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Three members of the Maine Congressional Delegation, Rep. Tom Allen, left, Sen. Susan Collins and Rep. John Baldacci, met Feb. 10 in Washington, D.C., with members of UMaine's research community, including Dan Dwyer, second from the left, vice provost for Research and Graduate Studies, to lend support to new and existing University research initiatives.

Photo by Nick Houtman

## Capitol Hill Forum Promotes University of Maine Research Priorities

In a University of Maine research forum on Capitol Hill Feb. 10, Maine's Congressional Delegation emphasized the importance of University research to the state's economy and pledged cooperation with new initiatives.

UMaine President Peter Hoff welcomed the 60 participants, who included elected representatives and their staffs, the business community, federal agency personnel and UMaine faculty.

At the meeting, organized by UMaine's Office of Research and Graduate Studies, Hoff said that research at land-grant institutions ultimately benefits Maine and the nation by improving education and generating the critical knowledge to develop new products.

"Make no mistake," he told the delegations. "Our researchers are doing world-class work, many on the cutting edge of their fields. With your support, we will be well on the way to meeting the goals identified by the Faculty Five."

Hoff was referring to a campaign led by five faculty members in 1996 to increase state and federal support for research to \$100 million a year. External research funding in the fiscal year ending June 30, 1998 amounted to about \$32 million. Federal agencies provided about 80 percent, largely through competitive grants.

"The University of Maine is central to our efforts to increase research funding flowing into the state," said Rep. Tom Allen of Maine's 1st District in introductory remarks.

At the forum, Sen. Susan Collins and Rep. John Baldacci spoke about the importance of a strong research university to the state's developing economy.

Also attending were staff members of Sen. Olympia Snowe.

In a luncheon presentation, U.S. Navy Rear Adm. Paul Gaffney said that universities may have a difficult time "getting on the curve" of higher research funding. However, once they have established strong programs that meet federal needs, the Navy tends to continue support. The most credible advocates for such support, he said, are businesses that can take research results and turn them into commercial applications.

He pointed out that in the last two years, University of Maine researchers have succeeded in turning less than \$2 million a year into more than \$9 million for work on sensors, marine structures and coastal ocean processes. The Navy provides research funding to about 400 universities and non-profit laboratories every year, and UMaine is now in the top half of all institutions receiving such support.

Faculty were on hand with displays, videos, software demonstrations, product samples and fact sheets to discuss ongoing work in sensors, wood

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### In Perspective

- 2 U.S.-Iran Relations
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- 9 Research on Glaciers
- 10 In Focus: Beth Wiemann

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

## Baktiari Among Experts Advising on U.S.-Iran Relations

At the end of January, a two-day conference on Capitol Hill brought together international experts to seek new proposals for U.S. policy toward Iran.

"U.S. Congress and Iran: Twenty Years After the Revolution" was sponsored by the Middle East Institute of Washington, D.C., and the University of Maine, with major funding from five major multinational corporations. The first annual conference was organized to explore ways to improve U.S. relations with Iran. Initially expecting 80 congressional, State Department and business participants, the conference was attended by more than 300 people who came to hear leading experts on Iran.

One of those internationally recognized experts is UMaine Associate Professor of Political Science Bahman Baktiari, who chaired the history-making conference.

Baktiari is a specialist on parliamentary politics in the Mideast, with a major focus on Iran. The author of the 1996 book, *Parliamentary Politics in Revolutionary Iran: The Institutionalization of Factional Politics*, also is on the editorial staff of the *Middle East Studies Association Bulletin*, as well as a manuscript reviewer for the *Middle East Journal*.

*continued on 17*

## UMaine, Husson, Healthcare Agencies Cooperate to Offer Program for Teen Parents

A new program to train teenage parents to stimulate healthy mental development in their infants has received support from two area funding agencies. Funds from the Penobscot Valley Health Association (\$15,000) and Eastern Maine Charities (\$8,000) will be used to pay for professional supervision of University of Maine and Husson College students in a project coordinated by a Bangor area mental health coalition known as Partners of Underutilized Systems of Health, or PUSH.

The students will visit the homes of teenage parents and co-facilitate teen support groups under the supervision of Barbara Peppey of Lamoine and a social worker at the Penquis Community Action Program, according to Marcella Sorg, a member of PUSH and a staff member of the Maine Consortium of Partnerships (MCP) project at UMaine. Other grant requests are pending.

The project extends a pilot effort, Transition to Parenting, already being conducted at the Penquis Community Action Program in Bangor. "This is the first fruit of this group's (PUSH) labor," says Peppey. "It provides a learning opportunity for the students and addresses an important social need in Maine."

Infant mental health has become a bigger issue nationwide among mental health professionals, according to Janet Ordway, a Bangor psychiatrist who collaborates with MCP and helped to plan the PUSH project. "If we can get healthy behaviors in infants, those babies will have a better chance of growing up to become healthy adults," she says.

National epidemiological studies have shown that 14 percent-20 percent of children from birth to 18 years old have mental health problems serious enough to require treatment. In Maine, that would mean that between 42,000 and 61,300 children could have serious mental health problems, according to research published in the journal *Psychiatric Services* in 1996.

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**BearWorks**  
University of Maine

## Campus Living to Again Integrate Dining, Housing

A review of the organization, structure and staffing patterns of Campus Living as called for in BearWorks has resulted in the decision to return to a previous administrative model in which an executive

director oversees the four primary service areas of student residential living – dining, residential education, housing support and administrative/technical support.

"It makes programmatic sense to maintain the integration of two areas essential to students – dining and housing – to ensure they are moving in the same direction," says Mark Anderson, interim vice president for Student Affairs. "This is a reaffirmation of a structure of Campus Living that worked well in the past and will be important in working toward the creation of a collegial community of learners as envisioned in BearWorks 2.0."

A nationwide search has begun for an executive director of Campus Living, a position last held in 1997 by Scott Anchors, who is now executive assistant to the President. The executive director will report to a new vice president for Student Affairs, who will be hired by the time finalists for the Campus Living position are interviewed.

For more than a year, Dining Services and Residential Life have maintained collaborative but separate existences. Anderson says his recommendation to UMaine President Peter Hoff to again integrate the two areas into one Campus Living unit will best serve students and the institution.

"This model is not typical of all our peer institutions, where dining and housing are often in totally separate organizations," says Anderson. "But this makes sense at UMaine because of the real benefits of integrating management of residential living and dining services. We are getting ready to come forward to the

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### MAINE PERSPECTIVE PUBLISHING SCHEDULE

March 12 (copy deadline Feb. 26); March 26 (copy deadline March 12);  
April 9 (copy deadline March 26); April 23 (copy deadline April 9).  
Monthly summer editions of *Maine Perspective* will begin May 14.

## MAINE Perspective

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UNIVERSITY OF  
**MAINE**

# Calendar

# MAINE

FEBRUARY 19 – MARCH 19

## 19 Friday

**Jazz TGIF with Idiots Avante**, offered by the Union Board, 12:15 p.m., Feb. 19, Damn Yankee. x4194.

**"Item Response Theory: Overview and Applications,"** by Jaekyung Lee, offered by the College of Education and Human Development, 1-3 p.m., Feb. 19, Dexter Lounge, Alford Sports Arena.

**"Forest-Canopy-Mediated Impacts on Larval Amphibians,"** by David Skelly, Yale University, a Biological Sciences and Wildlife Ecology joint seminar, 3:10 p.m., Feb. 19, 3:10 pm, 102 Murray Hall. x2575.

**Men's Ice Hockey: Maine vs. Boston University**, 7 p.m., Feb. 19. Admission fee. xBEAR.

**Performance by Comedian Peter Lipsey**, offered by the Union Board, 9 p.m., Feb. 19, Wells Conference Center. Admission fee. x1734.

## 20 Saturday

**Men's Basketball: Maine vs. Towson**, noon, Feb. 20. Admission fee. xBEAR.

**Men's Ice Hockey: Maine vs. Boston University**, 7 p.m., Feb. 20. Admission fee. xBEAR.

**"Wild West" Memorial Union Carnival Extravaganza III**, featuring a casino, roving magician, antique photos, candle art, temporary tatoos and prizes, offered by the Union Board, 8-11 p.m., Feb. 20, Union. Modest charge for fake casino money. x1735.

## 22 Monday

**"Prospects for Peace in Cyprus: The Greek-Turkish Dispute,"** by Kyriacos Markides, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., Feb. 22, 109 Corbett Business Building. x2609.

**Comedy of Errors**, performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 22, Hutchins Concert Hall. Admission fee. x1755.

**Beth Wiemann Faculty Recital**, part of the School of Performing Arts season, 7:30 p.m., Feb. 22, Minsky Recital Hall. Admission fee. x1755.

## 23 Tuesday

**The Odyssey**, performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 23, Hutchins Concert Hall. Admission fee. x1755.

**"Presence of the Past: African American Culture and Race Relations in Historical Perspective,"** by Carla Peterson, professor of English and comparative literature, University of Maryland, part of the Libra Professorship Public Lecture Series on Communication Diversity and Identity, offered by the Department of Communication and Journalism, 7:30 p.m., Feb. 23, 100 Neville Hall. Reception at 7 p.m. x1935.

## 24 Wednesday

**Rally Celebrating Black Bear Sports**, 11 a.m.-1:30 p.m., Feb. 24, Field House. Lunch provided.

**"What I Wished I'd Known . . .,"** a panel discussion focusing on advice from newer faculty for new faculty, offered by Instructional Development, noon-1:30 p.m., Feb. 24, 202 Shibles Hall. x2486.

**"The Female Voice in Late Medieval Love Lyrics: The Historical Contexts and Some New Discoveries,"** by Linne Mooney, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., Feb. 24, 109 Corbett Business Building. x1228.

**"The Four Color Theorem and Cubic Graphs,"** by V.K. Balakrishnan, a Department of Mathematics and Statistics Colloquium, 3:10-4 p.m., Feb. 24, 421 Neville Hall. x3954.

**Faculty Senate meeting**, 3:15 p.m., Feb. 24, Mahogany Room, Wells Conference Center. x1167.

**"Free Speech/Hate Speech: Where Do We Draw the Line?"** a panel presentation and discussion featuring Maine Assistant Attorney General Steve Wessler, First Amendment attorney Pat Peard, and Assistant Professor of Journalism Lyombe Eko, offered by the Office of Equal Opportunity as part of Black History Month Observance, 7 p.m., Feb. 24, 100 Nutting Hall. x1226.

**Once Upon a Time When We Were Colored**, part of the Multicultural Film Series as part of Black History Month, 7 p.m., Feb. 24, 101 Neville Hall. x1405.

**"Core and Periphery: Syntactic and Extra-syntactic Mechanisms in the Human Sentences Processing System,"** by Wayne Cowart, professor of linguistics, USM, part of the Communication Sciences and Disorders Colloquium Series, 5-6:15 p.m., Feb. 24, 100 Neville Hall. x2003.

## 25 Thursday

**White Balloon**, part of the International Film Festival, offered by International Programs, 7 p.m., Feb. 25, 100 Neville Hall. x2905.

**"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., Feb. 25, Maine Center for the Arts. x2539.

**Women's Basketball: Maine vs. Hartford**, 7:30 p.m., Feb. 25. Admission fee. xBEAR.

## 26 Friday

**"Education in the Fine and Performing Arts for People with Disabilities,"** by Rick Curry, founder and director of the National Theatre Workshop of the Handicapped, offered by the Art Department, 12:30-2 p.m., Feb. 26, 100 Nutting Hall. x3293.

**"Evolutionary Diversification of Behavior in the Post-Glacial Radiation of the Three-Spine Stickleback,"** by Susan Foster, Clark University, part of the Biological Sciences Seminar Series, 3:10 p.m., Feb. 26, 102 Murray Hall. x2536.

**Spring Break Begins**, 5 p.m., Feb. 26.

**Women's Ice Hockey: Maine vs. Cornell**, 7 p.m., Feb. 26. xBEAR.

## 27 Saturday

**Women's Ice Hockey: Maine vs. Cornell**, 7 p.m., Feb. 27. xBEAR.

**Othello**, performed by the Italian National Opera, part of the Maine Center for the Arts performance season, 3 p.m., Feb. 28, Hutchins Concert Hall. Admission fee. x1755.

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.

# 28 Sunday

**Men's Ice Hockey: Maine vs. Merrimack**, 7 p.m., Feb. 28. Admission fee. xBEAR.

## March

# 6 Saturday

**Bangor Symphony Orchestra Family Casual Concert**, 7 p.m., March 6, Hutchins Concert Hall. Pre-concert preview with David Klocko, 6 p.m., Minsky Recital Hall. Admission fee. 942-5555.

# 7 Sunday

**Bangor Symphony Orchestra Concert**, 3 p.m., March 7, Hutchins Concert Hall. Pre-concert preview

with David Klocko, 2 p.m., Bodwell Lounge, Maine Center for the Arts. Admission fee. 942-5555.

# 8 Monday

**Women of the World Lunch**, featuring Iranian foods, coordinated by the Office of International Programs, noon, March 8, Church of Universal Fellowship, Orono. Admission fee. x1509.

# 11 Thursday

**Pursuit of Excellence: Sixth Annual Student Journalism Conference**, March 11, Wells Conference Center. x1278.

# 15 Monday

**Classes Resume**, March 15.

**Maine "Fed Challenge,"** a competition for high school students, sponsored by the Federal Reserve Bank of Boston, coordinated by the Department of Economics, March 15.

# 16 Tuesday

**President Hoff's Open Office Hour**, 10 a.m., March 16, Alumni Hall.

**"Ice Harvesting on the Penobscot,"** by Marianne McGary, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon-1 p.m., March 16, Page Museum. x4100.

**"Let's Face the Music and Dance": The Cultural Work of Astaire-Rogers Dance Music in Depression America,"** by Margaret McFadden, assistant professor of American Studies, Colby College, part of the Women's History Celebration, 12:30-1:45 p.m., March 16, 109 Corbett Business Building. x1228.

**"What Is This 'White' in Whiteness,"** by Thomas Nakayama, director of the Asian Pacific American Studies Program and associate professor of communication, Arizona State University, part of the Libra Professorship Public Lecture Series on Communication Diversity and Identity, offered by the Department of Communication and Journalism, 7:30 p.m., March 16, 100 Neville Hall. Reception at 7 p.m. x1935.

# 17 Wednesday

**History Graduate Students Present Their Research**, part of the Women's History Celebration, 4 p.m., March 17, 100 Neville Hall. x1228.

**"Speak Out! Women Reclaiming Their Lives,"** a keynote address by Dyann Logwood, a founding publisher of *HUES - Hear Us Emerging Sisters* - magazine, part of the Women's History Celebration, 7 p.m., March 17, Wells Conference Center. x1228.

# 18 Thursday

**"How to Stay Well in a Chaotic World,"** by Nellie Orr, part of the EAP Brown Bag Luncheon Series, noon-1 p.m., March 18, Bodwell Area, Maine Center for the Arts. x4014.

**"Redefining Feminism: Insights from an African American in the NOW Movement,"** by Renee Berry Huffman, national board member and 1999 chair N.E. Women of Color and Allies Summit, NOW, part of the Women's History Celebration, 12:30 p.m., March 18, 117 Corbett Business Building. x1228.

**Fire Eyes**, part of the Peace and Justice Film Series and the Women's History Celebration, offered by MPAC, 7 p.m., March 18, 101 Neville Hall. x3860.

**Performance by the Band Electric Blue and Kozmic Truth**, offered by the Union Board, 9 p.m., March 18, Bear's Den. Admission fee. x1734.

# 19 Friday

**Jazz TGIF with Neobop**, offered by the Union Board, 12:15 p.m., March 19, Damn Yankee. x4194.

**"Mapping and Cloning the mut-2 Mutator Gene in *Caenorhabditis elegans*,"** by Joseph Pelliccia, Bates College, part of the Biological Sciences Seminar Series, 3:10 p.m., March 19, 102 Murray Hall. x2536.

## Ongoing Events

### Campuswide Events

**Black History Month Observance**, through Feb. 28  
**Women's History Celebration**, March 16-April 5.

### Entertainment

**Into the Woods**, directed by Tom Milotowicz, part of the Maine Masque season, 7:30 p.m., Feb. 19-20; 2 p.m., Feb. 20-21, Hauck Auditorium. Admission fee. x1755.

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

### Exhibits/Demonstrations/Tours

**Evelyn Hofer: Interiors and Emerson in Italy**, Museum of Art exhibitions, through March 17, 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.

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

### Special Notes

**Men's-Women's Swimming and Diving: America East/Maine**, 11 a.m., Feb. 19-21. xBEAR.

**Sportsman's Show**, March 12-14, Field House and Gym.

**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.



# Sixth Annual Conference Set for High School Journalists

Pursuit of excellence is the theme of the sixth annual high school student journalism conference March 11, sponsored by the Maine Center for Student Journalism.

The statewide meeting of high school journalists will include workshops and panels led by professional journalists and students. Kris Ferrazza, the Maine Press Association Journalist of the Year and assistant editor of the *Lincoln County Weekly*, will be the keynote speaker.

Workshops and panels will generate an open exchange of ideas and experiences among student newspaper staff members and professional and college journalists, says Kathryn Olmstead, associate professor of journalism and director of the Maine Center for Student Journalism.

The day-long event will conclude with presentation of awards to winners in the 1998-99 Student Newspaper Contest. Individual student journalists will be recognized in the categories of news writing, editorial and opinion writing, review writing, sports writing, feature writing, photography, page layout and design. The James Russell Wiggins Trophy, provided by the *Ellsworth American*, will be awarded to the student newspaper that demonstrates general excellence in all of these categories. ▲

## RALLY CELEBRATING BLACK BEAR SPORTS

**11 a.m.-1:30 p.m., Wednesday, Feb. 24, Field House**

Join UMaine coaches Shawn Walsh, Joanne Palombo-McCallie and John Giannini and their teams for a rally celebrating this great winter of Black Bear sports.

The Field House opens at 11 a.m.; a program featuring the teams and coaches begins at noon. The UMaine Pep Band and cheerleaders will perform, and a spirit contest for students is planned.

## CALL FOR CLASS BOOK NOMINATIONS

The Academic Affairs Committee of the Faculty Senate is soliciting nominations from faculty, students, and staff for the University of Maine Class Book for the academic year 2000-01. Criteria for the class book include:

- ▼ The book should be of sufficient intellectual rigor and cultural interest to engage an audience of university faculty and students, yet broad enough to appeal to a diverse academic community.
- ▼ All nominations should be accompanied by a copy of the book (which will be returned to you) and a one-page statement outlining the arguments in favor of its selection.
- ▼ The book should be available in paperback and reasonably priced.

Send nominations to James Horan, chair of the Academic Affairs Committee, Department of Public Administration, 239 N. Stevens Hall. The deadline for nominations is Friday, Feb. 26.

**What book do you think we should be reading in the first year of the new millennium?**

## FORUM ON SCHOOL SAFETY RESCHEDULED

The public forum on issues of safety in schools and society, canceled Jan. 13 because of inclement weather, has been rescheduled. The Task Force on Safe Schools, a regional collaborative of education and community leaders, will sponsor the forum on Wednesday, March 3, 7 p.m., at Wellman Commons, Bangor Theological Seminary.

The Task Force, chaired by Robert Cobb, dean of the College of Education and Human Development at the University of Maine, has spent the past six months examining issues, trends, existing policy and resources, and the barriers schools and communities face in preventing and responding to youth violence. The purpose of the forum is to hear the concerns and seek the ideas of a broader constituency on addressing issues of incivility and violence in schools and society.

# Center Stage

## School of Performing Arts

### Musical Composition Debuts

The premier of *Vespona*, a composition for five players, will highlight the faculty recital of the work's composer, clarinetist Beth Wiemann.

The concert begins at 7:30 p.m., Monday, Feb. 22, Minsky Recital Hall.

*Vespona*, written last summer by Wiemann, will be conducted by Louis Hall and will be played by Bangor Symphony and UMaine Music Division performers. Hall, an oboist, also will perform with Wiemann in a performance of Marion Bauer's *Duo*, Op. 25.

Other faculty taking the stage with Wiemann will be Baycka Voronietzky, performing Brahms' *Sonate in E-flat major*, Op. 120, No. 2. Also on the program is Schumann's rarely performed *Fairy Tales*, for clarinet, viola and piano. Playing with Wiemann will be violist Anatole Wieck and pianist Phillip Silver.

# Look Who's On Campus

**RICK CURRY**, founder and director of the National Theatre Workshop of the Handicapped, will speak Friday, Feb. 26, 12:30 p.m., 100 Nutting Hall, on Education in the Fine and Performing Arts for People with Disabilities. NTWH, based in New York City and with a Maine campus in Belfast, is a non-profit organization founded in 1977 to provide persons with disabilities with the communication skills necessary to pursue a life in professional theatre and enhance their opportunities in the workplace. Curry is a Jesuit Brother who holds a doctorate in theatre from New York University. He has written extensively about disability and theatre. He also is the author of *The Secrets of Jesuit Breadmaking*, with proceeds benefiting NTWH.

# Oral Exams

**"Collective Efficacy and Collaborative Climate in Maine High Schools,"** by Sally Mackenzie, candidate for Ed.D. in educational leadership, 11 a.m., Feb. 19, 159 Shibbes Hall.

**"Bathymetric and Spatial Patterns of Settlement in American Lobster, *Homarus americanus*, in the Gulf of Maine: Insights into Processes Controlling Abundance,"** by Carl Wilson, candidate for master's degree in oceanography, 10 a.m., Feb. 23, Darling Center.

**"The Role of Political Theories and Religious Beliefs in a Maine Community's Conflict Over Educational Issues,"** by Gary Whiteley, candidate for Ed.D. in educational leadership, 9 a.m., March 5, 159 Shibbes Hall.

## DISASTER SERVICES COURSES

### Offered by American Red Cross and VOICE

Shelter Operations	Tuesday, Feb. 23, 6-9 p.m., 365 Stevens
Damage Assessment 1	Tuesday, March 16, 6-9 p.m., 365 Stevens
Serving the Diverse Community	Saturday, March 20, 9 a.m.-5 p.m., 365 Stevens
Emergency Services to Families 1	Saturday, March 27, 9 a.m.-5 p.m., 365 Stevens
Emergency Services to Families 2	Saturday, April 10, 9 a.m.-5 p.m., 206 Rogers

To register, call VOICE, 581-1796,  
or stop by the office, second floor, Union.

## People in Perspective

Challenge is what attracted Brenda Jordan to the military when she graduated from high school. Her ability to meet those challenges promoted her to the rank of Major in the U.S. Army in January.

Her promotion, based on her years of military service, merit, potential and civilian schooling, came after 12 years in the Army.

She is the only female officer ever to be at UMaine.

After graduating from Hampden Academy in 1983, Jordan went to the United States Military Academy in West Point – just three years after the first woman graduated from the predominately male school.

"We had no freedoms at West Point. You can't own a car (until senior year), you can't be married, you can't just leave," Jordan says.

The challenge of West Point forces 25 percent of the first-year class to drop out before senior year. However, Jordan was one of 90 women out of a class of 1,100 to graduate in 1987.

At West Point, Jordan ran varsity cross-country before switching to the marathon team. She also skied and competed in triathlons. She ran the Boston Marathon twice and the Marine Corps Marathon twice.

"I did pretty much a sport for every season. It was a way to get away from the academy," Jordan says.

Jordan's first assignment after graduating from West Point was as a communications officer in Fort Carson, Colo., with an engineer battalion.

Her second assignment was at Fort Bragg in an airborne unit. She was a communications platoon leader and completed the 82nd Division Jumpmaster Course, which enabled her to run airborne operations in the airplane. After her assignment at Fort Bragg, Jordan obtained her master's in environmental analysis from University of North Carolina.

Jordan came to the University of Maine three years ago, after working a civilian job as a project manager at the James W. Sewall Co., in Old Town.

She competes on the Maine National Guard Biathlon team, skate-skiing and shooting. She runs, swims, trains with the ROTC cadets, and, perhaps most challenging, she raises three young children.

"Army people stay very young at heart because they do things most people that age don't: jump out of planes, run with college kids, rappel," Jordan says.

Jordan's day begins at 5 a.m. with a trip from Hampden to Memorial Gym for an hour of physical training with the ROTC cadets. She then drives back to Hampden, gets her two oldest sons, Justin and Dillon, ready for school and her 2-year-old daughter, Mikala, ready for daycare.

On campus, Jordan teaches military science classes on such areas as basic leadership skills, first aid, values and ethics. She also teaches the rappelling class. Jordan is responsible for pay and scholarship issues for cadets, and is the manager of University ROTC budget. In between her duties, Jordan counsels cadets.

"We have an open-door policy. Cadets can come and talk to us about anything."

In the past three years, Jordan has seen changes in the ROTC program at UMaine. Today, almost 50 percent of the ROTC cadets in her classes are women. She also notes that the



Maj. Brenda Jordan receives the rank of major from her husband, Gary, in a promotion ceremony on campus. Lt. Col. Marc Girard, commander of the Black Bear Battalion, presided over the ceremony.

*Photo by Caleb Raymor*

newest cadets seem to be especially driven.

"Eight freshmen get up at 5:30 for physical training in the gym at 6. They don't have to do that," she says.

The ROTC program also expects its cadets to graduate within four years.

Four years was what it took for Jordan to earn her undergraduate degree at West Point. It's also where she met her husband, Gary, a West Point grad and now a Maine State Trooper.

Jordan was virtually a single parent when her first son was born during Desert Storm. Her husband was sent to Saudi Arabia the same day Jordan went into labor. He didn't meet Justin until he returned seven months later.

"There were hardly any men remaining at Fort Bragg. Justin was fascinated by male voices because he only heard mine and the lady's down the street."

Besides raising Justin alone and being on active duty, Jordan had 24-hour guard duty once a week.

At the formal promotion ceremony Jan. 26, Justin, Dillon and Mikala also had a part, pinning Jordan's rank on her hat.

Now Jordan's new title comes with even more challenges.

"It's a big change once you are a Field Grade Officer. There are more responsibilities, more power and more privileges," she says.

### PROFESSIONAL, FACULTY SEARCH, SELECTION GUIDE AVAILABLE

The Office of Equal Opportunity announces the completion of the new Professional and Faculty Search and Selection Guide. This easy-to-follow, step-by-step guide through procedural quagmire and legal quicksand is available at no cost from the Office of Equal Opportunity (x1226) or on FirstClass in the Equal Opportunity folder, (accessed through Campus Connection and then University Organizations).

# New Ph.D. Program in Computer Science Linked to Maine Economic Development

Beginning this fall, the University of Maine will offer a statewide Ph.D. program in computer science to support future growth in Maine's economy in the high-tech areas of computer software and other computer-related industries.

The program will support industry by training a pool of Ph.D.-level researchers who can help meet Maine industry's present and future research and development needs. Indirectly, the program will support the economy by helping to build the research and development infrastructure needed to attract and to retain high-tech industry.

A strong Ph.D. program also will strengthen UMaine's ability to attract and educate good students at the master's and undergraduate levels in computer science, according to George Markowsky, chair of the Department of Computer Science.

"The Ph.D. program will significantly improve the amount of advanced research in computer science taking place in Maine. This will strengthen our educational program at all levels and contribute to the development of the software industry in Maine."

The University of Maine System Board of Trustees approved the doctorate program at its January meeting. It is the eighth doctorate program established at UMaine since 1988; the University now offers programs in 22 Ph.D.s and an Ed.D. UMaine is the only higher education institution in Maine that awards Ph.D.s, Ed.D.s and Certificates of Advanced Study.

The Ph.D. program in computer science is expected to strengthen not only the state's research and development infrastructure, but also the infrastructure supporting the software industry. This industry is projected to be the fastest-growing segment of the high-tech area and an important segment of Maine's economy in the future. In the past five years, many new software companies have been developed in the state. In addition, the Maine Software Developers Association was established with the help of UMaine computer science faculty. Some existing Maine companies have shifted into computer-related areas and are focusing more on software and related products.

Examples of such Maine-based industries include the map manufacturer DeLorme Co. In recent years, the company has shifted its product line from solely paper maps and atlases to include software products. A recent UMaine computer science graduate was one of the lead developers of one of the company's products, 3D Explorer.

In Orono, Trefoil Corp., is a recent startup software company that relies heavily on talent recruited from and based in the

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Computer-generated digital image of Kessock Softball Field.

*Courtesy of Facilities Management*

## Kings Donate to Kessock Softball Field Project

Bangor authors Stephen and Tabitha King have given the University of Maine \$100,000 to help build a planned softball facility on campus. The gift, the most recent of many examples of the Kings' generosity to their alma mater, represents a significant step toward the fund-raising goal of \$800,000 needed to pay for the privately financed facility.

"Once again, Stephen and Tabitha have brightened our day with a generous gift," says UMaine President Peter Hoff. "Their commitment to providing opportunities of all kinds for Maine people and UMaine students serves as a wonderful example."

Plans for the facility, to be known as the Kessock Softball Field, have recently been completed. Construction on the field, which will be located beside Mahaney Diamond, could begin this year. The University hopes to have the field ready for play by the 2000 spring season.

The softball field project was announced in July, when UMaine benefactor Michael Kessock, also a UMaine graduate, donated \$300,000 for the purpose of building a softball facility. ▲

### ACAC CALL FOR INSTRUCTIONAL TECHNOLOGY PROPOSALS

#### \* NOTE: DEADLINE CHANGE \*

The Academic Computing Advisory Committee requests proposals for instructional technology projects, to be recommended to the Vice President for Academic Affairs and Provost, for funding from a portion of the Student Technology Fee monies. Proposals should develop creative and innovative uses of technology for the unit applying to support the teaching and learning mission of the University. Any unit or consortium of individuals (students, faculty and/or staff) in the University may submit a proposal.

These Instructional Technology Grants are intended to enhance the overall educational experience by funding innovative, creative projects that further the access to and use of technology in the classroom and throughout the University's learning community. The funds to support these projects come from the Student Technology Fee and therefore should "bring technology to students" in a manner that enhances the teaching and learning mission of the University.

Last year, 25 proposals requesting a total of \$550,000 were received. Of these, 18 received full or partial funding. Since there was considerable overlap between a few of the proposals, some were combined in order to gain efficiency in use of funds. In order for projects to be considered in this year's round of funding, 18 hard copies of the proposal must be received by Professor George Criner, 206 Winslow Hall, by **4 p.m., March 5.**

Copies of the RRP guidelines, evaluation criteria, budget format and cover sheet are available in hard copy or electronically. This information is also posted on FirstClass. For copies, contact Gail Cormier via FirstClass; phone, 581-3150; fax, 581-4278; Department of Resource Economics and Policy, 206 Winslow Hall.

### PRESIDENTIAL OUTSTANDING TEACHING AWARD

In recognition of the importance of outstanding teaching to the University of Maine, nominations are now being accepted for the 1999 Presidential Outstanding Teaching Award.

The Presidential Outstanding Teaching Award is presented annually to a tenured University of Maine faculty member who has demonstrated outstanding commitment to and ability in the teaching area, while maintaining a commitment to scholarship and public service. The recipient will receive a medallion and \$1,500.

Deadline for receipt of nominations is March 1. Late nominations will not be accepted.

Nomination forms can be obtained from Carole Gardner, Office of Academic Affairs, 201 Alumni Hall, e-mail: caroleg@maine.maine.edu or FirstClass: Carole Gardner or phone x1617.



# Kellogg Commission Calls for Engaged Higher Ed Institutions

UMaine President Peter Hoff and 26 other current and former state university presidents have developed a forward-looking plan aimed at shaping the ways in which public institutions fulfill their public service role and mission in the coming years.

Their open letter to the chief executives of the nation's state and land-grant colleges and universities, *Returning to Our Roots: The Engaged Institution*, calls on public institutions to become "engaged institutions" by:

- ▼ Responding to the needs of today's students and tomorrow's, not yesterday's
- ▼ Enriching students' experiences by bringing research and engagement into the curriculum and offering opportunities for students to prepare for the world they will enter
- ▼ Putting critical resources (knowledge and expertise) to work on the problems facing the communities they serve

"UMaine and other institutions like it must move from simply offering public service to full engagement – teaming with others to address the needs and opportunities of our communities, states, and nation," Hoff says. "To do so, we should create real partnerships with local communities, partnerships in which we define problems together, share goals and agendas, develop common definitions of success, and pool or leverage university, public, and private funds.

Hoff serves on the 27-member Kellogg Commission on the Future of State and Land-Grant Universities, a national panel created by a \$1.2-million grant from the W.K. Kellogg Foundation to the National Association of State Universities and Land-Grant Colleges (NASULGC). *The Engaged Institution*, the third in a series of Commission reports, is in the form of letters to public university officials, framing a vision for reforming public higher education and outlining actions for change.

Graham Spanier, Pennsylvania State University president, chairs the Commission; John Byrne, former president of Oregon State University, is the executive director.

The report stresses that engagement goes well beyond conventional, one-way notions of public service. "The Commission," says the report, "envisions partnerships, two-way streets defined by mutual respect among the partners for what each brings to the table." The report recommends:

- ▼ The institutions transform their thinking about service so that engagement becomes a priority on every campus, a central part of institutional mission
- ▼ Each institution develop an engagement plan measured against the seven-part template in this document
- ▼ Institutions encourage interdisciplinary scholarship and research, including interdisciplinary teaching and learning
- ▼ Institutional leaders develop incentives to encourage faculty involvement in the engagement effort
- ▼ Academic leaders secure stable funding to support engagement through reallocation of funds or establishment of a new federal-state-local-private matching fund

The report also presents 11 case studies illustrating pioneering ways land-grant and public universities have been working to become engaged institutions. The Commission cites seven guiding characteristics that seem to define an engaged institution: responsiveness, respect for partners, academic neutrality, accessibility, integration of engagement into institutional mission, coordination of efforts, and adequacy of resources.

The entire text of *Returning to Our Roots: The Engaged Institution* is available on-line at NASULGC's Website: <http://www.nasulgc.org>. ▲



Food Science and Human Nutrition graduate students developing Cookshop of Maine are, left to right, Susanne D'Angelo, Beth Bussell, Sue Tortello, Lori Doucette, Shari Hatch, Desiree Scott and Marybeth Judy. Associate Professor of Human Nutrition Adrienne White is on the far right.

## Nutrition Program Links Children, Cooking and Maine Agriculture for Better Health

Graduate students in food science and human nutrition are cooking up a curriculum for fourth graders in Olamont that is expected to find its way into classrooms throughout the state.

The seven graduate students are in the second semester of a yearlong project involving development and testing of a nutrition curriculum for children, made possible by two consecutive years of funding by Maine Nutrition Network, a partnership of state agencies and individuals, headed by coordinator Chris Sady.

The curriculum for the children's cooking and nutrition is modeled after Cookshop, a program developed in New York and being adapted to Maine. Here, the emphasis is on foods grown in the state. The expectation is that the full curriculum will soon be available for use by teachers throughout Maine.

"This was such an opportunity," says Adrienne White, associate professor of human nutrition. "Even though the students had a model for the curriculum, it was a massive conceptual project to decide how it should be developed for Maine. From deciding what Maine-grown foods to feature, what recipes to use for cooking projects, finding farmers to write letters to the children about growing food crops, developing teacher materials about where foods are grown throughout the world and in Maine, (graduate) students faced a number of interesting challenges."

These practical skills have helped to develop team building and improve oral and written communication, which are important competencies for the UMaine students in the combined graduate-internship program. The internship, established in 1993 and the only program in the state that is accredited by the American Dietetic Association, offers students the supervised practice required for eligibility to take the exam to be registered dietitians. This highly competitive program serves Maine students, as well as others from across the United States, and provides practicums in hospitals and community sites in Portland, Augusta, Waterville and Bangor. Fifteen UMaine students are currently in the program – seven junior (first-year) and eight senior (second-year) interns.

Last year, the first for the grant project, the senior interns focused on developing children's cooking lessons using grains and vegetables. This year, the junior interns developed lessons on fruits, dairy products and composting. Composting, an important

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## Graduate Student Studying Glaciers Around the World

*To dine with a glacier on a sunny day is a glorious thing and makes feasts of meat and wine ridiculous. The glacier eats hills and drinks sunbeams.*

By John Muir

Meredith Kelly started her undergraduate work at Tufts University knowing she was headed for a career in science, but not uncertain about which field. After taking one class in geology, she knew.

Kelly earned a double major in geological sciences and environmental studies at Tufts.

Her senior thesis was on ancient glacial lakes that formed in New England as ice retreated through North America. In New England, ancient glacial lake sediments provide records of climate for as much as 4,000 years during the last deglaciation.

Now in her graduate work at UMaine, Kelly continues to study glacial lakes, this time in Antarctica.

"The neat thing about climate study is the ability to develop records from all over the world and figure out what was happening on a global scale," says Kelly, who is conducting research with one of the world leaders in Quaternary studies, George Denton.

"Determining whether global change occurred simultaneously in different hemispheres, or whether the changes were out of phase, points to mechanisms driving climate."

In October 1997, Kelly and two other women – undergraduate Amy Benoit and Ph.D. candidate Brenda Hall (who earned a Ph.D. in 1996 and is now a post-doc at Woods Hole Oceanographic Institute) – were airlifted by helicopter from McMurdo base station in Antarctica to a dry valley called Victoria Valley 150 kilometers away.

Kelly spent three months in the field mapping the surficial deposits of the valley. The first month, she was with the other two women; the second month, she and Benoit worked alone. Denton joined the young scientists for the last three weeks of research.

"It was wonderful. And it was intense," says Kelly of her Antarctic experience and the research that took her there. "I expected it to be cold and it was, below freezing most of the time. In Victoria Valley, the sun went behind a ridge at night, and it was much colder without direct sunlight. A strong, persistent wind from the coast, 35 kilometers away, added to the cold. The valley is a polar desert.

"We didn't have to worry about getting wet because it rarely snowed. We got snow and ice to melt for water from a permanent snow bank, about five minutes from camp. We slept in eight-foot-square canvas tents and used a two-burner Coleman stove to cook. One of our best meals in camp was pizza. We packed our lunches as we worked long days away from camp. It felt like I was always working, even in camp at night picking through the samples gathered that day.

"The work was really challenging. I had never really been in the field on my own. It was an experience to be able to see an



Meredith Kelly, Victoria Valley, Antarctica

entire valley and know that my job was to make a map of everything that was there and to try to figure out the environments in which it was deposited. The project was a little overwhelming in the beginning. We were to map everything in a valley that took three hours to walk across."

Kelly's research, the focus of her thesis, is part of Denton's ongoing research in the Antarctic. "George has been working there for a long time, piecing together a well-knit story about what happened there climatically for the past 20 million years," says Kelly. "Two other graduate students from Quaternary and Geology

are down there now conducting research."

In Victoria Valley, Kelly found evidence of large proglacial lakes, some with levels as high as 700 meter elevation, that repeatedly occupied the valley throughout the past 10 million years. Today in the Antarctic, the lake levels in Victoria Valley are at approximately 400 meter elevation.

Many of the deposits were mapped in the '60s and early '70s and were interpreted to be glacial moraines (transported directly by glacial ice). Using a new model of sediment deposition developed by Dr. Chris Hendy at the University of Waikato in New Zealand, Kelly interpreted these deposits to have been transported and deposited by lake ice on a proglacial lake.

"In the '80s, some had the idea that the East Antarctic Ice Sheet collapsed during the Pliocene (3 million-5 million years ago), a time when global climate was slightly warmer than present. Such findings would imply that the ice sheet is not stable during periods of global warmth, and that if the present climate warms, the ice sheet may collapse, causing a 60 meter rise in eustatic sea level. Such proglacial lakes only exist in cold, polar climates. Therefore, if there is evidence for the existence of such lakes throughout the past 10 million years, that would preclude a collapse of the EAIS during the Pliocene.

"Today in terms of global warming, it is important to determine if the ice sheet is stable or not. We found evidence that it has been a polar desert, and that the EAIS has been stable for a long time."

Kelly says such a unique opportunity to contribute to research like this as a student is empowering. "You feel that all the time you've put into the work and thesis is meaningful and will be used as reference by other people. Now I'm working on getting an article published in a peer review journal."

Kelly finished her thesis in November, and this semester is working as a teaching assistant. She has been offered a Ph.D. position at the University of Bern and will leave for Switzerland at the end of May. There she will map the glacial features in the French Alps to begin to put together a climate history.

"Glaciers are influenced by climate and are a key to unraveling past global change. If we can piece together clues such as glacial erosional features and deposits, we can begin to develop a history of climate." ▲



## A Composer's Voice

Perky, spicy and smoochy – clearly not words typically associated with classical music composers.

But Beth Wiemann is contemporary. The music she writes is just the right experimental mix that keeps artists, audiences and critics intrigued – and coming back for more.

According to *Boston Globe* critic Richard Dyer, “Beth Wiemann’s *Ballad* gives us smoochy popular tunes undermined by slippery accompaniments, harmonies and counterpoint. The piece seems to point to a moral – you can’t trust these things.”

Stephen Blumberg of *San Francisco Classical Voice* notes that in *Hornpipe Dreams* for violin and tape, “the violin wanders through an electronic environment of filtered samples of Handel’s *Water Music* that echo through an aqueous cavern, only occasionally becoming dimly recognizable.”

Joan Reinthaler of the *Washington Post* says nine of Wiemann’s *Simple Songs* “projected their moods with the most immediate authority.” And *Village Voice*’s Leighton Kerner describes the Parnassus version of *Urban Contemporary* for violin and marimba as “a perky duo, slightly spicy in its leading lines and buoyant harmonies.”

There is this sense, says Wiemann, that experimental music has pretty much all been thought of “as if nothing else could possibly be done. If the intention is to be shocking, I agree that is pretty hard to do. But I write for different reasons.

“I’m writing to hear my music live, to see how it goes together and how someone performs it on stage. It is my personal voice, different from other composers’.”

Wiemann describes her works as abstract and full of texture with tone-color combinations. A number of her more recent pieces involve electronic backgrounds.

“I do a lot with contemporary poems and electronic recordings,” she says. “I make sound collections and see what is most promising to work with as a base of a piece.”

“The whole 20th century is a subset of the entire history of classical music, and my works are a subset of different 20th-century styles,” says Wiemann. “They are not in the style of Mahler, but they’re not Elliott Carter either. In a way, they are middle of the road. Recently in a New York concert, I came across as the most tonal composer there, which doesn’t usually happen.”

Wiemann, assistant professor of music and principal clarinetist with the Bangor Symphony, has been composing for more than 20 years. It is a passion that translates into her music and to the students she teaches at UMaine.

“I tell my students that it doesn’t matter how music looks on the page except for making sense to the performer, and that a piece should at least sound interesting to them. They also have to be clear about what they want a piece to do as they are composing, even if they eventually change their minds about how the piece should be put together,” says Wiemann, who in addition to composition and clarinet instruction, teaches analytical orches-



Beth Wiemann

tration, tonal counterpoint, 20th-century musical techniques and graduate theory seminars.

Wiemann grew up in Burlington, where she sang in church choirs and started playing clarinet in fourth grade. In junior high school, she took up guitar and in high school, piano. It was then that she started writing her own songs.

“My choir director and piano teacher were very supportive,” says Wiemann. “What was the most important gift from the church choir members was that I was able to write for actual performances during Mass.”

While her friends were playing rock and roll, Wiemann was writing and performing more classical works. However, at Oberlin College, she studied classical music with 490 other students.

“My Mom said I should be a doctor, but having someone’s life in my hands didn’t appeal to me,” says Wiemann. “When it was clear I was headed for a career in composing, my parents were straight-forward about it and let me know it was going to be hard. And they were right.”

Wiemann was one of three artists accepted to study composition at Princeton University. There she honed her individual – and individualistic – style.

“When I compose, I don’t write for an audience, I write for me,” Wiemann says, who is married to prominent composer David Rakowski, who teaches at Brandeis. “Although, when I am performing my own music, I am not listening to the piece but how I’m playing with the rest of the ensemble. At a concert of my work, I’m listening for what a performer does differently in the work.”

Today, most of the students who study with Wiemann are performers. For those who hope to have a future in composing, Wiemann looks for evidence in their past.

*continued on page 13*

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## **SAD Study May Lead to Treatment**

Psychological researchers have convincingly shown that people who suffer from depression can be effectively treated, but relief has been slow in coming to those who suffer from a related condition – Seasonal Affective Disorder, also known as SAD. Sandra Sigmon, associate professor of psychology, and two Ph.D. candidates, Nina Boulard of New York City and Stacy Whitcomb of Newburgh, are beginning a study that may lead to new treatments for SAD.

They are looking for women 18 years old and older who are willing to participate in their study this winter. The researchers hope to find 20 people for each of three groups.

"We want to compare women with SAD to women with a major depressive episode that is not related to SAD and to a group of women who have not had SAD and do not have a current episode of depression," says Sigmon.

Participants will receive compensation for an initial screening assessment, lasting about two hours, and subsequent tasks, which take about one hour.

The research is particularly important for Maine. People in northern states have a higher rate of SAD than those in southern states. Most sufferers are women. SAD is marked by feelings common to other forms of depression, as well as lethargy, craving for carbohydrates, weight gain and increased need for sleep.

Understanding the similarities between SAD and other types of depression, Sigmon says, could lead to new treatments for seasonal depression. Currently, the most common prescription is regular exposure to full-spectrum lights during winter months. In contrast, non-seasonal depression can be effectively treated with behavioral and cognitive methods.

"There is very little work being done on psychological treatments for SAD. If we find that SAD is similar to non-SAD depression, it would make sense that we might be able to apply these same treatments to SAD. The difference would be that, for people with SAD, we would tailor treatment more to the changing seasons, reactions to it, thoughts about it," she adds.

In a previous pilot study, Sigmon used behavioral and cognitive techniques with women who had a history of SAD. Data from that project are still being analyzed, but anecdotal evidence suggests that the cognitive and behavioral methods also work for SAD.

In addition, a 1995 study by Kelly Rohan, a former graduate student who worked with Sigmon, showed some similarities between SAD and other forms of depression. Sufferers of both tended to be highly concerned with their feelings and seasonal changes, a factor they called "rumination."

However, Rohan and Sigmon also found differences. People with SAD, for example, tended to react more strongly to light and dark stimuli. Reactions were determined by measuring the sweat produced on the hands of experimental subjects who were exposed to pictures of light and dark scenes.

In the new study, Whitcomb and Boulard will screen participants to determine if they suffer from non-seasonal depression or SAD.

During experimental sessions, subjects will complete questionnaires and take part in two types of tasks. Their heart rate and skin conductance will be measured as they are exposed to pictures with light and dark scenes. They will also be asked to solve groups of anagrams.

For more information or to participate, call Sigmon, 581-2052. ▲

## **Four Studies Focusing on Anxiety Disorders**

Volunteers are needed for four studies of anxiety disorders by faculty and graduate students at the University's Psychological Services Center. In each case, participants will receive free confidential assessments and recommendations for treatment, according to Jeffrey Hecker, associate professor of psychology and director of the Center.

In each study, volunteers will be interviewed on the phone and then in person. They will receive information about the nature of possible disorders they may have. If they meet criteria for participation in the studies, they will be assigned to an appropriate treatment project, which can last up to 12 weeks. All studies involve cognitive behavioral treatment.

Each of the studies is being conducted by students working under Hecker's supervision. His earlier research has focused on panic disorder, a condition marked by unexpected rushes of intense anxiety. He has shown that individuals can learn to cope effectively with that condition through use of a self-help workbook.

In a follow-up to earlier research on that condition, Hecker's current goal is to determine the personality characteristics of people who achieve the best results with self-guided treatment techniques. He also will focus on how they pass through stages of improvement.

Kristin Maki, a doctoral student from Boston, is studying anxiety associated with social situations such as speaking in public, dating and meeting new people. While cognitive-behavioral treatments have been shown to be helpful for people with social anxiety, Maki's study will be one of the first to examine the efficacy of self-directed treatment.

Elizabeth Kubik, a doctoral student also from the Boston area, is studying obsessive-compulsive disorder. She will evaluate the value of a self-help workbook with varying degrees of therapist assistance.

April O'Grady, a doctoral student from Brigus, Newfoundland, is studying body dysmorphic disorder, a condition that has been recently recognized as a distinct disorder. It is currently thought to affect 1.5 percent to 2 percent of the population. People with this condition display an intense, obsessive preoccupation with a feature or part of their bodies.

O'Grady's work will evaluate the relative importance of cognitive and behavioral techniques that are currently used to treat individuals with this disorder.

All treatment sessions will take place in the Psychological Services Center in Corbett Hall. Individuals can contact the Center, 581-2034, for more information. ▲

## **FACULTY RESEARCH FUNDS COMMITTEE SEEKS NOMINATIONS**

REMINDER - 1999 PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD nominations are due March 17 in the Office of Research and Sponsored Programs, 424 Corbett Hall. The award, in the amount of \$1,500, is made to a faculty member who has attained distinction in research or creative achievement. Each year, the Faculty Research Funds Committee makes nominations for the President's consideration, and the award is made at the Honors Convocation. Nomination forms are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, and in the offices of deans.



## News at a Glance

### UMAINE WOMEN'S HISTORY CELEBRATION HIGHLIGHTS WOMEN ON THE EDGE OF CHANGE AND SOCIETY

Women on the (cutting) edge will be the focus of this year's Women's History Celebration at UMaine, March 16-April 5.

Lectures, discussions, films and performances throughout the three-week observance will address issues facing women who are on the forefront of social change and women on the margins of society.

Among the highlights are a March 17 keynote address by Dyann Logwood, one of the founding publishers of *HUES* – Hear Us Emerging Sisters, a nationally distributed magazine for young women of all cultures and lifestyles. In "Speak Out!: Women Reclaiming Their Lives," Logwood will provide a black woman's perspective on the current state of women's issues and will share her vision for women reclaiming power to reclaim their lives.

Deborah Gray White, professor of history at Rutgers University and co-director of the Rutgers Center for Historical Analysis, is author of the recently released, *Too Heavy a Load: Black Women in Defense of Themselves, 1894-1994*. Her March 24 talk, "In Search of Sisterhood: The Million Woman March in Historical Perspective," will survey the major issues surrounding black women's 20th-century organizing and apply some of the conclusions to the recent Million Woman March.

The UMaine observance ends with an April 5 lecture/performance by Guerilla Girls, 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.

These and all other Women's History Month Celebration events are posted in the University of Maine Master Calendar.

### COMMUNITY PROGRAM TAKES CLASS BOOK DISCUSSION STATEWIDE

Members of the community will have a chance to debate issues and ideas raised by this year's class book in a series of discussions across the state.

Groups will meet in Camden, Orono and Portland for Continuing Education's Class Book Community Program to discuss *Lies My Teacher Told Me: Everything Your American History Textbook Got Wrong* by James Loewen.

Participants will consider the myths and misinformation of American history. Loewen spent two years at the Smithsonian surveying 12 high school textbooks of American history; *Lies My Teacher Told Me* is a critique of how that history was presented.

The discussions will be led by UMaine staff and faculty: Mazie Hough, Women in the Curriculum and Women's Studies; Sherman Rosser, University Recruitment; Maureen Smith, Native American Studies; Carol Toner, Maine Studies; and Robert Whelan, English.

The Camden program will meet at the Camden Public Library March 16 and March 23. The Portland program will meet at the Portland Performing Arts building March 22 and March 24; and the Orono discussion will be on campus March 18 and March 25.

All three groups will meet at UMaine March 30 for a public lecture and private dinner with James Loewen, a tour of Fogler Library and a demonstration of distance learning technology and showcase of the class book Web course.

### SECOND ANNUAL ALTERNATIVE SPRING BREAK TO BE SPENT IN DETROIT, HARLEM AND CHARLESTON

UMaine's LET'S Volunteer Alternative Spring Break program will send three groups of 12-15 students, faculty and staff to Detroit, Harlem and Charleston, S.C., at the end of February to work with local organizations doing community service.

ASB will work with Save Our Sons and Daughters (SOSAD) in Detroit, an organization founded to help promote peace and to counsel victims of inner-city violence.

In South Carolina, the group will work with the United Methodist Relief Center on repairing and renovating deteriorated or damaged houses in underprivileged rural neighborhoods.

The New York group will work with Emmaus House, a soup kitchen and homeless shelter, on projects ranging from repairs to the building to working directly with clients.

The Detroit and South Carolina groups will travel by van; the New York group will go by bus.

LET'S (Learning and Exploration Through Service) gives students the opportunity to challenge themselves by doing something they may not be entirely comfortable with – from making a presentation in front of an inner-city classroom or using a power tool.

The alternative break experience also promotes a spirit of volunteerism. The group hopes someday to grow to the size of programs at other universities. Places like the Universities of Kansas and Michigan run as many as 40 different trips or more in a single year.

According to organizers, this is why the group expanded to three trips this year, its second at UMaine. The more people who learn the benefits to volunteering and commitment to community, the better, they say.

ASB continues to raise funds through such activities as a swing dance, a bottle drive, selling exclusive University of Maine mugs made by Sandy Houtman of Orono, and an "Adopt An Alternabreaker" drive, in which patrons can receive a postcard from one of the trips in exchange for a donation.

The goal is to raise up to \$9,000 before spring break.

### MOON ROCKS ON EXHIBIT AT PLANETARIUM

Jordan Planetarium is the temporary home of several samples of soil and rocks from the moon. The exhibit is part of the Planetarium's celebration of the 30th anniversary of a peopled landing on the lunar surface.

"In these 30 years, there have been great advances in technology and medicine, but there has been nothing to compare with the adventure of exploration that took us to the moon," says Planetarium Director Alan Davenport.

The lunar samples are on display through March in the Planetarium lobby in Wingate Hall. Two are on loan from the collection at the Maine State Museum – a small fragment was one of 48 pounds of samples retrieved by the first lander mission, *Apollo XI*, and a larger pebble of volcanic moon rock was part of 200 pounds of samples aboard *Apollo XVII*, the last craft to visit the Moon in 1972.

A larger specimen also was borrowed for the exhibit from Goddard Space Flight Center in Maryland.

Special Planetarium shows during school vacation week offered many youngsters opportunities to view the specimens.



## Computer Science *continued from page 7*

University's Computer Science Department. Trefoil is the prime contractor on a \$1.1 million, four-year U.S. Department of Labor contract. It serves as the lead software developer for the Department of Labor's O\*NET information system, which will be a core component of the country's new labor market information system.

On campus, the Ph.D. program will increase the size of the computer science faculty, allowing a greater range of courses to be provided. In addition, the expanded level of research in the Department will greatly increase its ability to expose undergraduates to research early in their educational careers. Such exposure is important in preparing students for graduate school and developing the kind of independent thinking and problem-solving skills needed in today's high-tech industry, says Markowsky.

Most applicants for graduate study in computer science are interested in a Ph.D. program, notes Markowsky. Prior to the Ph.D. program, some of the Department's top graduate students were forced to leave to pursue a Ph.D. elsewhere, often just at the point that they could have been truly valuable to research projects here. Effectively, the Department was training researchers for other universities. And UMaine faculty were losing valuable research colleagues for long-term or large-scale research projects.

Currently, the Department of Computer Science has about 15 graduate students. The infusion of new faculty and expansion of the course offerings could increase the number of UMaine graduate students in computer science almost three fold.

Increased course offerings and faculty research base also will benefit industry that is seeking to provide professional development and training for employees. Such courses can be offered on campus and via distance education technology across the state to meet the needs of industry for courses on specialized and advanced topics. ▲

## Composer *continued from page 10*

"If they do not have anything written on paper or put on tape by the time they come to me and say they want to be composers, the commitment it takes is not there," says Wiemann. "If they haven't written up to this point, that tells me they are waiting for someone to tell them to do it."

To be a composer, one begins not only with commitment but a sound foundation in music theory and persistence.

"There is lots of rejection, just as there is for writers," Wiemann says. "As a composer, you are sending stuff and hoping someone plays it."

"One aspect that helps is if you have a lot of friends who perform. They can tell you what is working and what's not in your compositions. Basically it helps if you are not convinced that you have to write the same piece over and over, but rather know that you have to keep trying new things."

Measures of success in new compositions include finding no "gray music," or dead spots in a score. And whether a piece gets performed repeatedly.

Wiemann has a collection of songs, *Simple Songs*, that is ever-expanding, and there are certain early songs in the cycle that almost every singer has chosen to do. Begun in 1990, the song cycle now includes 22 pieces, including 20th-century English and American poems set to music for soprano or piano.

Among her upcoming new works will be a composition written for the University Singers to debut on its European tour in 2000. The work will be composed for performance with and without chamber orchestra. ▲

## Teen Parents *continued from page 2*

The core of the PUSH project, Ordway says, is a nationally tested curriculum known as Partners in Parenting Education or PIPE, a relationship-based curriculum developed at the Prevention Research Center for Child and Family Health, University of Colorado, Denver.

PIPE starts from the premise that stimulating good mental health requires appropriate communication between parents and their infants. Moreover, parents need to understand their babies' needs and abilities at important developmental stages, Ordway adds. Reading and talking to infants are time-tested ways in which parents can promote healthy development, but in some cases, young parents feel they are too busy with other activities.

Through the work of Peppey and other professionals, UMaine social work and Husson psychiatric nursing students will receive training in the PIPE program and work with teen parents to put it into practice. According to Teresa Steele, professor and the director of the Advanced Practice Psychiatric Nursing Program (APPNP) at Husson College, the project provides an important interdisciplinary experience for the students. Mental healthcare professionals often work closely with people in other disciplines, especially in rural areas, she notes.

According to Peppey, the students are learning to address the stresses faced by teen parents, understand their healthcare issues and make referrals to appropriate healthcare providers as needed.

The PUSH group is also monitoring the program to determine if it is effective. "This is one of several projects in Maine targeting infant mental health, and we feel is important to have a research component to evaluate the results," says Ordway.

PUSH is an informal group that includes representatives from state and local healthcare agencies, physicians and colleges and universities. Its goal is to improve local mental health services and professional capacity. The group has received support through a grant from the U.S. Public Health service to UMaine's Margaret Chase Smith Center for Public Policy. ▲

## Nutrition Program *continued from page 8*

component of the curriculum, is integrated throughout the lessons. A composting bin, alive with earthworms, will be kept in the classroom during the five-week curriculum. Children will feed the worms appropriate leftovers from their cooking lessons.

Starting this month, the interns take their lessons to the Helen S. Dunn School in Olamon, where students, parents and teachers, Sidsel Michaud and Jill Knickerbocker, will cook and eat, and learn about Maine agriculture. Chris Sady also will participate in the activities.

"The children are so excited," says White. "Some have brothers and sisters who were in the class last year and they told stories of eating and liking foods they had never tried, like ployes made with buckwheat from an Aroostook County farmer. The program provides an important link among students, parents, teachers, the state and the University."

This year, two of the interns working on Cookshop of Maine were among the first students White taught when she joined the UMaine faculty in 1988. Susanne D'Angelo and Shari Wilson Hatch have recently returned to their alma mater to pursue master's degrees. They, along with the other interns, have put in many hours of hard work turning the knowledge of nutrition into practical skills. They find pride in the 11-lesson curriculum that links children and cooking with Maine agriculture for better health. ▲

## Capitol Hill *continued from page 1*

composites, rural health, communication disorders, agriculture, education, marine structures and geographic information systems. In each case, partnerships have developed between UMaine researchers, federal agencies and business community.

In some cases, existing federal support has already generated considerably more research dollars for Maine. For example, base funding of \$2.2 million for the Maine Agriculture and Forestry Experiment Station leveraged another \$9.9 million last year in new private, state and federal grants and contracts and product sales. Seed money through the Experiment Station also has led to multi-million dollar programs in wood composites and environmental research.

Many new initiatives involve Maine businesses. Among those targeted by UMaine are:

- ▼ \$2 million for a new initiative on infant hearing and learning disorders
- ▼ \$10 million to \$12 million for expanded development of chemical and biological sensor arrays to monitor for many potential pathogens and toxic agents simultaneously
- ▼ \$15 million for advanced engineered wood composites
- ▼ \$3 million to \$5 million for development of an ocean engineering research center
- ▼ \$3 million for remote sensing research with the U.S. Navy
- ▼ \$2 million for new agricultural and forestry projects ▲

## Campus Living *continued from page 2*

University community with a plan for constructing new residence halls. One of the key criterion for what we do and where we do it is the impact hall construction will have on dining.

"Currently from a business standpoint, Stodder Commons is less viable because there are not enough residences halls close by. Two solutions are possible – get more residents or close the dining hall, leaving students in Penobscot, Ballentine and Stodder Halls with no nearby dining commons. Clearly from a Residential Life standpoint, maintaining quality of life for those students means having a dining commons. By integrating dining and housing, the University will make the best decisions over time about these and other residential and dining issues."

One of the characteristics of the University of Maine is that it is a residential campus serving a largely traditional-age student population, says Anderson. "Campus Living is an area of operation that needs to be very well run to ensure high-quality student experience. We will ensure that high quality through an integrated model." ▲

## Directory Changes

**Peter Milligan**, Post-Doctoral Research Associate, Darling Marine Center, Walpole, Maine 04573; e-mail - peterwm@maine.edu; phone - 563-3146, ext. 211; fax - 563-3119.

**Jessie Gunning**, Bookkeeper, School of Marine Sciences, 214 Libby Hall; e-mail - Jessie\_Gunning@umit.maine.edu; phone - 581-4366.

**Wilbur Lapage**, Forest Management, 581-2834.

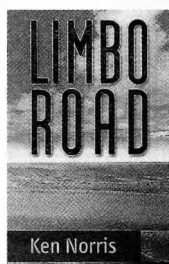
**Brenda Grant**, Secretary, Alumni Activities and Events, General Alumni Association, Crossland Center; e-mail - brenda@maine.maine.edu; phone - 581-1143.

**Jim Frick**, Alumni Publications, General Alumni Association, 581-1147.

**Jane Morse**, Lecture III, English Department, 301 Neville Hall, 581-3825; 402 Neville Hall, Writing Center, 581-3828; e-mail Jane\_Morse@umit.maine.edu

## V O L U M E S

*Recent Works by University of Maine Authors*



***Limbo Road***  
By Ken Norris  
(Talonbooks 1998)

The betrayal of a beloved can shatter the poet's vision and can turn the world upside down. What was loved is hated, what was benign is threatening, what was dangerous is embraced, what was worshiped is murdered, and what was past is future. The author is cast adrift, to wander the earth from Tahiti to Prague, from Morocco to Miami, "in limbo" in a newly unknown world.

Part divorce journal, part travel poem, part meditation on the rudderless denizens of the global village of which the author is merely one, *Limbo Road* chronicles the search for the new beloved, the one who will lead to the new "City of God." That she appears only in glimpses is a credit to Ken Norris' adept reading of the late 20th century, and his disciplined mapping of its increasingly unknown territories.

Louis Dudek of the quarterly journal, *Poetry Canada*, noted that from all of Norris' books taken together "I get a better sense, a tragic and painful sense, of the age we are living in than I do from the daily and nightly broadcasts of world news."

Norris, professor of Canadian literature at UMaine since 1985, is the author of two dozen books and chapbooks of poetry, and the editor of eight anthologies of poetry and poetics. In the 1970s, he was one of Montreal's Vehicule Poets.



***The Kalendarium of John Somer***  
By Linne Mooney  
(University of Georgia Press 1998)

Franciscan friar John Somer was a contemporary of Geoffrey Chaucer. By 1380, Somer established such a reputation as an astronomer that he was asked to write the new calendar for Joan, Princess of Wales.

Medieval calendars like this were similar to almanacs, containing days of the months marked with saints' days, astronomical data and medical practices such as bloodletting. Accurately predicting the movements of sun and moon in the skies over England, the authoritative calendars were used by English physicians, astronomers and astrologers for nearly a century.

While other English calendars existed, Somer's *Kalendarium* was the most widely disseminated and the only one where the canon was translated for a more popular audience.

Somer was known for the accuracy of his *Kalendarium* tables, which predicted such astronomical events as solar and lunar eclipses. In addition, a number of other scientific works are ascribed to Somer in manuscripts of the late 14th–16th centuries.

Today, the *Kalendarium* survives in at least 33 complete and nine partial copies.

*The Kalendarium of John Somer* by medieval scholar Linne Mooney, associate professor of English, is published by the University of Georgia Press as part of the Chaucer Library series. It is Mooney's second book.

**David Brown**, associate professor of educational leadership, and **James Artesani**, assistant professor of special education, "Special Education: Challenges for Rural School Systems," *Journal of Research in Rural Education*, 14:2, (Fall 1998). Artesani was guest editor for this special issue examining Special Education in Rural Communities.

**Janice Kristo**, professor of literacy, and **Mary Giard**, UMaine M.Ed. graduate and teacher, Turner Primary School: a chapter, "A First-Grade Whole Language Teacher Talks about the Principles that Guide Her Practice and Decision Making";

**Rose Casement**, recent doctoral graduate in literacy: a chapter, "ZPD + LEA = Reading for Special Needs Children: A Formula for Success," *Practical Classroom Applications of Language Experience: Looking Back, Looking Forward*, Allyn and Bacon (1999).

**Jeffrey Wilhelm**, assistant professor of literacy: lead article, "Learning by Being: Drama as Total Immersion," *Voices from the Middle*, 6:2 (December 1998).

**Daniel Sandweiss**, assistant professor of anthropology and Quaternary studies: "El Niño and the Archaeological Record in Northern Peru," *SAA Bulletin*, 17(1): cover and 9-11 (1999). (SAA is the Society for American Archaeology, the national association for archaeologists).

A letter from recent doctoral graduate in literacy **Carolyn Leick** spurred the editors of *Language Arts* to solicit responses, which are featured in the November edition (76:2). In her open letter to renowned writing expert Donald Graves, Leick drew on her vocal training to pose the question, What is the meaning of "out of context?" To explore the question, the journal editors invited language arts researchers to respond to the questions from varying perspectives.

Officer **Deborah Mitchell**, crime prevention specialist, Department of Public Safety: "A Focus on Two Drugs Used to Commit Rape," *Campus Safety Journal*, pp. 20-1 (Winter 1998).

**Ramesh Gupta**, professor, Department of Mathematics and Statistics, co-authored with SNUA Kirmani, University of Northern Iowa: "On the Proportional Mean Residual Life Model and Its Implications," *Statistics*, 32:175-87 (1998).

**Walter McIntire**, professor of education and director, Center for Research and Evaluation, and **Jaekyung Lee**, assistant research professor: "The Relationship Between Parent Perceptions of School Quality and Student Performance in Maine," *Journal of Maine Education*, XV:1 (Winter 1999).

**Denison Gallaudet**, doctoral student in education and economics: "The Market for Public Schooling in Maine - The Case of Special Education," *Journal of Maine Education*, XV:1 (1999).

**Russell Quaglia**, associate professor of education and director, National Center for Student Aspirations: "Neglecting the Present is Sabotaging the Future," *Journal of Maine Education*, XV:1 (1999).

**Douglas Flewelling**, project manager and research scientist with the National Center for Geographic Information and Analysis, and **Max Egenhofer**, director of the National Center for Geographic Information and Analysis, College of Engineering's Libra Professor, associate professor in spatial information science and engineering, and cooperating associate professor in computer science: "Using Digital Spatial Archives Effectively," *International Journal of Geographical Information Science*, 13(1):1-8 (1999).

**Margo Lukens**, associate professor of English: "Mourning Dove and Mixed Blood: Cultural and Historical Pressures on Aesthetic Choice and Authorial Identity," *American Indian Quarterly*, 21:3 (Summer 1997).

## Book Ends

### New & Noteworthy at the University Bookstore

**Eucalyptus**, Murray Bail, Farrar Straus Giroux (1999). In New South Wales, a man plants hundreds of eucalyptus trees for his daughter Ellen. As she grows, so do they, filling the landscape and making a virtual outdoor museum of trees. When she is 19, he announces that she can marry only the man who can name the species of each and every tree on his property, and suitors emerge from all corners. *Eucalyptus*, at once a modern fairy tale and a touching love story, is played out against the landscape of Australia, its history, and its people. A book full of wisdom about art, feminine beauty, landscape and language that reaffirms the seductive power of storytelling.

**A Hard Time to be a Father**, Fay Weldon, Bloomsbury Publishing (1999). Here are 20 sparkling new tales about the way we live now as lovers, partners, children, parents - or alone. Stories that enlighten us to the true and timeless nature of the human condition, in this new age of self-knowledge.

**House of Sand and Fog**, Andre Dubus III, Norton (1999). On a road crew in California, a former Iranian Air Force colonel yearns to restore his family's dignity. When an attractive bungalow becomes available at auction for a fraction of its value, he sees a great opportunity for himself, his wife and children. But the former owner, an alcoholic down on her luck, doesn't want to lose her house, and her married lover, a cop, is driven to extremes to win her love and save the home. In this novel, Andre Dubus has illuminated one of the great issues of the end of this century - the collision of cultures. In this page-turning, breathtaking novel, the characters walk off the page and into your life.

**The Essential Gore Vidal**, Edited by Fred Kaplan, Random House (1999). A tome of Vidal's work, including fiction, non-fiction and 25 essays on the many subjects that engaged Vidal throughout his long career.

**Survivor**, Chuck Palahniuk, Norton (1999). From the author of the underground sensation *Flight Club* comes this mesmerizing, unnerving and hilarious vision of cult and post-cult life. An original new writer with a novel for the millennium.

### Power Interviewed by National Public Radio

Brenda Power, associate professor of literacy education, was interviewed by Claudio Sanchez, education reporter for National Public Radio, for a feature on the release of the 1998 National Assessment of Education Progress report. Power was asked to speak about Maine's No. 1 ranking on the 1994 exams, and why so little attention has been paid to the policy reforms that led to that success.

### Batuski, Miller Continue to Make Headlines

Research on galactic superclusters by David Batuski, Department of Physics and Astronomy, and graduate student Chris Miller continues to appear in national and international media. Among recent media organizations that have picked up the story: *London Times*, *Boston Globe*, *Cleveland Plain Dealer*, *Denver Post* and two on-line services, *ABC On-Line* and *ScienceNow*.

### Caron Talks with Glamour and Parents Magazines

Sandra Caron, associate professor of family relations and human sexuality, interviewed with *Glamour* magazine about the views and values of different cultures regarding sex. She also interviewed with *Parents* magazine for a story on how to raise children to have healthy attitudes and values about sex. Caron is the author of *Cross-Cultural Perspectives on Human Sexuality*.

### Fried, Moen Talk Politics to National Media

Amy Fried, assistant professor of political science, was interviewed by Joanne Moriarity of Newhouse News Service about U.S. Senate's votes regarding witnesses and dismissal in the Senate impeachment trial of President Clinton. Fried also responded to a ProfNet inquiry from *L'Express*, a newsmagazine in France, and gave her thoughts on the current Republican strategy in the impeachment trial. Fried and Department of Political Science Chair Matt Moen spoke Feb. 2 with a reporter from Fox News, who was working on a story about the role Maine's senators are playing in the impeachment process. The story appeared on the Fox Website.

### Milardo a Resource for Public Broadcasting Series

Robert Milardo, professor of human development and family relations, interviewed with a Public Broadcasting System producer as a resource for a coming series on the American parent, which will examine controversial issues such as the effect of conflict and divorce on children, the influence of fathers and poverty.

### Amar Cited in National Computational Science Alliance Newsletter

The most recent National Computational Science Alliance on-line newsletter, *Data Link*, included an article on federal programs aimed at cultivating computational research at colleges and universities. Gerry Dube, technology services director of UNET (the University of Maine System Network for Education and Technology Services), provided information for the article in which François Amar of the UMaine chemistry faculty was quoted.

The following students from the Bio-Resource Engineering Student Club attended a leadership conference, "Maine Student Leadership Cooperative: A Conference for Student Leaders in the State of Maine," Maine Maritime Academy, Jan. 29-31: **William Buss, Brian Lafaille, Jennifer Seitz, Phillip Tarbox, Danielle Wentworth.**

**Dorothy Breen**, associate professor of counselor education, was among selected school counselors comprising a delegation to the People's Republic of China. The late fall trip to Beijing, Xi'an, Hong Kong and other areas, was organized by the People to People Ambassador Program and led by the American School Counselor Association. In China, the counselors shared expertise and practice techniques with educators of all academic levels at counseling centers, mental health clinics and universities.

**Paula Moore**, assistant professor of literacy, presented at the Texas Women's University's annual Reading Recovery Conference and Early Literacy Conference, both held in November in Dallas. Her topics were "Beyond the Early Strategies: Fostering Children's Processing at Text Levels 6-10"; and "Principles for How Words Work: Helping Children Understand and Use Them."

**Keith Lancaster**, coordinator, Maine Center for Coaching Education, and **Lorie Lindyberg**, director, Sports, Schools & Learning Results project, gave a presentation, "Assessing the Quality of the Quality of the Sport Experience: Formalizing Student & Parent Roles," at the 29th annual conference of High School Directors of Athletics, Dec. 14-16, Las Vegas.

Literacy faculty members gave a variety of presentations at the Nov. 19-24 National Council of Teachers of English Conference in Nashville. Professors **Janice Kristo** and **Rosemary Bamford** presented at a session, "Making Facts Come Alive: Children as Writers of Nonfiction." Kristo co-chaired the session with recent literacy doctoral graduate **Karen Johnson**, and literacy doctoral student **Sandip Wilson** served as recorder/reactor. **Brenda Power**, associate professor, presented "Talking for A Change: Conversation Patterns Among

Teachers." **Jeff Wilhelm**, assistant professor, was a keynote speaker at a workshop on Middle School Readers, where his topic was "Adolescents, Relevance, and Reasons to Be a Reader." Wilhelm, and **Peggy Jo Wilhelm** of the music faculty, also presented at a workshop on "Dramatic Encounters: Drama Strategies to Assist Reluctant Readers to Engage with Young Adolescent Literature."

**Alfred Leick**, professor of spatial information science and engineering, has been awarded a fellowship in the American Congress of Surveying and Mapping (ACSM). The ACSM includes more than 7,000 surveyors, cartographers, geodesists, and other spatial data information professionals working in both public and private sectors throughout the world. Leick was honored for "outstanding accomplishments in the field of surveying and mapping." He specializes in global positioning system technology and is the author of one of the primary textbooks in that field, *GPS Satellite Surveying*, published in 1990. In recent years, his research has focused on mathematical techniques to integrate signals from the U.S. and Russian global positioning systems.

**Jeff Wilhelm**, assistant professor of literacy education, gave an address, "The Why, How and What of Reading," at the Texas Council of Teachers of English conference, Feb. 5, Ft. Worth. He also gave two presentations, "What Happens When We Read" and "Really Teaching Reading," on Feb. 5-6 at workshops sponsored by the San Antonio Reading Council and the Northeast School District, San Antonio.

**Russell Quaglia**, director of the National Center for Student Aspirations, gave the keynote address, "Eight Conditions That Make a Difference," at the annual conference of the Maine School Counselor Association, Feb. 4, Rockport.

Assistant Athletic Director **Sean Frazier** has been chosen as one of six ethnic minority or female athletics administrators to participate in the NCAA Fellows Leadership Development Program for 1999-2000. The mission of the program is to enhance employment and leadership opportunities for ethnic minorities and women at the senior management level of intercollegiate athletics administration.

Professor **Dennis Cox**, music, was the guest choral conductor for the 125-voice high school honors choir of the District II Music Festival, Jan. 29 - 30 at Oxford Hills Comprehensive High School in South Paris.

**Howard Segal**, Bird & Bird Professor of History, lectured on high-tech utopian visions at Georgia Tech and at West Georgia University, Feb. 8-9.

#### ACCOUNTING STUDENTS PASS CPA EXAMS WITH FLYING COLORS

Wendy Coons of Madison, a non-degree student in the Division of Lifelong Learning, has become the third UMaine accounting student in the past two years to pass the entire CPA exam on the first try.

Only about 10 percent of CPA candidates pass all four parts of the exam on their first attempt. About 50 percent fail to pass even one part. The overall pass rate is about 30 percent.

Coons took the exam in November. According to Steve Colburn, associate professor of accounting, two other outstanding students, Lydine Hannula and Marnie Reeve, also succeeded in passing the CPA exam on the first try in 1997.

Coons received a bachelor's degree from the University of Vermont in 1977. She enrolled at UMaine to take the accounting courses needed to qualify for the CPA exam and change careers.

As a UMaine student, Coons volunteered to tutor students taking Principles of Accounting I and II. She volunteered for VITA, the Volunteer Income Tax Assistance Program sponsored by the IRS, with other students from the Maine Business School. Also, she helped Wayne Ingalls develop a Web-based case project for Principles student.

Coons is now with the firm of Robert C. Barton, CPA, in Oakland.

#### BOUCIAS TAPPED TO EXPAND ROLE WITH SOROS FOUNDATION

Karen Boucias, director of the Office of International Programs, is one of 10 people nationwide selected by the Open Society of the Soros Foundation to conduct in-country interviews of potential scholarship recipients.

This is the first time the foundation has chosen university representatives to conduct interviews of students who have applied for Open Society scholarships to study in the United States for one year. Beginning Feb. 20, Boucias will travel to Estonia, Latvia and Lithuania for eight days.

Representatives from American universities will visit a total of 22 countries in central and eastern Europe and Asia.

Boucias has worked with the selection committee for foundation scholarships, which meets annually at the foundation's headquarters in New York to select scholarship winners.

"We always say we wish we could meet those students because they look so good on paper," says Boucias. "It's going to be a wonderful opportunity to meet the students before we make the final selection in March. It should make the selection meeting more interesting."

The Soros Foundation was begun by Hungarian financier George Soros to develop educational programs for young people in eastern Europe and the countries of the former Soviet Union. The Open Society scholarships allow students to study in the United States for one year. These students are then expected to return to and graduate from the universities in their home countries.

The undergraduate exchange program began in 1994 with four countries represented and 34 students. In 1999, there are 24 countries represented and 75 students studying in the United States. There are currently two students from the program attending UMaine and more are expected in the future.

"We have hosted Open Society program coordinators at the University of Maine before, so I think they have a good feeling and understanding about this university at both the undergraduate and the graduate level," says Boucias. "We assign each international student a faculty advisor and provide services for these students so we know they will be well taken care of and have a good academic experience."

Boucias says that participation in this program benefits both the students who participate in exchange programs and the universities that host such programs.

The Office of International Programs is responsible for the undergraduate admissions of international students. The office does all of the immigration advising for the University of Maine and handles study abroad programs and university linkages.

## U.S.-Iran *continued from page 2*

In 1996-1997, Baktiari was invited to give lectures at the Council on Foreign Relations in New York, the Columbia University Seminar on Middle East Politics, and the National Defense University in Washington. He is currently working on an edited volume, *The Middle East in a New World Order: The Imperative of a Holistic Approach*.

In January 1998, Baktiari was invited to Washington by Secretary of State Madeleine Albright to talk about Iran. Joining the discussion were other experts on Iran from Columbia, Harvard and New York Universities, Barnard College and the University of Virginia. Last June, he returned to Washington to brief congressional staff of the International Relations Committee on Iran.

"I had just written a piece on the presidential elections in Iran that appeared in *Mideast Insight Journal* that Secretary Albright liked," says Baktiari. "She mentioned that I brought a perspective that makes what is happening in Iran understandable to nonspecialists."

Recommendations made to Albright included improving exchanges in athletes and academic scholars between the two countries. The key, says Baktiari, is in enhancing and facilitating people-to-people exchanges.

Last October, Baktiari also was in London for a conference on the Mideast, Islam and international politics. One of 50 internationally recognized scholars invited to participate in the conference, Baktiari chaired a panel on Iran and presented a paper on the impact of technology on diplomatic relations.

"The sticking points like U.S. reluctance to release frozen assets and reduce American troops in the Gulf are too difficult," he says. "When there are no diplomatic relations, the question is what is the second best way to establish dialogue."

"It is parallel-track diplomacy to make negotiations over other issues easier. As a result in the past year, Iranian scholars have visited the U.S. The American wrestling team competed in Iran and for the first time, the American National Anthem was played. Last September, Iran sent its President to the United Nations in New York, the first visit by an Iranian leader in 10 years."

"Our long-term goal is to encourage establishment of formal exchange between Mideastern and U.S. universities, including Iran," says Baktiari. "The conference (in January) was organized to break the ice."

In Baktiari's research on the Mideast and the future of foreign policy, Iran remains a pivotal player. "Iran is a critical component that has brought about important American foreign policy issues," he says. "The U.S. government has spent more time on Iran than on any other country with sanction laws, embargoes, Iran Contra. Iran is a nation that shares boundaries with 15 countries, and it has 800 miles of coast on the Persian Gulf. Prior to 1979, it had a good relationship with the United States. Now with significant interest in improving relations, the tone is changing."

In the next academic year, Baktiari will be a Visiting Professor of Political Science at American University in Cairo. ▲

### FAST SYSTEM TRAINING AVAILABLE

Training sessions on the use of on-line FAST (Financial Accounting System) will be offered in 111 Corbett Business Building on the following days: Wednesday, March 3, 9-10 a.m.; Thursday, March 11, 1-2 p.m. All are invited to attend. Contact Beth Morin, x1552, to reserve a space. Class size limited to 20 participants per session.

## We Remember

### David Huntington

The faculty of the Bio-Resource Engineering Program have learned of the death of colleague David Huntington. Huntington died in Alfred, N.Y., Dec. 18.

Huntington received his Ph.D. from Cornell University in 1953 and became a member of the University of Maine faculty in the Department of Agricultural Engineering that same year. He taught the machinery design courses in the Department for several years and then moved to the administration of the College of Agriculture in the assistant dean position, serving under Dean Winthrop Libby. Huntington went on to become associate dean for instruction and served in that position until 1964, when he left Maine to become the seventh president of Alfred State University. When he retired from that position in 1986, he had the distinction of being the longest serving president in the SUNY system.

Huntington is remembered by his students and colleagues as a teacher with uncompromisingly high standards and one who gave unstintingly of his time and energy to help students in his courses meet those standards.

### Bette Morrison

Bette Morrison, who was employed at UMaine for 34 years, 17 of those years as a Records Technician in the Office of Student Financial Aid, died Jan. 29 at the age of 59.

During Morrison's many years at the University, students always came first. Colleagues note that she really cared about students and their problems, and did all she could to assist them.

Morrison had a special, on-going relationship with the students in the Onward Program. Not only had she worked at Onward for several years, but when she transferred to Student Financial Aid, she served as a liaison between the program and the aid office.

Morrison had a calming effect on all who came in contact with her – whether the parent of a new student, or that shy first-year student leaving home for the first time. She would gently walk them through the process, dispelling their anxieties as she softly told them not to worry and to call back if they needed further assistance.

Morrison had an unforgettable personality. Colleagues always knew when the avid bingo player won big – she brought donuts for everyone in the office. "Morrison always had the welcome mat out, whether for a bridal or baby shower or just one of her pool parties. She was a great hostess." The Student Financial Aid office benefited from her green thumb. Office plants flourished, except December through March when Morrison took her annual leave in Florida.

Morrison loved music. She was an active member of St. Mary's Church, where she played the organ and sang in the choir. Many of her lunch breaks were spent preparing music for Sunday services.

Although Morrison had changed positions over the years, her career began in Wingate Hall with the Student Records Office and ended in Wingate with the Student Financial Aid Office.

Her smiling face will be missed by all who came in contact with her.

Send notices of upcoming campus events  
to *Maine Perspective* for the UMaine Calendar.



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**HOUSE:** Contemporary 4-BR house with attractive floor plan on College Avenue, Orono. Hardwood

floor, 2 fireplaces and 4 (2 full) bathrooms. Family room with cathedral ceiling. Attached garage. Abuts University property. Asking \$129,000. Call 827-2859.

#### FOR RENT

**HOUSE:** Two-BR furnished house on Maine coast in small fishing village. 11/2 hours from Orono. Sept. 1, 1999-Aug. 1, 2000. 2 studies. Unique design. Harbor view. Call Peg, 963-7783.

**HOUSE:** Two-BR house near campus. Garage, private yard with flower gardens, new paint throughout. \$600/mo.; \$600 dep. Pet OK. Call Kath, 469-9923.

#### MISCELLANEOUS

**BEANIE BABY RAFFLE:** University Credit Union's Social Responsibility Committee will raffle a Ty® Erin Bear and Ty® Princess Bear. Tickets are \$1 and on sale at the Credit Union. Drawing March 17. Proceeds benefit the Credit Union's 1999 Christmas family.

#### 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 a future event and want to check for other events 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.umaine.edu/~paffairs/perspectiveweb/mastercalendar.html](http://www.ume.umaine.edu/~paffairs/perspectiveweb/mastercalendar.html)).

#### WOMEN IN THE CURRICULUM SUMMER GRANTS

The Women in the Curriculum Program is committed to supporting scholarship on women and to assisting in the development of a university curriculum that is inclusive of the history, contributions, values, aspirations and perspectives of women as well as men. Toward these goals the WIC Program offers grants to University of Maine faculty in all departments for (1) curriculum development and revision, (2) research projects, (3) projects aimed at improving the academic climate for women students, and (4) focused programs of reading.

#### Eligibility

- ▼ Individual faculty members whose affiliation with the University is expected to continue next year
- ▼ Departmental and interdepartmental faculty teams are eligible and encouraged. As long as at least one faculty member is centrally involved, teams may include professional and classified staff, students, and others from the community, if appropriate
- ▼ College committees on teaching
- ▼ Faculty who have recently begun exploring scholarship on women, and those with experience in Women's Studies scholarship and teaching
- ▼ Past WIC grant recipients, except those receiving grants last year

#### Timing

Preliminary proposals are due March 5, and final proposals are due April 5. Notification of awards should be made around April 26. Awardees ordinarily participate in one or two group sessions in May after graduation. It is expected that the rest of the funded work will be completed during the summer. Certain parts of projects which involve workshops or colloquia with outside speakers or consultants may occur during the academic year, although most planning and development should take place in summer.

#### Funding Levels

Individual or small team projects may be funded up to \$2,500, reading grants up to \$750. Projects involving a significant part of a department may be funded for up to \$5,000. Requests can be made for stipends as well as expenses of carrying out the project. Amounts will depend on the complexity of the projects and the funds available.

For a detailed request for proposals, contact the WIC Office, x1228. WIC Director Ann Schonberger will also be glad to discuss your project with you or provide more information.

#### UMAINE - UNIVERSITY OF NEW BRUNSWICK EXCHANGE PROGRAM

Proposals are now requested for the exchange program established between the University of Maine and the University of New Brunswick. Each university contributes \$5,000 annually to support this program with the expectation that closer institutional ties will develop among those who share common interests in this international region.

Funds are available to support exchanges between faculty members, professional employees and student groups for collaborative research, seminars, symposia and cooperative instruction.

Faculty and Professional Employees - Proposals for funding are invited. Those wishing support for activities during the fall/spring/summer semesters (1998/1999) should submit a brief proposal describing the nature of the exchange activity, personnel involved, duration, budget and anticipated benefits. Call to request an application.

For further information and submission of proposals, contact Raymond Pelletier, Canadian-American Center, 581-4220.

#### 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.umaine.edu/~spd/index.html](http://www.ume.umaine.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 dates: Feb. 22, March 22, April 19.

#### UNIVERSITY OF MAINE GRADUATE RESEARCH EXPOSITION

**Friday, March 19, Wells Conference Center**

A Graduate Research Exposition is being organized by the Association of Graduate Students (AGS) and the Graduate School to enhance the UMaine community's awareness of the scope and nature of research being conducted by graduate students in every department. Because of the enthusiastic support for this event shown by the Graduate Board, the venue has been moved from Estabrooke Hall to the Wells Conference Center. This will allow for almost unlimited participation by graduate students.

This is a chance for all departments to show the rest of the UMaine community what research is being done. The presentations will be compared by a panel of judges visiting each poster (or other demonstrative) presentation. This should allow participants the chance to explain their research to a few individuals who are in their general area of study. The judges will be selecting graduate students in each category to receive cash prizes. The awarding of the prizes will be based on the scholarship of the research and its creativity, and the creativity of the presentation.

The categories for presentation currently consist of:

- ▼ Social Sciences and Humanities
- ▼ Biological Sciences
- ▼ Physical Sciences, Engineering and Mathematics

These three categories will be further divided according to the number of graduate students participating in the Exposition.

To participate in the UMaine Graduate Research Exposition, submit by Feb. 19 a title and abstract (short description) to Charles Watson or Sean Murphy at the AGS office, third floor, Memorial Union (or via FirstClass). Be sure to include contact information. If you have any questions, contact Charles or Sean, x4548.

It would be most encouraging to have at least one presentation from each department. Several businesses with cooperative research relationships with the University of Maine will be invited to have their own presentations. In addition, legislators and other interested parties will be invited.

Refreshments will be provided from 3:30-5:30 p.m.

# Positions Available

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

**Assistant or Associate Professor (Production Economics), Department of Resource Economics Policy.** Tenure-track position. Qualifications: Required: Ph.D. (by time of appointment) in agricultural economics or economics; strong theoretical and quantitative training; excellent written and oral communication skills; ability to teach graduate and undergraduate courses; ability to develop collaborative working relations with other researchers on campus, and state, regional and local organizations. Production economics skills include training in new technology adoption, applications to risk management, resource based business competitiveness in national and international markets, vertical coordination, policy analysis, interaction between production and the environment. Preferred: Training in finance and experience conducting applied and interdisciplinary research, and established record of teaching, obtaining external funding and publishing research findings. Demonstrated ability to assist with the retention of female undergraduates and the mentoring and advising of female graduate students. Review of Applications: Will begin 2/99 and continue until a suitable candidate is found. Contact: Send letter of interest, curriculum vitae, transcripts and up to five letters of reference to: George Criner, Chair, Department of Resource Economics and Policy, University of Maine, 5782 Winslow Hall, Orono, ME 04469-5782. (email: criner@maine.edu)

**Assistant in Recreational Sports, Department of Athletics.** Full-time, fiscal year appointment. Qualifications: Bachelor's degree required, master's degree strongly preferred in physical education/recreation or related field. Demonstrated, successful experience in college/university recreational sports programs or comparable recreation programs; computer experience; strong organizational skills and demonstrated ability to work and communicate effectively, both orally and written, with diverse groups of individuals. NIRSA certification preferred. Salary Range: \$25,000-\$28,000. Application Deadline: 5/1/99. Start Date: 7/1/99. Contact: Send letter of application and resume to: David Ames, Associate Director of Athletics, Room 140, 5747 Memorial Gym, Orono, ME 04469-5747.

**Special Project Analyst, Information Technologies.** Ten-month position. Short extensions in time may be required for project completion. Qualifications: Bachelor's degree in a related field or direct experience is preferred. Prior experience with computers and embedded processors; detailed knowledge of multiple software packages; familiarity with a college campus structure; ability to work with minimal supervision as well as excellent written and verbal communications skills. Salary Range: \$2,400-\$2,900 per month depending upon qualifications. Review of Applications: Will begin immediately. Contact: Send resume and three letters of reference to: Mr. Leslie Shaw, University of Maine, Information Technologies, 5752 Neville Hall, Orono, ME 04469-5752. A complete job description can be obtained by visiting Information Technologies Web page at: <http://www.ume.maine.edu/~itadmin/>

**Early Childhood Project Specialist, Center for Community Inclusion, UAP.** Full-time, fiscal year appointment contingent upon external funding. Qualifications: Required: Bachelor's degree and demonstrated experience working in inclusive infant, toddler and/or preschool care (Early Head Start Head Start, child care homes and early childhood and preschool programs). Excellent communication and organizational skills and ability to work collaboratively with other faculty/staff in the development of curricula and materials. Preferred: Master's degree in early childhood education, early childhood special education, early intervention or related field. Professional experience in providing child development associate (CDA) and continuing education programs to targeted professionals. Salary Range: \$28,000-\$32,000 based on education and experience. Review of Applications: Will begin 3/1/99 and continue until the position is filled. Contact: Send cover letter, curriculum vitae, three letters of recommendation, and transcripts to: Chair, Early Childhood Project Specialist, Center for Community Inclusion, UAP, University of Maine, 5717 Corbett Hall, Orono, ME 04469-5717.

**Assistant Professor (structural geology/tectonics), Department of Geological Sciences.** Tenure-track position. Qualifications: Required: Ph.D. Successful candidate is expected to develop and sustain a field-oriented research program, supervise graduate and undergraduate student research, and generate funding for these efforts. The successful candidate must be willing and able to participate in the University's field camp by teaching field geology in an off-road, back country, traditional field geology setting. Preferred: Field-oriented structural geologist with interests in the following sub-disciplines: tectonics and sedimentation, plate kinematics, and northern Appalachian geology. Previous teaching and/or research experience. Review of Applications: Will begin 4/5/99 and continue until the position is filled. Contact: Send letter of application, statement of research and teaching interests and philosophy, curriculum vitae and the names of three referees (including addresses, email addresses, and telephone numbers) to: Structural Geology Search Committee Chair, Department of Geological Sciences, Room 111, University of Maine, 5790 Bryand Global Sciences Center, Orono, ME 04469-5790. Information about the department can be accessed at the Website: [iceage.umeq.s.maine.edu/geology/home.htm](http://iceage.umeq.s.maine.edu/geology/home.htm)

**Research Associate, Center for Community Inclusion, UAP.** Full-time, fiscal year appointment, contingent upon external funding. Qualifications: Required: Doctorate in a field relevant to disability studies, including, but not limited to, social work and education, with focus on research and evaluation preferred. Collaboration and consultation experience in the provision of evaluation, grant/project development and dissemination of research and evaluation; excellent data analysis, communication, interpersonal skills, and technical and professional research writing experience. Preferred: Demonstrated experience in qualitative and quantitative methods with particular focus on participatory methods; demonstrated sensitivity to disability issues. Salary Range: \$32,000-\$36,000 based on education and experience. Review of Applications: Will begin 3/1/99 and continue until the position is filled. Contact: Send cover letter, curriculum vitae, three letters of recommendation, and transcripts to: Chair, Research Associate Search, Center for Community Inclusion, UAP, University of Maine, 5717 Corbett Hall, Orono, ME 04469-5717.

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

## RESEARCH ASSISTANTSHIP

Maine Rural Development Council (MRDC) is seeking a graduate assistant for full-time employment (40 hours per week) during summer 1999 and for part-time employment (20 hours per week) during the 1999/2000 academic year. A tuition waiver of up to 9 credits will be given to assistants during the academic year.

MRDC is a non-profit organization affiliated with University of Maine Cooperative Extension and is located in Libby Hall on the Orono campus.

MRDC graduate assistant responsibilities include: assist in writing, editing and producing MRDC's newsletter, *Rural Connections*; help design and manage meetings and forums; maintain update mailing lists for the newsletter, council work groups and quarterly meetings; maintain the MRDC Website; attend council meetings, take notes and transcribe them; filing and record keeping.

Graduate students from many fields would be appropriate for the position; these include: sociology, community and economic development, public administration, resource economics and policy, and journalism.

Maine Rural Development Council (MRDC) was established in 1991 as part of the national rural development initiative to enhance and sustain the social and economic vitality of rural Maine communities. The council initiative is predicated on the principle of building inclusive partnerships for change and innovation among governments, organizations and businesses.

Send a letter of interest, resume, three references, and writing samples to Karen Nadeau, MRDC, 5741 Libby Hall, University of Maine, Orono, ME 04469-5741. For more information about the assistantship, contact Nadeau, 581-3190 or [karen.nadeau@umit.maine.edu](mailto:karen.nadeau@umit.maine.edu)

## Sponsored Programs

**National Institute on Aging** invites applications for small grants to conduct pilot studies and gather preliminary data in 24 targeted areas of biomedical and behavioral research on aging. Applicants may request either \$25,000 or \$50,000 in direct costs for one year, non-renewable awards. Deadlines: March 17, July 16.

**Fund for the Improvement of Postsecondary Education** makes matching grants for Learning Anytime Anywhere Partnerships to enhance postsecondary education and lifelong learning through technology and related innovations. Eligible activities include development and assessment of model distance learning programs, educational software, innovative student support services, or methods for the identification and measurement of skill competencies. Preapplications are due April 2.

**National Research Council's CoBaSE Short-Term Project Development Grants** enable American researchers in science, mathematics, and engineering disciplines to host or visit colleagues from Central/Eastern Europe or the Newly Independent States of the former Soviet Unions. The purpose of the two-week visit is preparation of a collaborative research proposal for submission to the National Science Foundation. Deadlines: April 5, Aug. 16.

**U.S. Department of Defense's National Security Education Program** furthers international education with project grants to increase cultural knowledge and improve language acquisition, expand study and work opportunities abroad, stimulate faculty participation in international aspects of curricula, disseminate information and build linkages among institutions, and/or broaden the base of interdisciplinary and institutional relationships. Projects focused on study of Western Europe, Canada, Australia, or New Zealand are ineligible. Preliminary proposals are due April 9.

**National Science Foundation's Integrative Graduate Education and Research Training Program** supports the development of innovative, research-based, multidisciplinary programs for the education and training of doctoral students in science, mathematics, and engineering. Maximum award: \$500,000 per year for up to five years, plus \$200,000 for research instrumentation and materials in the first year. FastLane preproposals are due April 15.

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

### SNOW LINE AVAILABLE

581-SNOW  
or  
1-800-581-SNOW

### BIRD AND BIRD INSTRUCTIONAL, FACULTY DEVELOPMENT GRANTS

The Adelaide C. and Alan L. Bird Fund for the Improvement of Teaching Quality was established in 1971 to finance innovative projects in undergraduate teaching. The fund is administered by the Vice President for Academic Affairs and Provost, with the Faculty and Instructional Development Committee operating in an advisory capacity. Proposals are solicited for projects that produce direct and significant improvement in undergraduate teaching and learning. The 1999 grants will be awarded to individual and collaborating faculty members. Group proposals may come from departments, colleges, or other academic programs or units.

**Emphasis** – Bird and Bird funds are limited to the direct support and improvement of undergraduate teaching. Individual faculty are encouraged to collaborate with peers, as well as with faculty members of other colleges and academic units. Proposals should contain instructional goals that are consistent with the teaching priorities of the colleges and units involved in the proposal. Innovative ideas are encouraged, provided that the proposed improvements support fundamental change. Where appropriate, the Committee solicits specific comments demonstrating how the proposed activity will reflect and respond to the racial, cultural, language, and gender differences which exist in the undergraduate population at the University of Maine, and support a learning environment where these differences among students can become a resource for all. Faculty summer salary, and in most cases travel expenses, will NOT be considered for funding approval.

**Amount** – A pool of \$25,000 is available for grants. Faculty members may request up to \$5,000 of funding for each proposal. All faculty at the University are eligible to apply.

**Procedure** – An application form and project description should be submitted to the Bird and Bird Fund, Academic Affairs, c/o Carole Gardner, 201 Alumni Hall. It should include: rationale for the project; discussion of expected results, including the number of students and the ways in which students will be directly affected; procedures for evaluating the project; all information requested on the budget form; a summary of any past Bird and Bird grants and the success of previously funded projects; impact on college or unit priorities (append a letter of endorsement from appropriate unit); potential impact on diversity and multi-cultural issues; a two-page curriculum vita of each applicant signing off on this proposal (listing courses taught, research activity, etc.) Upon completion of the project, a written report on the results must be submitted to Academic Affairs. Reports should include an evaluation of results in terms of programmatic priorities, affected courses, number of students reached, and innovations in pedagogy. Reports should provide the kind of information that can be helpful to other members of the University community. Where appropriate, faculty will also be asked to participate in forums through which they can share results with other members of the Campus Community.

**Deadline** – Applications must be received at 201 Alumni Hall by March 31.

## What's Ahead

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**WHAT I WISHED I'D KNOWN**  
February 24

**FREE SPEECH/HATE  
SPEECH: WHERE DO WE  
DRAW THE LINE?**  
February 24

**A DARWINIAN EVENING  
WITH RICHARD DAWKINS**  
February 25

**STUDENT JOURNALISM  
CONFERENCE**  
March 11

**CLASSES RESUME**  
March 15

MAINE Perspective

University of Maine  
Maine Perspective  
Department of Public Affairs  
5761 Public Affairs  
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