper *continued from page 14*

University of Maine Foundation, with Adriaan vanHeiningen as the current professor. The Soderberg Center and pulp and paper pilot plant addition were built using funds from a bequest of Fred Soderberg. The others later made endowment gifts that continue to provide full tuition scholarships to students.

Current officers include several UMaine alumni. The Foundation is guided by 15 at-large directors and 13 committees. Foundation staff are Administrative Associate Faye Woodcock, Managing Director Stephanie Cross and Executive Director Stanley Marshall Jr.

Initially, the Foundation's emphasis was to encourage engineering students to extend their studies for a fifth year to learn more about pulp and papermaking methods. Students also were expected to take a half-dozen business-oriented classes to become managers of pulp and paper mills. The first class of scholarship recipients graduated with their Fifth Year Certificates in Pulp and Paper Management in 1952. Every one of the five graduates who made their careers in the paper industry became a senior industry manager.

They were followed by many more Fifth Year graduates through the early '70s. The job market was so intense that employers preferred to hire graduates after the traditional four-year program and allow them to continue their education, as required. The Fifth Year program, as well as the large number of alumni working in paper-related jobs throughout the U.S., earned UMaine a reputation as a national leader in pulp and paper education.

At the same time, the finance committee raised money for scholarships, it also committed to supporting an additional faculty position in the Department of Chemical Engineering, where pulp and paper courses are taught. Joseph Genco, Calder Professor of Chemical Engineering, holds the chair initiated by the Pulp and Paper Foundation's leaders in 1951. In 1956, additions were built on Aubert Hall, where the Chemical Engineering Department was located, to house a small working paper machine and related pulping and paper-testing equipment for both teaching and industrial service.

Thirty years later, the process was repeated. The Foundation took responsibility for relocating and modernizing the pulp and paper laboratories through a capital campaign that raised \$3.5 million. The paper machine was rebuilt and a wide range of new equipment installed in a Jenness Hall addition in 1986. A decade later, the pulp and paper pilot plant was expanded.

Currently, the Pulp and Paper Foundation provides financial support for five chemical engineering faculty members who are teachers and researchers with interests in paper industry-related topics. For 20 years, the Foundation also has sponsored the Chemical Engineering Distinguished Lecturer Series. ▲

Peeping in Ponds *continued from page 8*

three-year National Science Foundation Fellowship.

In her conservation biology research, Guerry is focusing on habitat loss and isolation. "A parking lot built over a wetland or removal of forest cover causes loss of habitat," she says. "And even when there is habitat remaining, the subdivision of it can cause populations to go extinct or experience less reproductive success as migrations between habitat patches become limited."

Guerry turned her attention to the effect of long-term deforesting on nine terrestrial amphibian species that migrate to ponds to breed. The agricultural landscapes of Aroostook County provided the highest concentration of adjacent forested and open areas.

In the last two summers she spent in the County, Guerry became an expert at learning frog calls, and recognizing egg masses, tadpoles and adult amphibians. She often could be found wading chest-deep through ponds.

"I got many different responses from people," says Guerry. "Some were curious why I would spend time chasing frogs. Some people had no idea what ecology is or why I would study it. Other people thought it fantastic that I could get a graduate degree doing this. Some said I was lucky to be acting like a kid, mucking around in ponds."

Guerry collected data on the effect of habitat loss and isolation on the species. She found that five species were less likely to be in ponds with little forest in the uplands. Also, two species – the blue-spotted salamander and spotted salamander – were even less likely to be in ponds that were too isolated or removed from forested areas. This suggests that attention to connections between wetlands and forests might mitigate the effects of forest loss for some species.

Guerry did not find critical thresholds of habitat loss or isolation that prevented the amphibians from living and reproducing. She did find newts living only in six ponds. But overall, Guerry found the amphibian species she studied to be more resilient than expected to agricultural land use.

"For instance, the spring peeper is a forest-associated species that calls from the trees," Guerry says. "But I also found them in all 116 ponds. They obviously are not affected by what I was looking at in terms of habitat loss or isolation. What is needed next is study of the effects on population. Although these species may be able to reach ponds with little forest surrounding them, they may not be surviving well or successfully reproducing."

In her research, Guerry also is building statistical models that predict what landscape and local variables determine habitation by each species. "This helps us recognize that we can have biodiversity in managed landscapes if we pay attention to the sorts of things – at both large and small scales – that are associated with occupancy," says Guerry.

That includes farmers who improve amphibian habitat quality by putting new ponds next to forests, while still meeting their needs for irrigation, a fire pond or animal water source, or by allowing natural vegetation to connect isolated ponds to nearby forests.

"It is important to keep in mind the larger perspective on humans and our place in the ecosystem," Guerry says. "It might be too much to ask farmers to cut down on their level of productivity in order to have frogs breeding in their ponds. But allowing other species like this to cohabitate with us can be done in a reasonable fashion. It is important in the context of preserving biodiversity and making sure ecosystems remain reasonably intact."

Guerry is expected to complete her master's degree in August. She plans to pursue a Ph.D. in her seemingly insatiable quest to understand the natural world and the effect of humans on it.

"I am interested in a number of different systems," she says. "Maybe I'll continue this work in the future, or perhaps turn to intertidal communities, plants or small mammals. It depends more on the next question (for which I must find the answer)."

From Hunter, her mentor, Guerry says she has learned how to stay intrigued by working in various systems, as well as how to "be excited about both the science and the natural history we're witnessing out there."

She adds that from Hunter, she also has learned the importance of striving for balance in an academic life.

"He does a good job of being a scientist and a person, too. I think it is important to do something intellectually exciting and feel like you're making a contribution," she says. "(In the coming years,) I hope that I will be teaching at a university, conducting research and continuing to be involved in real-world conservation." ▲

Diversity Conference *continued from page 1*

Development is charged with coordinating the conference. Dean Robert Cobb chairs the campuswide planning committee.

The conference is one way the University is emphasizing its intention to provide a clear, consistent voice and strong leadership in building understanding and encouraging change in the critical and highly complex area of racial and ethnic diversity, according to Cobb.

"As an institution and as a goal of the conference, we want to acknowledge the problems and recognize the opportunities," said Cobb. "We want to learn the reality of being a minority individual, family and consumer in Maine. And we want to scrutinize the educational, community and private sector changes that need to occur as the population shifts."

The conference, which is expected to attract K-12 educators, university-level faculty and students, community and municipal leaders, industry and business representatives, state and local policymakers, and representatives of social advocacy groups, has been developed according to six goals:

- ▼ Define the issues of race and ethnicity, and acknowledge the inherent problems and continuing challenges.
- ▼ Provide an overview of the current status of diversity (demographics, trends, forecasts) at the state, regional and national levels.
- ▼ Raise awareness of the presence and lack of racial and ethnic diversity in Maine and its implications.
- ▼ Consider the reality of being a minority individual, family and consumer in Maine.
- ▼ Probe the public and private sector changes that occur and need to take place as the population shifts or remains static.
- ▼ Develop and acquire personal, educational and economic tools to organize and encourage a cultural transition in a traditionally rural, white state.

The conference will begin at Wells Conference Center with a welcome from UMaine President Peter Hoff at 3:30 p.m., Thursday, April 6. Jeannine Guttman's keynote address will follow Hoff's remarks. Darlene Clark Hine's address is scheduled for 6:30 p.m., April 6. Clarence Glover will speak at noon, Friday, April 7. Other activities and sessions have been scheduled within three distinct strands – K-12 Education, Post-Secondary Education and Community/Workplace.

A complete schedule is available from the Department of Public Affairs. For conference and registration information, call 581-4092, e-mail adriane.ross@umit.maine.edu or visit www.ume.maine.edu/ced-conf/diversity.html ▲

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FACULTY

PROFESSIONAL

Information on Openings for Classified Positions

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).

For more information and a complete job description, contact Shannetta Mennenga, coordinator for Health Promotion and Student Services Education, 581-1397.

For more information, contact the VOICE, 581-1796.

Application/nomination forms also can be picked up and returned, together with a letter of nomination or endorsement, to the Center for Students and Community Life, Attn. Dwight Rideout, Dean of Students and Community Life, Third Floor, Union (581-1406).

Students, employees, alumni and others interested in the status of state legislative proposals affecting UMaine now have an on-line resource to keep them up-to-date. The Department of Public Affairs has a Website that details the legislative agenda of UMaine and the University System. The Website also provides links to a downloadable spreadsheet of other legislation related to higher education in general. Viewers also can download the text of any legislative proposal through links to the special Website. Other information, including names and addresses of all legislators, can be found at the Website: www.umaine.edu/leglink

The Wilson Center, an ecumenical protestant campus ministry, has a position open for administrative assistant, 30 hours per week, salary based on experience. Date for filling position – 4/1/00. Responsibilities: manage office, maintain electronic database (Access) and financial records (Quicken), use desktop publishing/scanner, organize information and prepare written reports, provide administrative support to chaplain and clerical support to Wilson Center committees. Knowledge of Win98/Office Pro 2000 and bulk mailing preferred. Call the Wilson Center, 866-4227, for a detailed position description. Send resume and references to: Personnel Committee, Wilson Center, 67 College Ave., Orono, ME 04473.

National Institute for Occupational Safety and Health invites applications for Exploratory/Developmental Grants to test innovative research ideas. Among the eligible topical areas are the Social and Economic Consequences of Workplace Illness and Injury, and the Structure and Functioning of Occupational Health

Services. Letters of intent are due April 14; proposals, May 15.

National Research Council's

program of Collaboration in Basic Science and Engineering enables U.S. researchers in all disciplines for which NSF support is normally available to host or visit colleagues in Central/Eastern Europe and the Newly Independent States for the purpose of initiating research projects and preparing collaborative research proposals for submission to NSF. Deadlines: April 24, Aug. 28.

National Institutes of Health make Academic Research Enhancement Awards to four-year colleges and universities that have not been major recipients of NIH funding. AREA support feasibility studies, pilot studies, and other small-scale, health-related research with up to \$100,000 in direct costs. Deadline: May 25.

National Science Foundation's Course, Curriculum, and Laboratory Improvement Program supports

undergraduate education in science, mathematics, and engineering disciplines. CCLI makes grants for the development (deadline June 6), adaptation and implementation (deadline June 5), and dissemination (preproposal deadline April 24) of exemplary educational materials and/or practices.

Council for the International Exchange of Scholars invites applications for 2001-2002 Fulbright Scholar awards for research and/or lecturing abroad. Opportunities are available in 130 countries for faculty in all disciplines, as well as for artists, journalists, and other professionals. Deadline: Aug. 1.

Harry Frank Guggenheim Foundation supports research to increase understanding of the causes, manifestations, and control of violence, aggression, and dominance, particularly in relation to social change, the socialization of children, intergroup conflict, drug trafficking and use, and family relationships. Studies in natural science, social science, and humanities disciplines are supported. Deadline: Aug. 1.

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

Campuswide Calendar

Send event schedules to the Master Calendar, Department of Public Affairs. The Web-based Master Calendar is located at www.calendar.umaine.edu

BIRD AND BIRD PROPOSALS DUE

Proposals are now being accepted for the 2000-01 Bird & Bird Faculty and Instructional Development Grants.

The Adelaide C. and Alan L. Bird Fund for the Improvement of Teaching Quality was established in 1971 to finance innovative projects in undergraduate teaching. Such projects should incorporate new instructional methods and/or technologies into the classroom to enhance teaching and learning.

The vice president for Academic Affairs and provost administers the fund, with the Faculty and Instructional Development Committee operating in an advisory capacity. Proposals are solicited for projects that produce direct and significant improvement in undergraduate teaching and learning. The 2000-01 grants will be awarded to individual and collaborating faculty members.

Amount: A pool of \$25,000 is available for grants for the 2000-01 academic year. All faculty and professionals at the University are eligible to request funding for proposals. In the past, most funded applications were in the \$3,000-\$5,000 range. However, proposals will be accepted for higher amounts. Ongoing expenses will NOT be considered for funding.

Applications may be received by contacting Carole Gardner, x1617, caroleg@maine.edu, or Carole Gardner on FirstClass.

Deadline for receipt of proposals is April 7.

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETINGS

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

Listed below are the meeting dates for the spring semester. Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting.

Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498. The information is also available at the ORSP Website, www.ume.maine.edu/~spd/index.html

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

IACUC Meeting Dates (submit protocols at least two weeks before meeting date): April 18, May 16.

What's Ahead



**PREVIEW NIGHT AT THE
BANGOR GARDEN SHOW
April 6**

**6TH ANNUAL CHILD
WELFARE CONFERENCE
April 7**

**FALL 2000 REGISTRATION
BEGINS
April 11**

**"THE STRATEGIC/
CAPITAL PLAN"
April 12**

**"RESISTING THE MARKET"
April 13**

The University of Maine
Maine Perspective
Department of Public Affairs
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Orono, Maine 04469-5761

