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## Maine Perspective, v 10, i 15

Department of Public Affairs, University of Maine

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## Black Bears NCAA Hockey Champions

*The UMaine Black Bears are the 1999 NCAA Division I hockey champions. The Bears won a heart-stopping 3-2 victory over New*

*Hampshire in the April 2 championship game. The game-winning goal was scored by senior forward Markus Gustafsson, cementing a victory that was keyed by the outstanding goaltending of junior Alfie Michaud. Maine (31-6-4) returned to the NCAA tournament for the first time since 1995, when it finished second to Boston University. Maine won the championship in 1993.*

## UMaine Launches Y2K Awareness Program

The University of Maine's Y2K Committee is taking steps to ensure that the institution is technologically prepared for the dawn of the new millennium.

"The worst disaster at the beginning of the year would be a power outage," says Les Shaw, who chairs UMaine's Y2K Committee, formed in December. "In the event this happens, we will turn to our priority list of buildings that must stay open in an emergency. At the System level, part of the contingency is to rent generators for the campuses to have on hand for the beginning of the year.

"We are also taking cues from the last full-scale emergency situation to hit campus - Ice Storm '98. We're using information from that storm to go back and double-check our Y2K contingency plans," says Shaw.

Just because the power is on one minute after midnight Jan. 1 doesn't mean things will be stable, says Shaw. "What we're hearing from the power company is there may be temporary sporadic outages for the first week. The first week in January will be the real test."

Shaw is the UMaine representative to the University of Maine System's Y2K Committee, which is working with a consulting firm to ensure that timelines are met and progress is being made on each campus to identify and resolve the most critical year 2000 issues. The Y2K committees of the System and the campuses are responsible for Y2K problems that may threaten life, such as inoperative fire alarms or the 911 emergency system, and that may jeopardize the institutions' missions, such as inability of students to register for classes, and disabled security systems and environmental controls.

On the System level, UNET had a Dec. 31, 1998 deadline to be Y2K compliant. It has met the deadline and is testing those programs now.

"At UMaine, we did an inventory in fall 1998 to identify what was on campus for technology. From that inventory list, we set the categories to be addressed," says Shaw, assistant director of

*continued on page 13*



Black Bear goalie Alfie Michaud was named the NCAA Championship Tournament's most valuable player, making 46 saves in the game against New Hampshire. Michaud, a junior majoring in education from Selkirk, Manitoba, led the nation in wins this year with 28.

*Photo by Monty Rand*

### According to UMaine Economist

## Lagging Productivity Taking the Wind Out of State's Economic Sails

Despite the current rosy economic picture in Maine, the state's economy is lagging behind that of New England and the rest of the United States, according to UMaine economist Jim Breece.

In the article "A Rising Tide Does Not Raise All Boats Equally: The Case of Labor Productivity in Maine" in the newest issue of *Maine Business Indicators*, Breece says that the current picture of

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### In Perspective

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

## Maine Businesses Donate to the William S. Cohen Center

The William S. Cohen Center for International Policy and Commerce at the University of Maine has received two \$100,000 donations from Maine businesses.

The donations from Bath Iron Works and Peoples Heritage Financial Group are the first major contributions to the Center's \$6.1 million fund-raising campaign.

"We are extremely grateful to both Bath Iron Works and Peoples Heritage for their generosity," says UMaine President Peter Hoff. "Their contributions will help build the Cohen Center as an educational, research and public service entity. Furthermore, their support will enhance the Center's intended role as an aggressive, resourceful and dynamic contributor to Maine's international policy and commerce strategies. We hope the significance of two leading Maine businesses taking the initiative in this campaign will encourage others to support this worthwhile venture."

The Cohen Center, named for the retired U.S. senator and current Secretary of Defense, was established in 1997. Its objectives are to enhance international business education through new and existing programs, to cultivate in-depth understanding of international business and global markets, to promote cultural understanding, and to serve as a national focal point for discussion and policy formulation on global competitiveness.

The Center is augmented by Fogler Library's Cohen Collection, the Senator's papers chronicling some of the most dramatic periods and events in recent American history.

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## Travel Management Plan to Cut Costs, Improve Service

Budget and Business Services is instituting a travel management plan for the University designed to contain costs for the institution and create better travel-related services for those traveling on UMaine business.

Beginning April 15, members of the University community traveling on business will book arrangements through one of four travel agencies now under contract with UMaine – the locally based Orono Travel and Hewins Travel, Ultramar Travel in North Carolina and Worldtek Travel in Connecticut. The four agencies were chosen from eight travel agencies that bid on the three-year UMaine travel contract.

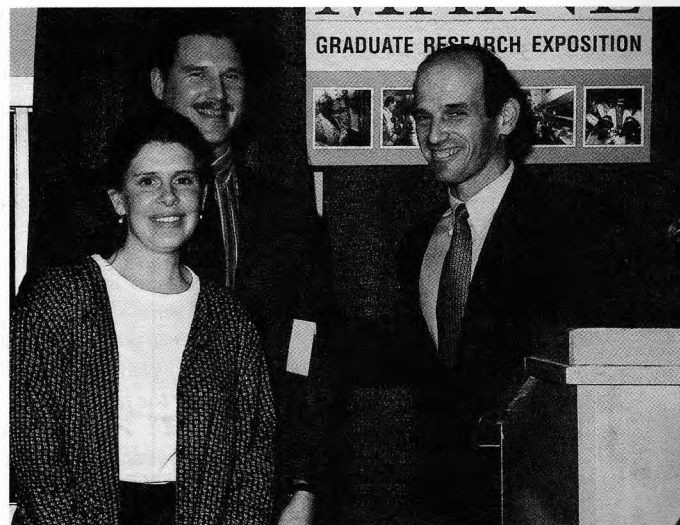
With the exclusive travel contracts, the four agencies will compete to offer low airline fares, and rental car and hotel rates, as well as quality service. In particular, all UMaine business travelers will not only have service fees waived, they will also have a limited ability to cancel even a non-refundable ticket when an innocent error has created a mistake in date, price or destination.

Automated billing will expedite administrative paperwork and save the related costs. UMaine travelers will be able to send a signed and authorized travel form to one of the four contracted travel agencies, which then will charge the University's standing order account. This summer, that standing order account will be replaced by the University's MasterCard credit card system.

Any associated frequent-flyer miles revert to the traveler, not the institution.

### MAINE PERSPECTIVE PUBLISHING SCHEDULE

The last issue of *Maine Perspective* this semester is April 23 (copy deadline April 9). Monthly summer editions begin May 14.



The first-ever University of Maine Graduate Research Symposium last month highlighted the quality and breadth of the scholarship being produced by UMaine's graduate students. Award winners in each of the four discipline areas: Most Original Scholarship, Biological Sciences - Dory Kistner; Most Creative Research & Presentation, Biological Sciences - Nikki Adams; Most Original Scholarship, Chemistry and Physics - Louise White; Most Creative Research & Presentation, Chemistry and Physics - Chris Miller; Most Original Scholarship, Physical Sciences, Math and Engineering - Russell Hazen; Most Creative Research & Presentation, Physical Sciences, Math and Engineering - Kari Kimball; Most Original Scholarship, Social Sciences and Humanities - Heather McInnis; Most Creative Research & Presentation, Social Sciences and Humanities - Emily Brandenberger. Among the dignitaries attending the Symposium were Rep. John Baldacci, right, pictured here with Association of Graduate Students President Charles Watson, congratulating award winner Heather McInnis.

*Photo by Nick Houtman*

"A lot of universities are trying to regain some control in today's crazy travel environment," says Bob Duringer, UMaine chief financial officer. "It's time to put the needs of our travelers and the University, rather than needs of a travel agency, first."

The new travel management system was established with the help of Campus Travel Management, based in Annapolis, Md. In the last two years, Campus Travel Management has helped establish similar programs at 20 campuses across the country,

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## MAINE Perspective

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THE UNIVERSITY OF  
**MAINE**

# MAINE Calendar

All events are free and open to the public unless otherwise 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: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings **MUST** be typewritten and should be sent well in advance of the publication date. For more information, call x3745.

APRIL 9 - 30

## 9 Friday

**Poetry Reading by Maine poet Ted Enslin**, offered by the English Department, noon, April 9, 105 Corbett Business Building.

**"Advancing the University: Preliminary Thoughts on Bringing Together the Areas within Advancement,"** by Susan Reardon, vice president for University Advancement, part of the PEAC Brown Bag Lunch Series, noon-1 p.m., April 9, Bodwell Area, Maine Center for the Arts. x2761.

**Jazz TGIF**, offered by the Union Board, 12:15 p.m., April 9, Damn Yankee.

**"The American Poetry Scene in the 1960s,"** an informal discussion led by Maine poet Ted Enslin, offered by the English Department, 3-5 p.m., April 9, Wicks Reading Room, Neville Hall.

**"Chemical Ecology of Great Barrier Reef Soft Corals: A New Conceptual Framework,"** by Paul Sammarco, Louisiana State University, part of the Biological Sciences Seminar Series, 3:10 p.m., April 9, 102 Murray Hall. x2974.

**Opening Reception for the Museum of Art's Student Art Juried Annual**, 5-9 p.m., April 9, Carnegie Hall. x3255.

## 10 Saturday

**Thursday Club Spring Luncheon**, featuring Sean Faircloth talking about the Children's Museum, noon, April 10, place TBA. 941-9727.

**"Native Americans' Into the Next Millennium: Indian Philosophies and Experiences,"** by Henrietta Mann, Cheyenne-Arapaho Nation, part of Native American Awareness Month, 3-4:30 p.m., April 10, Jenness Hall. x1417.

## 11 Sunday

**University of Maine Orchestra's Spring Concert**, part of the School of Performing Arts season, 2 p.m., April 11, Minsky Recital Hall. Admission fee. x1755.

### LANDSCAPE HORTICULTURE CLUB ANNUAL SEEDLING SALE

Friday, April 30, noon-4:30 p.m., Saturday, May 1, 10 a.m.-sell out  
Roger Clapp Greenhouses.  
Quantities are limited.  
Come early for best selection.

## 12 Monday

**Women of the World Spring Tea Party**, coordinated by the Office of International Programs, 10 a.m.-noon, April 12, 145 Stillwater Ave., Orono. Admission fee. x1509.

**"Building Local and Global Bridges of Understanding Through Children's International Summer Villages,"** by Katie Greenman, CISV-Maine, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., April 12, 109 Corbett Business Building. x2609.

**"How You See Me, How I See You,"** a panel discussion featuring students with disabilities, part of Disability Awareness Days, 12:15-1:15 p.m., April 12, Bodwell Area, Maine Center for the Arts. x2319.

**Movie: Thunderheart**, part of Native American Awareness Week, 6-8:30 p.m., April 12, 100 Neville Hall. x1417.

**Phi Kappa Phi Initiation Ceremony**, 7 p.m., April 12, Devino Auditorium, Corbett Business Building. x3217.

## 13 Tuesday

**President Hoff's Open Office Hour**, 10 a.m., April 13, Alumni Hall.

**"Small Stock Keeping in Your Backyard,"** by Robert Hawes, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon-1 p.m., April 13, Page Museum. x4100.

**Annual ROTC Spring Awards Ceremony**, 6 p.m., April 13, 101 Neville Hall. Reception follows. x1121.

**Movie: Dance Me Outside**, part of Native American Awareness Week, 6-8:30 p.m., April 13, 100 Neville Hall. x1417.

**University Bookstore's Third Annual National Poetry Month Reading**, including readings by winners of the Middle School Poetry Contest and members of the University community, 7 p.m., April 13, Bookstore. x1700.

**University of Maine Symphonic Band and Concert Band in Concert**, part of the School of Performing Arts season, 7:30 p.m., April 13, Minsky Recital Hall. Admission fee. x1755.

**Coffee House with the Wood's Tea Company**, offered by the Union Board, 8 p.m., April 13, Peabody Lounge, Union. x1734.

## 14 Wednesday

**Hudson Museum Tour**, part of Native American Awareness Month, 10 a.m., April 14, Maine Center for the Arts. x1417.

**Access, Intro**, an IT Windows Workshop, 10 a.m.-noon, April 14, Dunn Hall Lab. Admission fee. x1638.

**"The Power of Feminist Theory: Domination, Resistance, Solidarity,"** by Amy Allen, visiting assistant professor of philosophy, Dartmouth College, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., April 14, 109 Corbett Business Building. x1228.

**College of Natural Sciences, Forestry, and Agriculture Annual Scholarship Recognition Banquet**, 6:30 p.m., April 14, Wells Conference Center.

## 15 Thursday

**"How to Make Love Better,"** by Sandy Caron and John Hale, co-directors of the Human Sexuality Clinic, Orono, part of the EAP Brown Bag Luncheon Series, noon-1 p.m., April 15, Bodwell Area, Maine Center for the Arts. x4014.

**"Contemporary Native Issues,"** presented by Francis Steindorf, HoChunk Nation, part of Native American Awareness Week, 1 p.m., April 15, 140 Little Hall. x1417.

**School of Engineering Technology Annual Award Ceremony**, 2 p.m., April 15, Soderberg Center, Jenness Hall.

**Open House Celebration Honoring Sandy Ives**, to congratulate him on his retirement after 44 years, 5-8 p.m., April 15, Bodwell Area, Maine Center for the Arts. x1954.

**"Two Careers: Making Art and a Living,"** a slide presentation by sculptor Martha Dunigan, professor of art, North Carolina School of the Arts, Winston-Salem, offered by the Department of Art, 7 p.m., April 15, 206 Rogers Hall. x3250.

**Faces of Women**, part of the International Film Festival, offered by International Programs, 7 p.m., April 15, 100 Neville Hall. x2905.

**An Act of Conscience**, part of the Peace and Justice Film Series, offered by MPAC, 7 p.m., April 15, Devino Auditorium, Corbett Business Building. x3860.

**Thursday Night at the Bear's Den with Hit Me**, offered by OCB, 9 p.m., April 15, Union. x1840.

## 16 Friday

**"Reflections on Native Studies: Theory, Pedagogy and Curriculum,"** by Leroy LittleBear, Blackfoot Nation, part of Native American Awareness Month, 1-2:30 p.m., April 16, 106 Murray Hall. x1417.

**"Homologies of Process: Reintegrating Evolutionary and Developmental Biology,"** by Scott Gilbert, Swarthmore College, part of the Biological Sciences Seminar Series, 3:10 p.m., April 16, 102 Murray Hall. x2543.

**"Ethnic Survival in North America: The Penobscot and Iroquois,"** by Dean Snow, professor and chair, Department of Anthropology, Penn

State University, offered by the Hudson Museum, 3:30 p.m., April 16, Maine Center for the Arts. x1901.

**Latino Heritage Celebration**, 6 p.m., April 16, Wells Conference Center. x1405.

**Ani DiFranco in Concert**, part of the Beautiful Project, 8-11 p.m., April 16, Hutchins Concert Hall, Maine Center for the Arts. Admission fee. x1755.

## 17 Saturday

**"Strong Is Beautiful: Body Image and Eating Disorders in Women Athletes,"** a panel discussion with clinical social worker Maria Baeza, Andrea Clark and UMaine women athletes, part of the Beautiful Project, 11 a.m.-noon, April 17, 117 Corbett Business Building. x1508.

**"Politics of Appearance,"** by Wendy Chapkis, professor of sociology and author of *Beauty Secrets: Women and the Politics of Appearance*, part of the Beautiful Project, 11 a.m.-noon, April 17, 109 Corbett Business Building. x1508.

**Beautiful**, a student documentary, introduced by its director and producer Mark Dehmlow, part of the Beautiful Project, noon-1 p.m., April 17, Devino Auditorium, Corbett Business Building. x1508.

**Poetry Reading**, part of the Beautiful Project, noon-1 p.m., April 17, 109 Corbett Business Building. x1508.

**"A Subject Close to Our Hearts: Women, Body Image and Breast Cancer,"** a panel and slide presentation with Rhea Cote Robbins, Randa Shirland and Gretchen Ziemer Greenberg, part of the Beautiful Project, 12:30-2 p.m., April 17, 105 Corbett Business Building. x1508.

**"Taking Up Space: Women and Muscle,"** discussion and slide presentation by Laurie Hicks, part of the Beautiful Project, 12:30-2 p.m., April 17, 117 Corbett Business Building. x1508.

**Authentic Movement Workshop**, led by Kris Sader, part of the Beautiful Project, 1-2:30 p.m., April 17, Dance Studio, Class of '44 Hall. x1508.

**"Women and the Outdoors,"** by Registered Maine Guide Jo Eaton of Penobscot Riverkeepers, part of the Beautiful Project, 1-2 p.m., April 17, 107 Corbett Business Building. x1508.

**"Fat Liberation,"** by feminist activist Joanne Dauphinee, part of the Beautiful Project, 2-3 p.m., April 17, 109 Corbett Business Building. x1508.

**"What's All the Buzz About? Innovations and Intimacy for Women's Sexuality,"** by Boston-based sex educator Kim Airs, part of the Beautiful Project, 2-4 p.m., April 17, Devino Auditorium, Corbett Business Building. x1508.

**Yoga Workshop** led by certified hatha yoga teacher Peg Shannon, part of the Beautiful Project, 2:30-4 p.m., April 17, Dance Studio, Class of '44 Hall. x1508.

**"Women and Aging,"** with clinical social worker Maria Baeza, part of the Beautiful Project, 3-4 p.m., April 17, 117 Corbett Business Building. x1508.

**"Mother and Daughter Body Image,"** an open discussion, part of the Beautiful Project, 3-4 p.m., April 17, 105 Corbett Business Building. x1508.

**"The Wonderful Diversity of Black Hair,"** by Shontay Delaloe, part of the Beautiful Project, 4-5 p.m., April 17, 113 Corbett Business Building. x1508.

**"Women and Their Tattoos,"** by Chris Whittington and other panelists, part of the Beautiful Project, 4-5:30 p.m., April 17, 115 Corbett Business Building. x1508.

**"Darth Jennings Live!"** a performance by singer/songwriter Darth, part of the Beautiful Project, 4:30-6 p.m., April 17, Devino Auditorium, Corbett Business Building. x1508.

**"Take It Off!"** by Boston-based sex educator Kim Airs, part of the Beautiful Project, 5-7 p.m., April 17, Dance Studio, Class of '44 Hall. x1508.

## Ongoing Events

### Campuswide Events

**Native American Awareness Month**, April.

**Disability Awareness Days**, April 12-13.

**Latino Heritage Week**, April 12-16.

**The Beautiful Project**, April 16-17.

**Pride Week**, April 17-24.

### Entertainment

**subUrbia**, directed by Gary Brown, part of the Maine Masque season, 7:30 p.m., April 9-10; 2 p.m., April 10-11, Hauck Auditorium. Admission fee. x1755.

**University of Maine Opera Workshop - Spring**, part of the School of Performing Arts season, 7:30 p.m., April 16-17, Minsky Recital Hall. Admission fee. x1755.

**Spring Dance - The Annual Dance Concert**, part of the School of Performing Arts season, 7:30 p.m., April 23-24, Hauck Auditorium. Admission fee. x1755.

### Exhibits/Demonstrations/Tours

**Student Art Juried Annual**, a Museum of Art exhibition, April 9-30, Carnegie Hall. x3255.

**Summer 200: A Portrait of a Small Maine Town**, a Hudson Museum exhibit, through May 16, Maine Center for the Arts. x1901.

**Woodland Tribes of the Northeast: Jud Hartmann Bronzes**, a Hudson Museum exhibit, through May 16, Maine Center for the Arts. x1901.

**Maine Forest and Logging Museum - Leonard's Mills** open daily 10 a.m.-dark, Bradley. x2871.

**University of Maine Museum of Art** open Monday-Saturday, 9 a.m.-4:30 p.m. x3255.

**Page Farm and Home Museum** open Tuesday-Saturday, 9 a.m.-4 p.m. x4100.

**Hudson Museum** open Tuesday-Friday, 9 a.m.-4 p.m.; Saturday-Sunday, 11 a.m.-4 p.m. x1901.

### Meetings of Groups/Organizations

**Newman Center**, 10 a.m. and 6:15 p.m. Sundays, and 4:45 p.m. Tuesdays and Wednesdays, 83 College Ave. 866-2155.

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

**Circle K Club** meets every Monday, 6:30 p.m., Bangor Lounge, Union. x3909.

**Commuter/Nontraditional Student Coffee Hour**, 1:30-2:30 p.m., every Tuesday; 9-10 a.m., every Friday, Nutter Lounge, Union. x1734.

**Maine Peace Action Committee** meets every Sunday, 7 p.m., Maples. x3860.

**Acoustic Jam**, 7 p.m., every Thursday, Memorial Room, Union. x1734.

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

**International Coffee Hour**, 4 p.m., every Friday, Peabody Lounge, Union.

### Special Notes

**Farmers' Market**, 10 a.m.-1 p.m., every Saturday, Page Farm and Home Museum.

**Jordan Observatory** open any clear Friday or Saturday night. x1348.



# 18 Sunday

**Collegiate Chorale Spring Concert**, part of the School of Performing Arts season, 2 p.m., April 18, Minsky Recital Hall. Admission fee. x1755.

# 19 Monday

**University of Maine Open House**, April 19, Maine Center for the Arts. x1558.

**"Inspirational Values of the Maine Forest,"** by Will LaPage, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., April 19, 109 Corbett Business Building. x2609.

# 20 Tuesday

**Hudson Museum Tour**, part of Native American Awareness Month, 11 a.m., April 20, Maine Center for the Arts. x1417.

**University of Maine Percussion Ensemble Spring Concert**, part of the School of Performing Arts season, 7:30 p.m., April 20, Minsky Recital Hall. Admission fee. x1755.

# 21 Wednesday

**Access, Queries**, an IT Windows Workshop, 10 a.m.-noon, April 21, Dunn Hall Lab. Admission fee. x1638.

**"Outstanding Women: Assertiveness Through Religion in the Sikh Diaspora,"** by Stacy Brady and Cynthia Mahmood, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., April 21, 109 Corbett Business Building. x1228.

**Movie: Powwow Highway**, part of Native American Awareness Month, 6-8:30 p.m., April 21, 100 Neville Hall. x1417.

**"Aristotle Contemplating the Dying Duke: Aristotle's Account of Courage and John Wayne's Last Film, *The Shootist*,"** by Peter French, Cole Chair in Ethics and professor of philosophy, Director of the Ethics Center, University of South Florida, a Marshall Dodge Memorial Lecture in Philosophy, 7 p.m., April 21, Soderberg Center, Jenness Hall. x3866.

# 22 Thursday

**Puppet Show and Workshop**, a Hudson Museum Just for Kids program, 10 a.m., April 22, Maine Center for the Arts. Admission fee. x1901.

**BearWorks Discussion**, featuring an update on the Office of Instructional Development - goals, strategies and the future by Doug Gelinas and John Alexander, and an update on increasing the number of tenure-track minority and women faculty across the disciplines by John Alexander, 3 p.m., April 22, Woolley Room, DTAV. Open to all members of the University community.

**Going Green and Paper Colony**, part of the Peace and Justice Film Series, offered by MPAC, 7 p.m., April 22, Devino Auditorium, Corbett Business Building. x3860.

**The Effects of Gamma Rays on Man-in-the-Moon Marigolds**, a play presented by Theatre Arts Works: A Division of Training and Development Corporation, offered by the Center for Students and Community Life, 7 p.m., April 22, Maine Center for the Arts. x1397.

**University of Maine Jazz Ensemble Spring Concert**, part of the School of Performing Arts season, 7:30 p.m., April 22, Minsky Recital Hall. Admission fee. x1755.

# 23 Friday

**Basketmaking Presentation and Demonstration**, by Theresa Hoffman and Pam Cunningham, Penobscot Nation, part of Native American Awareness Month, 9 a.m.-noon,

April 23, Bodwell Area, Maine Center for the Arts. x1417.

**Jazz TGIF with the UMaine Jazz Ensemble**, offered by the Union Board, 12:15 p.m., April 23, Damn Yankee. x4194.

**"The Effects of Low Oxygen on the Cellular Defenses of Marine Organisms,"** by Lou Burnett, Grice Marine Laboratory, College of Charleston, part of the Biological Sciences Seminar Series, 3:10 p.m., April 23, 102 Murray Hall. x2562.

# 24 Saturday

**An Evening of Classical Guitar with Monica Mugan**, part of the School of Performing Arts season, 7:30 p.m., April 24, Minsky Recital Hall. Admission fee. x1755.

# 26 Monday

**"Gaviotas: A Village to Reinvent the World,"** a conversation with journalist and author Alan Weisman, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., April 26, Devino Auditorium, Corbett Business Building. x2609.

**"Contemporary Maine Native Issues from Legislative and Legal Views,"** a panel discussion, part of Native American Awareness Month, 2 p.m., April 26, 110 Little Hall. x1417.

**Lecture and Slide Presentation by Journalist and Author Alan Weisman**, offered by Peace Studies, 7:30 p.m., April 26, Minsky Recital Hall. x2609.

# 27 Tuesday

**"Wisdom, Renewal, and Respect: Strategies for Mentoring Senior Faculty,"** a panel discussion for deans, chairs and directors, offered by Instructional Development, noon-1:30 p.m., April 27, Palmer Lounge. x2486.

**"Sexual Harassment by Electronic Communication: A New Challenge for Feminism,"** with Nancy Lewis, Rebecca Salisbury, John Sherblom and Eva Curry, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., April 27, 109 Corbett Business Building. x1228.

**"Nunavut/Our Land: Inuit Self-Government in Canada,"** a lecture/slide show by Genevieve LeMoine, curator of the Peary-

MacMillan Arctic Museum and Arctic Studies Center, Bowdoin College, offered by the Hudson Museum, 12:10 p.m., April 27, Bodwell Area, Maine Center for the Arts. x1901.

**Retirement Reception for Nancy Dysart**, 3:30-6:30 p.m., April 27, Wells Conference Center.

**Annual Phi Beta Kappa Initiation Ceremony**, featuring a lecture by U.S. Equal Employment Opportunity Commissioner Paul Miller, "The Disability Civil Rights Movement: From the Jerry Lewis Telethon to Casey Martin," 4 p.m., April 27, Bodwell Area, Maine Center for the Arts.

**University Singers and Oratorio Society in Concert**, part of the School of Performing Arts season, 7:30 p.m., April 27, Hutchins Concert Hall. Admission fee. x1755.

**Coffee House with Michael Galezian**, offered by the Union Board, 8 p.m., April 27, Peabody Lounge, Union. x1734.

# 28 Wednesday

**Maine Day**, April 28.

**Access, Reports**, an IT Windows Workshop, 10 a.m.-noon, April 28, Dunn Hall Lab. Admission fee. x1638.

**Faculty Senate meeting**, 3:15 p.m., April 28, Dexter Lounge, Alfred Sports Arena. x1167.

**"Language Dysfunction in Dementia of the Alzheimer Type (DAT),"** by Bruce Friedburg, clinical neuropsychologist, Bangor Mental Health Institute, part of the Communication Sciences and Disorders Colloquium Series, 5-6:15 p.m., April 28, 100 Neville Hall. x2003.

# 29 Thursday

**Honors Convocation**, 3:30 p.m., April 29, Hauck Auditorium.

**Movie: *Smoke Signals***, part of Native American Awareness Month, 6-8:30 p.m., April 29, 101 Neville Hall. x1417.

**"A Little Magic,"** performed by the Famous People Players, part of the Maine Center for the Arts performance season, 7 p.m., April 29, Hutchins Concert Hall. Admission fee. x1755.

# 30 Friday

**Classes End**, April 30.

## SUMMER SESSION 1999 CATALOG CORRECTION

The Summer Session Residence Hall Application for 1999 as published in the "MAINE SUMMER" Summer Session 1999 Catalog is incorrect.

The one-person room rate is \$135 per week.

Summer session residents will be housed in Estabrooke Hall, and reception desk hours will be included in a confirmation letter.

To receive the corrected summer session housing application, contact Campus Living, 581-4580, or visit our office at 103 Hilltop Commons. Office hours: 8 a.m.-4:30 p.m., Monday-Friday.

## People in Perspective

Ray Walters will breathe a little easier once the first week in January 2000 has come and gone.

Walters is UMaine's Y2K analyst. Working with the University's Y2K Committee, he and other information technology specialists are scrambling for the next nine months to ensure that UMaine is prepared for the dawn of the new millennium by being Y2K compliant at its most critical levels – those involving health and safety, and the mission of the institution.

"In recent years, we've seen people who are really panicked about Y2K and think it will be terrible, and others who are too nonchalant. The reality falls somewhere in-between," says Walters, who joined the University community last month. "Because of publicity, the most important segments of the larger community, like government offices, utilities, fire and safety units, have worked on this and are ready.

"Because we rely on machines throughout our daily lives, it is important that they do the right thing. It's possible that things can go wrong and we don't want that to happen. We want machines to know it's the year 2000, not 1900."

Walters began the first 20 years of his career working in a chemical laboratory in a Philadelphia steel plant. He then moved into computer programming, specializing in assembly language in the 1970s. His first programming jobs were on mainframe computers typing in code.

Working for Honeywell Inc. and other companies, Walters was involved with computer programming and industrial process control systems. He developed a database entry system that became a product sold by Honeywell and used in its companies around the world. Prior to retiring in 1997, he was doing computer systems building, including databases and graphics, for installed construction

instrumentation.

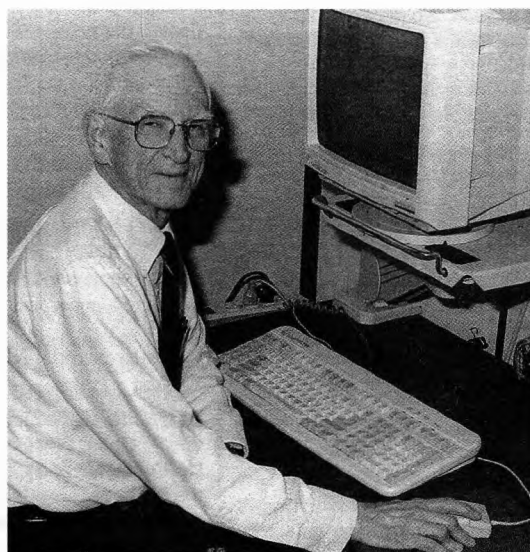
When he retired from his job in Pensacola, Walters and his wife moved to Bar Harbor. Acadia National Park has been a favorite vacation destination for the Walters for the past two decades.

Since 1997, Walters has been called out of retirement by his last employer to oversee short-range computer projects. The first project involved a continuation of his industrial process control work. The second involved managing a Y2K compliance project in a pharmaceutical plant in South Carolina. That compliance project last fall involved taking inventory of the plant's technology, assessing Y2K compliance and establishing a remediation plan.

"The work was done early enough so that capital outlays could be made, if needed," says Walters. "We found that major equipment used for automating a process was up to date, but the company purchased individual desktop PCs to replace rather than upgrade those that were too old."

When Walters joined the University community, he said he found "a lot of work has already gone on" to prepare the institution for Y2K compliance. He will continue that focus, concentrating on those technological systems that impact health and safety, and UMaine's mission. The compliance countdown to the year 2000 also involves contingency plans.

"If all goes the way we plan, there won't be any major problems Jan. 1. For instance, if there is a problem with a utility, it will be solved fairly quickly. By the end of the first week in January, everything should be pretty well set. But that doesn't mean we can relax now. There has to be due diligence throughout



Ray Walters

the rest of the year to make that first week in January a pleasant experience."

Walters and the Y2K Committee do not have primary responsibility for ensuring Y2K compliance at the department or desktop levels of the University community.

"One of my reasons for being here is to implement the awareness effort and be available to answer people's questions, and suggest or recommend solutions. For most people, Y2K is a potential problem," Walters says. "You have to determine by consulting with equipment and software manufacturers whether the particular version you're using is compliant and if not, whether the manufacturer has a remedy. Manufacturers' Internet sites are usually the place to start.

"Universities can't lay out a lot of money for upgrades or new versions of technology, yet it's critical that Y2K compliance be dealt with. Students also need to be aware of the Y2K problem. The key is in raising awareness and offering ways to deal with any problems."

### GRANT FROM THE KINGS HELPS BLAZE A TRAIL TO MAINE'S FINEST ART

The Stephen and Tabitha King Foundation has awarded a \$60,000 grant to the Maine Art Museum Trail, an innovative collaborative involving the state's seven major art museums, including the University of Maine Museum of Art.

The landmark project is designed to encourage public interest in cultural heritage and to stimulate visual literacy in the arts by promoting access to Maine's art museums.

Also involved are art museums at Bates, Bowdoin and Colby Colleges, the Farnsworth Art Museum in Rockland, Ogunquit

Museum of American Art and Portland Museum of Art.

The seven museums have a total of 53,000 works of art and attract more than 380,000 visitors annually.

In the Maine Art Museum Trail partnership, the state's art museums have created a comprehensive public relations and marketing effort to make the wealth of Maine's art museums accessible to a wide range of visitors. Included in the promotion is a guide and map of the art museums.

# Center Stage

## School of Performing Arts

### Percussion in Spring

The spring concert of the Percussion Ensemble April 20 will be the last before some members of the group and its conductor, Stuart Marrs, jet off to Cuba for a music festival. (See related story page 8.)

The Ensemble's spring concert focuses on the melodic side of percussion — keyboard mallet instruments. A variety of percussion instruments have notes arranged in the same pattern as the piano. What they all have in common is that they are all struck with mallets of some sort rather than played on a keyboard as with the piano, organ or electronic keyboard. However, the bars of each distinct percussion instrument are made of different materials and have different sizes and shapes. Commonly used, and to be part of the April 20 concert at 7:30 p.m., Minsky Recital Hall, are marimba, xylophone, bells, vibraphone and chimes.

The program includes *Rhythm Song* by Paul Smadbeck, the traditional Mexican work *Un Misterio, Quinteto para Marimbas* by Marvin Araya, *Adagio* by Samuel Barber, and *Concerto for Marimba and Percussion Ensemble* by Ney Rosauro. *Breakfast Breakdown* by Red Norvo will feature Marrs on xylophone.

### The Soul of the Solo

Some of UMaine's most talented jazz artists will be featured in solos in a concert of the Jazz Ensemble and Jazz Combo in Minsky Recital Hall Thursday, April 22, at 7:30 pm.

Mike Tomaro's original, *Altered States*, will feature solos by trumpeter Luke Bouchard and Mike Scarpone on the tenor saxophone. *Better Git Hit In Your Soul*, arranged by Charles Mingus, will feature solos from Christina Lamare on trumpet, Chris Strange on alto sax, Tim Hart on tenor sax, and Darryl Blease on drums. *Blue Birdland*, recorded by Maynard Ferguson, features solos by Jessica LePage on piano, Bronya Hamel on Harmon-muted trumpet, Marc Heskett on alto sax, Dan Labonte on trombone, and Scarpone on tenor sax.

*Clockwork* features solo work from LePage, Hamel, Strange and Trevor Marcho, on trombone. Frank Mantooth's original hard rock composition, *Dangerous Precedent*, features solos from guitarist Tom Painter, and Bryan Cook and Scarpone, tenor sax. Bryan Kidd's *Day Shift*, written in an updated 1940s style, will include solos from Blease, Hart and Lamare.

*Donna Lee* by Charlie Parker features the saxophone section and solos by Painter, Scarpone, Strange and Labonte.

Cootie Williams' trumpet solo in Duke Ellington's *Harlem Air Shaft* will be recreated by Bouchard, and Barney Bigard's clarinet solo will be performed by LePage. Lester Young's *Lester Leaps In* features solos from Marcho and Scarpone.

Matt Harris' original, *Hands Off*, is a gospel rock chart featuring an appearance on saxophone by Karel Lidral, director of both the Jazz Ensemble and Jazz Combo.



State legislators heard the many musical talents of the University of Maine Jazz Ensemble in Augusta, March 24, when the group opened the daily session of the State House. The 18-member ensemble, directed by associate professor of music Karel Lidral, performed in the Rotunda 45 minutes before heading down to the House Gallery. The students then played a version of the *Star Spangled Banner* for the House of Representatives.

Photo by Kathryn Rice

### Bands Take Hutchins Stage

The Symphonic and the Concert Bands will perform in Hutchins Concert Hall, Maine Center for the Arts, Tuesday, April 13, 7:30 p.m.

The Concert Band, conducted by Christopher White, director of sports bands, will open the program with selections of band music, including *Fanfare and Salutation* by Roger Cichy, *Blues for a Killed Cat* by Jack End, and *Simple Song* by Andrew Boyson Jr.

The Symphonic Band will perform a program of band literature selected from the last half-century. Conducting is Director of Bands Curvin

Farnham. The program will include *George Washington Bridge* by William Schuman, *Blue Shades* by Frank Ticheli, and R.B. Hall's *Greetings To Bangor* march.

Anatole Wiecek, who directs the University of Maine Orchestra, will guest conduct the Symphonic band in Wagner's *Huldigungsmarsch*.

### Two Evenings of Opera Scenes

The UMaine Opera Workshop will present scenes from a wide variety of operas Friday and Saturday, April 16-17.

The performances at 7:30 p.m., Minsky Recital Hall, will include Gounod's *Faust*, Mozart's *Così fan tutte*, Offenbach's *The Tales of Hoffmann*, Humperdinck's *Hansel and Gretel*, Richard Strauss' *Ariadne auf Naxos*, and Menotti's *The Old Maid and the Thief*.

Opera Workshop is directed by Nancy Ogle, Francis Vogt and Luke Hedger; accompaniment is by Alison Moore.

### Chorale Concert

The Collegiate Chorale will be performing contemporary choral selections in its spring concert at 2 p.m., Sunday, April 18, Minsky Recital Hall.

The works include a set of songs, *Four Pastorales*, written by Cecil Effinger for choir and oboe solo, featuring oboist and English bassoonist of the Bangor Symphony Orchestra, Louis Hall. The concert also will include a performance of the opera chorus "Va Pensiero" from *Nabucco* by Verdi.

Accompanist is Alison Moore. Directing the Chorale is Shannon Chase, a graduate student in choral conducting.

### Dancing Into Spring

Student and faculty works will be featured in the Annual Spring Dance Concert, 7:30 p.m., April 23-24, Hauck Auditorium. Faculty choreographing include Kelly Holyoke, jazz and ballet; Cid Dyjak, modern; Janet Warner-Ashley, modern ballet; and Ann Ross, modern. Highlights include a performance by members of the Swing Dance Club. Other artists include Kimberly Pietz performing an upbeat jazz solo, *Summer of '69*, that won her acclaim in national competitions.





Veronica Barry, 1979

## Remembering the Woman Who Changed Lives

Veronica Barry was a fighter. And she didn't believe in limits, especially those imposed unjustly on others.

Her University of Maine classmate Ian Rowlandson never forgot her.

"She was very much into life," says

Rowlandson, vice president for Cardiology Information Systems at Marquette/General Electric Medical Systems. "She loved music and literature, and was a believer in education.

Veronica had a great sense of humor and an insightful, decisive mind. She had an intensity that broke barriers and allowed

her to reach people quickly.

"The thing about Veronica is she was able to touch people in such a way as to let them know that they were special. She let them know they had a right to grow and to be in the world. She was not a sweet person but a real person."

Rowlandson recently donated \$50,000 to the N. Veronica Barry Memorial Scholarship Fund in honor of the woman who changed his life. The fund, established in 1992, annually provides direct assistance to one or two UMaine students with disabilities, making possible the purchase of such equipment as hearing aids and specialized computer software to help reduce barriers to academic achievement. Rowlandson's gift will enable an additional four students to receive the scholarship each year.

Barry had polio as a child. Her legs were braced to allow her to walk with crutches. "Her father rehabilitated her and forced her to get on with life," Rowlandson remembers from his discussions with Barry. "She could have ended up staying at home. Instead, her conviction was to live life to the fullest. She took chances. She was physically handicapped but that was never in my way of looking at her."

Rowlandson, from Glens Falls, N.Y., enrolled at UMaine in 1971 to major in engineering physics. "Classes were small and everybody pretty much lived on campus," says Rowlandson. "There definitely was a campus feeling – a feeling that you were not just commuting to an impersonal business but, rather, that you were part of an educational community. The University gave me a great education. In addition to great physics faculty, Fred Irons was one of the highlights – an exceptional teacher. The Math Department also was very good."

It was at UMaine that Rowlandson pursued his interest in software development, even when most of the early computer technology still involved card punching. "I remember making a hologram and seeing magnetic resonance for the first time. That was the thing about UMaine. There were so many talented professors directly showing you those things," he says.

"It is an outstanding university. My professional success is due in large part to the University of Maine."

In 1974, Rowlandson spent the summer on campus as a National Science Foundation trainee. He enrolled in a popular psychology course and became friends with Barry.

"I continued to see Veronica after the class ended. After I graduated from the University of Maine, we remained friends and kept in touch, but I never saw her again."

At the time Rowlandson left Maine, Barry was working as a high school guidance counselor. She then served as coordinator of UMaine's Office of Services for Students with Disabilities from 1979 until her death from cancer in 1985.

Following his degree from UMaine, Rowlandson earned a master's degree in bioengineering from the University of Utah.

In 1979, he joined what was then Marquette Electronics, a 200-employee company specializing in electrocardiography that had \$12 million in annual sales. By the time General Electric purchased the company last November, Marquette Electronics had become world renowned, employing approximately 3,000 people and tallying over \$580 million in annual sales.

In making the donation in Barry's memory, Rowlandson says it was his way of helping the fund remain alive – a fund that affects the lives of people in the same way its namesake did.

"She was one of the most significant people I've ever met," Rowlandson says. ▲

## UMaine Percussion Ensemble to Perform in Cuba



Headed to Cuba for the PERCUBA festival are, left to right, Kevin Mania, Michael Hart, Darryl Blease, Bryan Cook and Ensemble director Stuart Marrs.

Photo by Peter Cook

Stuart Marrs and some members of the Percussion Ensemble will perform at the 10th Annual PERCUBA festival in Havana this month.

Marrs, associate professor of music and percussion

studies, will take four undergraduates and one alumnus to the week-long festival of concerts, colloquia, contests and workshops April 13-17. Festival attendees will include 400 Cuban members and 40 guest members from 22 countries.

Joining Marrs will be percussion majors Bryan Cook, Michael Hart, Darryl Blease and Kevin Mania, and Christopher Andrews, now a grad student at the University of Minnesota.

"This festival is an intense, exciting event that is international in scope," says Marrs. "These students will get to spend a week mixing with percussionists that are the source of Latin percussion. They will be meeting the best performers in that field."

The ensemble will be performing *Uneven Souls* by Nebojsa Jovan Zikovic for solo marimba, three percussionists and men's voices, as part of a 50-minute concert. Marrs recently performed the piece with the Bangor Symphony Orchestra. Marrs will also deliver a paper, "La Percusión en Costa Rica 1972-82," of which an English translation is forthcoming in *Percussive Notes*, the journal of the Percussive Arts Society. The paper chronicles his experiences teaching music in Costa Rica.

Marrs says although the students will learn much from the workshops and activities related to the festival, exposing them to the Cuban musical culture will be education enough.

"The immersion into another culture makes a tremendous difference in learning about their music," says Marrs, whose professional experience spans nearly 30 years and three continents. "In Cuba, music is very important."

Percussion Ensemble members have performed a variety of world music genres and were invited to play at the Percussive Arts Society International Convention in Ohio, where their performance of *Uneven Souls* was heralded the best of the conference. ▲

# Cooperative Extension Support Staff Form Group

The 50 members of University of Maine Cooperative Extension throughout the state have formed a committee to encourage professional development and to expand contributions to Extension, particularly through programming.

The Extension Support Staff Committee (EssC) grew out of a 1997 Extension employee conference. Now in its second year, EssC has an initial goal of supporting communication efforts between staff members and facilitating effective organizational communication links.



EssC Co-chairs Donna Buckley, left, and Sandy Vaillancourt

That communication includes informing new members of the Extension support staff of resources available to each of them, such as professional development funds. The committee also distributes resources to staff members, including videos, books, seminar notifications, public software, Website addresses and general product information.

New this year is the presentation of two EssC awards – an Extension Supervisory Award of Excellence and an Extension Support Staff Award of Excellence. The awards were created out of the importance of acknowledging and applauding the demonstration of excellence in a professional role.

The five members of EssC – co-chairs Donna Buckley and Sandy Vaillancourt, Janet Abbott, Sharon Voisine and Shelly Kreamer – will be on hand for the presentation of the awards April 15 at the Extension Support Staff Conference, Rockland. ▲

## Oral Exams

**"Alpine Flora of Two Study Sites on Mount Katahdin, Maine,"** by David Clark, candidate for master's degree in botany and plant pathology, 2 p.m., April 13, 101C Deering Hall.

**"Relative Dietary Risks: Mycotoxins and Fungicides,"** by Lebelles Ruth Hicks, candidate for Ph.D. in food and nutrition sciences, 10 a.m., April 14, 14 Merrill Hall.

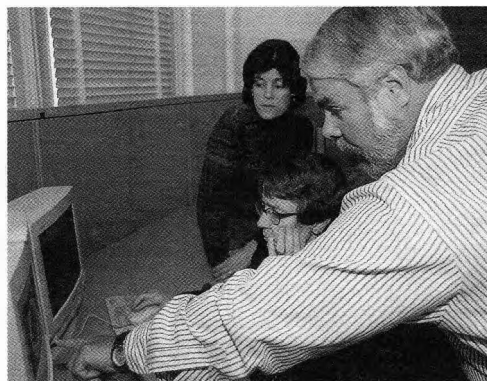
**"The Impact of Wal-Mart on Retail Market Structure in Maine,"** by Georgeanne Artz, candidate for master's degree in resource economics and policy, 9 a.m., April 16, 202 Winslow Hall.

**"The Irish Stereotype and Its Significance During the 1863 New York City Draft Riots and the Orange Riot of 1871,"** by Elaine Mulholland, candidate for master's degree in history, 1 p.m., April 19, Dean's Conference Room, Stevens Hall.

**"Asthma Management: Are Healthcare Providers Following the National Institutes of Health Guidelines?"** by Denise Vielman, candidate for master's degree in nursing, 9 a.m., April 20, 201 Dunn Hall.

**"Influences of Sensation Seeking, Self-control and the Social Situation on Deciding to Engage in Risky Behaviors,"** by Pamela Feist, candidate for master's degree in psychology, 1:30 p.m., April 20, Mee Room, Little Hall.

**"The Role of Storm-Generated Combined Flows in Shoreface and Inner Continental Shelf Sediment Erosion, Transport and Deposition,"** by Stephen Dickson, candidate for Ph.D. in geological oceanography, 2 p.m., April 21, 100 Bryand Global Sciences Center.



The New Media Lab in Lord Hall was the site of a day-long multimedia workshop for faculty March 25, offered by Information Technologies (IT). The free-hands-on workshop, led by Apple

Computer consulting engineer Bill Hanson, foreground, focused on how QuickTime technology can enhance and fundamentally change the way curriculum can be created, delivered and understood. Ten faculty members, including Kathleen March, center, and two graduate students participated. Pictured here looking on is IT Development Specialist Robin Shaler. Beginning May 10, a week-long series of free faculty seminars on incorporating technology/multimedia into coursework will be offered by IT. The faculty development seminars will begin with a day-and-a-half "Teaching, Learning Technology Roundtable" workshop, led by Steve Gilbert from the American Association of Higher Education (AAHE). For more information on the seminars, contact Shaler. Photo by Kathryn Rice

## Look Who's On Campus

Folksinger **ANI DIFRANCO** will give a concert at 8 p.m., Friday, April 16, Hutchins Concert Hall. The Buffalo native tours on the acoustic, college, and rock club circuits, shattering stereotypes and winning over unsuspecting fans. DiFranco, who started writing songs at 15, now has six albums and her own record company, Righteous Babe Records.



**PETER FRENCH**, director of the Ethics Center at the University of South Florida, will present the Marshall Dodge Memorial Lecture, "Aristotle Contemplating the Dying Duke: Aristotle's Account of Courage and John Wayne's Last Film, *The Shootist*," beginning at 7 p.m., Wednesday, April 21, Soderberg Center, Jenness Hall. French, a professor of philosophy, holds the Cole Chair in Ethics. He is the author of 16 books on such topics as corporate ethics and responsibility, ethics in government and the scope of morality. His newest volume is *The Virtues of Vengeance*. He is the creator and director of The Summit: The International Conference on Ethical Issues in Sports, which held its first conference in May 1998 at the University of South Florida.



**PAUL MILLER**, U.S. Equal Employment Opportunity commissioner and Phi Beta Kappa Visiting Scholar, will speak Tuesday, April 27 in Bodwell Area, Maine Center for the Arts, on "The Disability Civil Rights Movement: From the Jerry Lewis Telethon to Casey Martin" as part of the Annual Phi Beta Kappa Initiation Ceremony that begins at 4 p.m., Maine Center for the Arts. EEOC is the agency charged with enforcing federal employment discrimination laws. Prior to his EEOC appointment, Miller worked in the White House on disability policy issues. He is the former director of litigation for the Western Law Center for Disability Rights, where he litigated cases dealing with employment, education, transportation and access discrimination.

Award-winning journalist and author **ALAN WEISMAN** will speak twice on campus Monday, April 26 about his work in Gaviotas, Colombia, the focus of his newest book, *Gaviotas: A Village to Reinvent the World*. Weisman will speak at 12:15 p.m., Devino Auditorium, Corbett Business Building, and will offer a lecture/slide presentation at 7:30 p.m., Minsky Recital Hall. Gaviotas is a Colombian scientific community's radical experiment to attain a sustainable way of life. Begun in 1971, Gaviotas is now a self-sufficient town of 200, supported by clean, renewable industries that have made the once improbable goal of zero emissions a reality.



## Amphibians and Reptiles

# Canaries of the Environment

In the 18th century, the famous biologist Carl Linnaeus left little doubt how he regarded amphibians and reptiles.

"These foul and loathsome animals are abhorrent because of their cold body, pale color, cartilaginous skeleton, filthy skin, fierce aspect, calculating eye, offensive voice, squalid habitation, and terrible venom; and so their Creator has not exerted his powers to make many of them," he wrote.

How much has changed in 200 years? asks UMaine wildlife biologist Malcolm Hunter. "Despite the popularity of dinosaurs, Kermit the Frog and Teenage Mutant Ninja Turtles, most people harbor little affection for these creatures and even less knowledge."

Frogs, toads, salamanders and snakes have fascinating biology and ecology that are often overlooked and misunderstood, says Hunter. "It's important for people to know that these species are both fascinating in their own right but also have a larger ecological role than most of us appreciate. Among the vertebrate animals in Maine, including birds, fish, mammals, reptiles and amphibians, the two most abundant are the redback salamander and the spring peeper. Yet we still know relatively little about their biology."

This month, just in time for spring, the University of Maine Press has published *Maine Amphibians and Reptiles*, a comprehensive, 250-page volume dedicated to introducing readers to 38 species that make their home in the state. Editors Hunter, UMaine wetland ecologist Aram Calhoun, and Maine Inland Fisheries and Wildlife biologist Mark McCollough have compiled the latest research and fieldwork findings of more than 300 contributors. The result is the most extensive resource to date concerning Maine's cold-blooded creatures that creep, crawl and croak.

*Maine Amphibians and Reptiles* also appears at a time of growing concern and warning signs that something is going terribly wrong in

the natural landscape. Throughout Maine, there are reports of frogs born eyeless or with too many or too few legs, and a species of turtle close to disappearing in one corner of the state. In beginning to fill the information void about amphibians and reptiles, the book also raises awareness about the health of the ecosystem that we and these animals call home.

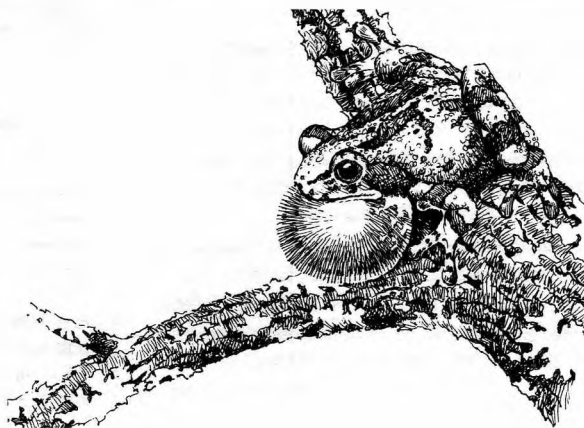
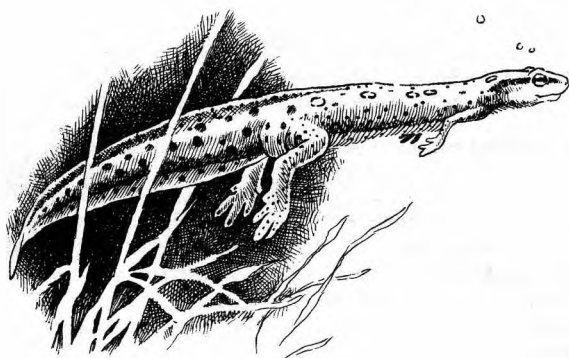
Royalties from the sale of the book will be earmarked for amphibian and reptile conservation in Maine.

"A lot of attention has been focused recently on the deformities showing up in frogs. As is often the case, these species may be barometers for problems in the environment that ultimately affect people," Hunter says. "In the '60s, eagle and osprey deaths related to DDT led us to realize that we faced a widespread problem that could affect human welfare. It's just as possible that deformities that we're seeing in frogs could signal other environmental problems of direct consequence to humans."

"This book definitely is part of a tool chest for action."

For Hunter, this is the second major publication in seven years on Maine amphibians and reptiles. In 1992, "The Amphibians and Reptiles of Maine" was published as a 188-page bulletin of the Maine Agricultural and Forest Experiment Station. The bulletin culminated a five-year effort, the Maine Amphibian and Reptile Atlas Project, in which more than 250 volunteers and five organizations (Inland Fisheries and Wildlife, Maine Audubon Society, UMaine, The Nature Conservancy and Maine Natural Heritage Program) gathered systematic distribution information on Maine's amphibians and reptiles. The scientific Station bulletin was not designed in format to appeal to nonspecialist readers, yet the response to the first edition was much greater than expected. The 2,500 copies of the bulletin sold out within two years and the demand for copies continued.

"The greatest surprise has been the public interest in reptiles and



amphibians,” says McCollough, whose pen and ink drawings appeared in the bulletin and now are in the new book. “I’m anxious to see what the new book will bring.”

*Maine Amphibians and Reptiles* is a 7- by 10-inch paperback that includes new sections beyond those offered in the Station bulletin on such topics as amphibian eggs and the environmental implications of deteriorations in amphibian health. Accounts by the more than 300 contributors have been updated to reflect the latest research. More than 100 distribution maps for species show ranges in North American, the region and in Maine, where almost all reptiles achieve their northern-most distribution. In addition to the almost 60 detailed illustrations, the volume also includes 36 color photographs and an expanded bibliography.

Adding to the excitement about the volume is a CD of frog and toad calls. Narrated and produced by well-known naturalist Lang Elliott of Ithaca, N.Y., the CD features a reference guide to the individual calls of 10 species. Then the CD offers mixed choruses of field recordings of frog and toad calls in early, mid and late seasons. And finally, to test one’s ability to identify species, there are more than 40 minutes of mixed-species choruses, both narrated and unnarrated.

The latter choruses have been described by the editors as “easy-listening frog music” or 20 minutes of uninterrupted “dinner music.”

Next year, *Maine Amphibians and Reptiles* will be complemented by a children’s field guide by Portland artist and author Andrea Sulzer, to be published by the University of Maine Press.

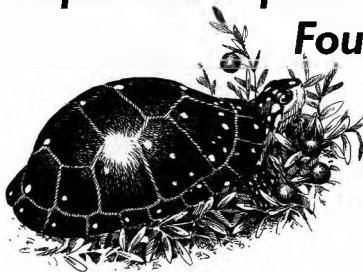
“Like a lot of Maine kids, I used to gather up polliwogs and watch them turn into frogs,” says Michael Alpert, director of the University of Maine Press who designed *Maine Amphibians and Reptiles*. “That’s not something I recommend now. Frogs and toads were really part of my growing up and learning about my environment. I still think they’re great critters. Their behavior is very elemental. On a philosophical level, studying these animals means coming in contact with what it means to be alive.”

Even McCollough, leader of Inland Fisheries and Wildlife’s Endangered Species Group, knew little about the most pervasive animals in the Maine woods until he illustrated “The Amphibians and Reptiles of Maine” in the early 1990s. A talented wildlife artist, McCollough had never even drawn an amphibian to that point.

“To illustrate them, I had to get to know these animals, understand their life history and habitat,” McCollough says. “At the time, Inland Fisheries was working with endangered species but little was being done with reptiles and amphibians.

“The public tends to forget that amphibians and reptiles also are wildlife, McCollough says. “Somehow reptiles and amphibians are considered lesser lifeforms, but the fact is they have out-survived other vertebrates on our planet. The prevailing public opinion has been that these animals live largely at night in slimy environments. They were looked down on in the ecosystem. As we’ve studied these animals, the reality is that they have extreme importance in the environment in Maine.” ▲

## Reflections of Environmental Health Found in Vernal Pools



Forested wetlands are the least studied wetlands class and the least protected areas in New England.

In these wetlands are found some of the most specialized habitats for amphibians and reptiles.

The largest and most complex project on amphibians and reptiles by Maine Inland Fisheries, Maine Audubon and the UMaine Department of Plant, Soil and Environmental Sciences concerns vernal pools – small areas that fill with snowmelt and rainwater in spring and dry in the summer. To the untrained eye, vernal pools are the nuisance woodland mud puddles that serve only as breeding grounds for mosquitoes. But without fish as predators, vernal pools provide prime breeding habitat for four indicator species – spotted salamanders, blue-spotted salamanders, wood frogs and fairy shrimp, as well as sources of food and safety for other reptiles, amphibians, mammals and birds.

Heading the vernal pool conservation efforts in the state is UMaine wetlands ecologist Aram Calhoun. Initially, the goal has been to conduct public education outreach to raise awareness and sensitivity to the importance of these areas. She has written a manual for identifying and protecting such wetlands. In April, a Web page will be available with the latest data concerning vernal pools, amphibians and reptiles in Maine. And this spring, a five-year vernal pool monitoring program will be launched in Maine, with up to 100 sites statewide.

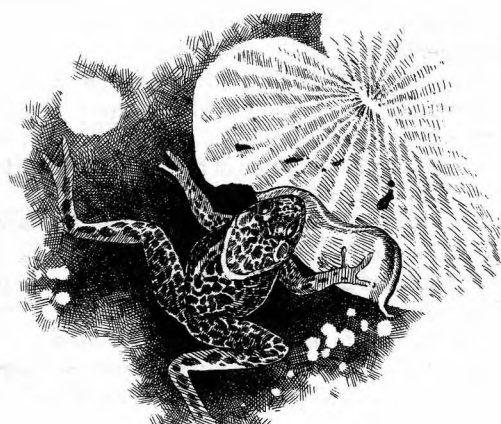
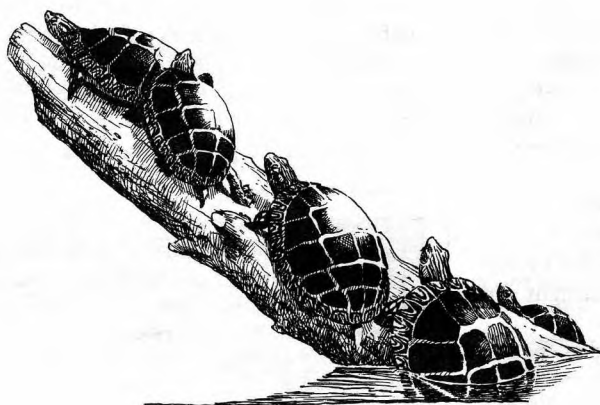
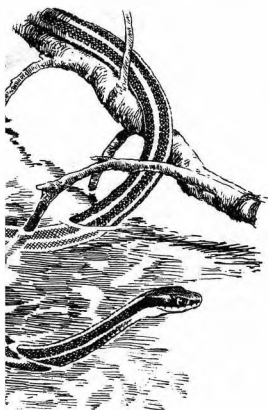
“When I give talks, people want to know how we’re going to use the data we’re now gathering,” says Calhoun, who has been involved in reptile and amphibian conservation since 1995. “The answer is that a multiple-use approach to forestry, which is big in this state, is possible. The reality is most environmental degradation occurs out of ignorance. That’s why we’re trying to raise awareness.”

People need to be asking questions about patterned land use practices and their results, Calhoun says. A wetland should be viewed from the perspective of an aerial photo, taking into consideration the surrounding landscape.

“Massachusetts has a vernal pool certification program in which the pools were protected but not the surrounding habitat. Now,

*continued on page 17*

*Photo top right: Researchers and Maine Amphibians and Reptiles editors, left to right, Aram Calhoun, Malcolm Hunter and Mark McCollough. Photo by Nick Houtman. Illustrations by Mark McCollough, top left, redback salamander; top right, spotted turtle; and illustrations below, from left, eastern newt, gray treefrog, ribbon snake, painted turtle, mink frog.*





# In the UMaine English Classroom Via AUBG

Like most graduate students in English, Zornitsa Keremidchieva teaches English 101 to first-year undergraduates.

What is unusual is that English is a second language for Keremidchieva.

Keremidchieva, 23, came to UMaine from Bulgaria in August 1997. She will graduate in May with a 3.95 GPA and a master's degree in English, with a concentration in composition, rhetoric and pedagogy.

The English Department rarely gives teaching opportunities to students whose first language isn't English, according to Linne Mooney, associate professor of English.

"She's unusual in that English is her second language," Mooney says. "Science and engineering graduate students from outside the U.S. are more likely to be offered TAs than English graduate students, since our TAs have to teach English composition."

Keremidchieva has proved to be a successful gamble. Mooney says the department has been impressed with Keremidchieva's command of the language and her coursework.

"She's not from Maine, not even in the United States," Mooney says, "and she's one of our best literature students."

Keremidchieva is particularly interested in comparative and contrastive rhetoric, or how people in different cultures construct arguments and make sense of reality through language. She says one of the biggest myths in education is that foreign students who are not fully proficient in English automatically cannot do well in an academic environment.

"Some international students may not have a perfect command of the language and the way they construct arguments may sound foreign," she says. "Yet, the value and quality of their thinking is there. It is only different."

Keremidchieva, who has also taught English as a second language, has found that foreign students' scores on the SATs and TOEFLs do not correlate with academic performance. She says other factors such as how foreign students perceive authority, objectives and institutional environment must also be examined.

Keremidchieva says the area of contrastive rhetoric has a variety of implications for politics, the media, academia and social discourse.

"The West can no longer afford to think that international education is about converting the natives. We need to be able talk to each other and reach mutual respect and understanding. Pluralism, sensitivity, awareness and tolerance are key terms for the future," she says.

Especially with the popularity of the Internet, which Keremidchieva claims is "like a huge writing project," writing remains a primary way of communicating, she says.

Keremidchieva's gravitation toward cross-cultural rhetoric now seems natural. As a Bulgarian native in the United States, she has first-hand experience with how differently language and argumentation work in different cultural environments, and she is the product of several vastly different education systems.

Keremidchieva began her college career at Sofia University, the national university of Bulgaria and its oldest, most established and traditional institution of higher education. However, Sofia did not meet Keremidchieva's needs and interests.

"The type of education there was obsolete, loaded with propaganda," she says. "I couldn't expect the same faculty who had been educated in the same institution formerly sponsored by the Communist government to change their mentality overnight and suddenly start to promote democratic values."

Keremidchieva left Sofia after one year and enrolled at the American University of Bulgaria, an autonomous university

accredited through UMaine. AUBG is a very small institution, the only one of its kind in the Balkan region. When it began in 1992, it offered a liberal arts education that was otherwise unknown in the formerly Communist country.

Keremidchieva's transition to the more open-minded AUBG was made easier by her family's tradition in American education. Her older brother was one of the 100 students who made up AUBG's first graduating class and her grandfather was an alumnus of an American school. Keremidchieva also had the encouragement of a progressive family who thought she needed to seek out new values.

"The spirit of the institution was the best thing," she says. "The students were very bright, and it was very competitive."

Keremidchieva's original area of study was not language. At AUBG, where all the classes are taught in English, Keremidchieva studied business administration. She also worked for an international business while attending AUBG.

Keremidchieva was so occupied working for the business that she considered her double major in English literature a hobby. Then an English instructor at AUBG encouraged Keremidchieva to apply for a graduate position at UMaine.

"Making the decision to come to the U.S. was like going through a mid-life crisis. It involved a radical re-evaluation of everything that had given me a sense of identity so far: nationality, interests, professional aspirations, family, etc.," she says. "At the time, English was pleasure. I didn't think of it as a professional option. My mentor revealed the possibilities of the field for me. He changed my life."

"I don't regret anything I've done so far. With my interests in rhetoric and communication, I can see how all of the ideas I ran across in a variety of fields come together to enhance my understanding of social realities and values."

"My outlook has evolved tremendously since I came to UMaine. With my job, which I totally love and enjoy, my visions stretch far ahead. Now I can see that I need to constantly reposition myself within a profession which reflects a world that constantly implodes with new ideas and new hopes. Political and economic regimes change, values change, needs change. Change is something we need to look forward to, both in the social and political arena, and in our personal lives." ▲



Zornitsa Keremidchieva

## Graduate Student Focus

### LOOK FOR MAINE PERSPECTIVE ON THE WEB

Electronic issues of *Maine Perspective* featuring the lead stories can be found linked off the University of Maine homepage ([www.umaine.edu](http://www.umaine.edu)) or at the *Maine Perspective* Website: [www.ume.maine.edu/~paffairs/perspectiveweb/persp.html](http://www.ume.maine.edu/~paffairs/perspectiveweb/persp.html)



## Travel *continued from page 2*

including the University of North Carolina, Iowa State, Missouri, Nevada and Miami. All the institutions have recently switched to travel management to manage travel costs after having no program or contracting with a single travel agency.

"Travel management is not about managing behavior but capturing data," says Larry Handel, president of Campus Travel Management. "We're not telling people how to travel or that they should use one airline or another, or book a connecting flight when a non-stop is better. Travel management is about creating a competitive environment with a limited number of travel agencies for the overall benefit of the University.

"At a time when everyone is looking for the best value, volume produces better deals. This is designed to support the University community and improve passenger service."

The University annually averages almost \$3 million in business-related travel expenses, including airfare, car rentals, hotels and food. In addition, there are UMaine's administrative costs of processing related paperwork, including travel vouchers.

"The administrative burden associated with travel is huge," says Claire Pratt, director of Budget and Business Services. "Initially, members of the University community may not feel savings at the department levels, but the institution will realize savings in the processing associated with business travel. Eventually, savings will be felt at the ticket-level for all travelers on University-related business."

UMaine's system will evolve based on detailed monthly reservation and financial data that will give Budget and Business Services its first real sense of dollars spent by UMaine travelers, including their preferred destinations and carriers. Armed with such data, Durringer expects in six months to negotiate with airlines for reduced rates and better terms.

Within two years, the University could be saving 10 percent-15 percent on business-related ticket prices, resulting in direct cost-savings to departments, says Durringer, who previously implemented a similar travel management program. Another 25 percent-30 percent will be saved as a result of automated administrative processes related to travel.

"The biggest misconception is that people think they're going to be watched," says Handel. "The collection of data by all four of the travel agencies makes it possible for the University to negotiate better deals with airlines and hotels. The data helps establish a framework for supporting people's preferences in airlines and frequent destinations. We're watching patterns."

Those making business-related travel arrangements may find a low airfare through their own research, but should try and capture that same rate through one of the four contracted agencies, say Durringer and Pratt. An exception may be conference travel, where sponsors may already have secured the best rates or require specific hotel accommodations for the event. Travelers will be allowed to book conference packages that are organized by professional organizations.

Handel agrees that there may be a few times when it benefits the University for a professor or other traveler to use a non-contracted agency. One example would be a highly specialized excursion to a remote destination where a faculty member has long-established ties. However, for the more conventional destinations like Washington, D.C., Los Angeles, Boston, New York City or London, the contracted agencies will be competing to offer the best airfare rates, including conference rates.

This month, Budget and Business Services will offer open forums on campus to discuss the travel management plan, as well as a vendor fair featuring representatives from the four travel agencies. Watch the University's master calendar for listings. ▲

## Y2K *continued from page 1*

Information Technologies. "However, my biggest concern still remains that we have not found everything, especially all pieces of research equipment. We've asked building managers and technicians to help identify them."

Inventoried technology on campus has been categorized into four levels: Level 1, that which could be life-threatening; Level 2, technology critical to the University's mission; Level 3, that which is mission-critical to departments or units; Level 4, desktop technology that is the responsibility of individuals.

"By the end of the summer, my hope is that we have addressed all Level 1 and Level 2 technology to make it Y2K compliant, and we have campuswide contingency plans that are incorporated into the University's Emergency Management Plan," Shaw says. "We will try to help people at Level 3 and Level 4 if time and staff allow, but the Y2K Committee does not have responsibility for fixing this technology. We will refer members of the University community in the right directions for seeking answers to their departmental or individual Y2K compliance questions, and help them with our awareness program."

Later this month, the Y2K Committee will launch a campuswide awareness program to educate users. Leading the awareness program will be the Committee's new Y2K analyst Ray Walters. (See related story page 6.) An important resource in the awareness program will be a user's guide to Y2K questions and answers. In it will be what members of the University community can expect as Jan. 1 approaches, proactive steps to ensuring Y2K compliance, and where to go for help with Y2K concerns, including Website resources.

There are Y2K software packages on the market to locate problems. However, people need to be cautious about being lulled into a false sense of security with Y2K software, says Shaw. "For instance, some of this software may look only at databases and not spreadsheets. There are programs on the Web to run against your computer to tell if your operating system is Y2K compliant. If it's not, most newer computers have fixes in the form of manufacturers' Y2K patches to download; check the manufacturers' Web pages. Some of the older equipment cannot be updated.

"The chances are greater that computer users will not have Y2K problems or will have quick-fixes if their equipment was purchased in the last four years. But they also need to know that newer equipment or software doesn't ensure Y2K compliance. There are 5-year-old computers that are compliant and 6-month-old equipment that isn't," says Shaw. "Even Windows '98, marketed to be ready for the year 2000, is not fully compliant."

UMaine's Y2K Committee is not only concerned about the date Jan. 1, 2000. The date 9/9/99, which was often used in earlier programming to indicate the termination of a program, also is a focus. And even if your equipment or software survives past 1/1/2000, there's 2/29/2000 – the first instance of a leap year after the turn of the century.

"My biggest caution is people don't put off checking the Y2K compliance of their technology until the end of the year. We're hoping after the semester ends and people have more time to look at their individual technology issues, the calls for help start coming in. If people wait until fall to see if they have a Y2K problem, they will run out of time and help may not be available. If people wait until Jan. 2, in some instances data could be corrupted or equipment and programs will fail to run.

"As we get closer to 2000, people are understanding the issues more and taking a middle-of-the-road approach. There will be Y2K problems and inconveniences, but we don't foresee major disasters.

"People should be proactive. There will be people who will do nothing, but it won't be because they weren't warned." ▲

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## Why People Trap

People who trap beaver, coyote and other furbearing animals in the 1990s tend to have an active outdoor lifestyle, which includes hunting, fishing and collecting wild edible plants, according to results of a six-state survey by John Daigle, UMaine assistant professor of parks, recreation and tourism, and a team of researchers.

The nearly 2,300 respondents to their survey ranked appreciation for nature, for example observing and learning about wildlife, as an important motivation for trapping.

"This type of research really begins to substantiate why people are interested in trapping furbearers," says Daigle. "Underlying motivations are much more complex than popular ideas of killing wildlife for income or for managing nuisance wildlife."

Their report was published in the *Wildlife Society Bulletin* in 1998. Income, animal control and affiliation with other people were less important to trappers in the early 1990s, according to the survey results. "Trapping in the northeastern United States, contrary to being compartmentalized, is one of many activities that are integral to and well-integrated within a broader lifestyle oriented to the out-of-doors," the report concludes.

Daigle's findings are part of an attempt to understand what motivates trappers as participation in the activity is dropping across the nation. In Vermont during the late 1980s, the number of licensed trappers dropped from 3,090 to 879 in the early 1990s. In Maine, about 2,500 trappers were licensed in 1992-93, far fewer than those who participated in the 1980s. Part of this decrease has been linked to low prices paid for pelts in Europe.

"We found another important variable," says Daigle. "A tremendous amount of time is required to fully participate in fur trapping. Unlike other wildlife-related outdoor activities, trapping requires that all traps set must be checked on a daily basis. Most trappers have full-time regular jobs, so trapping involves setting traps in the very early morning and checking them after work. Most nights will be devoted to processing and preparing furbearers. A great deal of time is placed on preparing pelts because it directly reflects their skills and ability, as well as the price paid by a fur buyer.

"In addition, for many trappers, vacations from jobs are scheduled around part of the trapping season. Many trappers would like to keep trapping if they could break even, but they cannot justify the costs for fuel and equipment, and the time required to trap. Other trappers simply leave trapping because it no longer interests them."

Daigle, a UMaine alumnus, is the principle author of the report. His colleagues include Robert Muth, University of Massachusetts, Amherst; Rodney Zwick, Lyndon State College; and Ronald Glass, a research consultant in Starksboro, Vt.

The 14-page questionnaire was mailed in 1994 to 3,932 people who held trapping licenses or who participated in trapping activities in Maine, Vermont, Massachusetts, New York, Pennsylvania and West Virginia. The analysis was based on a total of 2,279 returned questionnaires - 65 percent of the total. Daigle also conducted personal interviews with more than 100 of the survey respondents throughout the six-state region.

He is not a trapper but recalls that his father and grandfather both trapped along the Penobscot River. He wants to continue collecting information from people engaged in wildlife-related activities, including people who do not trap or hunt. He is particularly interested in how wildlife activities are passed down from one generation to another and become part of family traditions.

## Detecting Gamma Rays

It's a project combining the latest high technology gear and creative backyard invention. Students and faculty in the departments of Geology and Physics have installed a new \$25,000 gamma ray detector on campus to help them unravel secrets related to Maine's environment.

Gamma rays are naturally occurring, high-energy particles given off during the decay of radioactive elements. They can provide important clues about natural processes such as the layering of sediments in lakes, atmospheric deposition of mercury and even weather patterns.

The University purchased the device with research and development funds approved by the state legislature in 1998, and a grant for mercury research through the Water Research Institute.

In the past, collaborative work by UMaine geologists and physicists has started a national dialogue on radon gas concentrations in homes and revealed how much mercury has fallen on Maine from the air in the past century. New research is refining the mercury work and also focuses on another element, beryllium. This element exists naturally in the Earth's crust, and a radioactive version is formed under conditions high in the atmosphere. Known as Beryllium-7, it rains down daily on the Earth in minute quantities.

Located in the Department of Physics and Astronomy in Bennett Hall, the new detector is considerably more sensitive than its predecessor. Its heart consists of a pure germanium crystal that emits an electrical signal whenever it absorbs a particle of radioactivity. It is cooled with liquid nitrogen to a temperature of about -197 degrees Celsius or -322 degrees Fahrenheit. The crystal is housed inside a University-made lead shield designed to keep background radioactivity to a minimum.

Faculty involved in the work include Tom Hess in physics and Steve Norton in geological sciences. The students include Jim Kaste, a master's candidate in geology; and physics undergrads Joel Ngu, Chris Higgins and Ian Brasslett.

The detector was built by the Canberra Corp., Meridian, Conn., and arrived at UMaine in January. With Thomas Tripp, chief machinist in physics, Hess and some of the students built the lead shield and lined it with thin sheets of copper and cadmium. The metals absorb background radioactivity that might otherwise interfere with sample analyses. Commercially available shields cost \$10,000-\$12,000, says Hess.

Hess, Tripp and the students also assembled a package of electronic equipment to record and amplify signals from the crystal. The data are sent to a computer that displays counts of radioactivity at various frequencies.

Since January, Ngu has been calibrating the machine by analyzing samples with known amounts of gamma ray activity. That work provides the basis for interpreting data from environmental samples.

"We measure a radioactive isotope of lead because it can tell us how long something has been in the ground," says Higgins. "About half of the lead-210 that falls on the soil or on a lake or wetland decays every 20 years. Older layers of soil or peat have less radioactivity from lead-210 than the upper layers."

In a collaborative project with scientists in The Czech Republic, Kaste, Norton and Hess are studying how beryllium is transported through the environment and where it accumulates. With funding from the National Science Foundation, the three researchers will travel to Prague in May.

**Kate Beard**, chair, Department of Spatial Information Science and Engineering; **Harlan Onsrud**, associate professor of spatial information science and engineering; and **Max Egenhofer**, director of the National Center for Geographic Information and Analysis, College of Engineering's Libera Professor, associate professor in spatial

information science and engineering, and cooperating associate professor in computer science: chapters in *Geographical Information Systems: Principles, Techniques, Management, and Applications*, edited by P. Longley, M. Goodchild, D. Maguire, D. Rhind, (New York: Wiley 1999): Beard and B. Buttenfield, "Detecting and Evaluating Errors by Graphical Methods," pp. 219-33; Egenhofer and W. Kuhn, "Interacting with GIS," pp. 401-12; Onsrud, "Liability in the Use of GIS and Geographical Datasets," pp. 643-52.

**Doug Allen**, professor of philosophy: "The Enlightenment," in *The Encyclopedia of Politics and Religion*, (Washington, D.C.: Congressional Quarterly Inc., 1998).

**Laurence Smith**, associate professor of psychology, two entries: "Edwin Bissell Holt" (vol. 11, 96-98) and "B.F. Skinner" (Vol. 20, 64-66), in John A. Garraty & Mark C. Carnes (Eds.), *American National Biography*, New York, Oxford University Press (1999).

**D.F. Belknap**, Department of Geology and School of Marine Studies, and Y. Mart: "Sea-level Lowstand in the Eastern Mediterranean: Late Pleistocene Terraces Offshore Northern Israel," *Journal of Coastal Research*, 15:399-412 (1999).

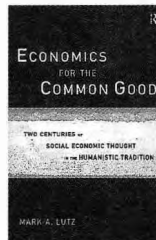
Maarten De Boer, chief surgeon, Department of Otorhinolaryngology and Head and Neck Surgery, University Hospital Rotterdam, The Netherlands, Bart van den Borne, professor of health education, Department of Health Education, Maastricht University, The Netherlands, Jean F. A. Pruyn, professor of psychology, Department of Psychology, Tilburg, The Netherlands, and **Richard Ryckman**, professor of psychology: "Psychosocial and Physical Correlates of Survival and Recurrence in Patients with Head and Neck Carcinoma," *Cancer*, 2567-79 (1998).

Allan Pessier, Donald Nichols, Department of Pathology, National Zoological Park, Smithsonian Institution; **Joyce Longcore**, research assistant professor, Department of Biological Sciences; and **Melvin Fuller**, Darling Marine Center: "Cutaneous Chytridiomycosis in Poison Dart Frogs (*Dendrobates* spp.) and White's Tree Frogs (*Litoria caerulea*)," *Journal of Veterinary Diagnostic Investigation*, 11:194-99 (1999). Also, Longcore, with Pi Nyvall, Marianne Pedersen, Department of Botany, Stockholm University: "*Thalassochytrium gracilariopsis* (Chytridiomycota), gen. et. sp. nov., endosymbiotic in *Gracilariopsis* sp. (Rhodophyceae)," *Journal of Phycology*, 35:176-85 (1999).

**Kathleen March**, professor of Spanish: the poem "Chansons de Café," published by UNED, Distance University of Spain (Madrid) at URL <http://info.uned.es/cemav/radio/deuned.htm>. UNED has an extensive online learning program. Part of the programming is the "Rincón literario" or Literary Corner. March's poem is in Real Audio format in English with Spanish translation by UNED.

## VOLUMES

Recent Works by University of Maine Authors



***Economics for the Common Good: Two Centuries of Social Economic Thought in the Humanistic Tradition***  
By Mark Lutz  
(Routledge 1999)

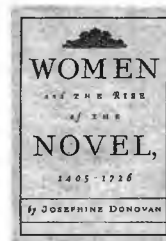
*Economics for the Common Good* approaches economics in terms of human rather than material welfare. In a time of increasing marketization, declining community and growing inequality,

Professor of Economics Mark Lutz argues the case for a broader, more socially sensitive and ecologically sensible economic science.

Building on the social economics tradition, the book recommends a more rational economic order and proposes new principles of economic policy. It addresses such issues as the inadequacy of individualistic economics in guiding socioeconomic policy, the harmful effects of international competition and finance, and economic misconceptions about ecological constraints. It takes a critical look at economic rationality and markets as a panacea, and offers a reconsideration of the modern business corporation.

*Economics for the Common Good* introduces social economics concepts and demonstrates their continuing relevance to the ills of an increasingly global society. In approaching traditional economic problems from a social and ecological perspective focused on basic material needs, human dignity and the laws of thermodynamics, Lutz explores the vital interface between economics, ethics and politics. Equipped with a new understanding of the human personality, it casts a new and critical light on the state of economic science and the contemporary social order.

Lutz is the author of *Humanistic Economics*, *Social Economics: Retrospect and Prospect*, and co-editor of *Essays in Gandhian Economics*.



***Women and the Rise of the Novel, 1405-1726***  
By Josephine Donovan  
(St. Martin's Press 1999)

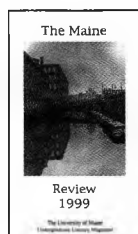
It has long been recognized that women writers played a significant role in the rise of the novel. *Women and the Rise of the Novel*, by Professor of English Josephine Donovan, is the first systematic theoretical study of early modern women's fiction showing how and why it

helped shape the novel's identity.

From their earliest secular literary writings, women offered a critique of ideological formations that objectified them in stereotypical roles or commodified them as objects for patriarchal exchange, as in arranged marriages. In their perception of woman as a class with common interests, including the need to protest harms they experienced as women, they displayed a feminist attitude.

While most studies of the origin of the novel begin with the 18th century, Donovan traces women's literary traditions from the 15th to 18th centuries, focusing on the early modern period as a starting point. She examines works in Italian, French and Spanish, as well as English, highlighting the contributions of various women writers – from Christine de Pizan to Jane Austen.

Drawing upon Mikhail Bakhtin, Iris Murdoch and contemporary standpoint theory, Donovan establishes the novel's character as an ethical case study. She shows how early modern women drew upon the theological method of casuistry, which focuses on individual and ethical case studies, and the popular framed-novelle genre to establish a feminist prosaics, which became an important factor in the genesis of the novel.



### 1999 MAINE REVIEW NOW AVAILABLE

The 1999 issue of *Maine Review*, the undergraduate literary magazine, is now available.

The student-produced anthology includes stories, poems and essays by UMaine students and faculty from a variety of academic disciplines, including English, modern languages and classics, and history.

*Maine Review* was established in 1932. It is edited this year by John Burns, a second-year English major.

This issue is dedicated to the memory of the late

Chair and Professor of English Ulrich Wicks.

Copies are \$1 and available in the English Department and University Bookstore, as well as area bookstores.

**Doug Allen**, professor of philosophy, presented a paper on "The Religious and Philosophical Thought of Mahatma Gandhi," March 3, Florida International University.

**Max Egenhofer**, director of the National Center for Geographic Information and Analysis (NCGIA), College of Engineering's Libra professor, associate

professor in spatial information science and engineering, and cooperating associate professor in computer science, attended the Principal Investigators' Workshop of NSF's Human-Computer Interaction Program. The workshop was in Orlando, Feb. 21-23.

**Alfred Leick**, professor in spatial information science and engineering, was invited to the GEOEXPO'99 conference and exhibition, Lima, Peru, March 17-19. The meeting was at the National Engineering University. He gave the opening presentation on "Recent Developments in Satellite Positioning with GPS and GLONASS."

**Nellie Orr**, assistant professor of kinesiology and physical education, was the guest speaker at the American Heart Association's Women and Heart Health Symposium, March 24, Black Bear Inn. Her topic was "Exercise and Cardiovascular Health."

**Bob Strong**, professor of finance, and **Adrienne Kearney**, assistant professor of economics, served as judges for the FED Challenge, conducted by the Federal Reserve Bank of Boston. This competition matches New England high school economics teams who work through a mock meeting of the Federal Open Market Committee, which is the Federal Reserve's monetary policy arm.

**Erdogan Kiran**, Gottesman Research Professor of chemical engineering, has been appointed an International Monitor for the *Journal of Chemical Engineering of Japan*. Kiran has been invited to provide input on the content and for improvements of the prestigious Japanese journal, a publication of the Society of Chemical Engineers, Japan. Kiran is a founding editor of the *Journal of Supercritical Fluids*. Also, Kiran was an invited lecturer at the International Meeting of the GVC-Fachausschuss

"Hochdruckverfahrenstechnik" on High Pressure Chemical Engineering at Forschungszentrum, Karlsruhe, Germany, March 3-5. This was the first time this meeting was open to international contributors, and Kiran was asked to give the opening lecture. The meeting was unique in bringing together many of the leading scientists and engineers working in high pressure chemical engineering from 13 countries, including some of the living legends in the field such as professors Ernst Ulrich Franck and Siegfried Peter of the University of Karlsruhe and Erlangen, respectively. Kiran's talk was "Polymerization and Polymer Modifications in Near and Supercritical Fluids." After the meeting, he visited University of Mainz, the Technical University of Hamburg-Harburg, and the University of Cologne. At Hamburg and Cologne, he gave invited seminars on "Kinetics of Pressure Induced Phase Separation in Near- and Supercritical Fluids." Kiran is well known for his research on polymer formation and processing at high pressures in near- and supercritical fluids. Supercritical fluids is a major focus area of research and development in several countries in Europe and in Japan. In Germany, the Nuclear Research Center (Kernforschungszentrum) in Karlsruhe has changed its name recently to simply Research Center (Forschungszentrum), eliminating its nuclear research agenda, and has identified and shifted its efforts to supercritical fluids as the primary research area of emphasis.

**Irv Kornfield**, professor, School of Marine Sciences, presented an invited lecture, "Wildlife Molecular Forensics and Population Analysis," Tufts University School of Veterinary Medicine, Grafton, Mass., March 11.

**Dan Belknap** and **Joe Kelley** of the Department of Geology and School of Marine Studies, along with seven of their Ph.D. and M.S. candidates, attended the annual Northeast Section Meeting of the Geological Society of America in Providence R.I., March 21-24. They presented a total of 10 papers on subjects such as coastal sediments and sea-level rise, Maine lakes and climate change, and geoarchaeology.

Professor **Dennis Cox**, music, was the guest choral clinician for the Freeport High School Vocal Music Program open rehearsal in Freeport March 19. In addition, Cox; Larry Stockton, Lafayette College; and David Rox, Gordon College, were clinicians for the Patriots Music Festival, Gordon College, March 28.



Melvin McClure, right, professor emeritus of accounting who now lives in Florida, was on campus last month volunteering his time to assist UMaine international students complete their tax returns. He is pictured here helping Gerti Pellumbi of Albania and Qing Wang of China. McClure has been aiding international students in this effort for many years. International students are required to fill out tax returns, even if no money is earned. McClure retired from UMaine after more than a quarter-century of service. Photo by Kathryn Rice

#### OLMSTEAD AMONG THE CELEBRATED WOMEN OF AROOSTOOK

Kathryn Olmstead, associate professor of journalism, is one of 12 women who have been selected to be honored in the "Celebrating Women of Aroostook" Year 2000 calendar.

The calendar is sponsored by the Maine Centers for Women, Work, and Community. Each calendar month features a photograph and biography of a woman from the County who has made outstanding contributions to family or community.

Olmstead, a member of the UMaine faculty since 1984, is the founding director of the Maine Center for Student Journalism. In 1993, she received a Woman of Achievement Citation from the American Association of University Women of Maine for being "an inspirational teacher and pioneer in cultural journalism."

Olmstead also is co-founder, owner and editor of *Echoes*, the northern Maine journal of rural culture that recently celebrated its 10th anniversary. She was nominated for the "Celebrating Women of Aroostook" honor by the staff of the Caribou-based magazine.

#### MOONEY RECEIVES GUGGENHEIM FELLOWSHIP

Professor of English Linne Mooney has been awarded a Fellowship from the John Simon Guggenheim Memorial Foundation for 1999-2000 to conduct research looking for evidence of the production, sources, sites and distribution of professionally prepared manuscripts in England from 1375-1525. Her research will be compiled in a book on professional scribes and scriptoria in late medieval England.

In the past 10 years, Mooney, a medieval scholar, has researched medieval manuscripts in libraries and archives throughout Britain, Ireland, France and the United States. She has examined more than 1,500 manuscripts written in England in the medieval period, most dating from 1375-1525.

It was in that 150-year period that there was growth in the number of literate persons, in personal wealth, and in the number of manuscripts written in England. In her research focused on this period, Mooney hopes to reach new conclusions about the production and distribution of manuscripts in the years leading up to and immediately following the print revolution in England.

The book resulting from her newest research will offer evidence for a rise in the number of professional scribes, including lay scribes, and in the number of manuscripts produced before the advent of moveable type and in the first 50 years of printing history in England, when print and manuscript production of books competed for market share.

Mooney has been a visiting fellow at Corpus Christi College, and a visiting scholar at King's and Wolfson Colleges, all in Cambridge. Through the years, she has received five awards from the National Endowment for the Humanities to support her research.

Her most recent book on medieval manuscripts is *The Kalendarium of John Somer*.

## Economics *continued from page 1*

growth in Maine overlooks the indicator of labor productivity.

"Labor productivity is important because it plays a vital role in Maine's ability to compete in global and national markets," says Breece, professor of economics. "Generally, an increase in labor productivity allows firms to lower costs and raise quality. To be competitive in national and global markets, Maine's labor productivity must at least keep pace with that of its competitors. Unfortunately, this has not occurred."

Labor productivity is the measure of output per worker over a given time period, and is measured by dividing annual real Gross State Product by the annual average number of workers. GSP is the value of goods and services that a state produces after accounting for inflation. Growth in real GSP signifies a higher level of production.

The productivity rate in New England rose significantly from about 93 percent of the national average to well over 107 percent. "In other words, New England switched from following the nation to leading the nation in terms of productivity," says Breece. "Maine's productivity, though, is nowhere near the national average."

In Maine, productivity has fallen below 80 percent of the national average since 1992; it is now approximately 77 percent.

Breece says one way to increase productivity is to create more value-added jobs. For example, furniture manufacturing adds value to the lumber harvested in Maine's woods. If the state made the harvested wood into furniture for export, it will reap more economic benefit than simply selling the raw material.

Policy leaders could create more value-added jobs by taking such actions as increasing appropriations in research and development, assisting targeting industry and improving the overall business climate to retain and attract more technology-based businesses, Breece says.

Not all the economic news is gloomy. Some industries, such as furniture and fixtures and paper and allied products, have increased productivity over the last 20 years.

"Clearly, Maine has its shining stars of productive leaders," says Breece. "Maine also has industries that are not maintaining their productive capabilities. If this trend persists, Maine firms may find that they are not competitive in future national and global markets. Additional research is needed on this issue to help identify the causes for this situation."

Breece's article will be in the Winter 1999 issue of *Maine Business Indicators*. The quarterly publication of the University of Southern Maine contains articles on economic development and analysis, industry studies and economic public policy. It also maintains the Maine Business Index as a measure of changes in the level of state's economy. ▲

## Cohen *continued from page 2*

The one-time gifts by Bath Iron Works and Peoples Heritage will cover the costs associated with archiving and maintaining the Cohen Collection, which consists of approximately 1,700 boxes of correspondence, reports, legislative documents, news releases and press clippings from Cohen's years in public service.

"With a world that grows smaller everyday, it is of paramount importance to understand the forces of change, be they economic, political or social," says William Ryan, chair and president of Peoples Heritage Financial Group. "We're pleased to support the Cohen Center in its efforts to further these goals."

The Center will achieve its goals primarily through educational outreach. It will draw upon UMaine academic resources and form partnerships with K-12 educators, industry, govern-

## Vernal Pools *continued from page 11*

many of those pools have lost the amphibians they were regulated to protect due to a lack of protected upland habitat.

"Maine has an opportunity to avoid what happened in its southern, developed neighbors," Calhoun says. "Without unfragmented landscapes, we lose environmental integrity. As a result, we lose not only amphibian and reptile species but other animals that also depend on a healthy habitat, including humans."

"That could be all of Maine in 20 years because the habitats of these species are not being monitored," says Calhoun.

The state of the amphibian population is not any more critical in Maine than elsewhere in the country, says Mark McCollough, leader of Inland Fisheries and Wildlife's Endangered Species Group. However, at this stage in humans' understanding of the animals, no one can really be sure just how critical the situation has become.

"We could be on the verge of disaster for some of these species and not even know it," says McCollough. "Even with the advances we've made in understanding their ecology, we don't know of the population's status."

One of the most frustrating dilemmas for biologists is to get people to link the health of amphibians and reptiles to the health of the environment, Calhoun says.

"Amphibians and reptiles do not have big brown eyes and fuzzy bodies that people love, yet they are indicators of environmental quality and hence, our quality of life. I do a lot of work with the state to affect policy. Sitting in a room with people talking about protecting puddles on which four species are dependent, it is hard for people to make the link that these animals are bioindicators. Habitats are disappearing and species are disappearing," she says.

Calhoun also spearheads the North American Amphibian Monitoring Project in Maine, which was one of the first states in the Northeast to initiate the volunteer-based monitoring program. In the past three years, the monitoring program in Maine has grown from 24 to 57 routes traveled by 120 volunteers monitoring amphibian species. The goal is to establish baseline data during a five-year period to enable the study of patterns and trends in the populations of the species, as well as changes in the landscape. It also will help determine if amphibian declines are happening in Maine.

"That's how the CD for *Maine Amphibians and Reptiles* came about," says McCollough. "It started as a training tape of frog calls for the volunteers. Then we heard from volunteers that they were turning it on in February to hear the calls of the coming spring. That's why we decided to have the frog chorus in addition to the narrated frog calls. That's dinner music." ▲

ment and non-profit organizations such as the Maine International Trade Center and Forum Francophone des Affaires to offer programs, workshops and exchange opportunities.

"I have every confidence that the Center will serve as an outstanding tribute to Bill Cohen's deep and abiding interest in international policy and commerce," says Allan Cameron, president of Bath Iron Works, a General Dynamics company. "Preparing the citizens of this state to succeed in a rapidly changing, global economy is no small task. We are fortunate that the University of Maine appreciates the magnitude of this challenge, and is committed to helping the citizens of this state move toward a promising future." ▲



Maine Perspective classified ads are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs.

#### FOR SALE

**CAMPER:** 1988 Prowler, 22 feet long, full-size bed, lots of storage, A/C, full bath, stove, fridge, double sink, excellent condition. \$4,800. Call Andrea, 990-3891.

**HOUSE:** Elegantly restored, spacious 1820 cape. Beautiful lot. Easy commute to UMaine. Asking \$115,000. Call 866-3227.

**HOUSE:** Orrington. Elegantly restored and spacious 3-BR 1820s Cape, located on flower-filled, maple tree-bordered, 1-acre lot. Call Dudley, 825-3417.

**HOUSE:** Orono. Gorgeous views of Stillwater River from this new 4-BR contemporary home, located close to Orono downtown. \$129,700. Call Keith, 866-0611.

**MISCELLANEOUS:** One outside Radio Shack TV/FM antenna with rotor, pole and wall brackets, \$20; 1 metal 4-drawer desk, \$20; L-shaped wood computer desk, free. Contact Eric, 989-3840.

**TICKETS:** An evening of Downeast entertainment with Tim Sample, Saturday, April 24, 7 p.m., Old Town High School. Cost: \$8 per person. Call Debbie, 827-5142. Sponsored by Old Town Little League Softball.

**TICKETS:** Dance, dance contest and silent auction Saturday, May 1, Old Town High School Gym, to benefit the Children's International Summer Villages 5th International Doris Allen Village. Tickets \$6 a person; \$12 a couple. Dance instruction 7-8 p.m.; dance contest 9-9:30 p.m.; silent auction 7:30-10 p.m. Music provided by the Old Town High School Jazz Ensemble. For tickets, call Kathy, 947-9273, or Katie, 827-7014.

## Book Ends

### New & Noteworthy at the University Bookstore

**Castro's Curveball, Tim Wendel, Ballantine Books (1999).** In *Castro's Curveball*, Tim Wendel gives us a sparkling novel about baseball, a country on the brink of revolution, and the man who links them together – Fidel Castro. Fresh, original, and peopled with a rich cast of colorful characters, *Castro's Curveball* captures the passion of baseball and the vibrant flavor of Cuba in a grand-slam work of fiction.

**The Best American Short Stories of the Century, John Updike ed., Houghton Mifflin (1999).** Since the inception of the series in 1915, the annual volumes of *The Best American Short Stories* have launched literary careers, showcased the most compelling stories of each year, and confirmed for all time the significance of the short story in our national literature. Now *The Best American Short Stories of the Century* brings together the best of the best – masterworks by such writers as Hemingway, Faulkner, Cather, Fitzgerald, Saroyan, Roth, Cheever, Welty, and others, 55 stories in all by the writers who have shaped and defined the landscape of the American short story.

**Booknotes: Life Stories: Notable Biographers on the People Who Shaped America, Brian Lamb, Times Books (1999).** From presidents to generals, from civil rights activists to poets, from inventors to scientists, Brian Lamb explores the lives of our most fascinating Americans on *Booknotes*, his weekly C-SPAN interview program. In *Booknotes: Life Stories*, Lamb takes an intimate look with our favorite biographers at the historical figures they've devoted their careers to portraying. The biographers featured here are as notable as their subjects: Doris Kearns Goodwin on Franklin and Eleanor Roosevelt, David McCullough on Harry Truman, David Herbert Donald on Abraham Lincoln, and Frank McCourt, Katherine Graham, and William F. Buckley on their own lives. Including full color photographs that enrich our appreciation of these biographical portraits, *Booknotes: Life Stories* is both important and addictive.

**Confederates in the Attic: Dispatches from the Unfinished Civil War, Tony Horwitz, Vintage (1999).** Pulitzer Prize-winner Tony Horwitz takes us on a 10-state adventure, from Gettysburg to Vicksburg, from Charleston graveyards to Tennessee taverns. Probing both the history of the Civil War and its potent echo in the present, Horwitz crafts an eloquent, fast-paced, and penetrating travelogue that shows us how the Lost Cause still resonates in the memory and rituals of the South.

▼ Note: University Bookstore's Third Annual National Poetry Month Reading will be Tuesday, April 13 at 7 p.m. It will include winners of the Middle School Contest, as well as members of the University Community reading poetry. Join us for a fun evening. For information, contact Krista Smith, 581-1700.

**SURPLUS SALE:** The University of Maine offers for sale, on an as-is, where-is basis, the following: (1) BOAT, MOTOR & TRAILER, open aluminum boat, 1994 Lund SV-16, 16' long, 20" transom, w/1995 Load Rite trailer and 1995 Yamaha C-25 hp outboard motor. Almost new, less than 25 hrs on the motor, freshwater only, \$4,000; (1) BOAT, MOTOR & TRAILER, open aluminum boat, 1991 Princecraft Resorter, 14'6" long, 15" transom, w/1990 EZ Loader trailer and 1991 Yamaha 15 hp outboard motor. Very good condition, freshwater only, \$2,750; (1) GRUMMAN CANOE, 19', with motor mount, good condition, \$450; (3) MAC POWERBOOK DUO 210 COMPUTERS, Laptop, 12 MB RAM, 80 MB HD, \$250 each; (4) MAC POWERBOOK DUO 230 COMPUTERS, Laptop, 12 MB RAM, 80 MB HD, \$250, (2) MAC SE(FD) COMPUTERS, 4 MB RAM, external 50 MB HD, \$40 each; (1) MAC SE 30 COMPUTER, 20 MB RAM, 160 MB HD, \$100. Off campus inquiries are welcome. Items generally sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Department, 581-2692 or Email: Logan@Maine.

#### PAYROLL OFFICE OFFERING INFORMATION ON SAVINGS BONDS

The University Payroll Office is sending out information regarding the payroll savings plan for U.S. Savings Bonds. Here are some reasons why you might make U.S. Savings Bonds your way to save:

- ▼ Competitive Return: The current semi-annual market-based rate is 4.60 percent.
- ▼ Tax Advantages: Interest earned is exempt from all state and local income taxes, not subject to federal income taxes until the bonds are cashed or reach final maturity in 30 years. Bonds may provide additional Tax savings when used to finance higher education.
- ▼ Liquidity: One of the best benefits of U.S. Savings Bonds is cash when you need it. You can cash them any time after six months from purchase.
- ▼ Guaranteed Safe: If lost, stolen or destroyed, Savings Bonds can be replaced without charge.

Purchased through the University's Payroll Savings Plan, Savings Bonds are one of the easiest, safest and most effective ways to build a nest egg. Even a little bit put away regularly will grow faster than you think.

The latest United States Savings Bonds/Notes Earnings Report and other useful information about savings bonds is available at Public Debt's Internet Website: [www.savingsbonds.gov](http://www.savingsbonds.gov). Download the Savings Bond Wizard, an easy-to-use program that lets you keep track of your savings bonds and calculate the value of your portfolio.

#### UNIVERSITY GROUP HEALTH PLAN TO CHANGE

The University of Maine's contract with NYLCare to insure the Group Health Plan expires June 30. Since Jan. 1, 1998 when UMaine began the current contract with NYLCare, claims have exceeded the premium amounts due to NYLCare. This means that the University has been protected from a large cost increase that it would have had to pay if it was self-insured. However, it also means that NYLCare has lost money on the plan. As a result, if the University to renew its current agreement with NYLCare, it would experience an enormous rate increase.

In order to ensure that UMaine is getting the best price for the plan, a request for proposals was issued to the insurers that are active in managed care plans in Maine.

Through the bid process, the University worked very hard to keep the rate increase as low as possible. However, the final low bid from Blue Cross/Blue Shield represents a \$5.2 million increase in the cost of health-care for the System. This means the University will need to consider actions to cover this cost increase, such as:

- ▼ reallocation of University resources from other purposes
- ▼ changes in the plan design
- ▼ changes to employee contributions through premiums, deductibles and co-pays
- ▼ use of the state appropriation and tuition increase

Changes that affect employees' benefits and costs generally require collective bargaining.

The University will transfer to Blue Cross/Blue Shield on July 1. To assist with this transition process, representatives from Blue Cross/Blue Shield of Maine will hold open meetings for employees on Wednesday, May 5 and Tuesday, May 11, 10 a.m.-noon, and 1-4 p.m. Employees will receive more information about these meetings shortly.

# Positions Available

*The qualifications within the listings below are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information. Guidelines for filling professional positions are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill form must be approved before posting in Maine Perspective.*

**Marine Extension Associate, Maine Sea Grant Program and Cooperative Extension.** Twelve-month appointment through 1/31/00, with position renewal contingent upon additional funding. Position will be based in southern Maine. Qualifications: Required: B.S. in marine ecology, coastal geology, marine resource economics, planning, or related fields. Computer proficiency and strong skills in written and oral communication, group and community facilitation skills, and ability to give informal presentations to groups. Ability to travel extensively, normally requiring a valid Maine State driver's license. Preferred: Advanced degree or five years of outreach or community development experience in these fields. Substantial experience in community development, applied science or policy work, as well as experience as an outreach educator in these or related areas. Salary Range: \$27,000-\$32,000, depending on experience and qualifications. Review of Applications: Will begin 4/23/99. Position Available: At the time the offer is made. Contact: Send letter of interest, resume, three writing samples and names/addresses of three references to: Search Committee, c/o Sea Grant Extension, University of Maine, Room #14, 5715 Coburn Hall, Orono, ME 04469-5715. Call (207) 581-1440 to request complete job description.

**Director of Franco-American Studies.** Tenure-track position (nine months, plus one month summer salary) at the Assistant or Associate level. Rank will be dependent on qualifications and experience, with joint appointment in Franco-American Studies and a department of the applicant's specialization. Qualifications: Earned doctorate or other terminal degree by start date. Must be bilingual and bicultural in French and English with experience in teaching and research related to North American French studies and in working with North American French minority communities. Leadership, administrative, and grant-writing skills are desirable. Review of Applications: Will begin 4/26/99 and continue until position is filled. Start Date: Fall 1999. Contact: Send C.V., letter describing preparation, interest, and philosophy for the position, samples of research and teaching effectiveness, and three letters of reference to: Chair, Search Committee, Franco American Centre, 164 College Ave., Orono, ME 04473-1512. For additional information, visit Website [www.umaine.edu/hr/jobs](http://www.umaine.edu/hr/jobs) or contact Kristin Langellier, Chair of Academic Council in Franco American Studies, (207) 581-1942 or [Kristin@Maine.edu](mailto:Kristin@Maine.edu).

**Early Childhood Project Specialist. SEARCH EXTENDED. Center for Community Inclusion, UAP.** Full-time, fiscal-year appointment contingent upon external funding. Qualifications: Required: Bachelor's degree and demonstrated experience working in inclusive infant, toddler and/or preschool care (Early Head Start Head Start, childcare homes and early childhood and preschool programs). Excellent communication and organizational skills and ability to work collaboratively with other faculty/staff in the development of curricula and materials. Preferred: Master's degree in early childhood education, early childhood special education, early intervention or related field. Professional experience in providing child development associate (CDA) and continuing education programs to targeted professionals. Salary Range: \$28,000-\$32,000 based on education and experience. Review of Applications: Will continue until the position is filled. Contact: Send cover letter, curriculum vitae, three letters of recommendation, and transcripts to: Chair, Early Childhood Project Specialist, Center for Community Inclusion, UAP, University of Maine, 5717 Corbett Hall, Orono, ME 04469-5717.

**Assistant Professor (American Politics), Department of Political Science.** One-year replacement position (with the possibility of renewal of a second year, or being converted to tenure-track status). Normal teaching load is 2-3. Will share introductory American Government course, required of all majors, with teaching and research interests in political parties and/or the presidency. Qualifications: Ph.D. at the time of appointment is preferred, although will consider ABD's near completion of degree. Review of Applications: Will begin 5/1/99 and continue until the position is filled. Start Date: 9/1/99. Contact: Send letter of application, curriculum vitae, three letters of recommendation, and copies of teaching evaluations and publications, if available, to: Chair, American Politics Committee, University of Maine, Department of Political Science, Room 229, 5754 North Stevens Hall, Orono, ME 04469-5754.

**Research Scientist (Computer), Laboratory for Surface Science & Technology (LASST).** Professional, 1-year, soft money appointment in support of research programs and administrative activities. Renewal contingent upon funding. Qualifications: B.S. in computer science, electrical or computer engineering, physics, chemistry, materials science or other technical field; and/or experience and expertise in the areas of computer controlled instrumentation, networking, programming and interfacing with IBM-compatible PC's, Windows 95-98, and NT operating systems, and languages such as C++, Visual Basic, and Lab View; good verbal and written communication skills. Occasional after hours work may be required. Salary Range: \$30,000-\$35,000 depending on qualifications and experience. Review of Applications: will begin 4/15/99. Contact: Send resume and names of three references to: Director, LASST, University of Maine, 5764 Sawyer Research Center, Orono, ME 04469-5764.

**Lecturer (English as a Second Language), Intensive English Institute.** Full-time, fiscal-year appointment, contingent on funding, teaching 3 courses per term (15 hrs/wk) and contributing to program development (25%). Qualifications: M.A. in TESOL or related field with demonstrated successful ESL/EFL teaching experience, including EAP and TOEFL prep at the university level, intercultural experience and sensitivity, preferably 2nd language proficiency; demonstrated program/curriculum development or advising experience, excellent organizational and writing skills; and achievement in one or more of: teacher training, curriculum and materials development preferably in pre-MBA and Business English, or CALL and/or self-study/language lab supervision. Review of Applications: Will begin 4/27/99. Start Date: No later than 7/1/99. Contact: Send letter of interest, curriculum vita, 3 letters of recommendation, and samples of related original work to: Janis Williamson, Intensive English Institute, University of Maine, 5732 Hannibal Hamlin Hall, Orono, ME 04469-5732. For more detailed information: Tel: (207) 581-3821; Fax (207) 581-3803; E-mail: [umiei@maine.maine.edu](mailto:umiei@maine.maine.edu) or website: [www.ume.maine.edu/~iei](http://www.ume.maine.edu/~iei)

**Inclusive Education Coordinator, Center for Community Inclusion, UAP.** Full-time, fiscal-year appointment with renewal contingent upon external funding. Qualifications: Required: Master's degree in education or special education and demonstrated knowledge of, and experience with, current practices in education reform and inclusive education of students, including students with severe disabilities. Demonstrated commitment to creating and supporting educational reform efforts, including inclusive educational practices through demonstrated leadership in teaching and/or administration; and excellent communication skills and interpersonal skills. Extensive in state and occasional out of state travel is required, typically requiring a valid driver's license, in order to perform the essential functions of the position. Preferred: Doctorate in education or special education. Experience providing training and technical assistance, disseminating information to diverse audiences, and knowledge of systems change activities, including the provision of staff development, evaluation, grant/project coordination. Salary Range: \$34,000-\$38,000, based on education and experience. Review of Applications: Will begin 4/15/99 and continue until the position is filled. Contact: Send cover letter, curriculum vitae, three letters of recommendation, and transcripts to: Chair, Inclusive Education Coordinator Search Committee, Center for Community Inclusion, UAP, University of Maine, 5717 Corbett Hall, Orono, ME 04469-5717.

*The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, jobs are full-time and the address for the application information is: the contact person listed, department, University of Maine, Orono, ME 04469.*

## AAUW ANNUAL USED BOOK SALE

The annual used book sale sponsored by the local AAUW will be held Saturday, April 24, 9 a.m.-3 p.m., in the vestry of the Church of Universal Fellowship, Orono. The name of this branch was recently changed from Orono-Old Town to the Penobscot Valley Branch. Co-chairs Barbara Nichols and Janet Warnert welcome book donations, which may be left at the book drop at the Orono Public Library or brought to the church 9 a.m.-3 p.m. Wednesday-Friday, the days before the sale. Proceeds from the book sale support the organization's educational goals. For further information, call 866-5732.

**Sponsored Programs**

**National Science Foundation's Course, Curriculum, and Laboratory Improvement Grants** strengthen the quality of undergraduate science, mathematics, engineering, and technology education for all students. Eligible activities include development of educational materials; adaptation, implementation, or dissemination of exemplary materials or practices; and multidisciplinary faculty development. Equipment-only proposals are also accepted. Deadline: June 7.

Rolex calls for applications for **Rolex Awards for Enterprise** in the year 2000. Awards are made to individuals to demonstrate enterprise in advancing human knowledge and well-being by carrying out projects in five fields: science and medicine, technology and innovation, exploration and discovery, the environment, and cultural heritage.  
Deadline: July 31.