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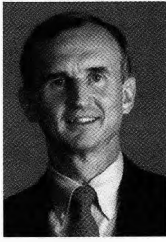
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Kennedy Named New UMaine Provost



Robert Kennedy

Robert Kennedy, a plant scientist who has served as vice president for Research and associate provost for Graduate Studies at Texas A&M University since 1992, has been named vice president for Academic Affairs and provost at the University of Maine.

Within the UMaine administration, the vice president for Academic Affairs and provost is second only to the president in the nature and breadth of authority. Kennedy will oversee all academic areas of the University and will assume a leading role in the integration of the institution's teaching, research and outreach missions.

The appointment was made by UMaine President Peter Hoff following a national search. Kennedy will start work at UMaine July 1.

"Dr. Kennedy is a wonderful fit for the University of Maine," Hoff says. "He has impressive credentials and has accomplished much as Texas A&M's vice president for Research. That experience will serve him greatly as he ascends to the senior vice presidency here at UMaine.

"His experience also will help us significantly as UMaine continues its growth as Maine's flagship research university and as a primary partner in strengthening Maine's economy through education, outreach and engagement."

Kennedy has held a variety of administrative, teaching and research positions in an academic career which began at the University of Iowa in 1974. He has also taught at Washington State University, The Ohio State University and the University of Maryland.

Kennedy's other administrative jobs included serving as vice president for Research in the Maryland Institute for Agriculture and Natural Resources, and as associate dean and director in the Colleges of Agriculture and Life Sciences/ University of Maryland Agricultural Experiment Station, both at the University of Maryland. He has also held high-ranking posts at the National Science Foundation, Ohio State and Washington State.

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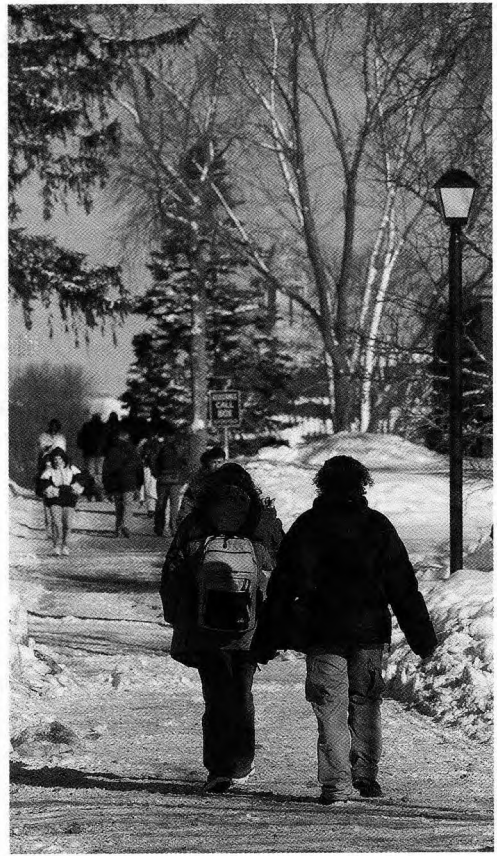


Photo by Monty Rand

Merger of Printing, Mail Operations Will Provide Modernized, One-Stop Customer Service

A merger of campus Mail Services with University Printing Services is expected to result in one-stop customer service, and a modernized system of U.S. and interoffice mail handling and distribution to cut postage costs.

Members of the University community are invited to offer input regarding campus mail services. In particular, Printing Services wants feedback on how to improve and modernize mail services, and what services could be added. To offer input via FirstClass, go to the Printing Services folder (under Campus Connection in the University Organizations folder).

"We need to develop a sophisticated, complete printing and mail service operation," says Bob Durringer, vice president for Finance and Administration, who called for the merger effective Jan. 1. "We are now losing as much as a half-million dollars a year in printing that is going off campus, and we're outsourcing more than \$200,000 a year to the local community because our mailing

operation hasn't been modernized in more than a decade. There are any number of services we could provide ourselves.

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



More Prospective Students Than Ever Applying On-Line

The traditional process of applying to colleges and universities is advancing into the digital age. At the University of Maine this year, almost 17 percent of prospective students are applying to UMaine via the Web – double the number of on-line applications the Admissions Office received a year ago.

“Applying to college is very different from 20 years ago when institutions made it difficult with multiple forms and specific applications,” says Jon Henry, director of Admissions. “Admissions has moved to a recruitment function from the ‘gate-keeper’ function of the ‘60s and ‘70s, when UMaine always knew students would come, and the role was to admit or deny entry. Today, it’s essential to bring UMaine’s recruitment effort into the information age. The best and the brightest (students) are on-line, and they want to know if we are.”

In recent years, the University has offered electronic application forms on CD-ROMs distributed to high schools, and as PDF (Portable Document Format) files on the Web.

Last summer, UMaine contracted with a national company that manages on-line applications for colleges and universities. The University’s on-line application, ApplyYourself, available through Virginia-based LAM Technologies, debuted Oct. 7.

The first application was submitted by an out-of-state student just 36 minutes later.

“What I like about this company is it takes a no-nonsense approach to the application process, excluding such things as banner advertising,” says Henry, who first used ApplyYourself when he worked at Johnson State College in Vermont. “It is costing a little to be out there but it has paid off. In little more than four months, 463 applications have been submitted on-line, and we know that more than 700 students have logged in to begin applications.”

Applications can increase substantially when higher education institutions offer nontraditional application methods – via Web, disk or PDF, Henry says. That doesn’t mean the end of the traditional method of applying by mail. But it does mean that Admissions resources are being extended to better accommodate students’ needs and expectations, and to reflect technological advances.

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Updates on Legislation Affecting UMaine Available on the Web

Students, employees, alumni and others interested in the status of state legislative proposals affecting UMaine now have an on-line resource to keep them up-to-date.

The University’s Department of Public Affairs has created a Website that details the legislative agenda of UMaine and the University System. The Website also provides links to a downloadable spreadsheet of other legislation related to higher education in general. Viewers also can download the text of any legislative proposal through links to the special Website.

Other information, including names and addresses of all legislators, can be found at the Website: www.umaine.edu/leglink ▲

MAINE PERSPECTIVE PUBLISHING SCHEDULE

The spring publication schedule of *Maine Perspective* is:

March 27 (copy deadline March 8); April 10 (copy deadline March 29);
April 24 (copy deadline April 12); May 8 (copy deadline April 26).



University Volunteer Ambulance Corps has a new ambulance bay at Cutler Health Center. Jon Doty, left, and Nancy Vienneau are two of nearly 40 UMaine students who are members of UVAC, an organization that started at UMaine 29 years ago.
Photo by Monty Rand

Expanding Your Horizons to Bring 500 Girls to Campus

This month, almost 500 seventh- and eighth-grade girls will be on campus to learn that “Microbes Are Everywhere,” discover that “Woman + Whales = Adventure” and find out “You Can Control the Skies” – three of almost 100 workshops being offered in the Expanding Your Horizons conference Tuesday, March 14.

Girls from Limestone to Portland and Kingfield to Islesford have registered for the annual statewide conference. They will be mentored by almost 200 teachers from their schools, professional women from UMaine and the community, and University students.

This is the second year Expanding Your Horizons has been coordinated by the Women’s Resource Center, with support from the Office of Vice President for Academic Affairs and Provost.

New features of this year’s conference include a networking

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MAINE Perspective

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MAINE Calendar

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

MARCH 8 – APRIL 1

8 Wednesday

"The Untold Story of Title IX: How We Got It When No One Was Looking," by Bernice Sandler, senior scholar in residence, National Association for Women in Education, part of the Women in the Curriculum Luncheon Series and UMaine's Women's History Celebration, 12:15-1:30 p.m., March 8, Lown Room, Union. x1228.

"Stress Management," a Study Skills Workshop, 3-4 p.m., March 8, Sutton Lounge, Union. x1406.

Alison Cox and Kristen Williams are among the members of the University community in the cast of Penobscot Theatre's newest production, *The Children's Hour*. *The Children's Hour* will play at the Bangor Opera House, 131 Main St., Bangor, March 8-19. For ticket information and reservations, call Penobscot Theatre, 942-3333.

9 Thursday

"Living with Chronic Illness," by Isabelle Boisclair, part of the EAP Lunch and Learn Series, noon-1 p.m., March 9, Bodwell Lounge, Maine Center for the Arts. x4014.

"Moving Images: Recent Preservation Histories," by Karan Sheldon, co-founder and board member of Northeast Historic Film, offered by Fogler Library Friends, 2 p.m., March 9, Special Collections, Fogler Library. x1666.

10 Friday

"The Sustainable Fisheries Act - Three Years Later," by Pat Kurkul, Northeast regional director, National Marine Fisheries Service, part of the School of Marine Sciences Seminar Series, 11:15 a.m., March 10, 100 Bryand Global Sciences Center. x4381.

"Nutrient Limitation and Consumer Control in Tropical Stream Food Webs," by Amy Rosemond, University of Georgia, part of the Biological Sciences Seminar Series, 3:10 p.m., March 10, 102 Murray Hall. x2970.

Spring Break Begins, 5 p.m., March 10.

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

12 Sunday

Bangor Symphony Orchestra Concert, featuring works by Copland, Bartok, Barber and Stravinsky, 3 p.m., March 12, Hutchins Concert Hall, Maine Center for the Arts. Admission fee. 942-5555. Pre-concert preview by David Klocko, 2 p.m., Minsky Recital Hall.

13 Monday

Bangor Symphony Orchestra Youth Concert, featuring a solo performance by the winner of the Bangor Symphony's Maine High School Concerto Competition, with performances at 9:45 a.m., 11:45 a.m. and 1:15 p.m., March 13, Hutchins Concert Hall, Maine Center for the Arts. Admission Fee. 942-5555.

Women of the World Lunch, featuring Italian potluck, noon, March 13, Church of Universal Fellowship, 82 Main St., Orono. Admission Fee. x2905.

14 Tuesday

Expanding Your Horizons, a daylong conference for Maine girls to encourage involvement in science and math, March 14, various campus locations, including the Maine Center for the Arts. x1508.

15 Wednesday

CEAC Development Day, day-long conference featuring a talk by Liz Ash and presentations on such topics as conflict resolution, supervisory leadership/training, effective communication, safety in the workplace, March 15, Wells Conference Center. Register by calling x3759.

17 Friday

National Honor Society Convention, March 17, Hauck Auditorium.

22 Wednesday

"The Dot.Com Phenomenon," by Robert Strong, part of the PEAC Brown Bag Luncheon Series, noon, March 22, Bodwell Lounge, Maine Center for the Arts.

24 Friday

High School Journalism Conference, March 24, Wells Conference Center. x1283.

25 Saturday

"Sounds of the Wabanakis," featuring Native American music performed by Laura Lee Perkins, a Hudson Museum Just for Kids program, for ages 6 and up, 10 a.m., March 25, Maine Center for the Arts. Admission Fee. Pre-registration required. x1901.

The King and I, presented by Big League Theatricals of Broadway, part of the Maine Center for the Arts performance season, 8 p.m., March 25, Hutchins Concert Hall. Admission Fee. x1755.

Phat Fifteen: Entertainment Series in the Bear's Den, 9 p.m.-midnight, March 25, Union. x1406.

27 Monday

Classes Resume, 8 a.m., March 27.

"Women's Voices: Imagining Ourselves in the 21st Century," Part 1 of the two-part teleconference: Women's Lives, Voices, Solutions: Shaping a National Agenda for Women in Higher Education, part of UMaine's Women's History Celebration, 1-4 p.m., March 27, 126 Barrows Hall. x1228.

28 Tuesday

Video: Hard Grit! part of the Maine Bound Lunchtime Adventure Series, noon, March 28, FFA Room, Union. x1794.

Ongoing Events

Exhibits/Demonstrations/Tours

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

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

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

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

Meetings of Groups/Organizations

Basic Search and Rescue, part of the Maine Bound Program Winter/Summer 2000 course offerings, April and May. Admission Fee. Registration required by calling x1794.

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

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

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

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

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

Level III Avalanche Course, part of the Maine Bound Program Winter/Summer 2000 course offerings, March 8-11. Admission Fee. Registration required by calling x1794.

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

Maine Time Conversations, every Wednesday, 2-3 p.m., Bangor Lounge, Union. x1734.

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

Spring Break Joshua Tree Rock Climbing Trip, part of the Maine Bound Program Winter/Summer 2000 course offerings, March 14-21. Admission Fee. Registration required by calling x1794.

Spring Break Mount Washington Winter Mountaineering Intensive, part of the Maine Bound Program Winter/Summer 2000 course offerings, March 14-17. Registration required by calling x1794.

Spring Break Southern Whitewater Tour, part of the Maine Bound Program Winter/Summer 2000 course offerings, March 18-26. Admission Fee. Registration required by calling x1794.

Spring Break Southwest Mountain Biking Trip, part of the Maine Bound Program Winter/Summer 2000 course offerings, March 11-25. Admission Fee. Registration required by calling x1794.

The Classic Katahdin Winter Trip, part of the Maine Bound Program Winter/Summer 2000 course offerings, Feb. 23-27. Admission fee. Registration required by calling x1794.

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

Yoga Groups - for Stress Management and Fitness, Fridays, noon-1 p.m. (except during spring break), through May 19, Dexter Lounge, Alford Arena. x4014.

"Facilities, Parking and Plans for a Pedestrian Campus," by Anita Wihry, part of the Classified Employees Advisory Council Informational Brown Bag Luncheon Series, noon-1 p.m., March 28, Bodwell Lounge, Maine Center for the Arts.

"Mysticism in 17th-Century French Canada: Marie de l'Incarnation and Les Figures du Sauvage," by Susan Pinette, part of the Women in the Curriculum Luncheon Series and UMaine's Women's History Celebration, 12:15-1:30 p.m., March 28, Bangor Lounge, Union. x1228.

"Women's Voices: Imagining Ourselves in the 21st Century," rebroadcast and discussion of Part 1 of the two-part teleconference: Women's Lives, Voices, Solutions: Shaping a National Agenda for Women in Higher Education, part of UMaine's Women's History Celebration, 3-6 p.m., March 28, Bodwell Lounge, Maine Center for the Arts. x1228.

29 Wednesday

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

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

"Remarkable New Advances in Diving Technology: Implications for Future Marine Research," by Massachusetts-based commercial diver Jim Clark, part of the School of Marine Sciences Seminar Series, noon, March 29, 220 Libby Hall. x4326.

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

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

30 Thursday

"Women and POWER (People Organized Working for Economic Rights)," with Sharon Barker, Judy Guay, Ruth Lockhart and Ilze Petersons, part of the Socialist and

Marxist Studies Series and UMaine's Women's History Celebration, 12:30-1:45 p.m., March 30, Bangor Lounge, Union. x3860.

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

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

31 Friday

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

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

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

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

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

1 Saturday

Odyssey of the Mind, April 1.

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

Center Stage

School of Performing Arts

Hallman Brings Schubert to the Minsky Stage

Die Schöne Müllerin, Franz Schubert's tale of unrequited love, will be performed by School of Performing Arts faculty at 7:30 p.m., Friday, March 31, Minsky Recital Hall.

The composition, based on a 19th-century poem by Wilhelm Müller, will be sung by Professor of Music Lud Hallman, with accompaniment by pianist and faculty member Phillip Silver.

Die Schöne Müllerin is one of two such song cycles written by Schubert.

Singers to Tour Northeast and Europe This Spring

This spring, the University Singers will represent UMaine in performances in seven states and four European countries.

The group will culminate this year's touring season with a performance of Haydn's *Lord Nelson Mass* in a cathedral in Budapest, accompanied by a full orchestra and joined by four professional soloists.

"The tours are image-building and recruitment tools for the University of Maine," says Professor of Music and School of Performing Arts Choral Director Dennis Cox, who has been conducting the University Singers for the past 22 years. "By repeated performances of our repertoire in many different venues, we have the opportunity to become more flexible and better technically as a group."

"In addition, immersion in a foreign culture is part of the educational experience, learning where our roots (as people) and the roots of what we sing come from."

The group's annual, weeklong tour of northeastern states is March 20-26. The Singers will offer assemblies, workshops and public concerts at high schools in Maine, Massachusetts, Rhode Island, Connecticut, New Jersey, Pennsylvania and Maryland. Most often, one of the songs from the Singers' repertoire is sent ahead to the schools, allowing middle and high school musicians to join the University Singers to perform the work.

Taking the stage during intermission will be two a cappella groups made up of members of the Singers – the all-male Maine Steiners and all-female group, Renaissance.

Untold numbers of past and present University Singers have been recruited to enroll at the University of Maine through these high school performances. They include the leaders of this year's group – president Dominick Varney, a graduate of Hampden Academy; and vice president Deidre Mason, a Mt. Ararat graduate.

The high school programs will include works from classics and spirituals to pop. In addition, the group will sing excerpts of Haydn's *Mass*, in preparation for the performance of the work in its entirety in Budapest.

Also on the program is *Open Air*, by UMaine Assistant Professor of Music Beth Wiemann. The Singers debuted the work last November.

Campuswide Calendar

The University of Maine Master Calendar is a searchable electronic listing of on-campus events for the academic year that have been submitted for inclusion. The Web-based Master Calendar is located at www.calendar.umaine.edu and on FirstClass (in the News Stand folder).

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

The Singers make a European tour once every four years.

May 24-June 7, the group will perform in Denmark, Germany, Poland and Hungary. Concerts are scheduled in Copenhagen, Lübeck, Berlin, Wrocław and Krakow. Throughout their tour, the students will visit cathedrals once frequented by such composers as Dietrich Buxtehude.

Singers have toured abroad every four years since 1984. On its last European tour, the group performed in cathedrals in Austria, Switzerland, Germany, Italy and the Czech Republic.

Next month, UMaine audiences will have the opportunity to hear much of the repertoire the Singers will perform on their European tour. University Singers will be in concert Sunday, April 2, 2 p.m., Minsky Recital Hall.

DIVERSITY EDUCATION

DIVERSITY EDUCATION: RACE AND ETHNICITY

A statewide conference exploring the status, issues and transitional challenges of diversity in Maine, with special emphasis on K-12 and post-secondary education, and community relations

University of Maine Thursday-Friday, April 6-7

APRIL 6 HIGHLIGHTS

Keynote Addresses

- ▼ "The Changing Face of Maine: Interpreting the Demographics and Framing the Story," by Jeannine Guttman, editor and vice president, *Portland Press Herald/Maine Sunday Telegram*
- ▼ "Black Women's History at the Intersection of Culture and Power," by Darlene Clark Hine, John A. Hannah Professor of History, Michigan State University

Workshops

- ▼ "The Role and Responsibility of the Media in Reporting and Reflecting Maine's Changing Demographics and Their Implications," part of the Community/Workplace Strand: Shaping Perception, Perspective, Consequence and Change
- ▼ "Making the Demographics Come Alive," part of the K-12 Strand: Creating a Vision of Inclusive Education in Maine
- ▼ "Racism on a College Campus? Students Investigate the Status of Race on the UMaine Campus," "Faculty of Color at Predominately White Institutions" and "Building a Community," part of the Post-Secondary Strand: Scrutiny, Strategies and Solutions for a Broader Experience

APRIL 7 HIGHLIGHTS

Workshops

- ▼ "Minority Professionals in Maine: Perception and Reception" and "Tools for Change: Encouraging, Managing and Assessing a Diverse Workplace," part of the Community/Workplace Strand: Shaping Perception, Perspective, Consequence and Change
- ▼ "The Blue Eyes/Brown Eyes Experiment: Experiencing the Emotional Impact of Discrimination" and "Let's Get Practical: Committing to and Planning for Inclusive Education in Maine's K-12 Schools," part of the K-12 Strand: Creating a Vision of Inclusive Education in Maine
- ▼ "Toward an Inclusive Classroom," "Toward a Diversified Syllabus," "Invisible Diversity," "The African-American Odyssey: The First Textbook in Black History," "Teaching What You're Not: Representing the 'Other' in Front of the Classroom" and "We All Have a Culture: Beginning to Develop Multicultural Competence," part of the Post-Secondary Strand: Scrutiny, Strategies and Solutions for a Broader Experience

For more information or to register, call 581-4092, or visit the conference Website: www.ume.maine.edu/ced-conf/diversity.html

People in Perspective

As an undergraduate at Trinity College, Beth Eustis had never been abroad, but knew she wanted the experience. Because she was interested in British literature – Medieval literature, in particular – faculty and a study abroad advisor suggested Durham University in northeast England.

Eustis studied abroad in her junior year, 1984-85. The experience was so inspiring, she returned to Trinity to spend her senior year as a student assistant in the study abroad office.

For the past 12 years, she also has made it her career to facilitate study abroad experiences for others.

"The year abroad was a transformation," she says. "On a personal level, I was challenged in a positive way. It was intriguing to me to be a minority. I also learned about my culture and country. It was the first time I was really independent. And I loved the educational system in England that included weekly tutorials."

In 1988, Eustis returned to her alma mater, this time as assistant director of international programs. At Trinity, Eustis was involved in admissions and recruitment for the college's study abroad program in Italy for nine years.

Study abroad is not just for liberal arts students. A third of the students who study abroad are in other colleges. Many good programs are offered in English, and we have a number of direct exchanges so costs are reduced.

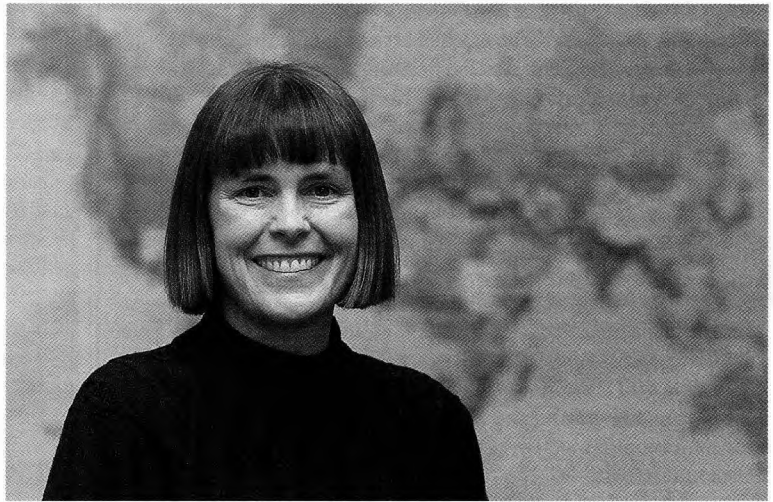
At the small liberal arts school, a strong international relations program tied into students' interests in studying abroad. At Trinity, almost 42 percent of all undergraduate students, including two-thirds of all juniors, studied abroad.

"At Trinity, students came into our office not needing to be convinced that study abroad was a good thing. Many had been overseas and even had an idea where they wanted to go. They came in to pick the program appropriate to their academic and language backgrounds."

Nationally in the past 20 years, study abroad participation has grown, especially to less traditional locations such as Africa, Latin America, Eastern Europe and Asia. Most often, American students opt to go abroad for short periods, usually one semester. The Institute of International Education's annual study abroad census reports that in 1998, student participation increased 15 percent over the year before.

However, the number of undergraduates attending New England land-grant universities who study abroad is very different, says Eustis. While the University of Vermont sees almost 18 percent of its undergraduates studying abroad at some point in their academic careers, most of the other land-grants in the region only send approximately 2-4 percent of undergrads. UMaine has an annual average of 1 percent of its undergraduates studying abroad.

"This academic year, we have close to 60 students, mostly juniors, abroad," says Eustis, who joined the University community in 1997. "Now we need to increase that number. I would like to see more internationalization on campus, which could equate not only to more students studying abroad, but



Beth Eustis

Photo by Monty Rand

larger enrollments in foreign language classes and interdisciplinary studies in international relations."

A first step is to promote study abroad as an opportunity for students to gain a global perspective, no matter what their academic discipline, says Eustis. "Study abroad is not just for liberal arts students. A third of the students who study abroad are in other colleges. Many good programs are offered in English, and we have a number of direct exchanges so costs are reduced."

On campus, Eustis coordinates a number of activities to raise awareness of study abroad. An annual Study Abroad Fair and regular classroom presentations are offered. Information about study abroad is available at University Open House and New Student Orientation. Scholarships are available for students studying abroad. A study abroad resource room on the third floor of the Maples will soon be augmented by a new Website.

Often, students who study abroad gain a breadth of knowledge that they then apply to their coursework, she says. Many times, students return to campus eager to learn a language they have not studied before.

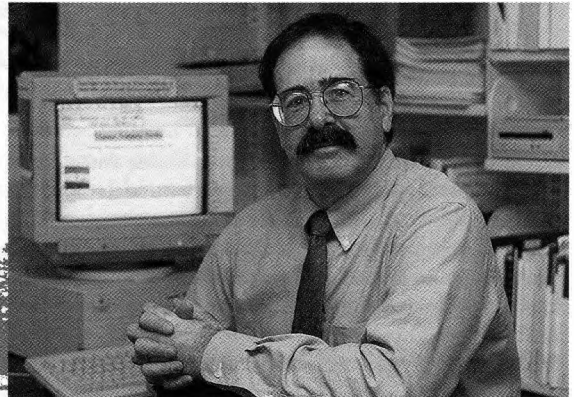
"What we hear from study abroad students is that they had exceedingly positive experiences – beyond anything they could have imagined before they left. And they talk about going again," says Eustis. "Indeed, the reverse culture shock when they return to the States is often tougher than the initial culture shock of going to a new country. That's why some sort of re-entry orientation is important."

At UMaine, all study abroad students are asked to complete an evaluation of their experiences when they return from abroad. The students also share their experiences with other returnees during a gathering hosted by the Study Abroad Program on campus. Follow-up with students involves helping them explore other opportunities for studying and working abroad, including participation in the Peace Corps.

"There has been increasing attention to the programmatic benefits of study abroad when these students interview for jobs," Eustis says. "If students have been overseas for some length of time and gained language or other transferrable skills, that experience is cited by potential employers as increasingly important."



Nature's Diary



Frank Wihbey

Photo by Monty Rand

In Maine, nature has its own diary. Entries by outdoor enthusiasts throughout the state record daily occurrences and observations of the natural world. Ice out on lakes or ponds. The first blooms of native wildflowers. Aurora sightings. Turtles north of Penobscot River watershed.

But as intimate, inspiring and romantic as these entries can be, this diary is anything but private. It is part of *Maine Nature News*, a Web-based periodical that emphasizes what is happening in the natural world, and deemphasizes human events and activities about nature.

It presents nature's point of view.

"Above all, the focus is on nature," says Frank Wihbey, creator of *Maine Nature News* (www.mainenature.org). "There is something that can always be observed, no matter what you're doing out there. We encourage reports on more than the biological universe. We want people to tell us about the animals they're seeing, cycles of frost and meteors – all parts of nature."

"Whether they know the proper scientific names or not, people can send in nature reports," says Wihbey. "We provide reports in the language people write in and in the spirit in which they make their observations. This is a public nature journal, a chronological record, not a scholarly journal."

Maine Nature News, established on-line in 1996, is provided by Fogler Library as a public service. Wihbey, head of Fogler's Government Documents and Microforms Department, volunteers his time to manage the on-line periodical, which he updates every Tuesday evening.

It all started with a *Bangor Daily News* photograph Wihbey

saw of an ice jam near Route 9. "On the left of the picture, I saw ice and the overflowing river partly covering the road. But what I was drawn to were the images of the ice and the surging water on the right side. I was concerned about the road and the safety hazards, but intrigued by what was happening in nature. That picture was a trigger."

Wihbey was not only interested in chronicling nature, but in raising awareness of time-limited events – the news of nature – like the short seasons of trilliums and mayflowers, the ripening of wild blueberries and streams rising with the first thaw.

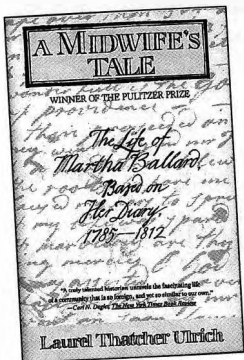
In 1993, the prototype of *Maine Nature News* was in the form of a printed weekly newsletter. But after consulting with associates, Wihbey dropped the idea of traditional publishing as too expensive and time-consuming. Three years later, he saw that reception of reports by e-mail and publication of the newsletter via the Internet would be a more efficient, economical means of communicating nature's perspective. In March 1996, he put *Maine Nature News* on the Web.

The focus of the newsletter has remained constant. It continues to include aspects essential to planning outdoor activities, such as astronomical diaries of the season cycles and phases of the moon. But the on-line periodical grew in the number of weekly reports by correspondents.

Since publishing *Maine Nature News* electronically, the number of volunteer natural history correspondents who send e-mail notes on nature observations has grown from 15 to 80. Half of them are regular contributors.

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Class Book Author to Lecture on Writing and History



Harvard professor Laurel Thatcher Ulrich will be the seventh of eight UMaine class book authors to come to the University to lecture.

Ulrich, author of *A Midwife's Tale: The Life of Martha Ballard Based on Her Diary, 1785-1812*, will be on campus Tuesday-Wednesday, April 11-12.

She joins an impressive list of writers who have accepted UMaine's invitation to link authors with audience – Stephen Jay Gould, Sissela

Bok, Arthur Schlesinger Jr., Tim O'Brien, Paul Hawken, and James Loewen. The speaker who came to campus for the fifth class book, *I, Rigoberta Menchú - An Indian Woman in*

Guatemala, was a colleague of Menchú, winner of the 1992 Nobel Peace Prize in recognition of her work for social justice and ethno-cultural reconciliation based on respect for the rights of indigenous people.

"There is a special connection between an author of a book and the audience who reads it and comes to hear more about the book," says Associate Professor of English Harvey Kail, who was instrumental in establishing the class book tradition at UMaine. "The experience of reading becomes more real for students when they can see and talk with the author."

Ulrich will lecture on history, women and the process of writing the class book in "Telling a Midwife's Tale: Writing the Life and Times of Martha Ballard," Tuesday, April 11, 4 p.m., Minsky Recital Hall. A reception follows in McNeilly Lobby, Class of 1944 Hall.

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The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Mussel Evolution

Gene sequence data generated by UMaine researchers is helping to explain how bivalve mussels have invaded deep-sea hydrothermal vents and cold-seeps. These environments, which are among the most remote and unusual on Earth, harbor animals capable of feeding on hydrogen sulfide, a compound more toxic than cyanide. They do this with the aid of symbiotic bacteria contained within their tissues.

The new DNA evidence shows that large sulfide-eating mussels from deep-sea vents and seeps are closely related to several species of tiny, little-known mussels found on rotting wood and whale bone deposits on the deep-sea floor. These results suggest that wood and bone may have served as evolutionary stepping stones, helping these unusual mussel species to become established in deep-sea vent communities.

Daniel Distel, assistant professor in the Department of Biochemistry, Microbiology and Molecular Biology, and the School of Marine Sciences, is the lead author on a paper describing the research, published in the Feb. 17 edition of the journal *Nature*. Wendy Morrill, scientific technician in the Department, is a co-author, along with colleagues at the University of Hawaii and Harvard University.

The paper describes an analysis of ribosomal RNA gene sequence data linking mussels that inhabit deep sea vents with other mussel species that live on sunken and decaying whale bone and woody materials. This unexpected relationship suggests that mussels first evolved the ability to consume hydrogen sulfide produced by decaying wood and bone. These abilities may have enabled these species to invade hydrothermal vents where hydrogen sulfide is released by undersea volcanic activity.

The data from analysis of mussel genes indicate that mussel species living in deep sea vents and on wood and bone should be placed in a proposed subfamily, Bathymodiolinae. Species within traditional subfamilies would be excluded from the new group.

Distel, Morrill and their co-authors used the gene sequence data to determine how closely related the mussel species are to each other. Their results indicate that mussels living in the vents have a recent common ancestry with those living on bone and wood. The data also suggest that those ancestors diverged long ago from other shallow water mussels.

UV and Vitamin D

Researchers in the Department of Food Science and Human Nutrition are monitoring ultraviolet light from the sun in an effort to understand the relationship between vitamin D and outdoor activity in Maine. Vitamin D is produced by the skin in response to ultraviolet light exposure and plays an important role in calcium absorption by the body.

Susan Sullivan, assistant professor, and Jennifer Cobb, a master's degree student from Kingfield, are focusing their efforts on adolescent girls. A group of 13 Bangor area girls has agreed to fill out questionnaires about their outdoor activities and, for three days, wear badges that are sensitive to UV light.

"Our goal is to measure the amount of sunlight exposure received by adolescent girls in Maine and estimate the potential for vitamin D synthesis in the skin," says Cobb. The questionnaires ask girls about their daily activities, amount of time spent outside, and clothing and sun screen use.

The current effort is a pilot project, says Cobb. She and Sullivan are hoping to involve about 30 girls in a similar effort

this summer when vitamin D production is thought to be highest.

Vitamin D is important during adolescent years because it helps build healthy bones, says Sullivan. Other researchers have found evidence that little or no vitamin D is produced by residents of northern latitudes during the winter.

Foods such as fortified milk and breakfast cereals, eggs and fatty fish become important sources of vitamin D during the winter, says Cobb. A lack of vitamin D in adolescents can lead to lower bone density and a higher risk of osteoporosis as they age.

In addition to the questionnaires, Cobb and Sullivan are conducting tests to monitor UV light levels and determine how much vitamin D might be produced by the skin. They are working with researchers at the Center for Astronomy and Atmospheric Research at the University of Southern Queensland in Australia and at the Boston University Medical Center.

They are particularly interested in a type of UV light known as UV-B, which leads to vitamin D formation in the skin. To monitor light levels, Cobb places slides in the sun containing a film that is sensitive to UV-B rays. Changes in the film will be analyzed in Australia to estimate light levels.

Vitamin D production will be estimated in a similar fashion. Along with the slides, Cobb uses small ampules containing a precursor to vitamin D. The ampules are placed in the sun, and the contents are analyzed to determine how much of the precursor has changed to vitamin D.

The studies will provide important information for preventing osteoporosis in Maine, says Sullivan. Cobb expects to use the results for her master's thesis on her way to becoming a registered dietitian.

Sullivan and Cobb are looking for girls between the ages of 9-10 to participate in the study this summer. More information is available from Sullivan, 581-3130.

Russian Highway Engineering

A new partnership between the Maine Department of Transportation and the Russian region of Arkhangelsk brought two Russian highway engineers to the College of Engineering Feb. 29.

Alexey Vereschagin, deputy director of the Road Administration, and Evgueni Lobanov, head of the analytic department, visited with faculty and students in the Department of Civil and Environmental Engineering.

In addition, they toured the UMaine Advanced Engineering Wood Composites Center and met with faculty to discuss new technologies developed at UMaine to improve road construction and traffic management.

RAINBOW MILLENNIUM: ACTIVISM FOR A NEW ERA

The Sixth Annual Northeast Regional Gay, Lesbian, Bisexual and Transgender Student Conference

APRIL 7-9 UNIVERSITY OF MAINE

Coordinated by Wilde Stein

Featuring national conference presenters and Human Rights Commission workshops, keynote addresses by activists Candace Gingrich and Robyn Oakes, and entertainment.

Registration is \$35 for students; \$45 for the public.

Deadline to register is March 31.

To register or for more information, contact Sarah E. Smith, 581-1508 or 581-1596.

UMaine Marten Study Could Affect Forest Policy

The American marten (*Martes americana*), a forest-dwelling member of the weasel family, can co-exist with forest harvesting in the Northeast, according to conclusions reached in a 10-year University of Maine research project, as long as the resulting forest landscape includes the habitat characteristics that marten favor.

The results demonstrate the need for forest landscapes to be managed for the complex structural characteristics required by the marten and other species of forest-dependent wildlife.

Daniel Harrison, professor of wildlife ecology, has coordinated efforts to track the movements of martens and evaluate the influences of trapping and various forms of timber harvesting on their density, survival and patterns of habitat occupancy. The project has produced forest management recommendations and contributed to the educational experiences of 30 undergraduates who have participated in fieldwork, data compilation and analyses.

In addition, the research has produced five master's theses, a Ph.D. dissertation, an undergraduate honors thesis and several special projects conducted by undergraduates. Further efforts will involve a post-doctoral researcher who will use geographic information systems and satellite imagery to translate results into statewide habitat maps depicting trends in habitat for forest-dependent wildlife. The project also will develop planning strategies for maintaining habitat for forest wildlife with large spatial needs, while providing for environmentally sound and economically viable forest management.

Martens affect forest policy

The marten is considered an indicator species in some states. Assumptions about their habitat needs affect forest management on millions of acres of forestlands in Alaska and other states, and in Canada, says Harrison. This project has drastically changed the classic definition of marten habitat, and the results present both opportunities and challenges for managing forests.

Rather than focusing on the age and species composition of forest stands, this study has provided recommendations for maintaining structure within managed stands. It has identified the importance of maintaining a matrix of forest age classes across a landscape to provide both current and future habitat for the marten and other forest wildlife species.

The project has received support from the federal government, the state of Maine, industry and the University of Maine. Recent reports have been published in several refereed journals and by the National Council for Air and Stream Improvement (NCASI), the Cooperative Forestry Research Unit at UMaine, and the College of Natural Sciences, Forestry, and Agriculture.

Maine's marten habitat

Maine has the largest population of martens south of the U.S.-Canada border, says Harrison. Although they were once abundant across the northern and western U.S., their geographic range south of Canada has shrunk to half its historical extent, and the population is considered endangered or threatened in neighboring states and some eastern Canadian provinces. Maine still maintains large areas of suitable habitat and an annual

trapping harvest of 2,000-5,000 animals.

Isolated populations exist in the Adirondacks, the northern Rockies and the Pacific Northwest, where the marten is considered a specialist of mature conifer forests. The marten has been reintroduced to the Green Mountains, and Vermont lists the species as endangered.

The Maine research studies have focused on two locations: industrial forest, including large clearcut and partially harvested areas, owned by Bowater, Great Northern Paper Co., just west of Baxter State Park, and an adjacent area within the park.

The contrasting management regimes have allowed researchers to compare the effects of trapping and tree harvesting on private lands with resource protection policies in the park. Researchers have tracked the movements of martens with radio collars and conducted detailed examinations of forest stands where martens occur with varying frequencies. They have concentrated on the preferences that martens exhibit when choosing where to position their home ranges within the extensive forest matrix of northern Maine, as well as the specific stand types that martens prefer for foraging and denning within their home ranges.

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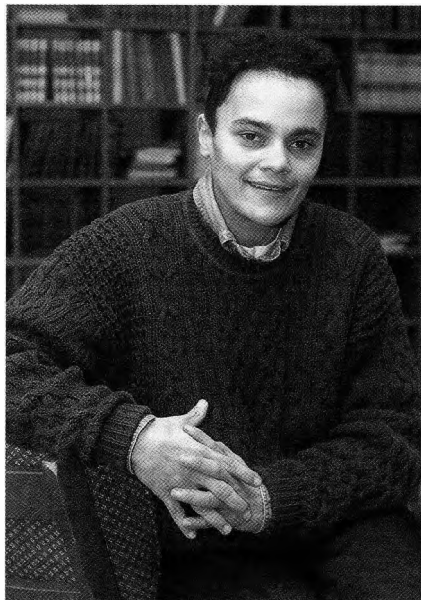
Angela Fuller, a master's student in the Department of Wildlife Ecology, is investigating the relationship between martens and tree harvesting systems. She holds an American marten, like the one at left.

Photos courtesy Daniel Harrison



Rereading Alice Walker and Other Black Women Authors

In the annals of literature, Alice Walker has left an indelible mark with her insights into black American culture and women through her short stories, poems and novels, including Pulitzer Prize-winning *The Color Purple*.



Angela Cotten

Photo by Monty Rand

But critics and scholars have not yet examined the deeper levels of conceptual complexity of Walker's writings, especially the philosophical dimensions, according to Angela Cotten, a Ph.D. student of interdisciplinary studies at Emory University who is writing her dissertation on Walker.

While philosophical analysis of black women's writings remains a largely unexplored field of research, scholars in history, literature, religion and the social

sciences have studied the ways black women's cultural productions and social activism have helped shape American culture. Drawing on and reworking philosophical systems through their multi-layered experiences of oppression and visions of social change, black women writers encode these perspectives in their literature.

Without philosophical analyses of black women's writings, we miss what underlies their social activism – carefully reasoned perspectives on questions of knowledge, history and human existence that inform their strategies and visions, Cotten says.

Cotten's dissertation, "Womanist Philosophy of Revolutionary Struggle: Alice Walker's Search for a Form and Method," examines the writings of Walker in order to explicate her womanist philosophy of revolutionary struggle, and to illustrate its contributions to the African-American, feminist, Marxian and post-structuralist canons. To do this, Cotten is drawing on scholarship and methods from philosophy, literary criticism, linguistics, history, theology and ethics.

For Cotten, an Atlanta native, the almost decade-long journey to get to this philosophical interest in black women's writings began at Emory University. After receiving a bachelor's degree in 1992 with a double major in psychology and religion, she sought to do graduate work that combined the social sciences and humanities. To study the interface of religion and psychology, she earned a master's degree in theology from Emory.

This academic year, Cotten is at the University of Maine as a New England Board of Higher Education Dissertation Fellow finishing her dissertation, and is sharing her research with the University community through colloquia lectures and classroom discussions.

"In general, philosophy has tended to look down on literature as an important source of knowledge, and viewed the imaginative and rhetorical aspects of literature as indications that novelists and poets are somehow less concerned with reality and truthfulness than philosophers," says Cotten. "But if anything, literature gives us insights into the human condition. And black women's

writings help us understand how a historically subjugated people has found ways to survive with their integrity and dignity intact, despite the circumstances, which is important to the way we talk about ethics, knowledge, history and power in philosophy."

Walker lived through the social protest movements of the '60s and '70s, and gained first-hand knowledge of the many issues involved in struggles for freedom, says Cotten. In her dissertation, Cotten looks at the ways Walker deals with problems of social change in regard to blacks' situation in America, and she charts the development of the author's thought on these problems in the early writings published from 1968-84.

"In some very interesting ways, Walker's writings work like mirrors to those of us in Leftist politics," says Cotten, who, for as long as she can remember, has been interested in the ways that human consciousness deals with oppression and suffering, and has turned to the histories of the Jewish and African diasporas for insights into this phenomenon. "They show reflections that many of us are uncomfortable with, like the contradiction between the ideals of equality and justice that we espouse, and how we make choices in our daily lives that support social systems that privilege us in significant ways."

By bringing multiple disciplinary perspectives together to interpret black women's writings, Cotten shows that these authors engage problems of social change in ways that are more complex than they have been dealt with in the more conventional frameworks of feminism, Marxism and black nationalism. By focusing on Walker, Cotten is tapping the voice of an activist who, in the civil rights movement in Mississippi, recorded the consciousness of black people in those times of struggle and change.

"When black women writers like Walker insist that we examine how multiple relations of domination operate together in our society – such as labor exploitation, institutional racism, and gender and sexual discrimination – they are saying that the human experience of oppression is very complex, and that we cannot understand any individual's struggle by reducing it to one social problem of gender, class or race," says Cotten. "It is over this issue of how to make sense of oppression that black women disagree with scholars, who look at the world from the more conventional frameworks of Marxism, nationalism and feminism."

"But the two things that really separate black women writers from these other critics is, first, black women see both sides of the coin of oppression and privilege of social existence. And those of us who experience oppression because of our race/ethnicity, gender, sexual orientation, etc., have tried to downplay this fact in claiming the status of ultimate victim in our projects of liberations. I sometimes wonder if this is because, in admitting the ways that we are socially privileged too, people think that it undercuts their claim of being oppressed. But if human experience is a complex of contradictions as black women's literature has insisted, then why pretend that it is not?"

Beyond the problem of dealing with social advantage, black women writers like Walker also disagree with these other critics in refusing to elevate one dimension of oppression as definitive of their experiences of multiple forms of domination, Cotten says.

"Walker is calling for a more complex conception of the realities that we live than the theoretical frameworks that reduce our experience to gender, class or race. And I see this as a value to philosophy, which has always prided itself on being an intellectually rigorous discipline. Her writings have helped me to rethink the value of theoretical reductionism: that it may not be intellectually rigorous after all, but rather a retreat from theorizing human experience in its complex ironies." ▲

Last month, Tamara Hunt, a doctoral student in counselor education, delivered her first paper to a professional organization – the Maine School Counselors' Association.

In her presentation to the annual meeting, Hunt shared her personal experience, addressed the ideology of eating disorders and her related research, and talked about what counselors in rural Maine schools can do to help.

She also discussed the power of teachers and counselors to change lives.

"I talked a lot about looking particularly at students who appear to be perfect children – compliant, bright, avid scholars, athletic, very involved and socially oriented," says Hunt. "They most likely will be the ones who develop unhealthy relationships with food."

"That is the portrait of how I was in high school. My high school guidance counselor was the first to know I had an eating disorder and to intervene."

Audience response to Hunt's talk was indicative of educators' concerns about the pervasive problem. "People had lots of questions," says Hunt, "including how to talk to their own daughters. People asked questions about my personal story and talked about girls in their schools with similar issues. They wanted to know if I offered consulting, staff training or educational programs for public schools. Some of these schools have one counselor working with 400 students."

"The biggest request," she says, "was for a reading list."

Hunt's presentation was not only a professional victory but a personal triumph. After an elementary school teacher humiliated her in front of her peers, Hunt never spoke in a class again – until she was 27 and in her graduate courses at UMaine.

"All those years, I was ashamed to speak. But I also was the perfect child and my report cards rewarded my silence," says Hunt, who is in the first year of her Ed.D. program. "With a lack of my voice, I learned other ways to cope, and food was one of them."

Other tragedies at a young age set Hunt on the road to self-destruction through eating disorders. Beginning at age 4, and for the next nine years, Hunt was sexually abused by a relative. When she was a junior in college, Hunt's younger brother and only sibling committed suicide.

"As a high school student, I had anorexia. In college, I was bulimic. After my brother died, I turned to nonstop eating. I have been working on this issue

Finding Your Voice and Helping Others Find Theirs



Tamara Hunt

Photo by Monty Rand

17 years as an individual. I know the importance of educating people about these issues."

Hunt has come to recognize the connection between losing one's voice – self-esteem and sense of worth – and eating issues. "I discovered if I speak about my feelings or the truth about my life, I don't feel the need to medicate myself or alter my experience using food," she says. "I also know that I can now use my voice to provide support, and to help others negotiate and navigate the systems."

In her doctoral program, under the direction of Associate Professor of Education Dorothy Breen, Hunt focuses on the relationship between early sexual abuse and later development of eating disorders. Compared to when she first started her research as an undergraduate at the University of West Florida, Hunt now finds the market flooded almost a decade later with basic information about eating disorders. However, it is often superficial.

Most often, eating disorders are viewed as an adolescent's individual problem, says Hunt. Yet research is now showing that 7- and 8-year-old are exhibiting signs

of eating disorders similar to those found in teens.

"We don't look at how society contributes," Hunt says. "My hope is to challenge the sociological system – who writes the rules about what women should look like

and how they determine ideal body image. We need to examine the media and how women and men are portrayed."

"There also are a lot of questions about whether or not prior early abuse leads to eating disorders," says Hunt, now one of five UMaine doctoral students in counselor education. "Some researchers say there is no correlation, yet sexual abuse and eating disorders coexist at alarming rates. I hope to do a qualitative study."

Ultimately, Hunt hopes to help bring educational resources specifically about eating disorders to this area of her home state to help young people with whom she identifies.

"My father could not read or write. I grew up poor. But I did well in school and always aspired to go to college. I have always been interested in people and wanted to help children," she says. "I decided when I was 10 that I wanted to be a counselor for adolescents. I've never considered any other field since."

The Hermon native majored in psychology at the University of West Florida in Pensacola. When she graduated in 1990, she spent the next three years as a counselor working with adolescents in long-term drug and alcohol programs.

"It was a real growing experience for me," Hunt says. "It was challenging working with street-smart kids. From them I learned that every human being has something to teach me. They helped me see how fortunate I was having two parents still together and supporting me, as well as an upbringing in the culture of Maine that kept me out of the kind of trouble common in big cities."

"At that time, I was not much older than some of the young people I was counseling. But I told them I cared and was very invested in their potential for change. I could understand the loss some of these kids have in their lives."

Hunt was 25 when she returned to Maine to be near her parents. She worked at Acadia Hospital with children, and at Project Atrium with young people needing mental health and substance abuse services. A supervisor advised Hunt that she had the skills to be a graduate student and that she needed a graduate degree to secure her future in the field.

In 1995, Hunt was accepted into

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Teaching Moment

Center for Teaching Excellence

By James Berg

Teaching the "Invisible Curriculum"

More than 70 UMaine faculty, instructors and teaching assistants participated in a January workshop, "Teaching for Learning," sponsored by the Center for Teaching Excellence. The workshop was facilitated by Joyce Weinsheimer, co-director of the Center for Teaching and Learning at the University of Minnesota, through the Faculty Development Programs/Houghton Mifflin Company.

The daylong session focused on four topics: Promoting Active Learning, Teaching Styles and Learning Strategies, Developing Critical Thinking Skills, and the Invisible Curriculum. This last topic bears further explanation; it's an area that faculty are aware of but students may not be, hence it's invisible. The invisible curriculum includes all of the lessons students must learn about being successful in college before they can actually accomplish their personal and course goals.

Weinsheimer is a good source for investigating this topic; she is the author of two books on student success, *Turning Point: Getting Off Probation and on with Your Education* (Wadsworth, 1993) and *Succeeding at the University* (Kendall/Hunt, 1995). Weinsheimer's materials for the workshop quote John Dewey: "Perhaps the greatest of all pedagogical fallacies is the notion that a person learns only the particular thing he is studying at the time. Collateral learning in the way of formation of enduring attitudes, of likes and dislikes, may be and often is much more important than the . . . lesson in geography or history that is learned. For these attitudes are fundamentally what count in the future."

At the university level, we often expect students to have these attitudes when they enter our classes. Faculty experience frustration when students apparently lack the characteristics of success, such as taking responsibility for their own learning, finding their own motivation, and identifying effective strategies and actions for learning and studying. Instructors may find a way out of that frustration, however, by making their expectations explicit, identifying and modeling successful strategies for tests and assignments, and giving students practice in completing complex activities.

In the development and delivery of any course, instructors have "seven domains of influence," Weinsheimer explained. (Her material in this section is based on *Skip Downing, On Course*, 2nd ed., New York: Houghton Mifflin, 1999.) The seven domains are:

- ▼ Curricula
- ▼ Homework assignments
- ▼ Feedback and evaluation
- ▼ Classroom activities
- ▼ Classroom rules
- ▼ Classroom environment
- ▼ Modeling

Using these seven domains, instructors have the opportunity to influence students to make wise choices about taking responsibility, managing their work, motivating themselves, enhancing their self-awareness and self-esteem, and encouraging lifelong learning.

A simple exercise for using these ideas is to complete the

following statement relating to the domains of influence: "I want students who . . ." and "I can influence the development or exhibition of this attribute/behavior by . . ."

For example, if I say "I want students who are self-aware," then I might connect that goal with several domains of influence. "I can influence the development or exhibition of this attribute by connecting reading assignments (curricula) to personal concerns or ideas through informal writing assignments in and out of class (classroom activities and homework assignments). These assignments can be shared (classroom activities) in a supportive setting (classroom environment)."

For more information or copies of workshop handouts from the January sessions, call the Center for Teaching Excellence, 581-3472.

COMPETITIONS OPEN FOR STUDENT TECHNOLOGY GRANTS, FACULTY TEACHING AND TECHNOLOGY FELLOWSHIPS

The Academic Computing Advisory Committee (ACAC) announces two competitions – one for students, the other for faculty.

▼ For the Student Computing/Technology Grants Program: Improving the Student Experience through Better Computers and Communications, student proposals are requested for computer and technology projects that support the teaching and learning mission of the University. The proposals will be reviewed by ACAC, with funding recommendations made to the Office of Vice President for Academic Affairs and Provost. Proposals should develop creative and innovative uses of technology to enhance the teaching and learning mission of the University.

Approximately \$25,000 will be allocated to student-initiated projects that will improve student learning through better computers, communications networks and other advanced technologies. Project requests may range from several hundred to a maximum of \$10,000. Funds for these projects come from student Technology Fees.

Deadline is March 10, although students may request an extension to March 31, provided that progress in preparing the proposal is being made. Requests for extensions may be made to ACAC Chair George Criner.

▼ Faculty are invited to apply for Teaching and Technology Fellowships. The purpose of the program is to build a pool of faculty knowledgeable in the use of information technology for teaching by creating a cohort of Faculty Fellows that will share their accumulated expertise in this area with others.

Faculty Fellowships include stipend or release time, equipment, and travel or training. Fellows are to be selected in spring 2000 by ACAC through open competition. The Fellowship program begins fall 2000, although Fellows may spend on their accounts beginning May 2000.

Each Fellow has up to \$9,000 in funding. Major funding is provided by the Technology Fee (Innovative Grant Fund) through the Office of the Vice President for Academic Affairs and Provost. Support comes from: the Center for Teaching Excellence, which coordinates the program, facilitates meetings of Faculty Fellows, organizes speakers series and coordinates workshops; IT, CED and UNET, which provide individual support to Faculty Fellows for developing new course materials/components.

Deadline is March 31.

For full copies of competition guidelines for Teaching and Technology Fellowships or Student Computing/Technology Grants, contact George Criner, 581-3150.

The ACAC/CTE Teaching and Technology Fellowships is one initiative from the ACAC as part of the innovative funds component of the student Technology Fee. Two other components are the Student Computing/Technology Grants Program and the Teaching and Technology Speakers Series, coordinated by IT and CTE. Information on the Student Computing/Technology Grants Program, the Teaching and Technology Speakers Series and the ACAC in general can be found at the ACAC Website: www.ume.maine.edu/acac/

Ethan Strauss, former graduate student; **Dillip Lakshman**, associate scientist; and **Stellos Tavantzis**, professor of plant pathology: "Molecular Characterization of the Genome of a Partitivirus from the Basidiomycete *Rhizoctonia solani*," *Journal of General Virology*, 81:549-55 (2000).

Howard Segal, Bird and Bird Professor of History: review of Howard McCurdy, *Space and the American Imagination, Technology & Culture*, 41:168-170 (January 2000).

S.S. Arnold, graduate student; **I.J. Fernandez**, professor of soil science and department chair; **L.E. Rustad**, USDA Forest Service and faculty associate; and L.M. Zibilske, USDA ARS: "Microbial Response of an Acid Forest Soil to Experimental Soil Warming," *Biology and Fertility of Soils*, 30:239-44 (1999).

James Troiano, professor of Spanish: "The Influence of Pirandello in Latin America," in the next issue of *PSA*, The Official Publication of the Pirandello Society of America.

Bob Vadas, UMM colleague Brian Beal, graduate student **Jill Fegley** and former graduate student **Tim Dowling**: "Experimental Field Tests of Natural Algal Diets on Gonad Index and Quality in the Green Sea Urchin, *Strongylocentrotus droe-bachiensis*: A Case for Rapid Summer Production in Post-Spawned Animals," *Aquaculture*, 182:115-35 (2000).

John Aber, Norman Christensen, **Ivan Fernandez**, Jerry Franklin, Lori Hiding, **Malcolm Hunter**, James MacMahon, David Mladenoff, John Pastor, David Perry, Ron Slangen, Helga Miegrot: "Applying Ecological Principles to Management of the U.S. National Forests," *Issues in Ecology No. 6*, Ecological Society of America, Washington, D.C., 20 pp. (2000).

Phillip deMaynadier, former research associate, Department of Wildlife Ecology, and **Malcolm Hunter Jr.**, Librarian Professor of Conservation Biology: "Road Effects on Amphibian Movements in a Forested Landscape," *Natural Areas Journal*, 20(1):56-65.

M.J. Hayes, S. Robersts, A. Davare: "Transactional Conflict Between Psychobiology and Culture in the Etiology of Postpartum Depression," *Medical Hypotheses*, 54(1):7-17 (January 2000).

Jack Witham, **Malcolm Hunter**, Hollis Tedford III, **Alan Kimball**, **Alan White** and Susan Gerken: "A Long-term Study of an Oak-Pine Forest Ecosystem: A Brief Overview of the Holt Research Forest," Maine Agricultural and Forest Experiment Station Miscellaneous Publication 745, 23 pp.

Kathryn Schilmoeller, adjunct assistant professor of human development, was a co-author with Beatrix Schieffer, Lynn Paul, Rosalind Dietrich, and Warren Brown of the Fuller Graduate School of Psychology, Pasadena, of the paper "Components of Intelligence and Basic Achievement in Agenesis of the Corpus Callosum," presented at the annual meeting of the International Neuropsychological Society, Denver, Feb. 10.

Juha Nurmi, B.S. 1981 in forestry, has published his dissertation "Characteristics and Storage of Whole-Tree Biomass for Energy," at the University of Helsinki and has dedicated his book to his UMaine mentor, the late **Harold Young**. A biomass specialist, Young did research in Finland in collaboration with Pentti Hakkila, former head of the Finnish Forest Research Institute in Helsinki. At the recommendation of Hakkila, Nurmi came to Maine to meet with Young, and enrolled at the University. Nurmi, who lives in Kannus, Finland, now works at the Forest Research Institute and specializes in bioenergy, wood harvesting and wood quality projects.

Daniel Sandweiss, professor in the Department of Anthropology and the Institute for Quaternary Studies, has received a Dumbarton Oaks Residential Fellowship in Pre-Columbian Studies for 2000-01. Dumbarton Oaks is a research library and museum in Washington, D.C., under the aegis of the Trustees for Harvard University. The fellowship will allow Sandweiss to spend the next academic year working on a book on the rise of civilization on the Peruvian coast.

The Center for Community Inclusion's Maine Adolescent Transition Project staff members, **Janet May**, project coordinator, and **Bonnie Robinson**, graduate assistant, presented a workshop, "Voices of Youth: Learning from Future Leaders," at the Maine School Counselor Association Leaders Preparing Leaders for a Bright Future Conference, Samoset Resort, Feb. 3. Madison Memorial High School students Tammy Harvell and Paula Francis assisted in the presentation by providing information that young people want their teachers to know about being a student who has a disability or special healthcare need. May and Robinson also presented a workshop, "Voices of Youth: Learning from Tomorrow's Leaders," at the Maine Support Network Winter Retreat, Celebrating the Millennium: Supporting Respectful and Responsible Learning Communities at the Samoset, Feb. 7. Assisting in this presentation were Valley High School (Bingham) students Jamie Belflower and Elijah Stewart, who provided information that teens want their teachers to know about being a student who has a disability or special healthcare need.

Professor **George Markowsky** of the Department of Computer Science was an invited speaker at the Pohang (Korea) University of Science and Technology (POSTECH) Workshop on Combinatorial and Combinational Mathematics, Feb. 15-17. POSTECH is modeled on CalTech and in some surveys is the top-rated technical university in Asia. Markowsky spoke on lattice theory.

Harlan Onsrud, professor in Spatial Information Science and Engineering and researcher with the National Center for Geographic Information and Analysis at the University of Maine, was elected Feb. 7 to be vice president of the University Consortium for Geographic

Information Science (UCGIS). After his term as vice president, he will serve 12 months as president, starting in February 2001. Onsrud specializes in legal and ethical issues associated with the use of geographic information systems. He teaches courses in land development, environmental law and spatial information engineering. UCGIS is a non-profit organization of universities and other research institutions dedicated to advancing understanding of geographic processes and spatial relationships through improved theory, methods, technology, and data. Nationwide, UCGIS has 58 members and seven industry and government affiliates.

Janet May, project coordinator, Maine Adolescent Transition Project; and **Lynn Giltow**, assistant research professor in the Opportunity To Completion Project, both in the Center for Community Inclusion, presented display boards and provided information and materials at the Penobscot Council on Transition School to Life Resource Fair, Bangor, Feb. 9. At the fair, they also presented project resource databases to a group of parents, students and educators in an afternoon workshop. These databases are available at:

www.ume.maine.edu/cci/odis/
www.ume.maine.edu/cci/matp/

Navy ROTC Midshipman **Benjamin Roy** has been selected to receive the Pine Tree Chapter of The Retired Officers Association Major General Joshua L. Chamberlain Scholarship. This scholarship is awarded annually to the UMaine ROTC junior year midshipman or cadet who best exemplifies the qualities that Gen. Chamberlain exhibited throughout his life – scholarship, patriotism, leadership and service. Roy is a mechanical engineering major who, after graduation, will be commissioned as a 2nd Lieutenant in the U.S. Marine Corps.

ANNUAL MAINE WATER CONFERENCE SCHEDULED

The latest efforts to improve water quality in Maine will be discussed at the annual Maine Water Conference April 13 at the Augusta Civic Center. Among the topics to be covered will be arsenic in Maine's groundwater, techniques to reduce water pollution from new developments and land use changes around Atlantic salmon rivers.

The public meeting is hosted by UMaine's Water Research Institute (WRI) with support from public and private organizations.

Conference co-chair John Jemison, Cooperative Extension water quality specialist, will open the meeting. Other morning speakers include Martha Kirkpatrick, Maine Department of Environmental Protection; Andy Smith, state toxicologist; John Peckenham, Water Research Institute; David Evers, Biodiversity Research Institute; Sherry Hanson, Maine Department of Marine Resources; Jack Clausen, University of Connecticut.

Five concurrent afternoon sessions will examine wildlife, citizen monitoring, arsenic, ecologically friendly development and water quality issues.

Class Book *continued from page 7*

The following day, she will deliver a lecture, "English and Algonquin Women in the Age of Homespun," 12:15-1:30 p.m., Bangor Lounge, Union, as part of the Women in the Curriculum Spring 2000 Lunch Series.

In addition to her public appearances, Ulrich will visit classes and meet with teachers of English 101. The film based on the book also is being shown on campus.

Ulrich is the James Duncan Phillips Professor of Early American History and professor of women's studies at Harvard University. She also directs the Charles Warren Center for Studies in American History at Harvard. *A Midwife's Tale* earned Ulrich 10 prestigious awards, including the Pulitzer Prize for History and the Bancroft Prize in American History, both in 1991. Her work in progress is *The Age of Homespun: Textiles in the Social History of Early America*.

Annual introduction of a UMaine class book begins with a large commitment by the English 101 program, led by Associate Professor of English Pat Burnes and the graduate teaching assistants in English who teach College Composition. This academic year, more than 1,400 ENG 101 students will have read at least part of the class book.

This year's selection seems to be generating a wider range of reactions than have class books in other years, Burnes says. "I had several students who got deeply engaged with it and wrote long, detailed, fascinating papers. Others wrote about how much they enjoyed reading of familiar names and places. One said he would never think about his hometown of Hallowell in quite the same way as he had before.

"Students who had not studied the history of women in the 18th century – or of men either, for that matter – were quite rightly amazed at the harshness of life in those times. They had not confronted just how hard survival was in those days. Some had a hard time with the reading. Most, of course, had not read scholarly research; it took them a while to get used to the format and to the demands that the book makes of them. Most were up to those demands, though, and I want to think the students came to respect what Ulrich was asking of them and what they were able to do in response."

Many of the students were surprised at how deeply they found themselves caring about Martha Ballard and her world, says Burnes. "I was pleased at that and decided it must have been a testimony to the depth of Ulrich's research and the work the students were willing to do."

Next year, Kail will begin an evaluation of the class book initiative. Two years from now, decisions will have to be made whether to continue what will then be a decade-long tradition at the University.

"The community has embraced this in ways I couldn't have anticipated," says Kail. "There are lots of examples of people cooperating and trying to build a tradition. Each year the Academic Affairs Committee of the Faculty Senate goes to the considerable trouble of selecting the next class book. Continuing Education Division uses the class book in a community course and also offers an upper-level Web course related to the class book. Campus Living has run films on class books (on the campus cable channel).

"The Bookstore has been terrific, Academic Affairs has supported the class book and Maine Hello has found monies to give each incoming student a copy of the class book.

"And then there is the willingness of class book authors, very busy people, to come to campus. When I explain what we're doing here, they have never hesitated," Kail says. ▲

Book Ends

New & Noteworthy at the University Bookstore

***The Weather of Words: Poetic Invention*, Mark Strand, Knopf (2000).** From the Pulitzer Prize-winning poet, a brilliant and witty collection of writings on the art and nature of poetry. Among the subjects Strand explores: the relationship between photographs and poems, the eternal nature of the lyric, the contemporary use of old forms, four American views of Parnassus, and an alphabet of poetic influences. Throughout *The Weather of Words*, Strand explores the crucial job of poets and their readers, who together attempt the impossible – to understand through language that which lies beyond words.

***Gertrude and Claudius*, John Updike, Knopf (2000).** John Updike's 19th novel tells the story of Claudius and Gertrude, King and Queen of Denmark, before the action of Shakespeare's *Hamlet* begins. Updike brings to life Gertrude's girlhood as the daughter of King Rorik, her arranged marriage to the man who becomes King Hamlet, and her middle-aged affair with her husband's younger brother. Gaps and inconsistencies within the immortal play are to an extent explained in this prequel. In this modern retelling of *Hamlet*, Gertrude and Claudius are seen afresh against a background of fond intentions and familial dysfunction.

***My Generation: Fifty years of sex, drugs, rock, revolution, glamour, greed, valor, faith, and silicon chips*, Michael Gross, Harper Collins (2000).** *My Generation* is the collective biography of the millions of Americans born between Pearl Harbor Day in 1941 and the 1963 assassination of JFK. The compelling narrative brings to life all the defining moments; the civil rights, anti-war and identity struggles; the highs and lows of drugs and the sexual revolution; retreat and retrenchment; the rediscovery of faith; the rise of conservatism. The book ends with the cyber revolution, and the reign of Bill and Hillary Clinton, who a number of their age peers think represent them at their worst. This remarkable book is a chronicle of the achievements and conflicts of a powerful generation, the baby boomers.

***The Vision of Emma Blau*, Ursula Hegi, Simon & Schuster (2000).** *The Vision of Emma Blau* is the eagerly awaited companion to the phenomenal best-seller, *Stones from the River*. At the heart of this multigenerational novel is an intriguing question: If you knew that you could experience a significant love once in your life, would you want those years at the beginning or at the end? *The Vision of Emma Blau* is the epic of the Blau family, a bicultural family of the 20th century filled with passion and aspirations, tragedy and redemption. Ursula Hegi creates a fascinating picture of immigrants in America: their dreams and disappointments, the challenges of assimilation, the fragility of language and its transcendence, the love that bonds generations and the cultural wedges that drive them irrevocably apart. This is a powerful and absorbing book.

TAX ASSISTANCE AVAILABLE

Accounting and Tax students from the Maine Business School are available to provide free assistance for people filing state and federal income tax returns. This program, VITA, is sponsored by the IRS.

Assistance is provided 3:10-4:30 p.m., every Wednesday through April 12, except during Spring Break, 113 Corbett Business Building. To receive assistance, bring your W-2s, 1099s, other tax information, and any tax forms you may have.

Call Steve Colburn, 581-1982, for more information.

CEAC BROWN BAG LUNCHEON

The second informational Brown Bag Luncheons, offered by the Classified Employees Advisory Council (CEAC), will feature a talk by Anita Wihry, executive director of Institutional and Facilities Planning, noon-1 p.m., Tuesday, March 28, Bodwell Lounge, Maine Center for the Arts. Wihry will talk about changes related to facilities and parking, and plans for a walking campus. Members of the University community are invited to attend. Bring a friend and lunch; CEAC will provide beverages and desserts. For more information, contact Gail Dyer-Martin, Mary Fernandez or Patti Tewhey.

Marten *continued from page 9*

Martens prefer complex structure

In a technical bulletin published by NCASI in 1999, Harrison and David Payer, a research associate in the UMaine Department of Wildlife Ecology, report that martens tend to prefer structure associated with mature forests such as taller trees, higher live-tree basal areas and greater volumes of snags. Their results are based on tracking data from 173 yearling and adult martens.

In contrast to martens in the West, which prefer conifer forests, martens in Maine use a variety of stands equally, including conifer, deciduous and mixed forests, Harrison and Payer also note. However, results from companion studies by Harrison's students strongly suggest that extensive clearcutting can fragment marten habitat. While martens will hunt in regenerating clearcuts, they tend to avoid such areas when choosing where to establish their home range, and continue to avoid them for 30-35 years after harvest.

Indeed, industrial forests have tended to lower marten densities and younger populations than areas within the park. Even where trapping was not allowed in the industrial forests, the density of martens there was approximately half the density in the forest reserve. Moreover, industrial forests tended to harbor younger animals.

To provide suitable marten habitat, Harrison and Payer recommend that forests be managed to contain at least 80 square feet of basal area of live trees per acre and that at least 25 percent of the standing basal area be composed of snags. Martens also select stands where mean tree height is greater than 30 feet.

Although research elsewhere suggests that martens need a relatively closed forest canopy, the UMaine researchers have found that structure associated with rock piles, downed woody debris, understory foliage and snags can offset losses of overstory canopy. Harrison and Payer found that martens make extensive use of stands defoliated by the eastern spruce budworm where the canopy closure is less than 50 percent.

Martens use harvested areas

However, it is still not clear just how intensively martens use harvested areas. Trapping in the industrial forest west of the park reduces the marten population to the point that remaining animals can choose the best habitat, the researchers say. It may be that a larger population would push martens into less desirable but still adequate areas.

For example, martens in industrial forests had high survival rates in the absence of fur trapping and high reproductive performance of individual adult females. Harrison notes that viable populations can be maintained in industrial forests provided fur trapping is properly managed. Additionally, the landscape matrix needs to include numerous two to three square mile areas that are contiguous and predominated by forests taller than 35 feet which maintain the structural attributes required by the marten.

Martens may be able to adapt to several forms of partial harvesting. Harvest techniques that leave tops and branches, for example, can be beneficial to the species, Harrison adds.

In an ongoing study, Angela Fuller, a master's student in the Department of Wildlife Ecology, has been investigating the relationship between martens and tree harvesting systems in forest just west of the park. Working with Harrison in 1997 and 1998, she trapped and secured radio collars to 16 martens in an effort to track their use of mature, clearcut and partially cut forests.

Fuller found that martens avoid clearcuts during the winter and summer months, despite the fact that clearcuts have high concentrations of snowshoe hares, a winter staple of the marten.

Martens use partially cut and mature forests about equally during the summer. During the winter, martens show a preference for mature forests, and martens in partially cut areas maintained larger home ranges, an indication that such areas have reduced habitat qualities, says Fuller.

The combined results of work by Harrison, Payer, Fuller and others indicate that martens will continue to occupy managed forests until the combined percentage of clearcuts less than 35 years old and partial harvest exceeds 40 percent of the landscape. Marten use of areas where partial harvest and clearcuts exceed that threshold drops off quickly. ▲

RECIPIENTS OF REGULAR FACULTY RESEARCH FUND, SCIENTIFIC EQUIPMENT AND BOOK FUND COMPETITIONS ANNOUNCED

Daniel Dwyer, vice president for Research, is pleased to announce the recipients of the Regular Faculty Research Fund and the Scientific Equipment and Book Fund competitions. Recipients are selected based on recommendations by the Faculty Research Funds Committee. Funds for this program are provided by the vice president for Research as part of a broader investment strategy designed to assist faculty and encourage research and other creative achievements.

Regular Faculty Research Fund Competition:

Carolyn Ball, Public Administration, "Quantifying Domestic Violence from Police Incident Reports"

Alexander Chizhik, Education and Human Development, "Opportunity for All Students to Learn Within Collaborative Groups: Do I Have to be Perceived as Smart and Cool in Order to Learn?"

Burton Hatlen, Virginia Nees-Hatlen, English, "A New Edition of the Collected Poems of Muriel Rukeyser"

Jeffrey Hecker, Douglas Nangle, Psychology, "Juvenile Sex Offenders in Maine: An Eight-Year Follow-Up and Risk Assessment"

Cynthia Mahmood, Anthropology, "Atrocities in Punjab and the Discourse of Indian Democracy"

Reeser Manley, Biosystems Science and Engineering, "Comparison of *Euonymus alatus* and *Euonymus alatus* 'Compactus' with Respect to Seed Germination and Plant Development in Relatively Undisturbed Forest Ecosystems"

John Moring, Biological Sciences, "Development of a Non-Lethal Stomach Lavage Procedure for Examining Stomach Contents of Small Marine Fishes"

Suneeti Nathani, Communication Science Disorders, "A Cross-Linguistic Investigation of Rhythmic Organization in the Vocalizations of Typical Infants"

Gary Schilmoeller, Education and Human Development, "Consequences of Agenesis of the Corpus Callosum or Other Callosal Anomalies"

Susan Sullivan, Food Science and Human Nutrition, "Calcium, Vitamin D, and Seasonal Bone Turnover in Adolescent Girls"

John Tjepkema, Biological Sciences, "The Production of Hemoglobin by *Frankia*, a Nitrogen-Fixing Bacterium"

Scientific Equipment and Book Fund Competition:

Harold Dowse, Biological Sciences, "WPI PUL-100 Micropipette Puller"

Robert Gundersen, Biochemistry, Microbiology, and Molecular Biology, "Zeiss Stereo Dissecting Microscope with Fiber Optic Illumination and Camera Adaptors"

Nancy Ogle, School of Performing Arts, "Research Library of Music Recordings to be Housed in the Fogler Listening Center"

Liam Riordan, History, "Expansion and Rehabilitation of Early American Imprints (1630-1819)"

Denise Skonberg, Food Science and Human Nutrition, "Paoli One-Step Model 22 Mechanical Deboner"

Geoffrey Thorpe, Psychology, "E-Prime System with Deluxe Serial Response Box Computer with Adequate (specialized) Processing Capabilities"

Roy Turner, Computer Science, "2-CPU Computer to Support the Modeling of Marine Fouling Community Succession"

Nature continued from page 7

"The correspondents are from all walks of life and are all ages, including teachers, librarians, homemakers, retired professors, millworkers and a few school-age children," says Wihbey, an avid hiker and nature observer on his treks on Connecticut's Blue Trails and the Appalachian Trail, and in the White Mountains and Acadia. "We are people of all levels of interest and at different points in our nature-watching careers. What we all have in common is our interest in nature."

Correspondents' reports, which close with the authors' initials, are listed chronologically in the journal. Wihbey tries to maintain geographical diversity in the reports by prompting correspondents in different parts of the state with questions, sometimes one- or two-word queries: Thawing? Geese flying?

“Oftentimes, people only want to send in the extraordinary,” says Wihbey. “I tell them that even reporting what they see regularly will tell us whether something is early, late or just worthy of note. People also tend to focus on birds or big mammals. I tell them we are interested in everything – water, ice, amphibians, sun dogs (rainbow-like effects on either side of the Sun due to ice crystals in high altitude clouds) and insects. Particularly interesting are the number of other unusual sightings of animals reported to be in places or seasons we didn’t expect to find them.”

“We are in a state with breadth and depth. Things are happening in different zones. An event in nature in one zone sets the stage for what could be happening in another.”

Readers also write in with questions, an average of 15 a month, which Wihbey answers or he finds someone who will. Got a question on chickadees? Wihbey will find an expert to respond to your inquiry. To date, queries for Maine nature observers have come from as far away as Sweden.

The most-asked questions concern black flies. Correspondents' reports about the first sightings south to north and coast to inland give outdoor enthusiasts clues when the infamous season will begin in their area of the state. Wihbey publishes weekly updates from May to July about the onset of black flies (rated on a scale of 1 to 3: 1 – none or few; 2 – some, but tolerable; 3 – many, a royal pain) .

“We are not conducting scientific projects, but we are gathering enough data to draw tentative conclusions with the primary material being reported,” Wihbey says. “With these reports, we can look back and see the frequency of sightings. Like the infrequent reports of snakes. Or changes in the dates when mayflowers appear.”

Past issues are also archived on the Web. “We now have four years of original observations that would not have been here if this (Web-based) newsletter had not happened.”

Correspondents' reports make the newsletter fascinating. They also make or break the publication. "There is no content unless there is participation," Wihbey says. "People who do report get the satisfaction of communicating with others who also are interested in nature."

“The more fascinating aspect for me is seeing someone’s great detail about fall colors and know how much it means to them. What we are developing is a community. While correspondents and readers don’t know me and I don’t know them, we are all in the process of discovery.” ▲

The University of Maine System offers a low-cost dental hygiene clinic to the public, September-May. All dental hygiene services are provided, including oral exams, dental cleanings, fluoride treatments, sealants, athletic mouth guards and X-rays. Services are provided by dental hygiene students under the supervision of faculty. For more information, call University College of Bangor Dental Health Programs, 262-7872.

Voice *continued from page 11*

UMaine's master's program in counselor education. To help pay for graduate school, Hunt worked as a resident director in Knox Hall.

It was the first time Hunt had ever been on the University of Maine campus.

"I grew up in Hermon, but never set foot on the University, which speaks to ruralness and lack of awareness of institutional resources available to the community," says Hunt, now an RD in Hart Hall. "I never went to Bar Harbor until I was 27."

Following her master's degree, Hunt spent the next 18 months working with Upward Bound students at the University. "They were kids like me with the potential to go to college but not the finances," says Hunt. "I have a soft spot for adolescents. They need to know that there are caring adults who can help them with any of their issues, who believe in their potential for change and growth."

Hunt's decision to leave her job and pursue an Ed.D. was championed by just such a caring adult.

"It was my dad's dream," she says. "He couldn't read or write, but he was enamored with the idea that I had the potential to get as much education as possible. I found out last November that I'd been accepted. He started telling people that I was going to school to be a doctor. He died last March at the age of 54."

Like her father did, more adults need to look at children – all children – as the future of “who we are,” says Hunt. It has to do with the potential adults have to help young people to find their way. And it has to do with recapturing “a responsibility to our young people that is missing.” ▲

Emeriti Activities

C. Stewart Doty of Albuquerque is professor emeritus of history. Doty taught at UMaine from 1964-96. Since retiring, he has taught a course on Canada at the University of New Mexico and regularly is a volunteer teacher with the New Mexico Institute for Lifelong Learning. His article, "French Fascism in Franco-American New England," appeared in the *Journal of Contemporary History*. Doty won the James M. Davenport Memorial Award of the National Education Association, given annually for leadership, advocacy, and service to NEA's higher education members. The award was made to Doty for leading the successful collective bargaining drive in the 1970s and for getting NEA to fight for reform of TIAA/CREF in the 1980s. Doty also is a docent at the Albuquerque Museum, a free museum of art, history and culture.

Vaughn Holyoke of Brewer is Extension crops specialist emeritus and former Cooperative Extension director. Holyoke serves on the Maine Board of Pesticides Control. Throughout his years at UMaine, from 1958-96, Holyoke says he was always thankful for the countless volunteers who made Extension a successful organization. Now, he says, it's his turn to volunteer. He volunteers at Acadia National Park, with Meals for Me and at Holbrook Middle School as a cross-country coach.

Arthur Johnson is professor emeritus of history and former UMaine president. Since leaving UMaine, he has made his home in Camden and Damariscotta. During his years at the University, 1968-86, Johnson's academic areas of interest focused on maritime history, and economic and business history. He continues to actively research Maine's contribution to Arctic research and exploration. He served as interim director of Maine Maritime Museum when it opened its new building in 1989.

Hugh Murphy of Orono, professor emeritus of agronomy, was a member of the faculty from 1948-95. He was the long-time editor, and served in several other positions, for *The American Potato Journal* of the Potato Association of America, located in Coburn Hall. Murphy retired from the Potato Association last July, and is now an honorary lifetime member. He also is a manuscript reviewer for three technical journals.

Applying On-Line *continued from page 2*

That includes continual updating of Admissions' Website (www.ume.maine.edu/~umadmit/).

"Throughout Maine, students are increasingly on-line," says Henry. "While visiting schools Down East last October, I observed that two-thirds of inquiry cards from prospective students included e-mail addresses. We have to have information available to students in a form they're comfortable using."

Of the on-line applications to UMaine this year, 44 percent have been from prospective students in 36 states other than Maine.

As of Feb. 1, applications for the coming academic year were up 3 percent over last year. Fall 1999 applications were 12 percent ahead of those submitted in 1998.

In addition, deposits for the fall are currently up 30 percent.

Nationally, May 1 is considered the common reply date. The University also maintains rolling admission.

Last year, UMaine enrolled 1,611 first-year students. The target for the coming academic year is 1,700. As in past years, 80 percent of the University's incoming class is expected to come from Maine.

Technology not only facilitates communication with prospective students but decreases response time in the application process, Henry says. With a computer interface developed by Enrollment Management Data Specialist Janet Boucouvalas, on-line admission forms are uploaded directly to ISIS, UMaine's student records system. The streamlined process is more cost-effective and timely, allowing the University to respond quicker to applicants.

With the success of UMaine's on-line application system, UNET is developing a similar electronic process for all seven campuses of the University of Maine System. The new system-wide Web application is expected to be ready as early as fall 2000. ▲

Expanding Horizons *continued from page 2*

lunch for the 50 women presenters. Discussion groups for adults accompanying the girls will focus on adolescent development and encouraging girls in math and science.

University Bookstore will display a variety of books on topics related to girls, adolescence and nontraditional career fields.

The conference will open with an original play, *I'm Sticky Like A Frog*, performed by members of A Company of Girls, a program of Portland's East End Children's Workshop. The after-school theatre and arts program for girls is designed to increase self-esteem and self-image, develop better connections with their families and communities, and expand their communication and decision-making skills. *I'm Sticky Like A Frog* explores what it means to be a girl by drawing on the lives of elders and women in the actors' lives.

As they did last year, Expanding Your Horizons participants will tour research facilities, as well as areas such as the New Media Lab and the Planetarium.

In an important cross-generational component of the conference, UMaine students will lead gender and equality workshops for the girls. In addition, members of the Orono-Old Town chapter of the American Association of University Women have volunteered to help with many of the logistics associated with the conference.

"Expanding Your Horizons is an opportunity to make a connection between the University and girls and adults from all over the state," says Sharon Barker, director of the Women's Resource Center. ▲

Media Spotlight

Smith Interviewed by Associated Press

Stewart Smith, professor of sustainable agriculture, spoke Feb. 18 with an Associated Press reporter for a story about a specific technique used by organic gardeners and farmers to extend the growing season.

Camire Talks About Food Trends

Mary Ellen Camire of the food science and human nutrition faculty was interviewed by a reporter from the Michigan State student newspaper for a story about breakfast food trends. She pointed out that more cereals are now fortified and that vitamin- and mineral-fortified beverages are becoming more popular. Camire also says that many college-age people are receptive to cereals and food bars, because they did not grow up eating breakfasts featuring meat and eggs.

Donation for Landscape Horticulture Makes Headlines

At least 54 newspapers across the country carried news of Ivana Trump's donation of a Bill Grossett painting, to be auctioned March 9 in Palm Beach at a fund raiser to benefit The Robert and Catherine Barrett Fund for Landscape Horticulture at UMaine. The event is hosted by the Barretts of Bar Harbor and Palm Beach.

UMaine Cooperative Extension

Plant-A-Row for the Hungry

This year, gardeners across Maine are invited to join the fight to end hunger with the Plant-A-Row for the Hungry program.

Begun in 1995, Plant-A-Row for the Hungry is a nationwide effort that encourages gardeners to dedicate a row of their vegetable gardens and donate the harvest to local soup kitchens, shelters, food pantries and neighbors in need.

In Maine, master gardeners are spearheading the Plant-A-Row effort, and all are welcome to participate. In addition to planting, volunteers also are needed to weigh or deliver produce, lend land and take photos of gardeners at work. Commercial farmers also are invited to participate by donating excess produce.

In 1999, a small but significant number of Maine gardeners donated 2,354 pounds of vegetables. In 2000, with master gardeners and local growers involved statewide, the goal is to donate 100,000 pounds of fresh, high-quality produce to those in need.

Statewide information about the Plant-A-Row for the Hungry program is available by contacting Barbara Murphy, Oxford County Cooperative Extension, 9 Olson Road, South Paris, Maine 04281 (1-800-287-1482).

PRESIDENTIAL PUBLIC SERVICE ACHIEVEMENT AWARD

Since 1982, in recognition of the mission of public service at the University of Maine, the President has annually presented the Presidential Public Service Achievement Award to an individual University of Maine faculty or professional staff member in a teaching, research and/or public service unit who has demonstrated distinguished achievement in public service.

Nominations are now being accepted for this award, and are to be submitted to the Office of the Provost no later than 4:40 p.m., Friday, March 17.

Nomination guidelines are available in all deans' offices or by contacting the Office of the Provost.

The award will be announced and presented at the Honors Convocation in May.

Questions or assistance in the preparation of the necessary documents required for nomination may be directed to Barbara Hikel, Office of the Provost, x1507.

Printing and Mail *continued from page 1*

"We need to modernize what we're doing, offer better quality service and lower prices. Bringing those outsourced jobs back in-house will allow us to increase production that, in turn, will mean we can pass on even lower prices to the University community. It's part of being responsible with University resources," Durringer says.

New technology is making it possible to streamline the printing-distribution process, says Arthur Larsen, director of Printing Services. For instance, fliers created at Printing Services can be printed complete with mailing addresses, saving the expense of separately printing and then applying mailing labels. The next generation of printing and mailing equipment can address, bar code and sort such mailings.

"That's why increasingly the trend is for mail services to merge with printing operations," says Larsen. "It just makes sense. A piece going in the mail should start with the idea of how to get it in the hands of end-users in the most cost-effective manner."

Mail Services operates with minimal equipment, much of which has not been updated for more than a decade. The University will modernize campus mail services by leasing or purchasing the necessary automated equipment.

Automated mail services will allow a greater volume of U.S. mail coming to and going from the University to be handled on campus. The more mail handled by one mail services center, the more savings customers realize in postal rates.

Currently, Mail Services annually handles 2 million pieces of U.S. mail and 4 million pieces of campus mail.

"With automated equipment like a bar coding machine, we will be able to offer campus customers postage discounts," says Jim Vaillancourt, Mail Services supervisor. "If we qualify for discount rates, third-class mailings could be lower on pieces with New England zipcodes, and with enough pieces of first-class mail, we could qualify for a five-digit discount (all five digits being the same), affording significant savings on postal charges."

Up until seven years ago, U.S. mail was delivered to buildings on campus by the Orono Post Office. Subsequently, UMaine contracted with the Bangor-based Mail Wise to handle and distribute U.S. mail on campus from a postal center in Hampden.

A number of UMaine offices, especially those with large bulk mailings, are going to off-campus mailing centers, a practice Durringer hopes to make unnecessary.

"For instance, from Fogler Library, we send out thousands of books, all over the country," Durringer says. "Members of the library staff are packaging them up one at a time. With the right equipment, we can offer mail services to handle such mailings on a volume basis."

Without up-to-date mail service capabilities on campus, the University has lost opportunity and money, says Durringer. Over time, Mail Services will become part auxiliary and part E&G, and will strike a balance between being self-supporting and returning savings to campus customers.

Durringer plans to meet with groups on campus, including those departments and divisions with large bulk mailings, to determine what on-site mail services are needed and what improvements can be made to increase efficiency and cost-savings. Following campus feedback, a plan will be developed to provide the campus with integrated printing and mail services. Durringer says such a plan could be ready as early as the start of the new fiscal year.

"With the information we get from people on campus, we will gear our capabilities to meet the demand," says Larsen. "We're requesting this dialogue in order to map the direction the merger of campus Printing and Mail Services can take to best meet the needs of those in the University community."

Customer service for printing and mail will be available in University Printing Services. In addition to such capabilities black-and-white and color copying, laminating, binding and printing services available, members of the University community will be able to also arrange for bulk mailings, packaging, shipping and any other mailing needs at Printing Services.

Printing Services' quick copy center in the Union, next to the Bookstore, also will include a postal center. ▲

Provost *continued from page 1*

"The provost's position is an extremely important one for the campus and the state, and I am greatly honored to be joining UMaine," Kennedy says. "From everything I know about the University, especially through my interactions while on campus, I am very impressed by the quality of the students, faculty and staff at UMaine. The unique mission and importance of the University to the state, the excellent leadership team, and the exciting things happening across the campus and throughout the state, make this a tremendously attractive opportunity."

The recipient of 42 research grants and the author of 57 scholarly publications during his career, Kennedy earned a bachelor's degree from the University of Minnesota in 1968 and a Ph.D. from the University of California-Berkeley in 1974.

Kennedy will succeed Donald Zillman, who has served as UMaine's interim provost during the 1999-2000 academic year. ▲

We Remember

Fenton Stormann

Fenton Stormann, long-time member of the Department of Physics and Astronomy, died Feb. 5 – his 74th birthday.

Beginning in 1957, Stormann served UMaine for more than 40 years, first as an assistant mechanic, when the Department of Physics was in Aubert Hall, and later in Bennett Hall as an engineering associate for the Department of Physics and Astronomy. He was a second-generation employee in the Department, working alongside his uncle, the late Linwood "Red" Stormann.

Fenton Stormann was a valued aide to those who taught large introductory physics courses. He was charged with setting up the physics demonstrations and ensuring everything was in order before the lecture. Then, in the brief 10 minutes between classes, he had to take down these demonstrations and set up new ones for the next class. Stormann also was involved in the repair and maintenance, as well as some construction, of apparatus for the introductory physics lecture and the associated laboratory.

For many years, Stormann was in charge of the Department's weather recording program. He collected weather data from various recording instruments in Bennett Hall, filled out the appropriate data forms, and sent these to the U.S. Weather Bureau. In 1990, the Department received an Institutional Award from the U.S. Department of Commerce for 75 years of service; much of this recognition was due to Stormann's efforts.

Stormann was always willing and able to do just about anything asked of him to help the Department. This ranged from equipment repair, woodworking and painting to assistance with moving unwieldy equipment from one area of the building to another. He will be missed by those who worked with him, not only for his ability to get the job done but also for his Maine sense of humor. ▲

Positions Available

The following positions are currently available at the University of Maine. This list includes titles and contact information. Interested parties should consult either The University of Maine contact listed for each open position or Web listing (www.umaine.edu/hr/jobs) to obtain a complete job announcement, including required qualifications. All positions are full time, unless otherwise specified. Questions about search procedures should be directed to the Office of Equal Opportunity, 581-1226.

FACULTY

Extension Educator, Washington and Hancock Counties (Position #69), University of Maine Cooperative Extension. Deadline: 3/17/00.

Extension Educator, Franklin and Somerset Counties (Position #67),

University of Maine Cooperative Extension. Review Begins: 3/24/00.

For these two positions, send letter of intent, resume, all transcripts and at least three letters of recommendation tailored to fit position to: Sandra Vaillancourt, Room 103, 5741 Libby Hall, Orono, ME 04469-5741. To request full job description with detailed statement of additional qualifications, contact Sandy Vaillancourt at 1-800-287-0274, 207/581-3191, 207/581-3325 (fax), or email at sandyv@umext.maine.edu

Assistant Professor, Higher Educational Leadership, College of Education and Human Development. Tenure track. Review Begins: 3/10/00. Send letter of application, current curriculum vitae, short writing sample, and names and contact information for at least three references to: Suzanne Estler, Chair, Higher Education Search Committee, Room 331, 5749 Merrill Hall, Orono, ME 04469-5749; email: estler@umit.maine.edu

PROFESSIONAL

Associate Dean of Students and Community Life, reporting to the Assistant Vice President and Dean of Students and Community Life. Review Begins: 3/27/00. Send letter of application outlining interest and qualifications for position, resume, and names, addresses, and e-mail addresses for six references to: Douglas Gelinis, Vice Provost for Undergraduate Education, Room 201, 5721 Alumni Hall, Orono, ME 04469-5721.

Planning & Reporting Coordinator (Position #70), The University of Maine Cooperative Extension. Part-time (20 hours/week), \$12,000-\$15,000. Review Begins: 3/24/00.

OUTSTANDING CLASSIFIED EMPLOYEES AWARDS

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

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

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

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

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

Deadline for receipt of nominations is March 31.

Late nominations will not be accepted.

Environmental Education Program Coordinator (Position #68), The University of Maine Cooperative Extension. \$28,000-\$30,000. Review Begins: 3/20/00.

For these two positions, send letter of intent, resume, all transcripts and at least three letters of recommendation to: Sandra Vaillancourt, Room 103, 5741 Libby Hall, Orono, ME 04469-5741. To request full job description with detailed statement of additional qualifications contact Sandy Vaillancourt at 1-800-287-0274, 207/581-3191, 207/581-3325 (fax), or email at sandyv@umext.maine.edu

Systems Manager, Department of Industrial Cooperation. Fiscal year, \$30,000-\$35,000. Review Begins: 3/10/00. Send letter of interest, resume, and names, addresses, and telephone numbers of three references to: Bruce Barber, 5735 Hitchner Hall, Orono, ME 04469-5735.

The University of Maine is an Equal Opportunity/Affirmative Action Employer. In complying with the letter and spirit of applicable laws and in pursuing its own goals of diversity, the University of Maine System shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veterans status in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Questions and complaints about discrimination in any area of the University should be directed to Evelyn Silver, Director of Equal Opportunity, The University of Maine, Room 101, 5754 North Stevens Hall, Orono, ME 04469-5754, telephone (207) 581-1226 (voice and TDD).

GRADUATE ASSISTANT POSITION AVAILABLE IN WOMEN'S RESOURCE CENTER

The Women's Resource Center is hiring a Work Study graduate assistant for summer 2000 and AY 2000-01 to coordinate a gender equity project for WRC that examines girls' friendships.

Project: Examination of the impact of power relations on girls' friendships, or the ways in which girls' subordination within the culture affects their relationships with each other. Graduate student will work with the WRC director and with visiting scholar Lyn Mikel Brown to coordinate discussions on campus, and with community groups interested in examining the power dynamics of girls' friendships. Includes some supervision of undergraduate and high school students.

Must be Work Study-eligible for this position.

For information, contact Sharon Barker, director of the Women's Resource Center, 581-1501.

GRADUATE ASSISTANT POSITION AVAILABLE IN CAREER CENTER

The Career Center has an opening for a Graduate Assistant for the 2000-2001 academic year. Students who filed the Free Application for Federal Student Aid (FAFSA) by March 1, 2000, and who subsequently qualify for Work Study, are strongly urged to apply. However, all qualified applicants will be considered, regardless of financial aid status.

Responsibilities include: taking a lead role in actively promoting and marketing the Career Center's programs using a variety of media, as well as using public speaking skills; engaging in extensive outreach activities to students and faculty; providing direct service to students; providing coordination and support for the Cooperative Education Internships Program; assisting with special projects.

Qualifications: strong verbal, written and interpersonal communications skills; strong organizational skills; ability to interact in a professional manner with faculty, students, alumni and employers; proficiency using computers required; familiarity with MS Word, Filemaker Pro, World Wide Web and FirstClass preferred; full-time graduate degree student status – citizen or eligible non-citizen; strong interest in career counseling, student development, higher education, and/or human resources

Salary: \$7,500-\$8,500 for the academic year, working 20 hours per week; tuition waiver for the academic year (up to 9 credits per semester)

To apply: Send letter of application, resume, names of three references, and your social security number to Patty Counihan, Career Center director, Chadbourne Hall. First consideration will be given to those applying by March 17. For more information, call 581-1359.

Council for International Exchange of Scholars invites preliminary applications to the Fulbright Distinguished Chairs Program. Thirty-four awards are anticipated in Europe and Canada, most with enhanced benefits, for part or all of academic year 2001-02. Candidates must be U.S. citizens and have a prominent record of scholarly accomplishment.

Deadline: May 1.

National Endowment for the Humanities Fellowships provide salary support to scholars for full-time pursuit of work that can enhance their capacities as interpreters of the humanities and enable them to make significant contributions to thought and knowledge in the humanities. Deadline for fellowship periods to begin at any time in calendar year 2001: May 1.

National Science Foundation invites proposals for exploratory, high-risk/high-return research feasibility studies on new technologies applied to the environment, specifically to environmental sensing, remediation, and environmentally benign manufacturing/processing and materials. Deadline: May 15.

U.S. Environmental Protection Agency supports exploratory research to anticipate future environmental issues. The FY00 program has three foci: biopollution, e.g. problems associated with invasive

species, gene transfer in the environment, or the hybridization of formerly isolated subspecies; development of future scenarios for use in regional scale ecological risk assessment; and investigator-identified emerging environmental problems and their solution. Deadline: July 6.

U.S. Department of Energy plans to solicit proposals for university research and development in technologies to promote energy efficiency across the transportation, industrial, and building sectors. Priorities: advanced materials, biobased products and bioenergy, combustion processes, sensors and controls, computational sciences, and energy storage and power conversion. The solicitation will be issued in March.

National Institute on Drug Abuse makes Small Grants of up to \$50,000 in direct costs per year for up to two years for projects of biological, behavioral, clinical, epidemiological, health services, or prevention research relevant to the study of drug abuse or addiction.

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

Campuswide Calendar

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

PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD

2000 Presidential Research and Creative Achievement Award nominations are due Friday, March 10 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 in the Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, and in the Offices of Deans, as well as on the Office of Research and Sponsored Programs Website: www.ume.maine.edu/~spd/index.html

SECOND GRADUATE RESEARCH EXPOSITION

April 4-5 Wells Conference Center

All graduate students in all disciplines are encouraged to develop and present posters displaying their work, and all members of the campus and local communities are invited to come and learn about the exciting and important contributions our graduate students are making in their fields. Several presentation prizes will be awarded. Watch for more details in the Association of Graduate Students folder on FirstClass.

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETINGS

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

Listed below are the meeting dates for the spring semester. Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting. Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498. The information is also available at the ORSP Website, www.ume.maine.edu/~spd/index.html.

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

IACUC Meeting Dates (submit protocols at least two weeks before meeting date): March 28, April 18, May 16.

What's Ahead

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**WOMEN'S HISTORY
CELEBRATION
March-April**

**CEAC DEVELOPMENT DAY
March 15**

**HIGH SCHOOL JOURNALISM
CONFERENCE
March 24**

**CLASSES RESUME
March 27**

**"TOMBS, TEMPLES AND
TEUCHITLAN TRADITIONS:
A VIEW FROM
THE WILD WEST"
March 31**

MAINE
Perspective

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

