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## Maine Perspective, v 10, i 14

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Photo by Kathryn Rice

## Survey Offers Insight Into the Graduate Student Experience at the University of Maine

For most UMaine graduate students, the quality of their academic program is the most important aspect of their University of Maine experience. Helpful professors and advisors, supportive relationships with peers, and the high quality of their academic programs are the most-cited reasons for satisfaction, according to the recently released results of the Survey on the University of Maine Graduate Student Experience.

The impetus for the survey was a report issued in spring 1997 by an external consulting group evaluating the Office of Equal Opportunity. The report raised concerns that the climate for graduate student women could be hostile and that graduate women received more negative treatment than their male peers. That fall, the President's Council on Women agreed to examine the issue as one of its top priorities.

In order to better understand the situation, the President's Council on Women and the Graduate School cooperatively created the Survey on the University of Maine Graduate Student Experience using surveys administered at other universities as an example. The survey was distributed to a stratified random sample of 400 graduate students – 25 percent of UMaine's graduate population. More than 280 graduate students – 70 percent – responded, a very high rate for a comprehensive survey.

The survey results indicate that female and male students generally have the same quality experience. Female graduate students tend to be as satisfied and, in many cases, more satisfied, than male students with their overall graduate

experience at UMaine. However, not all of the results were positive. Many graduate women experience incidents where they are made to feel uncomfortable around their faculty and peers.

"The survey confirmed what we suspected. For most people, good things are happening at UMaine

*continued on page 15*

## Plan Calls for UMaine's Cultural Outreach to be Expanded, Enhanced

A plan called for in BearWorks to broaden statewide involvement in UMaine's visual and performing arts has the potential to heighten visibility, expand offerings and strengthen the unified identity of the University's cultural community.

"We interpret this section of BearWorks as an opportunity to highlight the institution's cultural aspects, raising the awareness of the campus and

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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.*

# Collins, Throckmorton Named UMaine Commencement Speakers

Sen. Susan Collins and Bangor Theological Seminary President Ansley Throckmorton will address the University of Maine's 194th Commencement ceremonies May 8 in Alford Sports Arena.

Collins will speak to the 10:30 a.m. ceremony for students in the College of Business, Public Policy and Health; the College of Liberal Arts and Sciences; and the Division of Lifelong Learning.

The Caribou native is the 15th woman in history elected to the U.S. Senate. Collins serves on the Labor and Human Resources Committee, the Governmental Affairs Committee and the Special Committee on Aging. She is the first freshman lawmaker and the first woman to chair the Governmental Affairs Committee's Permanent Subcommittee on Investigations.

Throckmorton will address the 2:30 p.m. ceremony for graduates in the Colleges of Engineering; Education and Human Development; and Natural Sciences, Forestry and Agriculture.

The eighth president of Bangor Theological Seminary, Throckmorton is the first woman to serve in that office, and has used her time to strengthen the life of the institution, both academically and financially. For the past 35 years, she has served as role model, counselor, mentor and guide for many women involved in church life in Maine. An ordained minister, Throckmorton previously served as general secretary in the Division of Education and Publication with the United Church Board for Homeland Ministries, United Church of Christ.

## Bureau of Labor Education Turns Its Attention to the Academic Workplace

The academic workplace is changing, and the rapid pace of the transformation makes it difficult to assess the implications of the changes for faculty and students, according to a new report by the UMaine Bureau of Labor Education.

In its report, "Developments and Trends in the Academic Workplace," the Bureau has compiled data on the state and national levels concerning matters that have had the most pronounced impact on higher education in the past year. After a brief survey of trends in faculty salaries and fringe benefits packages, the report goes on to discuss the most controversial issues in academia today: distance education, corporate partnerships, use of part-time faculty, and the future of tenure. Faculty rights to the copyright of their course content is perhaps the most important issue discussed.

The report marks the first time the Bureau in its 33-year history has extensively studied the academic workplace.

"From our perspective, we are interested in students as tomorrow's labor force, and in the vocation of teaching and those working in the academic environment. As skilled tradespersons, faculty ought to be very concerned about the future of their craft and what that ultimately means for their students," says John Hanson, the Bureau's director.

"The Bureau's job always has been to bring a different perspective to workplace issues," Hanson says. "We're trying to raise questions that are not being addressed openly and in a

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### MAINE PERSPECTIVE PUBLISHING SCHEDULE

The spring publication schedule of *Maine Perspective* is:  
April 9 (copy deadline March 26) and April 23 (copy deadline April 9).  
Monthly summer editions of *Maine Perspective* will begin May 14.

Throckmorton is one of two honorary degree recipients this May. Also being honored is Ted Mitchell, director of the Wabanaki Center and faculty associate in anthropology, who retired from the University Jan. 2 after 25 years of service.

Mitchell, a Penobscot, was the first guidance counselor on Indian Island. He began coordinating UMaine's minority student programming in 1974. In his career, Mitchell championed educational opportunities for Native youth and helped draft many of Maine's policies about Wabanaki education. As an advocate for Wabanaki education for students at all academic grade levels, he worked to build and sustain relationships between schools, Native communities and the University of Maine.

The creation of the Native American Programs – with the establishment of the Wabanaki Center and implementation of Native American Studies – was the fulfillment of Mitchell's life-long dream and his commitment to making his alma mater a multicultural and pluralistic educational community. ▲



Irv Kornfield was recognized March 10 by the Maine Legislature for having been named the Carnegie Foundation's Maine Professor of the Year for 1998. The legislation calling for the recognition was sponsored by Rep. Christina Baker, Sen. Mary Cathcart, Rep. Kathleen Stevens and Sen. Robert Murray. Pictured here are, left to right, UMaine President Peter Hoff, Sen. Cathcart, Kornfield and his wife, Tori, and Rep. Baker. Kornfield, professor of zoology, is UMaine's 1997 Distinguished Maine Professor.

*Photo by Monty Rand*

## 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.

## MARCH 26 – APRIL 14

### 26 Friday

**Jazz TGIF with the UMaine Jazz Combo**, offered by the Union Board, 12:15 p.m., March 26, Damn Yankee. x4194.

**Women's History Celebration Community Soup Supper**, 5:30-7 p.m., March 26, Dunn Hall Lounge. x1228.

**"Franco-American Women - Pillars of Survivance,"** by Claire Quintal, founder and director of the French Institute and professor of French, Assumption College, part of the Women's History Celebration, 7 p.m., March 26, 115 Dunn Hall. x1228.

**"Moon Shadows,"** a Planetarium show, 7 p.m., March 26, Wingate Hall. Admission fee. x1341.

### 27 Saturday

**"Animal Puzzles,"** a Hudson Museum Just for Kids program, 10 a.m., March 27, Maine Center for the Arts. Admission fee. x1901.

### 29 Monday

**"Poverty Continues to Plague Women and Families in Maine: Working for Progressive Welfare Policies in This Conservative Era,"** by Sandy Butler, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies and the Women's History Celebration, 12:15-1:30 p.m., March 29, 109 Corbett Business Building. x2609.

**End of Second Third of Semester for Withdrawals**, 4:30 p.m., March 29.

### 30 Tuesday

**Registration for Fall 1999 Begins**, March 30.

**"Gender Issues and the Graduate Experience at UMaine: Results of the Fall 1998 Survey,"** with Sandy Caron, Scott Delcourt, Sean Murphy and Tina Roberts, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., March 30, 109 Corbett Business Building. x1228.

**Open Community Hour with Vice President for Student Affairs Candidate Randy Hyman**, associate vice president for Student Affairs, Ball State University, 3-4 p.m., March 30, Lynch Room, Fogler Library.

**"Fighting Fair with Friends (& Others),"** an interactive workshop on useful communication/relationship skills, presented by Campus Mediation, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 4-5 p.m., March 30, 202 Shibles Hall. x2609.

**"James Loewen: Face to Face,"** by class book author James Loewen, coordinated by the English Department, 4 p.m., March 30, Bangor Lounge, Union.

The March 30 dinner with class book author James Loewen will be held in Fogler Library. The Lynch Room, the Learning Materials Center, and the adjacent study area on the second floor will be closed to the public 5-8:30 p.m.

**Sleeping Beauty**, performed by the Russian National Ballet Company, part of the Maine Center for the Arts performance season, 7 p.m., March 30, Hutchins Concert Hall. Admission fee. x1755.

**"Writing Lies, Reading Lies: The Making of Lies My Teacher Told Me and the Effects It Has Had,"** by class book author James Loewen, coordinated by the English Department, 7:30 p.m., March 30, 101 Neville Hall. Followed by reception and booksigning.

### 31 Wednesday

**PowerPoint, Inter**, an IT Windows Workshop, 10 a.m.-noon, March 31, Dunn Hall Lab. Admission fee. x1649.

**"IGF (Insulin-like Growth Factors) and Chronic Diseases: A New Perspective,"** by Cliff Rosen, Maine Center for Osteoporosis Research and Education, part of the Department of Biochemistry, Microbiology and Molecular Biology Seminar Series, 3:10 p.m., March 31, 113 Hitchner Hall.

**Faculty Senate meeting**, 3:15 p.m., March 31, Mahogany Room, Wells Conference Center. x1167.

**"Hands-on Therapy: Activities and Materials,"** by Lynne Plourde, speech-language pathologist, part of the Communication Sciences and Disorders Colloquium Series, 5-6:15 p.m., March 31, 100 Neville Hall. x2003.

**"Two Spirited People: A Native American Woman Looks at Identity,"** by Alexandria Wilson, a member of the Opaskwayak Cree Nation and a Harvard doctoral student in education, part of the Women's History

Celebration, 7 p.m., March 31, Mahogany Room. x1228.

**Athena Consort Spring Concert**, part of the School of Performing Arts season, 7:30 p.m., March 31, Minsky Recital Hall. Admission fee. x1755.

### 1 Thursday

**"Revisiting Vietnam,"** with Tony Brinkley; Ngo Vinh Long; Bob Whelan; Doug Allen; Vietnam veteran Donna Loring; and Peter Thibeault, manager of the Vietnam Project, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., April 1, 117 Corbett Business Building.

**Open Community Hour with Vice President for Student Affairs Candidate Richard Chapman**, dean of students, Bucknell University, 3-4 p.m., April 1, Lynch Room, Fogler Library.

**Readings by Poets from SpiritWords**, a Maine Writers' Collaborative, featuring Minnie Bowden, Rick Doyle, Rhea Côté Robbins, Patricia Ranzoni and George Andrews-Nicola Tomer, offered by the English Department, 3:30 p.m., April 1, 402 Neville Hall. x3618.

**Manufacturing Consent**, part of the Peace and Justice Film Series, offered by MPAC, 7 p.m., April 1, Devino Auditorium, Corbett Business Building. x3860.

**Fifth Annual Orono Community Concert**, April 1, Minsky Recital Hall. 866-4916.

### 2 Friday

**Jazz TGIF with Tzena Tzena**, offered by the Union Board, 12:15 p.m., April 2, Damn Yankee. x4194.

**"The Experimental Ecology of Rare-Plant Reintroduction,"** by Richard Primack, Boston University, a Biological Sciences and Wildlife Ecology joint seminar, 3:10 p.m., April 2, 102 Murray Hall. x2549.

**Retirement Ceremony for ROTC's SFC Jeffery Jones**, 4 p.m., April 2, 114 Memorial Gym. x1121.

### 3 Saturday

**13th Annual Easter Egg Hunt**, offered by the University Credit Union and Orono Recreation Department, 10 a.m., April 3, Asa Adams School.

# 5 Monday

**"An Indigenous Perspective on Conflict and Peace,"** by Edward Levy, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., April 5, 109 Corbett Business Building. x2609.

**"Thinking Positively: Main(e) Hope,"** by C.R. Snyder, professor and director of clinical training, University of Kansas, offered by Psi Chi, the psychology national honor society, 3:20 p.m., April 5, 117 Corbett Business Building. x2052.

**"The Fight for Jobs in Maine's North Woods: A Conversation with Loggers, Legislators and Landowners,"** with Bill Butler, former woods worker and current labor and environmental activist; Rep. John Baldacci; and John Hanson, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 3:30-5 p.m., April 5, 107 Corbett Business Building. x2609.

**Lecture/Performance by the Guerrilla Girls,** offered by Women in the Curriculum, 7 p.m., April 5,

Devino Auditorium, Corbett Business Building. x1228.

# 6 Tuesday

**Chamber Music Spring Recital,** part of the School of Performing Arts season, 7:30 p.m., April 6, Minsky Recital Hall. Admission fee. x1755.

# 7 Wednesday

**Access, Reports,** an IT Windows Workshop, 10 a.m.-noon, April 7, Dunn Hall Lab. Admission fee. x1649.

**"Smart Choices: Healthy Living Throughout the Lifecycle,"** a World Health Day observance featuring nutrition and health information, and a raffle, 11 a.m.-1 p.m., April 7, Union lobby. x4375.

**"I Thought I Was Done': Grandparents Who Parent,"** with Mary Ellen Camire, Cheryl Chessa, Maureen Smith and Gail Werrbach, part of the Women in the Curriculum and Women's Studies Program

Lunch Series, 12:30-1:45 p.m., April 7, 109 Corbett Business Building. x1228.

**"Exploring Genome Landscapes,"** by Carol Bult, part of the Department of Biochemistry, Microbiology and Molecular Biology Seminar Series, 3:10 p.m., April 7, 113 Hitchner Hall.

# 8 Thursday

**Registration for Fall 1999 Ends,** April 8.

**"Gendered Stereotypes: Women's Experiences at the Ravensbruck Concentration Camps,"** by Christine Holden, history, University of Southern Maine, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., April 8, 117 Corbett Business Building. x3860.

**"Facing Evil at the Turning of the Millennium,"** by Daniel Conway, professor of philosophy, Penn State University, a Department of Philosophy Distinguished Visiting Scholar, April 8. x3866.

**"A Darwinian Evening with Richard Dawkins,"** featuring Richard Dawkins, the Charles Simonyi Professor of the Public Understanding of Science, University of Oxford, and author of *The Selfish Gene* and *The Blind Watchmaker*, offered by the Evolution Journal Club, 7 p.m., April 8, Maine Center for the Arts. x2539.

**My Father's Garden,** part of the Peace and Justice Film Series, offered by MPAC, 7 p.m., April 8, Devino Auditorium, Corbett Business Building. x3860.

**Poetry Reading by Constance Hunting,** offered by Friends of Fogler Library, 3:30 p.m., April 8, Special Collections, Fogler Library. Refreshments. x1696.

**Performance by the Jennifer Tefft Band,** offered by the Union Board, 9 p.m., April 8, Bear's Den. Admission fee. x1734.

# 9 Friday

**"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. x4194.

**"Ecology of Urchins and Soft Corals in Australia,"** 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.

# 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.

## Ongoing Events

### Campuswide Events

**Women's History Celebration,** March 16-April 5.

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

### Entertainment

**subUrbia,** directed by Gary Brown, part of the Maine Masque season, 7:30 p.m., April 8-10; 2 p.m., April 10-11, Hauck Auditorium. Admission fee. x1755.

### Exhibits/Demonstrations/Tours

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

**Sumner 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.



# 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.

**"How You See Me, How I See You,"** 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.

**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. x1121.

**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

**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.

## GRADUATE STUDENT RECOGNITION CEREMONY

The Recognition Ceremony for graduating master's, CAS and doctoral students will be Friday, May 7, 4 p.m., Maine Center for the Arts. A reception will follow in the Damn Yankee. Students who have not responded and plan to attend this event should contact the Graduate School, 2 Winslow Hall, x3217. Regalia is required and may be purchased in the Bookstore. Please arrive at the Maine Center for the Arts by 2:45 p.m.

## Oral Exams

**"Polycyclic Aromatic Hydrocarbon (PAH) Solubility in the Lugworm's (*Arenicola marina*) Digestive Fluids,"** by Ian Voparil, candidate for master's degree in oceanography, 2 p.m., March 26, Kresge Classroom, Darling Center.

**"Spatio-Temporal Reasoning About Change: An Identity-Based Approach,"** by Kathleen Hornsby, candidate for Ph.D. in spatial information science and engineering, 3 p.m., March 30, 336 Boardman Hall.

**"The Balance and Alteration of the Negotiating Power of Women in Divorce Mediation,"** by Lynda Doyle, candidate for Ed.D. in counselor education, 9 a.m., April 1, 101 Shibles Hall.

**"Application of 2,3-Dihydroxybenzoic Acid to Bleach Hardwood Kraft Pulp Utilizing the Non-Enzymatic Wood Decay Mechanism of Brown-rot Fungi,"** by Eileen Kutscha, candidate for master's degree in chemical engineering, 10:30 a.m., April 1, Soderberg Center, Jenness Hall.

**"The Content and Process of Women's Decision Making Viewed Through the Lenses of Feminine/Feminist Ethics and Roman Catholicism,"** by Nancy Parent Bancroft, candidate for individualized Ph.D., 10 a.m., April 5, second floor conference room, Dunn Hall.

**"The Influence of the Coating and the Properties on the Ink Setting Rate on Coated Paper,"** by Daphne Dessumaux, candidate for Ph.D. in chemical engineering, 1:30 p.m., April 6, Soderberg Center, Jenness Hall.

## Look Who's On Campus

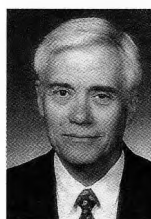
A lecture/ performance by the **GUERRILLA GIRLS** will be 7 p.m., April 5, 100 Corbett Business Building. The Guerrilla Girls is a group of women artists and arts professionals who protest gender and racial discrimination with posters, printed projects and actions. Dubbing themselves the conscience of the art world, they claim to be the feminist counterparts to the mostly male tradition of anonymous do-gooders like Robin Hood, Batman and the Lone Ranger.



**DON HOLDER**, the UMaine forestry graduate who designed the lighting for one of the most popular shows on Broadway, will visit the campus March 29-April 2 to speak with students and the public about his award-winning work. Holder, Class of 1980, won a Tony award last year for his lighting work on *The Lion King*, the Disney stage production based on the 1994 animated film. Holder will spend most of his time on campus meeting with theater classes. March 29, he will visit the Stage

Lighting and Theater Sound class in Hauck Auditorium for a master class session in lighting. The next day, he will meet with two different theater classes to discuss theater practice and lighting challenges presented by masked actors. March 30, Holder will give a public presentation, "Creating *The Lion King*," beginning at 6 p.m., 101 Neville Hall. Holder now splits his time between theater and architectural lighting. He designed the lighting for the American Smithsonian Exhibition, the largest traveling museum ever constructed, which toured nine U.S. cities. Holder also assisted in the lighting of the Sony Plaza in Manhattan. Currently, he is working on lighting designs for a theater production of *The Lion King* in Osaka, Japan and the new August Wilson play that is touring regional theaters in the U.S.

**C.R. SNYDER**, professor and director of clinical training at the University of Kansas, will speak Monday, April 5, 3:20 p.m., 117 Corbett Business Building on "Thinking Positively: Main(e) Hope." Snyder will present his new theory of hope, describing how it differs from other concepts, how it develops in children, how it is destroyed in children and adults, how hope can be measured, how it relates to various life outcomes, how hope can be fostered, and how hope is central to our viability. Snyder is the author of 17 books, 45 chapters, more than 100 articles, and has received 32 grants. He has written about the Barnum effect, uniqueness, excuses, and reality negotiation. Snyder has received numerous teaching awards, consistently focusing on the positive influences on human behavior.



**DEAN SNOW**, professor and chair of the Department of Anthropology at Penn State University, will speak at 3:30 p.m., April 16 on "Ethnic Survival in North America: The Penobscot and Iroquois." Snow was a UMaine assistant professor of anthropology from 1966-69 before heading to the State University of New York at Albany and then Penn State in 1995. While in Maine, he received two NSF grants for an archaeological survey and excavation of two prehistoric sites. Through the years, Snow's research has moved from excavation sites in Passadumkeag to the Mohawk Valley. In addition to being an expert on the Iroquois, Snow has published extensively on the archaeology of North American Indians.

## Gallery Glimpses

### Student Art Juried Exhibition

The Museum of Art will host its annual juried student exhibition April 9-30. Juried by Mark Bessire, director of the Institute of Contemporary Art at the Maine College of Art, the exhibit of works by Department of Art students will provide an overview of the quality and breadth of student artistic talent through a variety of media.

An opening reception will be Friday, April 9, 5-7 p.m., Carnegie Hall.

## People in Perspective

Assistant Director of Financial Aid Helen Violette has helped hundreds of students in her 20 years at UMaine. One of the students she remembers most came to see her a decade ago.

"She was a student who was so upset and frustrated by the whole process that she began swearing at me," says Violette. "We sat and talked and got things straightened out. In the course of her career here, we developed a respect for each other. When we'd meet, she'd share pictures of her child and talk of what she was doing. It was great to see a student who had such a rocky start move on to get her undergraduate and graduate degrees. I realized that if I had acted differently on that day, I could have changed the course of her life."

That potential to make a difference in the lives of students is what has kept Violette working in financial aid.

"New students are coming and going every year. I get to see them start as freshmen and progress to get their degrees. I work with them, their brothers and sisters. And at this point in my life, I could be seeing their children," Violette says.

Violette joined the Financial Aid Office in Wingate Hall in 1978 as a clerk typist. Prior to joining the University community, she worked as a secretary to the vice president of Penobscot Shoe Co., in Old Town.

"This is where I thought I would always like to be," says the Old Town native. "A position was open in Financial Aid and it turned out to be just the right fit all these years."

Violette has the longest tenure of anyone on the Financial Aid staff. When she started, the office was equipped with one computer for the staff to share. Financial aid applications were in tripli-

cate, and different forms were required for the various agencies.

Twenty years ago, the primary sources of student financial aid were loans and Pell Grants, augmented by some institutional and federal funding. "Over the years, more students have been receiving financial aid," says Violette. "The University has made a greater financial commitment to aid students, with more grants and scholarships available for those students who need them. The government also is putting greater emphasis on grants for students."

Today, the financial aid application process is much less complicated for students, she says. It is facilitated by such features as electronic processing of information from one nearly universal financial aid application form. "That has cut the application response time from two months to two to four weeks from start to finish," Violette says.

While the application process is more student-friendly, it remains complex for financial aid officers. The Financial Aid Office has specialized staff members addressing areas ranging from student loans and scholarships to file maintenance.

As assistant director of financial aid, Violette spends more than 50 percent of her time monitoring the financial aid status of student-athletes. That includes coordinating all the institutional, federal and state regulations concerning financial assistance in relation to NCAA compliance and eligibility, working in concert with students, coaches and athletics administrators.

"While each of us may be specialized in one area or another of financial aid,



Helen Violette

Photo by Kathryn Rice

we know we have to look at the whole picture," says Violette. "Everyone is a part of the quality service required to do the best for every student. We lean on each other a lot."

Customer service has long been a top priority for the Financial Aid Office. A new customer service model debuted last fall with an emphasis on student accessibility to both aid and financial aid experts who can help most. The goal is "to more efficiently meet the needs of all students, while at the same time being empathic to their individual needs," Violette says.

"This is an institution that truly is representative of Maine and how people should be treated," Violette says.

### Faculty, staff and students are invited to make nominations for the UNIVERSITY OF MAINE OUTSTANDING ACHIEVEMENT AWARD

The University of Maine Outstanding Achievement Award for non-academic endeavors is presented to up to 12 students, undergraduate or graduate, who have demonstrated outstanding leadership in community service, campus citizenship, athletic achievement, and arts and communication media, and in so doing have enriched the University community.

These awards will be presented to students who received degrees or who anticipate receiving degrees in May, August or December 1999.

- ▼ Community Service - public service in a broad sense, either on or off campus.
- ▼ Campus Citizenship - student government, organizational leadership, creative activism.
- ▼ Athletic Achievement.

- ▼ Arts and Communication Media - graphic arts, language arts, music, theatre arts, and/or media (print and/or electronic).

#### Deadline: NOON, FRIDAY, APRIL 9

Application forms can be downloaded from our FirstClass conference (go to "Campus Connection," under University Organizations, "Students Community Life" folder) or use the electronic form at [www.umaine.edu/studentaffairs/oaapp.htm](http://www.umaine.edu/studentaffairs/oaapp.htm)

Application forms can also be picked up and returned together with a letter of nomination or endorsement to the Center for Students and Community Life, Attn. Dwight Rideout, Dean of Students and Community Life, Third Floor, Memorial Union (x1406).

# Center Stage

## School of Performing Arts

### A Variety of Instrumentation

Baroque, Romantic and Classical offerings highlight this spring's Chamber Music Recital, beginning at 7:30 p.m., Tuesday, April 6, Minsky Recital Hall.

The program features a variety of instrumentation. Performing themes from the opera *Rienzi* by Richard Wagner and Suite from the *Water Music* by G.F. Handel will be Maria Broy and Christina Lamare, trumpet; Emily Mathieu, horn; and Daniel Labonte, trombone.

W.F. Bach's *Trio* will feature Katrina Morgner and Kerin Casey on flute, with Peggy Jo Wilhelm on harpsichord.

*Sonata III* by Pietro Boni will be performed by Clay Enos, violoncello; Ben Gates, double bass; and Jennifer Moore, piano.

A Mozart duo will be offered by Amanda Reynolds, viola and Anatole Wieck, violin.

Violinists Nicole Bartolotti and Melissa Bragdon, with pianist Eva Robinson will perform J.S. Bach's Concerto in D minor, No. 3 for two violins.

Trio in B-Flat Major, Op. 1, No. 4 by Joseph Myslivecek will feature Kyla Welch on flute and Robert Burns on violin, with pianist Ginger Yang Hwalek. *Pavane* by Maurice Ravel will be performed by trombonists Daniel Labonte, Zach Lampron and Michael Peterson, with Fred Heath.

Beethoven's Trio in C minor, Op. 1, No. 3 will be played by Amanda Cushman, violin; Chris Bailey, violoncello; and Juraj Kojs, piano.

Faculty coaches are Laura Artesani, Fred Heath, Susan Heath, Ginger Yang Hwalek, Diane Roscetti, Phillip Silver, Joshua Whitehouse and Anatole Wieck.

### Music by or for Women

The University of Maine's Athena Consort, a select singing group of 22 women, will perform its spring concert on Wednesday, March 31, at 7:30 p.m. in Minsky Recital Hall.

Directed by Instructor of Music Francis John Vogt, the Athena Consort will perform a varied repertoire of music composed for or by women. Included in the recital will be works by Hildegard von Bingen, the medieval mystic, scientist, poet and composer; Emma Lou Diemer and Libby Larson. The ensemble will also perform a medley of music from operas, musicals, theater and films.

Vogt will be joined by assistant conductor Michelle Fogg, a junior majoring in music education.

### Youth Ballet Appears with Orchestra

The Bangor Youth Ballet will join the University of Maine Orchestra for a concert to celebrate French culture Sunday, April 11, 2 p.m., Minsky Recital Hall.

On the program are Mozart's Symphony in G minor, No. 40, Mouret's *Suite Symphonique* and *L'Arlesienne Suite* by Bizet.

The Orchestra is conducted by Anatole Wieck. Choreography of the Youth Ballet is by Heinrick Snyder.



Tension escalates as old friends and new acquaintances sort out their sometimes violent relationships in the gritty, contemporary drama, *subUrbia*, by Eric Bogosian. The Maine Masque production, directed by graduate student Gary Brown, will be performed April 8-10 at 7:30 p.m., April 10-11 at 2 p.m., Hauck Auditorium. The cast of *subUrbia* is, back row, left to right, Craig Bowden, Michelle McCue, Michel Huppe, Tim Simons, Michelle McCan and Andrea Hepworth; front row, seated left to right, Allison Bowler, David Currier and Mark Mercier. Tickets are available by calling the Maine Center for the Arts Box Office, 581-1755.

## Myths and Truths a Focus of Disability Awareness Days

Bringing people with disabilities and their services to the forefront of the University community's consciousness is the focus of Disability Awareness Days, April 12-13.

"When it comes to disabilities, the greatest barriers on this campus continue to be attitudinal," says Ann Smith, coordinator of services for students with disabilities at UMaine. "There are still a lot of negative stereotypes, to the point that some students with disabilities are not willing to go 'public.'"

One of the ways organizers of the Awareness Days hope to foster greater understanding in the community is by posting life-size photographs of people with disabilities at the entrances of a handful of main buildings on campus. Affixed to each of the black-and-white cut-outs will be short text panels revealing a myth and a truth about disabilities. The photo panels will be of UMaine students with disabilities. All but one will be back-to-shots because most students with disabilities are concerned about the stigma, discrimination and general lack of understanding they often face.

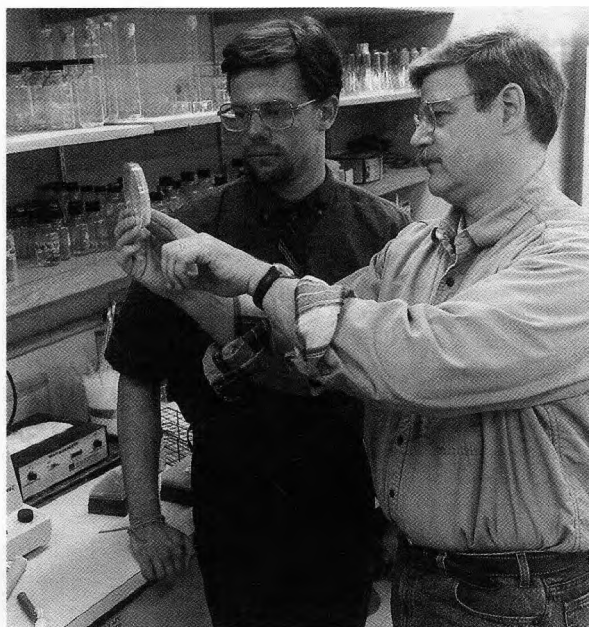


Ann Smith with some of the student volunteers

*continued on page 19*



# Wrestling with Greatness



Donald Smith and John Singer

**D**onald Smith is about to body slam the Ivy League. After what is being characterized as an outstanding four years in the sciences, the UMaine highest honors student will receive a B.S. degree in microbiology this May.

As a sophomore, Smith began working in the research labs of faculty in the Department of Biochemistry, Microbiology and Molecular Biology. For the past four semesters, he has been a teaching assistant, leading classes in Organic Chemistry Laboratory, and all the while maintaining a 3.92 GPA in his coursework.

This year he applied to eight graduate schools offering doctoral programs in microbiology, immunology or molecular biology. He is headed to a doctoral program at Harvard University and will have a full stipend for six years.

"He is an excellent science student, one of the two best I've had in my laboratory in 14 years," says John Singer, chair of the Department of Biochemistry, Microbiology and Molecular Biology. "Last year it was Daniela Starcevic from Croatia, the Class of 1998 Salutatorian who entered a Ph.D. program at Yale University in microbiology and immunology. This year it's Don. They were the two best in terms of their preparation for a scientific career, and seemed to excel at everything they did."

Smith has always had an interest in science, probably stemming from his father's career as a computer programmer and an "armchair scientist." Smith's first and second college choices were MIT and Cornell. When he was not accepted by them, Smith came to UMaine. He didn't count on the opportunities he'd be offered here, and he never dreamed his younger sister would also attend the same University, based on his recommendation.

"I told her the University of Maine is a good place and that I liked the opportunities available here," says Smith of his sister, Karen, now a UMaine junior majoring in zoology. "It's a well-kept secret how good the academic programs are here. There aren't a lot of places where an undergraduate can spend five semesters involved in microbiology research and four semesters as a teaching assistant in organic chemistry."

Because of UMaine's small size and the quality of its faculty, there are many outstanding learning opportunities for undergraduates and graduate students in teaching, research and public service. In Smith's case, his extraordinary involvement in

research and teaching also had a lot to do with what faculty like John Singer saw in the budding scientist.

"I like the fact that there's stuff we can't see and there's so much out there, endless species of bacteria, viruses and yeast. And I don't have to touch a lot of large animals. I'm not good at that. I'm not cut out to be an M.D. or a vet. I'm going to be a Ph.D. teacher-researcher, still helping people, but doing it behind the scenes."

In John Singer's laboratory in Hitchner Hall, Smith spent the first two semesters doing gene mutation research. The third semester was devoted to work for Smith's honors thesis on the development of a vaccine for fish. The vaccine could one day be used in the aquaculture industry to passively immunize young fish, protecting them from a viral disease that usually attacks fry within the first few weeks of life. Such a vaccine has the potential to save millions in salmon and trout losses annually.

"I have learned a lot, not only in the lab but in teaching," says Smith. "I see what education is like from the other side of the mirror and it forces me to rethink. In addition, I'm learning to do real research, including a scientific paper I'm writing in the Honors Program. The research experience, including learning techniques and how to think as a scientist, helps for the rest of my career."

Smith also learned that things don't always work in the research lab. "You can ruin things by inexperience," he says. "Sometimes you have to sit and figure out what's going on. I'm pretty hard on myself. Being in Singer's lab has been incredible. A big part of my life. He took a big chance taking me as a sophomore with one course in microbiology and no research experience. He gave me confidence."

Smith says the role models in his life include his parents, "who taught me how to be a good person. I learned overall that I need other people," he says. "That's important, because I tend to be a loner and don't ask for help."

"Singer is a professional teacher with a professional attitude in the classroom. But outside, he understands that there's more of a person there, and I admire that. It's something a lot of teachers lack. I admire his work ethic. And the fact that he gave me the opportunity of a lifetime."

*continued on page 19*

# University of Maine Faculty Tenured and/or Promoted 1998-99



Office of  
The President

## THE UNIVERSITY OF MAINE

*The State's Center of Learning, Discovery and Service to the Public*

Dear Colleagues:

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

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

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

Sincerely

Peter S. Hoff

### Promoted to Professor

#### College of Education and Human Development



Edward Brazee has been promoted to professor of education. Brazee received an Ed.D. in curriculum and instruction from the University of Northern Colorado in 1975. He joined UMaine in 1986. His research focuses on middle level education, particularly curriculum development, parent involvement and school evaluation. Brazee works with schools in Maine and across the country on school assessment to improve middle level schools. He is involved in a comprehensive study of middle level schools in Maine and a series of seven resource units for middle school teachers being written for Time Warner's *Court TV*. Brazee's honors include the 1998 James P. Garvin Distinguished Service Award from the New England League of Middle Schools. He is associate editor for the National Middle School Association. Brazee particularly enjoys working with graduate students who are also practicing teachers in middle level schools.



Brenda Power has been promoted to professor of reading/language arts. Power received a Ph.D. in reading and writing instruction from the University of New Hampshire in 1988 and joined the UMaine faculty in 1990. Power's research specializations are elementary writing instruction and research methods for teachers. She has written or edited 10 books. Her work has been featured in many scholarly journals, as well as in national media outlets. She directed the "Reading

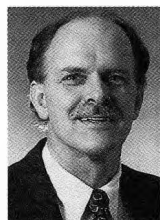
Stephen King" conference in 1996. A resource kit, including essays for parents and a CD-ROM that was co-authored with students in the 1997 master's in the art of teaching program, will be released next month. "What I'm enjoying most right now is moving my university courses from campus to local public schools," says Power. "It's energized my teaching to link students with master teachers at local sites who serve as mentors."

#### College of Engineering



Max Egenhofer has been promoted to professor of spatial information science and engineering. He received a Ph.D. in surveying engineering from UMaine in 1989. His current research focuses on development of methods and tools for improving knowledge about geographic phenomena. His goal is to advance the theory of geographic information science to enable the design of better and easier-to-use geographic information systems. Egenhofer described the theoretical frame-

work for this setting under the title of *Naive Geography*. He has received 29 research grants totaling \$5.4 million, 15 for which he is principal investigator. Since 1993, he has served as director of the National Center for Geographic Information and Analysis. In 1998, Egenhofer was named the College of Engineering's Libra Professor.



Harlan Onsrud has been promoted to professor of spatial information science and engineering. His research focuses on the analysis of legal, ethical and institutional issues affecting the creation and use of digital spatial databases and assessment of the social impacts of spatial technologies. A primary research goal is to observe the effects of law and information policy in action, particularly in spatial data environments, to provide directions for informed policy and law development. Onsrud received the Juris Doctor from the University of Wisconsin in 1982 and is a licensed professional engineer, land surveyor and attorney. While at UMaine, he has been PI or co-PI on 18 funded research grants totaling \$2.4 million. He currently serves on two special study committees of the National Research Council (NRC) and sits on the Mapping Science Committee of the NRC. He is also chief editor of the *URISA Journal*.

## College of Liberal Arts and Sciences



Susan McKay has been promoted to professor of physics. McKay joined the University community in 1986 and a year later received a Ph.D. in physics from Massachusetts Institute of Technology. Her research focuses on theoretical condensed matter physics, phase transitions in non-equilibrium systems, mechanics of pattern formation, non-linear systems and chaotic phenomena, spin glasses and amorphous magnetism. She has been an invited speaker at more than 20 professional meetings and departmental colloquia,

including the 1998 American Association of Physics Teachers National Meeting. Her research support includes funding from NSF, IBM and the American Association of University Women. The most appealing aspects of being a faculty member and department chair include the non-stop variety.



Linne Mooney has been promoted to professor of English. She received a Ph.D. in medieval studies at the University of Toronto in 1981 and joined the UMaine faculty in 1984. Mooney's research focuses on medieval English literature and manuscript studies. Her academic honors include an NEH research grant (1995-98). In 1992-93, she received a Visiting Fellowship at Corpus Christi College, Cambridge, and an NEH Fellowship for College Teachers and Independent Scholars. Mooney says the most appealing aspects of her

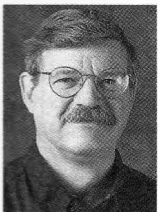
work involve making new research discoveries and sharing them with students and the intellectual community at-large.



John Sherblom has been promoted to professor of communication. He received a Ph.D. in communication from UMaine in 1986 and joined the faculty the following year. Sherblom's primary scholarship focuses on organizational group decision making, problem solving, conflict management, team formation, and community development; and especially the influence of communication technologies upon these processes. He has served as editor of *The Journal of Business Communication* and was appointed to the Eastern

Communication Association Committee of Scholars in 1998. Sherblom notes that it is particularly rewarding engaging with groups of students in consulting-internship projects as both learning and service initiatives.

## College of Natural Sciences, Forestry, and Agriculture

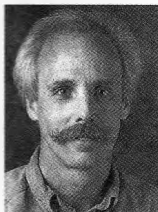


John Singer has been promoted professor of microbiology. He joined the UMaine faculty in 1985, two years after receiving a Ph.D. in microbiology from the University of Georgia. Singer's research focuses on microbial physiology and genetics – molecular mechanisms of virulence of fish disease pathogens, and their diagnosis and prevention. He chairs the Department of Biochemistry, Microbiology and Molecular Biology. Since 1990, Singer has served on the editorial board of the *Journal of Microbiological Methods*.

Last year, he had a paper selected for presentation and development into a manuscript at the Fourth International Marine Biotechnology Conference in Italy. The most exciting aspects of being a faculty member include hooding his first doctoral student and being fortunate to have a number of gifted students pass through his laboratory.

## Promoted to Professor with Tenure

### College of Natural Sciences, Forestry, and Agriculture



David Townsend has been promoted to professor of oceanography, with tenure. Townsend received a Ph.D. in oceanography from UMaine in 1981 and joined the faculty in 1993. As a coastal biological oceanographer, his active research projects focus on red tides in the Gulf of Maine, and general plankton processes on Georges Bank.

Townsend's current research is funded by such agencies as NOAA, NASA and the National Science Foundation. He notes that some of the most appealing aspects of his work have

to do with the freedom to do basic research, and the opportunity to share some of the excitement of new discoveries with both graduate and undergraduate students.

## Promoted to Associate Professor with Tenure

### College of Liberal Arts and Sciences



Daniel Sandweiss has been promoted to associate professor of anthropology and Quaternary studies, with tenure. Sandweiss received a Ph.D. in anthropology from Cornell University in 1989 and joined the UMaine faculty in 1993. Sandweiss' geoarchaeology research is focused in South America. He is particularly interested in the earliest maritime adaptations and the influence of climate on cultural development. Sandweiss is the founder and editor of *Andean Past* and the co-author of articles on climate and culture in the mid-Holocene, and El Niño in such prestigious publications as *Science*. He says a particularly exciting aspect of being a faculty member is the interaction with colleagues in his department, the Quaternary Institute and beyond, as well as interaction with engaged students.



Elise Turner has been promoted to associate professor of computer science, with tenure. Turner received a Ph.D. in computer science from Georgia Institute of Technology in 1989. She joined the UMaine faculty in 1995. Turner's research focuses on artificial intelligence. Her research goals include understanding the relationship between problem solving and communication, and exploiting insights from natural language processing to help artificial agents communicate effectively and efficiently. In 1998, she

received a Faculty-Student Centered Award honoring faculty involvement outside the classroom. As a faculty member, she enjoys working with small groups or individual students on research, working with a collegial faculty, and being exposed to new ideas on a daily basis.



Roy Turner has been promoted to associate professor of computer science, with tenure. Turner, who received a Ph.D. in computer science from Georgia Institute of Technology in 1989, joined the UMaine faculty in 1995. His research focuses on artificial intelligence and modeling biological systems. He is the author of *Adaptive Reasoning for Real-World Problems: A Schema-Based Approach*. Turner says one of the best aspects of being a faculty member is the chance to integrate his research interests into teaching.

Working with undergraduates on research projects and getting them interested in pursuing research is very rewarding, he says.

### College of Business, Public Policy, and Health



Nancy Fishwick has been promoted to associate professor of nursing, with tenure. She received a Ph.D. from the School of Nursing, Case Western Reserve University, and joined the UMaine faculty that same year. Her research focuses on rural primary healthcare, violence against women and women's health. Fishwick's professional honors include invited membership in the Nursing Research Consortium on Violence and Abuse. As a faculty member, she appreciates the opportunity to contribute to graduate education for nurses, particularly in the advanced preparation of rural family nurse practitioners.

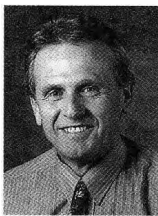


Diane Haslett has been promoted to associate professor of social work, with tenure. She received a Ph.D. in social work from the Jane Addams College of Social Work, University of Illinois in 1991 and joined the UMaine faculty in 1994. Haslett's research focuses on social work history, particularly women of Jane Addams' Hull House and the Birth Control Movement in the Progressive Era. She also writes on social work education, including the use of educational task groups and social work practice with groups. Haslett

notes that social work education offers faculty a great opportunity to help shape the future of the profession by daily interactions with students preparing for professional practice.

## Granted Tenure at the Rank of Professor

### College of Liberal Arts and Sciences



D. Kimbrough Oller has been granted tenure at the rank of professor of communication disorders. Oller received a Ph.D. in psychology from the University of Texas at Austin in 1971. He joined UMaine as professor and chair of the Department of Communication Sciences and Disorders in 1997. Oller's research focuses on child language and infant focal development, artificial hearing, deafness, screening and follow up for hearing and language disorders, and bilingualism. His professional honors include serving as chair of the International

Sensory Aids Society (1992-94), being an invited speaker at the American Association for the Advancement of Science in 1995, and serving as a member of the NIH Study Section (HUD-1) (1995-99). He notes that the most attractive feature of academic life is in the development and dissemination of knowledge. "In scholarship, we have the opportunity to create, to discover, to explore new realms."

## Granted Tenure at the Rank of Associate Professor

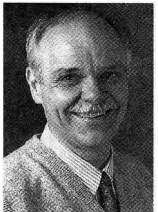
### College of Education and Human Development



Jeffrey Wilhelm has been granted tenure at the rank of associate professor of education. He received a Ph.D. in curriculum and instruction from the University of Wisconsin - Madison in 1994 and joined the UMaine faculty the following year. In the past few years, Wilhelm has concluded a series of studies exploring how student reading, writing and thinking can be supported through the use of art, drama and various technological applications. Currently, he is studying resistant adolescent boys and their reading, and is experimenting with

various interventions to support improved reading performance. His professional honors include a 1998 Brown University Education Department Award for Distinguished Contributions to Teachers and Teacher Education, and a 1995 National Council of Teachers of English Promising Researcher Award. In his college, Wilhelm says there is "a lot to be excited about," including the opportunity to be closely involved with local schools and field-based teachers.

### College of Engineering



Richard Messier has been granted tenure at the rank of associate professor of mechanical engineering. Messier received a Ph.D. in engineering (solid mechanics) from Brown University in 1975 and joined the UMaine faculty in 1993. His research interests include ocean structures, ocean engineering and composite materials. Messier's goal is to develop a center for ocean engineering at the University of Maine. While in industry, Messier received a number of professional awards. As a faculty member, Messier says he

enjoys working with students and helping to prepare them for a career in engineering in industry. The appeal also is in the ability to pursue research interests and to contribute to the future of the University through development of an ocean engineering focus in research and teaching.

### College of Natural Sciences, Forestry, and Agriculture



Bruce Barber has been granted tenure at the rank of associate professor of marine sciences. In 1984, he received a Ph.D. in marine science from the University of South Florida. Barber joined the UMaine faculty in 1993. His academic areas of interest include reproductive physiology of marine invertebrates, bivalve pathology and aquaculture. Barber served on the Marine Sciences Task Force, which resulted in the formation of the School of Marine Sciences. He chairs the Board of Directors of the Maine Aquaculture Innovation

Center. Barber says the best part of being a faculty member at a land- and sea-grant institution such as the University of Maine is the opportunity to combine research of relevance to the state with teaching. "Being actively involved in research enhances my ability to teach from an experiential knowledge base, which is continually being updated by new findings. I derive great satisfaction from teaching students about the importance of science in our lives and how to understand and participate in the scientific method."



Cynthia Pilskaln has been granted tenure at the rank of associate professor of oceanography. Pilskaln received a Ph.D. in geosciences from Harvard University in 1985 and joined the UMaine faculty in 1993. Her academic research interests are focused within the fields of marine biogeochemistry and sedimentology. The goals of her research are to determine the quantitative relationships between particulate

organize matter fluxes and cycling relative to biological food web dynamics, climate forcing over short- and long-time scales, and the formation of recent sediments. Such relationships help answer questions about the ocean's role in regulating the global atmospheric CO<sub>2</sub> budget. In 1998, Pilskaln was appointed by Gov. Angus King to the Land for Maine's Future Board. She received the 1993 Woman of the Year/Maritime Woman Explorer Award from the State of California. Pilskaln says what is most exciting about being a faculty member is bringing to students "a true sense of reality to the research behind the scientific concepts."

## Promoted to Extension Professor



Richard Brzozowski has been promoted to Extension professor. Brzozowski joined the University community in 1987. The following year, he received a doctorate in vocational technical education, with emphasis in agricultural education, from the University of Missouri in 1988.

Brzozowski's academic interests include applied research and on-farm research, with emphasis in helping Maine family farms increase profitability. He is a certified crop adviser and president of the Maine chapter of the National Association of County Agricultural Agents, a position he has held for five years. He says it is a great reward to see individuals, families and farm businesses grow as a result of one's involvement in their lives.



Lois Berg Stack has been promoted to Extension professor. Stack received a Ph.D. in horticulture education from the University of Wisconsin in 1984 and joined the UMaine community in 1987. Stack works with the nursery, landscape and greenhouse industries of Maine on production and marketing issues. Her research interests include weed management in outdoor cut flower production and biological control of greenhouse insect pests. She has developed state and regional educational programs for the industry, written

trade articles and fact sheets, and collaborated on a number of regional projects and publications for the industry. Two of her recent projects focus on industry leadership. She also works with homeowners and others interested in gardening and landscaping.

Barbara Murphy has been promoted to associate Extension professor with continuing contract.

### OUTSTANDING CLASSIFIED EMPLOYEE AWARDS

The Classified Employees Advisory Council (CEAC) is soliciting names of outstanding classified employees for the Employee Recognition Awards. The awards are presented each year at the annual Employee Recognition Banquet in May. Two awards of \$1,000 will be presented.

CEAC believes it is extremely important to recognize classified employees' exceptional service and dedication to the University. This year and in years past, the awards honor classified employees who demonstrate the highest level of professional services and standards within their disciplines or areas of responsibility. In addition, many classified employees have, through their volunteerism, made significant contributions to the communities in which they live.

Nominations are solicited for exceptional and meritorious achievement. Employees also may be nominated for these awards based on one-time actions when performance is extraordinary during special non-routine or unique situations. Nominations will be screened by CEAC Employee Recognition Committee members. Supervisors of the finalists will be interviewed. Nominations should be sent to Cindy Perry, 120 Cutler Health Center, 581-4010 (fax 581-3997). **Deadline: April 9.**



## Looking for the Right Chemistry

Charles Watson chose an academic career in chemistry because it is a "central science."

"While I have a great interest in all the sciences, chemistry allows me to think and dabble in areas ranging from biology to physics," says the UMaine graduate student. "I came to the University of Maine with hopes of doing experimental research at the Laboratory for Surface Science and Technology (LASST). I latched onto a project that divided my time between LASST and Aubert Hall."

Watson's research initially was supported by a Department of Energy grant to BIODÉ, the Maine-based company developing new sensor technology for the detection, identification and quantification of trace chemical, biochemical and microbial contaminants. BIODÉ, like other companies throughout the country, has been interested in developing remote-sensing mercury detection devices for water monitoring that involve the measurement of mercury deposited on gold film.

In his thesis work, Watson is focusing on the electrochemical deposition and stripping process involved in utilizing gold films in the detection of mercury. What he found is that the interaction between the mercury and gold makes it virtually impossible to strip off all the deposits. As a result, such mercury detection devices used repeatedly for remote monitoring can develop build-ups of mercury deposits over time and render false readings.

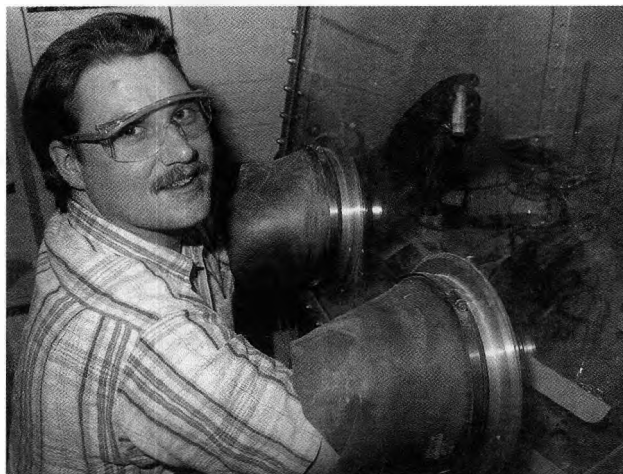
"Other research groups are trying to develop this type of sensor," says Watson. "For me, the first milestone in our research was proving that this is not so simple. We proved with surface science techniques that mercury is still incorporated into the electrode, a phenomenon that could cause problems in developing these sensors."

This "discovery aspect" of science is what most interests Watson. "It is interesting that today, research is aimed at objective goals, but we still have to understand the fundamentals of what's going on," he says. "We have to solve problems, including those we don't initially know exist, before going on. In this case, we've presented significant roadblocks to this type of mercury sensor device, but there are other measurement techniques to explore."

The Montana native began his graduate work at UMaine in 1995 after spending four years in the Peace Corps in Africa. In Gabon, he taught high school physical science and math in French, and then spent a year with the Ministry of Education developing science experiments for teachers. He also was involved in teacher training.

"What I really like about teaching is being able to lead people to a place and watch as they discover understanding themselves," says Watson.

Discovery through science, teaching and the collegial community has been an important part of Watson's work. Since joining the UMaine community, Watson has been actively involved in graduate student activities, both in the Chemistry Department and campuswide. Last year, he served as the grants officer for



Charles Watson

## Graduate Student Focus

the Association of Graduate Students. This year, he is the AGS president. He was one of two graduate students responsible for organizing the first Graduate Research Exposition, held last week.

"Graduate students are at the heart of much of the research done on university campuses," says Watson, who expects to complete his thesis later this year and will head for a career in science or medicine.

"Science and technology are important but we also can't lose the human perspective on life. The new thoughts and ideas developed in the humanities are just as important to understand."

"The Peace Corps gives you that broader perspective, as well as the ability to be accepting and understanding of people and their differences."

"In understanding the differences of others, we realize how we really are all the same." ▲

## Student Employment Appreciation Week April 4-10

National Student Employment Appreciation Week, April 4-10, will be observed campuswide and in the many offices in which student employees make daily contributions to the University.

The week is designated to celebrate and recognize the value of student work and the student employment professional. This is the third year that UMaine's observance has been campuswide, coordinated by the Office of Student Employment.

Highlighting the week at UMaine will be the third annual luncheon reception honoring this year's 51 Student Employee of the Year nominees on Monday, April 5.

The University is sponsoring two campus Student Employee of the Year winners – an undergraduate and graduate student. The undergraduate and graduate winners each will receive \$100 gift certificates to the University Bookstore and Award Certificates from the University. In addition, the undergraduate winner will have his/her name submitted to the Northeast Association of Student Employment Administrators (NEASEA) for consideration as the state's student employee of the year.

Throughout the week, student employees and staff members can stop by the Office of Student Employment, 229 Alumni Hall, for free coffee, donuts and popcorn. Friday, April 9, there will be free hot fudge sundaes to all who visit the office. Daily drawings will award prizes to UMaine students.

Offices are encouraged to personally recognize their student employees in the workplace. Some activities may include giving small tokens or certificates of appreciation to all student workers; having luncheons, pizza parties, or build-your-own ice cream sundae parties; or just saying "thank you" for a job well done. The weeklong observance offers an opportunity to recognize the many contributions student employees make to the University and the surrounding communities. ▲



## Academic Workplace *continued from page 2*

widespread fashion. We're trying to create a public debate about where we're going in the academic workplace. This report raises questions about the workers of tomorrow today, as well as the environments in which they work."

A summary of the findings includes the following trends:

- ▼ Recent reports show faculty salaries nationwide gaining in relative terms but stagnant in real terms. The cost of benefits packages may be leveling off, and benefit package profiles are changing in response to demographic trends. Faculty salaries in Maine lag behind those of other New England states, and also are uneven within the University of Maine System.
- ▼ Nationally, the prominent issues in employment law include sexual harassment, as well as discrimination on the basis of age or disability. In the specific area of education, laws relevant to intellectual property, activity fees, and school vouchers are in the news. The use of part-time faculty and graduate teaching assistants are also an important part of the picture.
- ▼ Issues including the growing use of part-time faculty, the future of tenure, and especially distance computer-based instruction, all interrelated, are at the forefront of the controversy on the higher education front nationally and are raising new legal questions. Higher education has become the focus of business interests as speculation on the future of distance education heats up. Business models also are driving attempts to change faculty personnel policy. Perhaps most importantly, copyright issues are in flux and are likely to lead to court battles as corporate partnerships with institutions of higher learning move ahead with new assumptions about ownership of academic course content – assumptions that appear certain to be controversial. The cost of new instructional technologies also is an issue of growing importance.

"Even with the incorporation of technological advances through the years, the academic workplace has remained virtually static for most of our history," Hanson says. "It has been grounded in professors passing on information they gained through research and collaborative enterprises. Now we're taking this information, digitizing it, and making it broadly available. Entire curricula are appearing on line. What does that mean for the intellectual property rights of educators? Do they have rights to their materials, or will institutions of higher learning take control of materials as courseware is produced? If professors are ultimately bypassed in this manner, what will that mean for students?"

Academia is at risk of losing its identity, Hanson says. "Companies in the private sector are offering college coursework via technology, without the need for dormitories, libraries and classrooms. A growing number of students are getting course materials via computer as faculty increasingly incorporate technology into their curricula. This is undoubtedly fine for many types of students, but what is missing is the social interaction that's vital for people to really learn. We need to make more critical, analytical, informed people who are not overly accepting, people who will creatively challenge the way things are. While many of the new learning tools are 'interactive,' computer instruction can amount to a passive acceptance of materials presented."

Hanson notes that there has been a rush to embrace technology. Universities see it as a new way to deliver their products, but with the large sums being invested, and the tendency of electronic tools to become obsolete in a relatively short time, careful study is needed in order to make wise investments of scarce resources.

"We need to make sure that the new tools are used only where they are actually better than a personal connection to experts in any given field," he says.

It's important not to stand in the way of new technologies that can be powerful tools; what we don't want is to become inappropriately dependent on technology, Hanson says. This could happen without a long-range, thoughtful plan about how to use it.

"If we don't make careful, informed decisions at the outset, we could find ourselves unable to afford the technology in the long

run. We also need to guard against growing inequalities between the haves and have-nots of our society resulting from the high costs of technology."

Public forums are needed in which to debate the issues and forces inside and outside of the academic workplace, he says. Such discussion needs to draw on expertise from all quarters, including social scientists who can provide perspectives on serious questions such as "where do we want to go, how do we get there, and are we employing new technologies and systems to our best advantage?" Today, the primary impetus is coming from those who develop and sell technology, with little input from consumers.

"Some of the experiences of institutions in corporate partnerships touched on in this report are good examples of what I'm talking about. The question for us is whether we are making decisions about our technological future in academia with all the information available and with an eye for not just what's best for the next semester, but for the next century as well."

Our obligation is to present and future students, not to corporate America," Hanson says. "Partnership between the academy and business and industry are not only possible but desirable. The Bureau has considerable experience in this area. But such partnerships also ought to be linkages in which we have mapped out what we need to do, tying together only those set goals and objectives that are compatible. Otherwise it becomes a case of the tail wagging the dog, with corporate money dictating what we teach. There is a tendency throughout the American academy to chase the money and accept a vision of the future from business and industry. They may be right, but what if they aren't? Academia needs to do some of its own thinking about the future."

In the national context, UMaine and the University of Maine System are doing well in terms being thoughtful about the future and where technology could take us, says Hanson. "We also have had collective bargaining longer than most higher education institutions in the U.S., allowing for shared governance. In Maine, we recognize the appropriate and rightful role for management, administration and all members of the University community.

"Bilateral decision making and shared governance are indispensable in this climate of more part-time employment, greater use of technology, and greater examination of the bottom-line dollars instead of the finals results."

Democratic ideals can not be divorced from this discussion, Hanson says. "We need technology. The problem is avoiding acting like lemmings on the one hand, or Luddites on the other. We don't want to follow the technology blindly and we don't want to smash the machinery in protest, but we do need to figure out the best way for us to profit from the new technology to further our work and ensure the future. We need to keep in mind that it was the technology gurus who brought us the Y2K problem.

"The answer is in the four Ds – democracy, debate, discussion and decision."

Higher education campuses are not the last bastions of democratic debate, but they remain one of the critical forums, Hanson says. "A university ought to be like a delicatessen, where a diverse community of living people put out a vast array of responsible, factual thoughts, concepts, views, information and perspectives. When students go through the university, they experience this variety of options and know that there are other things in the world besides bologna. Knowing all the options, listening to the pros and cons, they make informed decisions."

The Bureau's report is available now on reserve at Fogler Library; it will be posted on the Web in the near future. ▲

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## Recovery Plans for Endangered Species

Students in a wildlife ecology class are getting a hands-on view of how the Endangered Species Act (ESA) works through a cooperative project with the U.S. Fish and Wildlife Service and the Society for Conservation Biology, an academic and professional association. The class provides the students with a significant role in a national review process being conducted on the adequacy of the species recovery plans written by the federal government in the past three decades.

The class is taught by three professors in the Department of Wildlife Ecology: Raymond O'Connor, Judith Rhymer and Ray "Bucky" Owen, former commissioner of the Maine Department of Inland Fisheries and Wildlife. Fifteen students in wildlife ecology, biological sciences and resource economics and policy are participating.

"The Fish and Wildlife Service takes this project quite seriously," says O'Connor. "The agency is reviewing its procedures under the ESA, and it will take the students' comments into consideration."

Altogether, about 500 final recovery plans have been written for a total of 926 species of plants and animals.

The UMaine students are reviewing 10 plans for plants and animals ranging from the peregrine falcon, which has been restored to locations around the country, including Acadia National Park, to the greenback cutthroat trout and the Tennessee Purple Coneflower.

The reviews will be guided by exhaustive questionnaires. Students must evaluate the plans on more than 250 points, including legal protections, public participation and specific recovery tasks. Student reviews will be posted to a Website maintained by the National Center for Ecological Analysis and Synthesis (NCEAS). They will be able to review each other's comments and discuss questions through chat rooms.

In addition to specific recovery plans, students will review recent legal and scientific analyses of the ESA.

"Our goals are for the students to develop a thorough knowledge of the technical details of the ESA, to have an opportunity to think critically about a major area of environmental policy and to contribute to the implementation of the Act," says O'Connor.

Armed with detailed reviews, O'Connor and student representatives will meet with federal officials and representatives of other universities at NCEAS in California in April to discuss the adequacy of the plans. Over the course of the semester, students will share information via the World Wide Web on a weekly basis with officials and students in 18 similar courses being taught at other universities in the United States.

## Icefish(ing) in Antarctica

A team of students and faculty is heading south this month to continue research on the metabolism and biochemistry of Antarctic icefish. Led by Bruce Sidell, director of the School of Marine Sciences, the team will conduct new experiments designed to answer questions about how icefish have evolved in relative isolation to thrive at temperatures that would be fatal to most other fish species.

Members of the team include Tom Moylan, UMaine graduate and a research technician working in Sidell's lab, and Theresa Grove, a graduate student in marine sciences. They will be joined by Timothy Moerland, professor of biological sciences at Florida State University, and Craig Marshall, biochemist at the

University of Otago in New Zealand.

Other UMaine researchers involved in the icefish study include Michael Vayda, professor in the Department of Biochemistry, Microbiology and Molecular Biology; Lori Costello, a research technician; and Kristin O'Brien, graduate student.

The researchers will cast their nets from a new National Science Foundation research vessel, the RV *Lawrence Gould*, which went into service last year. Some work will be done in the labs on board, but most of the experimental procedures will be done at the Palmer Station in Antarctica. Some tissues will also be brought back to Orono for future analysis.

"In one set of experiments, we'll try to induce myoglobin expression in fish that normally do not produce the chemical. Many icefish species lack myoglobin altogether. We think we know the mechanism that may be responsible for preventing myoglobin expression in one species that is abundant in the area where we do most of our trawling," says Sidell. "If we can induce expression, that will confirm that we're on the right track."

Myoglobin plays an important role by storing and releasing oxygen in muscle tissues of most animals. The UMaine studies have attracted the attention of medical researchers who study cardiac physiology, in addition to researchers interested in polar biology.

The team will also focus its attention on enzymes involved in the sudden release of energy in muscles. Icefish are capable of making quick movements to capture prey, but they can't sustain such activity for long. "One of the primary enzymes involved in anaerobic metabolism may have a different structure in icefish than in other animals. If so, we want to understand how different structure may help the enzyme to function at cold temperatures," he explains.

The team is scheduled to leave in mid-March and return to Orono in early June.



Crop technician Dion Olmstead prunes research trees at Highmoor Farm.

Photo by Monty Rand

## Improvements Slated at Highmoor

Several new research projects and upgraded facilities are part of a package of improvements designed to maintain Highmoor Farm in Monmouth as a critical facility for agricultural research by UMaine scientists.

According to Steve Reiling, director of UMaine's

Agricultural Center (MAC), recent investments amount to a "long-term commitment" to keeping the doors open and strengthening ties with the state's apple and small fruit industries.

Since the farm was established pursuant to a legislative act in 1909, researchers at Highmoor have tested thousands of new apple, strawberry, raspberry and vegetable varieties with potential benefits for Maine farmers. The farm has also been the scene for pest management and Master Gardener training and other Extension workshops for the public.

In recent years, the farm's budget had been reduced as a result

*continued on page 18*

## Graduate Survey *continued from page 1*

because people, especially concerned faculty, are paying attention to the graduate student experience," says Sandra Caron, co-chair of the President's Council on Women. "However, that is not to say that there were not areas of concern, and those are the things on which we are trying to focus our attention."

A striking finding in the survey concerned the interaction between graduate students. "We found some graduate students citing the support they get from other grad students as part of what got them through their programs," says Tina Roberts, a six-year history master's student. "It also was surprising the number who cited the unwanted sexual attention they were getting from other students. Student-to-student interaction was a real double-edged sword."

### Graduate Life at UMaine

The survey also provides a rich source of information on the overall experience of graduate students at UMaine. The survey questions covered a wide range of issues affecting all graduate students, including satisfaction with aspects of graduate life, perceptions of faculty and advisors, factors contributing to delays in completing a degree, and incidents of unwanted sexual attention. Those involved in its development, distribution and analysis say the survey succeeded in not only exploring the collegial climate for female graduate students, but in providing a significant glimpse into graduate life on the UMaine campus.

Among the significant findings:

- ▼ Nearly 90 percent of those surveyed indicated moderate to high levels of satisfaction with both their overall UMaine experience and their academic experience.

- ▼ A majority of those surveyed were very or moderately satisfied with their department faculty and their advisors. Faculty characteristics ranked highest were intelligence, work ethic, accessibility to students, and treatment of students in a nonsexist manner.

- ▼ Almost 80 percent of the respondents indicated they have not experienced any discrimination. Those who had indicated they experienced discrimination identified gender (10 percent), followed by interest/values/goals, ideological or theoretical views, and age.

- ▼ Almost 70 percent of the respondents indicated they had not experienced delays or difficulty in completing their degree. The three most frequently cited factors causing delays: time devoted to other employment, lack of availability of required courses, and financial pressures or difficulties.

- ▼ Half of the students surveyed said personal savings was their primary source of financial support.

- ▼ Many students (45 percent) indicated they selected UMaine because they were offered the course of study they wanted.

- ▼ The three top aspects of the graduate student experience respondents valued most: helpful professors or advisors, supportive relationships with other graduate students, and high-quality academic programs.

In conjunction with the survey, the Office of Institutional Studies provided graduate student enrollment data since 1985. In its analysis, the Graduate School found the number of women enrolled in master's and doctoral programs has nearly doubled since the mid-'80s, with women accounting for nearly two-thirds of the master's students and approximately half of UMaine's doctoral candidates. Acceptance rates have been equal in the last two years. There has been little difference in the time-to-degree or mean credit-hour load for males and females. Graduation rates for women in the master's programs have been slightly higher than for males, and almost equal at the doctoral level.

Stipend information provided by UMaine's Office of Human Resources also found that the prevalence and value of graduate assistantships are, with few exceptions, distributed equally among males and females at UMaine. However, while there is

equal distribution, the low stipend rate at UMaine remains a major concern for graduate students.

Other factors cited as affecting the student experience are causing officials to turn their attention to other sections of the graduate population. "Now we're looking at the climate for international, non-traditional and commuting, part-time graduate students," says Graduate School Director Scott Delcourt. "From the data, we found more of a difference in these groups than between all male and female grad students."

Graduate students at UMaine range in age from 22-62, with a mean of 33.7. A number of non-traditional or part-time and commuting graduate students noted the need to have graduate courses available at night and on weekends. Issues with child care were cited as obstacles to a satisfying graduate experience.

"Most surprising to me was that nontraditional graduate students don't feel they have the same educational experience as full-time graduate students," says Sean Murphy, a fifth-year doctoral student in forestry. "One nontraditional student reported never having met with a faculty advisor and expected to graduate without doing so. From lack of maintaining a sense of community, and faculty and classes not oriented to their needs, to being repeatedly billed for tuition for which their employers are responsible, there needs to be a kinder, gentler approach to these nontraditional graduate students. They are an important part of the total graduate picture on this campus."

### Action for the future

Even though the survey results indicate that the climate for women graduate students is not hostile, there are instances of unwanted sexual attention, largely verbal rather than physical. The Graduate School and the Office of Equal Opportunity have begun an education campaign targeted at graduate students on the University's zero tolerance for harassment or violence in the workplace, and steps to take if help is needed.

"The experiences at UMaine may be similar to those in other graduate programs across the country, but that doesn't mean we can be complacent," says Murphy. "We need to ensure people know our policies and what to do when violations occur."

Another area that needs to be considered is how graduate faculty are reappointed, Caron says. "We need somehow to acknowledge and reward excellence in advising and mentoring, and use that criteria in renewing status and recognizing the critical role of graduate faculty. These are the people who are mentors to students, introducing them to the field, writing recommendations for jobs, helping them network and publish professionally, and guiding them in how to seek research dollars so they can be successful."

The need for clearer lines of communication between students, their advisors and the Graduate School was highlighted by the survey findings, says Delcourt. "Some of the feedback also points to how difficult it is to maintain community among graduate students. Their work is mainly focused within their disciplines and departments, and as a result, students may feel isolated. That was one of the ideas behind creating the Graduate Student Center (established three years ago in Estabrooke Hall), where students can have a workspace and place to meet outside of class. We are making progress in this area, but the survey indicates we're not there yet."

According to Delcourt, an exit survey similar to that used this past year will be administered on a more regular basis to graduate students, including those who withdraw from the Graduate School, to improve the quality of the graduate experience. The goal is to try to understand whether there are factors UMaine has control over and where the institution can help. ▲

The following members of the Biological Sciences Department presented papers at the 70th Annual Meeting of the Eastern Branch of the Entomological Society of America in Virginia Beach, Feb. 21-24: assistant scientist **Judith Collins**, "Potential of Mycotrol (*Beauveria bassiana*) for Management of Wild Blueberry Foliar Feeding Insect Pests";

**Francis Drummond** presented a workshop on his research with blueberry pest insects; graduate student **Jennifer Loose**, "Effects of Herbicide Use, Floral Resources, and Field Size on Wild Bee Communities in Cranberry Bogs in Eastern Massachusetts"; **Steven Woods**, "Differences Between the Insect Communities of Three Forest Management Systems"; **Eleanor Groden** is the 1999 Eastern Branch Nominee for the ESA National "Distinguished Achievement Award in Teaching."

**Bob White** and **Ethel Hill** of the Continuing Education Division, **Herman Weller**, College of Education and Human Development, **Lyombe Eko**, Communication and Journalism Department, attended the Camden Conference, Feb. 26-28. Weller, Eko and **James Warhola** of the Political Science Department are teaching Africa in the Age of the Internet this semester through CED. The Camden Conference is a major component of that course.

**Nellie Orr**, assistant professor of physical education and kinesiology, gave a presentation, "The Effects of a University Based Employee Wellness Program on Cardiovascular Risk Factors," at the National Wellness '99 Conference, Myrtle Beach, S.C., Feb. 28-March 3.

**Kathleen March**, professor of Spanish, participated in a panel on Rosalía de Castro and the New Feminism, in the Agrupación Cultural Alexandre Bóveda of A Coruña (Galicia), March 6. Her presentation, "De monstros, suicidas, escravos e mulheres," dealt with recurring motifs in the narrative of the 19th century Galician writer and other authors such as Mary Wollstonecraft, Mary Shelley, and Gertrudis Gómez de Avellaneda.

**Sergey Lvin**, lecturer of mathematics, presented a talk: "Resonance in an Exotic Oscillator: Occurrence Depends on Initial Conditions," Bates College, March 3.

Eighteen academic scientists from the U.S. and Canada were invited to Washington D.C., March 1-3, to meet with agency scientists and policy makers on the issue of acid rain. Three of these 18 were from UMaine: **Ivan Fernandez**, chair of Plant and Soil Sciences, **Steve Norton**, chair of Geological Sciences, and **Steve Kahl**, director of the Water Research Institute. Kahl was an invited speaker, presenting "Status and Trends in Maine Surface Waters Since 1982" on behalf of the University research group. The purpose of the meeting, organized as part of the Ecological Society of America Sustainable Biosphere Initiative, was to provide information for the year 2000 federal integrated acid rain assessment. This assessment will plan the future research agenda and provide background information for future legislation on acid rain emission reductions under the Clean Air Act.

**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, and **Harlan Onsrud**, associate professor in spatial information science and engineering, attended the Advisory Board Meeting of NCGIA's Varenus project to advance geographic information science held in Santa Barbara, March 5-8. Egenhofer chairs the panel on "Computational Methods for Representing Geographic Concepts" and Onsrud is a member of the panel on "Geographies of the Information Society." In addition, Egenhofer and **Andreas Blaser**, graduate research assistant with the NCGIA and doctoral candidate in spatial information science and engineering, gave a seminar talk on "Spatial-Query-by-Sketch" at the Air Force Research Laboratory in Rome, N.Y., March 2.

**Denise Baird**, adjunct assistant professor, **Steve Barkan**, professor, and **Leslie King**, assistant professor of sociology, attended the annual meetings of the Eastern Sociology Society in Boston, March 4-6. Baird presented, "Divorce Stories: Ambivalence, Adjustment and Narrative Strategy"; Barkan presided at a session, Theoretical Issues in Social Movements; and King presented "Pronatalism and the Construction of the Nation."

March 10, **Dan Sandweiss** gave a lecture (in Spanish) on "The Prehistory of the El Niño Phenomenon" at the National

Museum of Archaeology, Anthropology, and History in Lima, Peru.

**Kathleen March**, professor of Spanish, received honorable mention for her poem "Portrait: Thirteen-Year-Old in Maine, in May," in the 1998 "Lighter Than Air" competition organized by International Icarus. The poems of all awardees were published in the December 1998 issue of *Icarus* (North Carolina).

**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 a workshop at the National Science Foundation on Geographic Information Science and Geospatial Activities, held in Arlington, Jan. 14-15. Egenhofer also served on the workshop's steering committee.



Vanessa McGowen, a biology and chemistry major from Sault Saint Marie, Ontario, and Joe Moody, a sociology and psychology major from Liberty, are the 1999 UMaine Dean Smith Award winners. The annual award of the Graduate M Club honors the top male and top female senior student-athlete. Winners of the awards, named for the former Black Bear basketball player who was an NCAA top student-athlete in 1990, recognizes outstanding academic achievement, athletic achievement, leadership and character. Smith and McGowen are both track and cross-country athletes.

Photo by Kathryn Rice

## UMaine Faculty Provide Expertise for Maine Climate Change Conference

Faculty from nine campus departments and research units are giving presentations and chairing sessions at a conference on global climate change, April 7-8 in Lewiston.

The meeting has been arranged by a coalition of organizations including the Independent Energy Producers of Maine, Coalition for Sensible Energy, Maine Audubon, Maine Department of Environmental Protection and the Maine Tree Foundation.

Sponsors include businesses, state and federal agencies, non-profit organizations and units of Bates College, College of the Atlantic and the University of Maine.

The conference goal is to discuss risks associated with increased concentrations of greenhouse trace gases in the atmosphere and to consider strategies for reducing emissions of those gases.

George Jacobson of the Institute for Quaternary Studies and Joseph Kelley of Geological Sciences will participate in a morning panel April 7, "Bringing It Home to Maine." Presentations that afternoon will be made by Robert Seymour of Forest Ecosystem Science; Ivan Fernandez of Plant, Soil and Environmental Sciences; Ron Beard and Rick Kersbergen of Cooperative Extension; David Smith of the Institute for Quaternary Studies; Kirk Maasch of Geological Sciences and Institute for Quaternary Studies; Andrew Plantinga of Resource Economics and Policy; John Daigle of Parks, Recreation and Tourism; Scott Dunning of the Industrial Assessment Center; and Ray Owen of Wildlife Ecology.

Thursday morning presentations will be given by Deirdre Mageean of the Margaret Chase Smith Center for Public Policy; Andrew Plantinga; and Christopher Cronan of Biological Sciences.

Other presenters will represent Maine businesses such as the American Ski Company, J.M. Huber Corp., United Technologies Corp., and Endless Energy Corp., as well as government agencies and associations such as the Maine Oil Dealers Association and the Maine Chamber and Business Alliance Energy and Environment Center.

A slide show the evening of April 7 will be given by Dr. Bruce Kenney of Physicians for Social Responsibility. Peter Thatcher, retired assistant secretary-general of the United Nations, will give a lunch presentation April 8.

## Cultural *continued from page 1*

larger community to the role the University plays in the cultural life of the state," says Elaine Albright, dean of Cultural Affairs and Libraries, who authored the plan with Rebecca Eilers, dean of the College of Liberal Arts and Sciences.

"This is the only document that I've seen in my 15 years here that pulls together all the cultural units and their resources, and talks about what we're doing, and could be and should be doing in the future. For me, that's the value of this document and the experience that led to it."

The plan, outlined in a report, summarizes ongoing activities in the University's cultural community involving its museums, performing and visual arts, special library collections, and planetarium. The future for the cultural units involves more collaborative initiatives than ever before, including combined campus cultural tours, designation of a cultural affairs month, development of a cultural affairs calendar and a specialized map.

The future also involves the institution exploring its priorities in cultural affairs and deciding on a level of support for cultural activities that "reflects the value we place on these resources," the report's authors say.

"The future-looking efforts go beyond the way any of these units have been treated as separate entities in the past and recognizes that they are interrelated, providing a climate for the campus and the community," Eilers says. "By looking for the commonalities in the missions – the synergies – of these cultural units, we have put together a plan that maximizes what we have and heightens visibility without expending a great deal of additional resources. We also looked at what initiatives could be accomplished if the cultural units were allocated new resources."

In establishing such a plan, Eilers said the next step will be to decide how to advance UMaine's cultural community. "One of the discussions we're hoping will take place is whether the University sees this as a priority for minimal support, and whether a clear mandate is forthcoming to go forward for some of the proposals in the report."

Through the years, the cultural units on campus – Maine Center for the Arts, Hudson Museum, Library Special Collections, Museum of Art, Jordan Planetarium, School of Performing Arts and Page Farm and Home Museum – have sustained budget cuts like other areas in the University community. But most, including those that receive no University operating monies, have not had opportunities to recoup revenues, Eilers says. In addition, a lack of central funding for the cultural units has forced them to undertake fund- and friend-raising activities, often competing for the same patrons and constituent dollars.

Despite scarcity of financial resources and no unified approach to fund raising, the cultural units have survived and, in some cases, made progress because of the dedication of their staffs to cultural affairs on campus.

"I have had parents of young children say they've had reservations about moving to this area from large cities because they wanted their children to have the same learning opportunities they had growing up," says Albright. "They say if not for the University, there would not be similar opportunities to drop in on a Saturday and experience culture as a family. That's an important goal of the institution, a niche we can really fill."

In some cases, the University's cultural offerings are generally known more in the community than on campus. Directors of some of the cultural units on campus have expressed concern and frustration with the lack of appreciation and understanding about their facilities and activities. Both on and off campus, the broader scope of UMaine cultural affairs has not been used effectively as a marketing tool to promote the institution, says

Albright. That is particularly important when recognizing that, for many people, coming to campus to attend a play or other event is their introduction to the University.

"Our report recognizes the breadth of experience available through the cultural units that is largely unrecognized and taken for granted," Albright says. "Cultural affairs is part of a balanced whole of learning, discovery and service to the public. Often we talk of discovery in terms of research when in fact it can be that learning happens as a result of experiencing something new and in the context of these events being held."

"Sometimes the cultural units on campus feel less connected to the University because much of the institution seems to focus on classroom and lab experiences," Albright says. "We're hoping that this inclusion in BearWorks raises the recognition of the role the University's cultural areas play in learning, discovery and service."

Excellence in the arts and cultural offerings is a strength for academic programming, says Eilers. On campus are leading experts in their fields, both faculty and visiting guest artists. The extensive variety of UMaine cultural offerings also have been built into the classroom experience. One course in particular, called The Performance Event, is built around cultural activities.

"We take seriously students' formal education as consumers and future supporters of the arts," Eilers says.

Albright advocates all students graduating from UMaine have some interaction with the arts to build awareness, appreciation and understanding. By personally experiencing such cultural offerings, students gain a learning tool to use throughout their lives, she says.

"The more culture people experience, the more they will demand and expect it in their own communities," says Albright. "It falls into our land-grant mission to set up models, and we can do that by making the University's cultural units stronger and more visible. If we do our jobs right, we will foster more demand throughout the state."

The University has a leadership role to expanding cultural resources to the greater community, says Eilers. In the future, the hope is UMaine's cultural arts community will be found in more venues off campus, including downtown Bangor.

"In coming years, we will see recognition of the University's cultural area on a statewide level that we've been unable to achieve to date," says Eilers. "We will see a climate in which the arts have come into their own, receiving some of the support they need to achieve statewide goals."

"Just as R&D has major implications for economic development, the arts constitute a large portion of what people spend money on," says Eilers. "What we're really doing by broadening the involvement and utilization of UMaine's visual and performing arts outreach potential is stimulating the economic sector that has to do with cultural enrichment. It has to do with quality of life that has real financial impact on the state. Cultural affairs is an industry, in addition to a pleasure of life." ▲

### Campuswide Calendar

*Maine Perspective* keeps an electronic calendar listing on-campus events for the academic year that have been submitted for inclusion. If you have events already scheduled, send your listings to *Maine Perspective*. If you are planning an event and want to check for other activities scheduled at particular days and times, call 581-3745.

The UMaine Master Calendar is available on FirstClass (in the Campus Activities folder) and on the Web (off the UMaine homepage: [www.umaine.edu](http://www.umaine.edu) or the calendar Website: [www.ume.maine.edu/~paffairs/perspectiveweb/mastercalendar.html](http://www.ume.maine.edu/~paffairs/perspectiveweb/mastercalendar.html)).



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#### FOR SALE

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**HOUSE:** Just minutes from I-95 and UMaine. 3-BR, 2-bath Cape with field-stone fireplace. Private setting tucked away and nestled among trees on 5 acres. Cathedral ceilings, parquet floor, sliding glass doors with beautiful view. A must-see at \$92,000. Call 827-6134 for details.

**HOUSE LOT:** Orono. 110'x146', in established neighborhood. Easy walk to UMaine. Asking \$27,000. Call 866-4856.

#### WANTED

**HOME TO RENT:** Retired couple seeks furnished home to rent in the Orono area from August through October 1999 (dates flexible). Local references available. If interested, call 947-0265.

## Correction

The Web address for the Center for Community Inclusion is:  
www.ume.maine.edu/~cci/

## Directory Changes

**David Bradley**, Assistant Professor, Mathematics, 333 Neville Hall, 581-3920. 12A University Park, 581-8886. [bradley@gauss.umemat.maine.edu](mailto:bradley@gauss.umemat.maine.edu)

**Kathleen Reiling**, Collections, University Credit Union, Rangeley Road, 581-3579.

## Book Ends

### New & Noteworthy at the University Bookstore

**The Handyman**, Carolyn See, Random House (1999). *The Handyman* is the story of Bob Hampton, an aspiring young painter who is faced with the fact that he does not know what to paint. Feeling that without a vision he cannot be an artist, Bob trades in his palette for a tool belt and becomes a handyman to earn extra cash. Although he turns out to be very bad at fixing the things that he is hired to fix, he appears to have a knack for fixing the lives of the people he encounters. *The Handyman* depicts the countless ways in which our lives are intertwined and the profound effects we can have on one another.

**Germaine Greer: Untamed Shrew**, Christine Wallace, Faber and Faber (1999). This is the first full-length, unauthorized appraisal of the life and work of Germaine Greer, the controversial, groundbreaking and influential feminist, whom the author argues is an outsider to the movement, with an ambivalence toward other women. *Germaine Greer: Untamed Shrew* portrays an exceptionally talented, spirited, gutsy woman at odds with the family and era into which she was born, who went on to have a major impact on the women of her time.

**Scars of Sweet Paradise: The Life and Times of Janis Joplin**, Alice Echols, Metropolitan Books (1999). Moving from the electric ballrooms of San Francisco to the mud-soaked fields of Woodstock, *Scars of Sweet Paradise* tells of how the legendary Joplin transformed herself from a sweet-voiced girl from Texas to a gravelly-voiced blues singer and then, breaking through the boys' club of rock, became its first female superstar. A deeply affecting biography of one of America's most brilliant and tormented stars, *Scars of Sweet Paradise* is also a vivid account of an era that changed the world for us all.

**Dealers of Lightning: Xerox PARC and the Dawn of the Computer Age**, Michael Hiltzik, Harper Collins (1999). *Dealers of Lightning* is the riveting story of the legendary Xerox PARC, a group of eccentric young inventors that included Steve Jobs, brought together by the Xerox Corporation in California during the '70s and '80s. Based on extensive interviews with scientists, engineers, administrators, and corporate executives who lived the story, *Dealers of Lightning* tells of how this extraordinary group aimed to bring about a technological dawn that would change the world – and succeeded.

## Highmoor continued from page 14

of serious budget problems at the University of Maine, but a commitment by the Experiment Station to full support of operating expenses and staff salaries underscores the importance of Highmoor to the network of Maine's research facilities.

"We're planting trees and replacing the boiler. Last year we bought a new tractor, and we're promoting Highmoor with our faculty as a good place to do research. The farm is close to our apple industry, and its location in western Maine is ideal for studying the performance of crops under conditions relevant to Maine farmers," says Reiling.

According to Bruce Wiersma, dean of the College of Natural Sciences, Forestry, and Agriculture, "the recent increase in R & D funding has allowed us to bring Highmoor back to full parity with our other experimental farms. I am delighted that we were able to do this and thank everyone involved who has made these improved research budgets a reality."

Maine citizens come to Highmoor for programs that have real economic, environmental and social value, says Lavon Bartel, director of Cooperative Extension. "Our staff are developing new projects, such as an effort to demonstrate natural resource management principles. This work is very important."

According to James Schupp, a research faculty member and Extension tree fruit specialist based at Highmoor, a new three-acre apple orchard will be planted this spring. It will feature McIntosh and Cortland varieties grafted to a newly developed hardy dwarf root stock known as Bud 9.

Schupp and other researchers at Highmoor have participated in the development and testing of the root stock that recently became commercially available. "It originated in Russia and has undergone a lot of testing in the U.S. It has exceptionally good hardiness. Since our apple growers are at the northern edge of where apples can be grown profitably, these new trees may be a great benefit to Maine."

Ongoing research also will be maintained with local private orchards. Projects include development and testing of compost recipes using pomace, the waste product from cider presses. In cooperation with Chick Orchards of Monmouth, Schupp is testing the soil building and fertilizer potential of using compost made of pomace, leaves, chicken manure and a liming agent.

Recent test results have shown that the compost promotes growth of a high value but slow growing variety known as Macoun, a cross between McIntosh and Jersey Black.

Schupp maintains experimental plots with about 30 new apple varieties. He works in cooperation with a national network that demonstrates the performance of new varieties across a range of environmental conditions. "Most of what we're concerned about here is field performance, yield, survival and tree size. It takes years to evaluate all the important characteristics of new varieties, but by cooperating with other research farms across the country, we can reduce that time substantially," he says.

Those same benefits apply to Maine's growers of small fruit and vegetable crops. David Handley, Extension vegetable and small fruit specialist, has conducted trials at Highmoor with strawberries, raspberries and high bush blueberries. With a new \$12,000 grant in state research funds administered by the Experiment Station, Handley and Jim Dill, Extension pest management specialist, will study the effectiveness of biological agents to control a persistent pest, the tarnished plant bug. The pest causes strawberries and apples to be deformed and unmarketable. The new project expands trials to study the natural resistance of new varieties.

When growers are surveyed, variety trials always make it in the top three, says Handley. More than a thousand new varieties have been tested but only a few have real commercial potential in Maine.

Handley has also developed a proposal to expand vegetable trials with sweet corn, pumpkins and tomatoes. ▲

# International Notes

These visiting scholars have joined the University community for the spring semester:

<b>Eisso Atzema</b> , The Netherlands, Mathematics	<b>Michael Furlong</b> , United Kingdom, Life Sciences/Biological	<b>Paulo Segantine</b> , Brazil, Spatial Engineering
<b>Nils-Karsten Bars</b> , Germany, Chemical Engineering	<b>Carlos Islam</b> , United Kingdom, Education	<b>Keiko Shinohara</b> , Japan, Communications & Disorders
<b>Florian Bender</b> , Germany, Physical Sciences	<b>Mingshu Jiang</b> , China, Marine Sciences	<b>Yuhong Sun</b> , China, English
<b>Michela Bertolotto</b> , Italy, Spatial Engineering	<b>Byeong-Soo Kim</b> , Korea, Chemical Engineering	<b>Fenghu Wang</b> , China, Forest Management
<b>Jonas Collen</b> , Sweden, Life Sciences/Biological	<b>Yong-Chang Lee</b> , Korea, Spatial Engineering	<b>Yang Xiang</b> , China, Chemical Engineering
<b>Juliet Cox</b> , United Kingdom, Laboratory for Surface Science/Tech	<b>Stephanie McInnis</b> , Canada, Life Sciences/Biological	<b>Danya Xu</b> , China, Physical Sciences
<b>Sun-An Ding</b> , China, Physical Sciences	<b>Susanne Meidel</b> , Germany, Marine Biology	<b>Sang-do Yeo</b> , South Korea, Chemical Engineering
<b>Crisian Domnisoru</b> , Romania, Electrical Engineering	<b>Lech Muszynski</b> , Poland, Wood Sciences & Technology	<b>Chao Zhang</b> , China, Laboratory for Surface Science/Tech
	<b>Juan Noguera</b> , Spain, Spatial Engineering	

## Disability Awareness *continued from page 7*

"By putting the life-size representations at building entrances, many members of the University community will come across one sometime during those two days," says Smith. "What we're hoping is, at least for that millisecond, that individual will be more aware of the myths and truths behind disabilities."

"Students with disabilities include those with chronic illnesses, learning or psychiatric disabilities (most that are not readily visible). The students who volunteered to have their backs photographed say when their disabilities don't constitute negative stereotypes, they will turn around (and face the camera)," Smith says.

Other Disability Awareness Days events include a panel discussion featuring students with disabilities. "How You See Me, How I See You," 12:15-1:15 p.m., April 12, Bodwell Area, Maine Center for the Arts, will explore the experience of being a student with a disability at UMaine.

On both days, an exhibit in the Union lobby will display the technology and equipment available for students with disabilities. In addition to information about disabilities, there also will be a pledge board on which members of the University community can sign their names in support of access for all in our society.

"The goal is to promote access," says Smith. "The question the pledge board addresses is whether you believe in access and whether that belief is evident in your behavior. Some people still believe that people with disabilities do not belong in college. The question is how does this community feel about access." ▲

### Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/Distinguished Lecture Series Committee is April 9. Proposal guidelines and applications are available from Wanda Legere, President's Office, x1516.

## Wrestling with Greatness *continued from page 8*

"I'm serious in science," Smith says. "My academic record doesn't speak of someone who goofs around. I also realize there's a time to goof around. I always try to make things different and exciting. That goes for the clothes I wear, including my infamous yellow hat. I shave once a week. By my personal appearance, I tend to stand out because I have no regard for style. I tend to make up things no one would come up with, like my own words. Then there's the fact that I'm pretty blunt. And I combine things few people think of combining. Like microbiology and professional wrestling."

Smith says he learned to develop the motivation to be his best from his lifelong passion professional wrestling. "I've been watching for 15 and-a-half years," says Smith. "From the first night I watched, I found it exciting and entertaining, with lots of action, gold belts. It's flashy and has stood out against everything I've ever seen. My Dad said it was fake and I said, 'Even better.' I had an outlet, a release from the world in which I drive myself very hard. Professional wrestling teaches you that you can't be a one-dimensional character."

"Pro wrestling and science are related," says Smith. "Both require a great deal of creativity, figuring out new and innovative ways to do science and to be a success in wrestling."

"From my viewpoint, I want to be the best microbiologist and that's why I want to go to graduate school. I started research as a sophomore because of my drive and motivation. The same thing with teaching. In professional wrestling, you always have to be the best. To wrestle, you have to be a showman, have the right charisma and get the job done. Hulk Hogan has the right combination of those things. He has charisma and motivation, and he loves his work."

Back home, Smith has been a member of the Block Wrestling Federation, a neighborhood group he and his childhood friends started 11 years ago. As he describes it, the BWF evolved from school chums wrestling in the grass to a full-scale production, complete with a wrestling ring in a friend's backyard, lights, music, costumes and 30 characters.

"I do seven characters," says Smith. "Most of my spare time is spent writing and thinking about Captain Spaulding, a beach bum, cheater and a bad guy."

"It's all a lot of fun. A good release. I do it because I want to. It's dangerous, but so is driving a car. You have to be a bit insane and tolerant. You have to take pro wrestling for what it is, a show, entertainment."

During his years at UMaine, Smith and the other BWF members have resorted to matches when their semester breaks coincide. He admits that six years at Harvard will put a further crimp in his wrestling avocation. "As long as it exists in my head, that's all that matters," says Smith. "That's where my whole life runs from."

In spite of a preoccupation that made Harvard officials roll their eyes just a little, Smith is headed to the Ivy League. "Most people who know me say, 'Yeah, I can see it. As strange as Don is, it makes sense.'"

After six years in the Ph.D. program teaching and doing research, Smith hopes for a career in human vaccine development.

"I will run the lab, no doubt," Smith says. "And I will do it my way. There will be stupid stuff on the board for entertainment. And there will be people in the lab who are going to work; no one who is lazy or pure genius and unwilling to help anyone else."

"He will run his own lab," echoes Singer, "and he will have a very productive research career. That's clear from the way he approaches his own education." ▲

**Council for International Exchange of Scholars** announces the availability in AY2000-01 of 31 distinguished Fulbright Chair lecturing awards in 12 European countries and in Canada. Awards are made to American citizens with prominent records of scholarly accomplishment, primarily in the humanities, social sciences, and business. Preliminary indications of interest are due May 1.

**U.S. Departments of Agriculture, Commerce, Defense, and Energy, Environmental Protection Agency, National Aeronautics and Space Administration, and National Science Foundation**, collaborating in a five-year program to foster Metabolic Engineering, invite preproposals for multidisciplinary projects to develop enabling technologies useful for the study of metabolic processes and metabolic engineering. Deadline: May 17.

**U.S. Department of Agriculture's Food Assistance and Nutrition Research Program** invites proposals in five priority research areas: The Food Stamp Program as a Safety Net (deadline June 1), Better Serving the Working Poor (June 1), WIC Program Research (June 2), Child Nutrition Issues (June 2), and Outcome-Based Performance Measures (June 3).

**American Heart Association** supports research broadly related to cardiovascular function and disease, stroke, and related clinical, basic science and public health problems. Several award mechanisms emphasize support for junior and mid-career investigators. Deadline: June 15.

**National Science Foundation's Biological Databases and Informatics Program** supports research and development of novel biological database structures or informatics tools. Proposals for planning and design activities, such as conferences and workshops, working groups, or nomenclature standardization efforts, are also welcome. Deadline: July 12.

**National Center for Complementary and Alternative Medicine** has been established as a component of the NIH to support research and research training on complementary and alternative treatment, diagnostic, and prevention modalities, disciplines, and systems. Investigator-initiated applications are now being accepted for most of the NIH award mechanisms.

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

### 18TH PROFESSIONAL EMPLOYEE ACHIEVEMENT AWARDS

The Professional Employees Advisory Council (PEAC) seeks to raise the awareness of the campus community about the indispensable contributions that represented and non-represented professional employees make to the quality, diversity and overall mission of the University.

This year two awards will be given to professional employees whose actions and activities above and beyond normal work responsibilities have provided outstanding service to their fields, to UMaine, or to the community as a whole. In recognition of the employees' accomplishments and contributions, a cash stipend of \$1,000 is presented to each awardee. Awards are presented at the annual spring employee banquet.

A professional employee must be nominated by another University employee. To be eligible for an award, the employee must be a current represented or non-represented professional employee with a minimum of three years of continuous service to the University. The employee need not be in the same position over that three-year period. When nominating an individual, describe the actions and activities that deserve consideration for the award; include the positive impact the person has had on the field, the University, or outside community organization. Describe the unique characteristics that set the performance of the individual above normal, expected performance levels. Letters of recommendation must be limited to two typewritten pages.

Submit nominations to Barbara Hikel, 114 Alumni Hall.

**Deadline for receipt of nominations is April 1.**

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETINGS

The Institutional Animal Care and Use Committee (IACUC) reminds investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the meeting dates for the spring semester. Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting.

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

NOTE: There has been some confusion about work with fish or chicken embryos. IACUC approval is required for any work involving fish or chicken embryos if a notochord is formed. This includes use in research, teaching, or testing. The only time IACUC approval is not required for work with those embryos is when the work is conducted AND completed prior to the formation of a notochord. Meeting date: April 19.

## What's Ahead

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**WORLD HEALTH DAY**  
**April 7**

**"A DARWINIAN EVENING  
WITH RICHARD DAWKINS"**  
**April 8**

**"ADVANCING THE  
UNIVERSITY:  
PRELIMINARY THOUGHTS  
ON BRINGING TOGETHER  
THE AREAS WITHIN  
ADVANCEMENT"**  
**April 9**

**PHI KAPPA PHI INITIATION  
CEREMONY**  
**April 12**

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

