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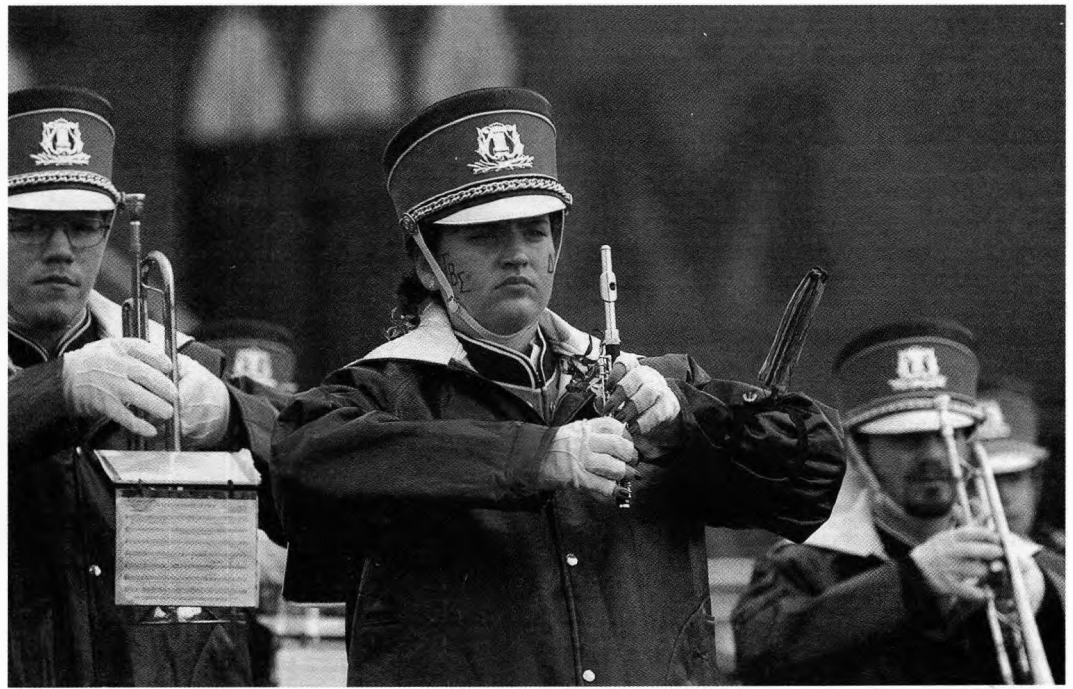


Photo by Monty Rand

## UMaine Achieves Reaccreditation

The nearly two-year process involving a comprehensive self-study and evaluation by a visiting team representing the Commission on Institutions of Higher Education has ended with the University of Maine being reaccredited by the New England Association of Schools and Colleges (NEASC).

Now those two reports will guide the University's long-range strategic planning that is already under way.

*What we learned is that our own understanding of the University meshes well with what people from the outside see when they look at UMaine.*

In a letter to President Peter Hoff, NEASC chair Adrian Tinsley noted that continuation of accreditation is based on finding that its standards are being "substantially met" by UMaine.

"We commend the University for having prepared a candid, thorough and well-written self-study containing thoughtful appraisals of the institution's various strengths and weaknesses, as well as proposals for the improvement of its various components," she said in her Oct. 21 letter to Hoff. "It is apparent that the institution has successfully weathered a very difficult decade, one marked by painful budget cuts and significant turnovers in administrative leadership, and has done so in an orderly fashion while maintaining the quality of its academic programs."

The purpose of accreditation is to ensure that participating schools adhere to high standards of quality in all their programs. The decennial

accreditation review is an evaluative process designed to encourage institutions constantly to work toward improving quality, increasing effectiveness and striving for excellence.

The UMaine reaccreditation process began in fall 1997 with the appointment of an Accreditation Self-Study Steering Committee, chaired by Vice Provost for Undergraduate Education Doug Gelinas and former Faculty Senate President Kathleen March. The Self-Study, the result of work by 11 subcommittees, one for each accreditation standard, was issued in October 1998.

An evaluation team from NEASC's Commission Institutions of Higher Education visited campus April 5-8 and issued a subsequent report.

In keeping with the policies of the Commission, Hoff reviewed and responded to the Evaluation Report. The Commission met this fall to consider the reaccreditation.

The University's next accreditation review will

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### In Perspective

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



## Student Affairs Reorganizes to Better Structure Campus Life

Student Affairs units have been reorganized to better structure campus life. The goal is to support academic study and faculty-student interaction, and give students an out-of-class education.

"We need to provide a high level of community for those on and coming to campus," says Vice President of Student Affairs Richard Chapman. "With a high level of engagement, we can help students learn and get more out of their campus experience. We need to provide a venue for students to try out their academic learning. It is important to their total education."

To make this happen, synergy is needed, says Chapman.

The major divisions of Student Affairs – Residential Life, Dining Services and the Center for Students and Community Life – have been reorganized. Units within the divisions have changed reporting relationships and been aligned based on their common functions. The reorganization also groups Student Affairs units based on the way they relate to students.

The educational arm of Residential Life is now called Residence Life and Programs. Its principal mission and function are more closely related to that of the Campus Life unit of the Center for Students and Community Life.

Campus Life includes Residence Life and Programs, Recreation Programs and Union Programming. A search is now under way for an associate dean for Campus Life.

"This is a more focused way to provide the best services to students," says Barbara Smith, director of Residence Life and Programs, now located in 158 Estabrooke Hall.

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## Adopt-a-Building Program Addresses Priority to Preserve Existing Facilities

In his inaugural address in 1997, UMaine President Peter Hoff emphasized the need to sustain and enhance the beauty and functionality of historic buildings on campus.

"I am not as eager to erect new buildings as I am to make existing space fit for the 21st century," he said.

Today, that philosophy is behind one of the University's newest fund-raising initiatives called Traditions, UMaine's Adopt-a-Building program.

"This is a new way of looking at fund-raising opportunities to preserve buildings on campus," says Anita Wihry, executive director of institutional and facilities planning, who has been charged with developing the program.

"Usually requests for maintenance money are not as appealing to donors as suggestions of new construction. In this program, we are seeking donors who have an interest in existing structures on campus because of their history, the programs they house or their role in maintaining UMaine's heritage," she says.

According to Wihry, approximately \$150,000 has been given to the program, and more has been pledged, since it began this summer. Monies are used to address deferred maintenance and renovation to make the buildings more viable for the academic programs they support.

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### MAINE PERSPECTIVE PUBLISHING SCHEDULE

Dec. 13 (copy deadline Nov. 24)



Kindergarten students from Stillwater Montessori and UMaine elementary science methods students were on their third field trip to study animal habitats Nov. 15. This field trip was to Witter Farm, where the youngsters and UMaine students saw cows, horses and sheep, and talked about the way domesticated animals interact with habitat in ways that are different from wild species in woods and wetlands. Pictured here taking a close look at a lamb are, left to right, Rowan Bost, UMaine students Lisa Stailing and Katie Millard, and Marisa Eastman. Standing in the background are, left to right, In the background, from left, are UMaine students Cathy Perkins, Chris Driscoll and Katrina Bence, with Justin Belcher. Joanne Alex, director of the Montessori school, is a master's student in UMaine's science education program. The course in elementary science methods is led by Mary Bird, an instructor in education.

*Photo by Monty Rand*

### BUDGET WORKSHOPS SCHEDULED FOR ADMINISTRATORS

Workshops for vice presidents, deans, directors and department chairs, "Getting Your Voice Heard in the Budget Process," will be offered by Chief Financial Officer Bob Durringer in December. The workshops are designed to provide a clearer understanding of how UMaine's current budget process works.

Workshops will be held 2:10-3 p.m., Wednesday, Dec. 8, 102 Murray Hall, and Friday, Dec. 10, 100 Murray Hall.

Call Sue Goodie, x1541, or contact her on FirstClass to register.

## MAINE Perspective

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# Calendar

DECEMBER 1 – 15

## 1 Wednesday

**Classified Employees Advisory Council (CEAC) Meeting**, 11 a.m.-12:30 p.m., Dec. 1, Bangor Lounge, Union.

**Wreath-Making Workshop**, part of the holiday program at Page Farm and Home Museum, featuring holiday music by Alice Mummé and refreshments, 7-9 p.m., Dec. 1, Page Farm and Home Museum. Workshop fee/registration required by calling x4100.

**"Listen, Learn, Live!"** a talk on HIV and AIDS, part of UMaine's World AIDS Day observance: AIDS - End the Silence, offered by the Center for Students and Community Life, 7 p.m., Dec. 1, Bangor Lounge, Union. x4561.

**Candlelight Vigil**, part of UMaine's World AIDS Day observance: AIDS - End the Silence, offered by the Center for Students and Community Life, 8 p.m., Dec. 1, front of the Union. Reception follows in the Peer Educator Program Office, 12 Cutler Health Center. x4561.

## 2 Thursday

**"Influence of Selection Harvesting on American Marten and Their Primary Prey in Northcentral Maine,"** by Angela Fuller, candidate for master's degree in wildlife ecology, 8:30 a.m., Dec. 2, 204 Nutting Hall.

**"Alice Walker on Nihilism and Freedom,"** by Angela Cotton, Emory University, New England Board of Higher Education Dissertation Fellow at UMaine, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Dec. 2, Bangor Lounge, Union. x3860.

**"Electrical Geophysical Analysis of Spatial and Temporal Variations Within a Salt-Contaminated Fractured Bedrock Aquifer,"** by Gail Lipfert, candidate for master's degree in geological sciences, 1 p.m., Dec. 2, 100 Edward Bryand Global Sciences Center.

**Peer Observation of Teaching**, a Teaching Excellence Workshop, facilitated by James Berg and Virginia Nees-Hatlen, 2-4 p.m., Dec. 2, North Lown Room, Union. Registration required. x3472.

**"The Slave Plato (on Plato's *Meno*),"** by Page duBois, professor of classics, University of California - San Diego, a Department of Philosophy Colloquium, 4 p.m., Dec. 2, Bangor Lounge, Union. x3860.

**Wreath-Making Workshop**, part of the holiday program at Page Farm and Home Museum, featuring holiday music by Alice Mummé and refreshments, 7-9 p.m., Dec. 2, Page Farm and Home Museum. Workshop fee/registration required by calling x4100.

**Film: *Experiencing Our Real Self Through Meditation***, featuring a talk by Sant Rajinder Singh, a spiritual healer from New Delhi, part of the Spirituality Series at the Wilson Center, 67 College Ave., 7:30 p.m., Dec. 2, Wilson Center. 866-4227.

**No Talent Night**, part of Thursday Night in the Bear's Den series, offered by The Union Board, 9 p.m., Dec. 2, Union. x1735.

## 3 Friday

**"Floodplain-River Interactions in the Neotropics,"** by John Jackson, Stroud Water Research Center, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Dec. 3, 102 Murray Hall. x2970.

**Men's and Women's Swimming and Diving: Black Bear Invitational**, 6 p.m., Dec. 3, Wallace Pool, Gym. xBEAR.

## 4 Saturday

**Men's and Women's Swimming and Diving: Black Bear Invitational**, 10 a.m., Dec. 4, Wallace Pool, Gym. xBEAR.

**The Nutcracker**, by the Bangor Symphony Orchestra and Robinson Ballet, with performances at 2 p.m. and 7:30 p.m., Dec. 4, Hutchins Concert Hall. Admission fee. 942-5555.

**Opera Workshop**, featuring works-in-progress for a full opera to be performed in February, directed by Lud Hallman, part of the School of Performing Arts Season, 7:30 p.m., Dec. 4, Minsky Recital Hall. Admission fee. x1755.

## 5 Sunday

**The Nutcracker**, by the Bangor Symphony Orchestra and Robinson Ballet, 3 p.m., Dec. 5, Hutchins Concert Hall. Admission fee. 942-5555.

## 6 Monday

**"Conservation Planning for the St. John: Ideas and Actions of the Nature Conservancy from the Past Year,"** by Joshua Royle, conservation planner, Maine Chapter of the Nature Conservancy, part of the Wildlife Ecology Seminar Series, noon, Dec. 6, 204 Nutting Hall. x2862.

**Hamlet**, performed by the English Suitcase Players, part of the Maine Center for the Arts performance season, 7 p.m., Dec. 6, Hutchins Concert Hall. Admission fee. x1755.

**Men's Basketball: UMaine vs. Troy State**, 7:30 p.m., Dec. 6, Alford Arena. Admission fee. xBEAR.

## 7 Tuesday

**"The Future of New Ventures in Maine,"** by Gordon Baty, managing director, Zero Stage Capital, Cambridge, Mass., part of the Maine Business School Emerging Business Issues for Maine Breakfast Series, 7:30-9 a.m., Dec. 7, Black Bear Inn. Reservations required. x1973.

**"Simulating Protein Dynamics: The Long and the Short of It,"** by John Straub, Boston University, part of the Chemistry Seminar Series, 11 a.m., Dec. 7, 316, Aubert Hall. x1169.

## 8 Wednesday

**CEAC Informational Brown Bag Luncheon**, featuring a presentation by Anita Wihry, offered by the Classified Employees Advisory Council, noon-1 p.m., Dec. 8, Bodwell Area, Maine Center for the Arts.

**"Looking at Battering Through a Multicultural Lens: Exploring Differences in Race, Class and Sexual Identity,"** by Sandra Gardner, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Dec. 8, Bangor Lounge, Union. x1228.

**Faculty Discussion with Visiting Diversity Librarian Professor Peggy McIntosh**, an open discussion on equity and diversity issues, 2-3 p.m., Dec. 8, FFA Room, Union. x2609. A *Maine Time Event*.

**"Theories and Communities, Evidence and Experience: Constructions of Knowledge about Biology and Homosexuality,"** by Sarah Wilcox, a Department of Sociology Colloquium, 3:15-5 p.m., Dec. 8, 204 Fernald Hall. x2380.

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

**Poetry Reading by Constance Hunting and Reception**, offered by the National Poetry Foundation, 4 p.m., Dec. 8, 402 Neville Hall. x3814.

**"Organization of Arousal Systems in Premature Infants: How Sleep and Movement Can be Used to Assess CNS Maturation and Integrity,"** by Marie Hayes, part of the Department of Communication Sciences and Disorders Fall Colloquium series, 5:15-6 p.m., Dec. 8, 100 Neville Hall. x2006.

**Women's Basketball: UMaine vs. Northeastern**, 7:30 p.m., Dec. 8, Alford Arena. Admission fee. xBEAR.

**Winter Concert by the Oratorio Society**, part of the School of Performing Arts Season, 7:30 p.m., Dec. 8, St. John's Church, 207 York St., Bangor. Donations accepted.

## 9 Thursday

**"Agricultural Development and the Building of Vibrant Communities in the Next Millennium": The 9th Annual Policy Forum**, offered by the Maine Rural Development Council, 8 a.m.-3 p.m., Dec. 9, Wells Conference Center.

**Informal New Faculty Gathering: Brown Bag Discussion for New Faculty**, facilitated by James Berg and Polly Karris, noon-1 p.m., Dec. 9, FFA Room, Union. x3472.

**Panel and Discussion on 1999-2000 Class Book: Laura Thatcher Ulrich's *A Midwife's Tale***, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Dec. 9, Bangor Lounge, Union.

**Fall Dance Showcase**, directed by Ann Ross, part of the School of Performing Arts Season, 7:30 p.m., Dec. 9, Minsky Recital Hall. Admission fee. x1755.

**Performance by Lex & Joe's Blueswing**, part of Thursday Night in the Bear's Den series, offered by The Union Board, 9 p.m., Dec. 9, Union. x1735.

## 10 Friday

**"Coping with Holiday Stress,"** by Holly Tracy, LCSW, part of the Employee Assistance Program Brown Bag Lunch and Learn series, noon-1 p.m., Dec. 10, North Lown Room, Union. x4014.

**"Characterization and Biology of the Late Blight Pathogen *Phytophthora infestans*,"** by Carol Groves, New England Plant and Soil Water Lab, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Dec. 10, 102 Murray Hall. x2970.

**Men's and Women's Swimming and Diving: UMaine vs. Colby (Exhibition)**, 6 p.m., Dec. 10, Wallace Pool, Gym. xBEAR.

**UMaine Army ROTC Dining In**, a formal military dinner for the staff and cadets of the UMaine Army ROTC Black Bear Battalion, recognizing the 130th anniversary of military training at UMaine, offered by the 20th Maine Honor Society, 6 p.m., Dec. 10, Bangor Holiday Inn. x1551.

**Men's Ice Hockey: UMaine vs. Boston University**, 7 p.m., Dec. 10, Alford Arena. Admission fee. xBEAR.

## 11 Saturday

**5th Annual Maine Indian Basketmakers Sale and Demonstration**, featuring Maliseet, Micmac, Passamaquoddy and Penobscot Basketmakers selling handmade ash splint and sweet grass basketry, traditional foods, storytelling, music and demonstrations, offered by the Hudson Museum, 10 a.m.-3 p.m., Dec. 11, Hudson Museum. Admission fee for 9 a.m. preview. x1901.

**Women's Ice Hockey: UMaine vs. UNH**, 7 p.m., Dec. 11, Alford Arena. xBEAR.

**Women's Basketball: UMaine vs. Boston University**, 7:30 p.m., Dec. 11, Augusta Civic Center. Admission fee. xBEAR.

## 12 Sunday

**Men's Ice Hockey: UMaine vs. Quinnipiac**, 2 p.m., Dec. 12, Alford Arena. Admission fee. xBEAR.

**Yuletide Concert**, featuring the Collegiate Choral, Athena Consort, Oratorio Society and University Singers, part of the School of Performing Arts Season, 2 p.m., Dec. 12, Hutchins Concert Hall. Admission fee. x1755.

## 13 Monday

**"Population and Habitat Studies of Black Terns in Maine: 1997-99,"** by Fred Servello, part of the Wildlife Ecology Seminar Series, noon, Dec. 13, 204 Nutting Hall. x2862.

**Women of the World Lunch**, featuring holiday potluck, Church of Universal Fellowship, noon, Dec. 13, 82 Main St., Orono. Admission fee. x2905.

**1999 Computational Modeling Institute Seminar**, by Serge Lvin and Jim Fastook, part of the Department of Computer Science Seminar Series, 2:10 p.m., Dec. 13, 316 Aubert Hall. x3941. *A Maine Time Event.*

**Women's Ice Hockey: UMaine vs. Wayne State**, 7 p.m., Dec. 13, Alford Arena. xBEAR.

## 14 Tuesday

**"Ion Dynamics in FT Ion Cyclotron Resonance,"** by Bruce Reinhold, part of the Chemistry Seminar Series, 11 a.m., Dec. 14, 316 Aubert Hall. x1169.

**Women's Ice Hockey: UMaine vs. Wayne State**, 7 p.m., Dec. 14, Alford Arena. xBEAR.

**Coffeehouse with Maggi, Pierce & EJ**, offered by The Union Board, 8 p.m., Dec. 14, Peabody Lounge, Union. x1735.

## 15 Wednesday

**New Faculty Luncheon**, featuring information on advising students, with Doug Johnson and Ann Smith, offered by the Center for Teaching Excellence, noon-1:30 p.m., Dec. 15, Mahogany Room, Wells Conference Center. Registration required. x3472.

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

**"The Y2K Apocalypse - The End of Civilization?"** by George Markowsky, part of the Department of Computer Science Seminar Series, 4:10 p.m., Dec. 15, Soderberg Center, Jenness Hall. x3941.

## Ongoing Events

### Exhibits/Demonstrations/Tours

**Dialogue: The 1999 Department of Art Faculty Exhibition**, a Museum of Art exhibit, through Dec. 18, Carnegie Hall. x3255.

**Monhegan Island**, a Bangor Art Society exhibit, through Jan. 11, Chadbourne Hall. x3306.

**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

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

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

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

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

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

**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.

**Open Office Hour with Interim Provost Don Zillman**, every Thursday, 9 a.m., 201 Alumni Hall.

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

**Women's Self-Defense Workshop**, by Deb Mitchell, every Thursday, 5:30-8:30 p.m., through Dec. 2, Doris Twitchell Allen Community Center. x4036.

### Special Notes

**Farmers' Market**, 10 a.m.-1 p.m. every Saturday through Dec. 18, Page Farm and Home Museum.



# Center Stage

## School of Performing Arts

### An Opera Preview

The University of Maine Opera Workshop, under the direction of Professor Lud Hallman, will present a program of French opera scenes Saturday, Dec. 4, 7:30 p.m., in Minsky Recital Hall.

Hallman, assisted by Instructor Fran Vogt and Associate Professor Nancy Ogle, will direct voice students in scenes from French operas, such as Bizet's *Carmen*, and Massenet's *Phais*.

The Workshop previews a fully staged evening of French opera to be performed in February.

### Winter Concert at St. John's

Bangor's historic St. John's Catholic Church is the site of the Oratorio Society's Winter Concert, Wednesday, Dec. 8, at 7:30 p.m.

The student and community choir, directed by Instructor Kevin Birch, will perform Beethoven's *Mass in C Major* and Vivaldi's *Magnificat*.

An orchestra of student, faculty and community musicians, conducted by Associate Professor of Music Anatole Wieck, will accompany the Oratorio. St. John's 19th-century organ will be among the instruments.

St. John's Church is located at 207 York St., Bangor. There is no admission fee; donations accepted.

### Showcasing Disciplines of Dance

Student dancers and choreographers from the art's many disciplines will present works-in-progress in the Fall Showcase, Thursday, Dec. 9, 7:30 p.m., in Minsky Recital Hall.

As many as 50 dancers will take the stage, directed by Instructor Ann Ross. Energized hip-hop, jazz and culturally influenced pieces to dance theater, provocative collaborations, and more traditional modern and ballet compositions will be featured.

Diverse solo and duo performances, as well as several large productions, are on the program.

### Holiday High Note

UMaine's four leading choirs will take the Hutchins Concert Hall stage to present the annual Yuletide Concert, Sunday, Dec. 12, 2 p.m., in Hutchins Concert Hall.

Collegiate Chorale, Oratorio Society, Athena Consort and University Singers will each perform selections from their fall choral repertoires.

Together, the four choirs also will perform several well-known holiday favorites, sung in the glow of candlelight.

### LET XI SIGMA PI HELP DECK YOUR HALLS

The annual Xi Sigma Pi holiday tree sale begins Friday, Dec. 3, with proceeds to benefit awards and scholarships in the College of Natural Sciences, Forestry, and Agriculture.

Sale hours on the front lawn of Nutting Hall: noon-6 p.m., Dec. 3; 9 a.m.-5 p.m., Dec. 4-5; 2:30-4 p.m., weekdays beginning Dec. 6.

The sale will continue until all trees are sold. Tree sales are on a first-come, first-serve basis, and customers are urged to shop early for best selection.

This year, half the fresh-cut trees will be Fraser fir, the other half, Balsam fir. All are grown in Sangerville. The 6- to 7-foot trees are \$23 and \$25, respectively.

Members of UMaine's chapter of Xi Sigma Pi, the forestry and wildlife scholastic honor society, will be available to answer questions and assist with tree purchases. Last year's sale raised \$1,200.

### Music at the Mall

Faculty and student artists from the School of Performing Arts have been putting a song in the hearts of Bangor Mall patrons during the Sunday Music Series for the past month.

Each Sunday afternoon performance in the J.C. Penney court of the Bangor Mall is designed to give the public a sampling of the musical fare to be offered in an upcoming campus concert.

Last month, the Series debuted with a performance by the Jazz Ensemble, followed the next weekends by music provided by an all-student saxophone quartet, chamber music, and music for violin and piano.

Remaining performances this holiday season:

Dec. 5, 2 p.m., choral music by more than 40 members of the Collegiate Chorale and University Singers.

Dec. 12, 2 p.m., music for piano and cello by Instructors Ginger Yang Hwalek and Noreen Silver.

## Fifth Annual Maine Indian Basketmakers Sale and Demonstration Set for Dec. 11

The Hudson Museum's fifth annual Maine Indian Basketmakers Sale and Demonstration on Saturday, Dec. 11 will again provide an opportunity for Micmac, Maliseet, Penobscot and Passamaquoddy basketmakers to showcase and sell their handmade, one-of-a-kind ash splint and sweet grass baskets, as well as other artistry such as carvings, jewelry and works of birchbark.

In addition, this year's event will include an opportunity for people to bring their Maine Indian antiques for appraisal. Bobby Ann Packwood, American Native arts and antiques appraiser, will examine baskets, rootclubs, birchbark work and beadwork for verbal identification and value. Maine Indian basketmakers and artists will assist with identifications. Cost for each object appraisal is \$3, with a limit of five objects per person.

The Maine Indian Basketmakers Sale and Demonstration is open to the public 10 a.m.-3 p.m.

Admittance to the 9 a.m. preview costs \$5; tickets are available at the door or by calling the Hudson Museum, 581-1901.

Other features of the event include basketmaking demonstrations, music, storytelling and food sale by Indian Island Café. An hour of children's workshop, for ages 8 and up, begins at 11 a.m. Registration and a fee are required.

In conjunction with the Basketmakers Sale and Demonstration, a food drive will be held to benefit the Fiddlehead Food Pantry, which provides food for First Nation people in the Wabanaki regions. Donations of non-perishable food will be collected at the Maine Center for the Arts.

The Sale and Demonstration is supported by the Maine Indian Basketmakers Alliance. ▲

### Campuswide Calendar

University of Maine's Master Calendar is a searchable electronic listing of campus events for the academic year that have been submitted for inclusion. The Web-based Master Calendar is located at <http://calendar.umaine.edu> and on FirstClass in the News Stand folder.

## People in Perspective

Judith Sasso-Mason is the face of the University of Maine for many prospective students, and as coordinator for the Visitors' Center, her welcome never fails to present UMaine as a friendly community.

"If a smiling face greets you, that's what you'll remember," Sasso-Mason says.

Located on the first floor of Chadbourne Hall, the Visitors' Center serves as a front door for the University, a place where students and their parents can stop by to ask a question, pick up a course catalog or just come in out of the cold for a quick cup of coffee and a chat with Sasso-Mason.

"That's what the Visitors' Center is about – it's the students," she says. "I want people to walk away with the impression that the University is a friendly place, that they would most certainly feel welcome here, and also receive a wonderful education, no matter what program they choose."

When she meets with families, Sasso-Mason draws on seven years' experience in academic advising to connect with the students, so she can address their individual worries.

"To put students at ease, I try to get the conversation on them," she says, "I ask them what their interests are, what they like to do. I try not to start talking about applications and all the things they need to get done."

Once students relax and ask their questions, Sasso-Mason is always impressed by their energy. "I really enjoy meeting the students and their parents that first time. I get to understand what youth is about, what they're doing and thinking," she says.

Sasso-Mason reassures families with information about residential living, dining services, student activities and athletic opportunities, and cultural amenities like the library and museums. "Parents are saying, 'Yes the academics are strong, but will my child have friends? Will he or she be involved? Secure and safe? Enjoy life?'"

While publications spark an interest, they can't answer all the questions of prospective students and their parents. A virtual tour is being created so that the UMaine Website can offer a better sense of the campus. Yet nothing compares to the real thing.

"I don't think anyone could get a true picture of the University without visiting it," Sasso-Mason says.

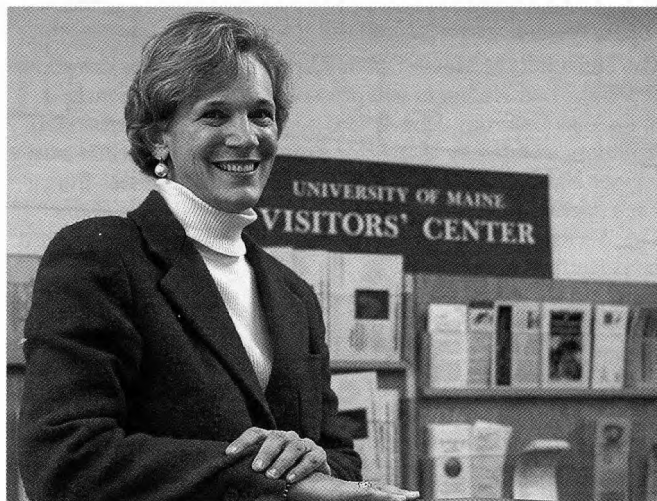
To best reach young applicants, Sasso-Mason hires and trains a staff of about eight student tour guides each semester – young people who can show the campus facilities and give their own perspective to the applicants who wonder about UMaine's living conditions and social scene.

The student guides are of all ages – from the first-semester student to the fifth-year senior. Each is selected for his or her interest and involvement in the campus community.

"I really try to hire people who are very enthusiastic about the University," Sasso-Mason says. "My tour guides are all very accessible and outgoing."

The team of student guides also is a diverse group in terms of their cultural backgrounds, with Maine natives as well as students from as far away as California and Trinidad. Such perspectives let prospective in-state, out-of-state and international students learn how UMaine meets their unique needs.

While tours are geared more toward campus life, students are open to any topic, and share their personal thoughts and experiences. Often, a student guide will even add his or her dorm room to the tour.



Judith Sasso-Mason

Photo by Monty Rand

"With the tour guides that we have, visitors feel the enthusiasm," Sasso-Mason says.

Though she began representing UMaine only two years ago, Sasso-Mason has already developed her own sincere enthusiasm for the school.

"I've been impressed with the alumni I've met and read about, (and impressed by) how fond they are of this institution," she says. "There are so many programs here that are really trying to help the students not only to excel in their academics, but also to enjoy their lives."

When Sasso-Mason applied for her Admissions Office post, the diversity of her responsibilities was a draw. She's responsible for planning and conducting all types of tours: school-age children, prospective students, large open house groups, conferences, even new faculty or applicants who are considering coming to teach at UMaine. She also arranges the catering and reservations for campus venues for many admissions events.

In addition to her responsibilities at the Visitors' Center, Sasso-Mason teaches a photography class to explore the "other side" of her nature. With a bachelor's degree in art and a master's in photography, Sasso-Mason has spent many years teaching her students how to define their world.

"For me, photography is very much making personal statements," she says. Sasso-Mason enjoys being closely involved with her students, listening to them and learning from them – much like she does with her Visitors' Center tour guides and the potential University students she meets.

"Probably my biggest challenge is balancing all the aspects when there's a number of things going on all at once," she says. "Occasionally, I do feel like I'm putting on a different hat."

Lately, Sasso-Mason's duties have become even more far-reaching. While admissions counselors are on the road each fall, traveling New England to recruit potential applicants, her rapport with students and their families has been invaluable for campus interviews. Last year, Sasso-Mason read applications, and this year, she's pleased to be representing UMaine at four high schools.

"It's the beginning, and it's exciting, and I like that," she says. "Endings, like when my students graduate, are so much harder."

**M**arine ecologist Jill Fegley has spent the past three years studying the plants and animals of the intertidal communities along the Maine coast. In particular, her focus has been on rockweed, a species of seaweed in the Gulf of Maine that was considered underutilized just two years ago.

Fegley's research is now at the heart of Maine's first seaweed management plan. In the past year, state marine resource policy makers, industry representatives and scientists have come together in a race to establish regulations to prevent overexploitation and ecological destruction of rockweed by harvesters due to increased demand from Canadian processors. Rockweed is the first of 10 species of seaweed with commercial uses to be regulated in Maine.

"When I started my research in 1995, there was no need for regulations because rockweed was an underutilized species," says Fegley, a fifth-year Ph.D. candidate in ecology and environmental sciences. "But I'm glad to have been here to provide information to help write the policies."

Bringing fieldwork findings to the policy-making table is not a new experience for Fegley. Fegley, who grew up on the New Jersey coast, graduated from Stockton State College with a bachelor's degree in biology and went to work for that state's Environmental Protection Agency in the Coastal Resources Division. Her responsibilities included oversight of enforcement, and tidal and freshwater wetland delineations. After a year, she was named environmental planner in Jersey's Cape May County.

Prior to joining the UMaine community, Fegley was a land use planner with the Penobscot Valley Council of Governments. Her husband, Stephen, is an associate professor of Ocean Studies at Maine Maritime Academy.

Fegley enrolled at UMaine as a master's student in fall 1995. She was accepted into the ecology and environmental science graduate program. It was the research of Professor of Biology Bob Vadas that interested her most.

Within a year, she switched from being a master's to a doctoral student. Her dissertation focuses on the habitat value of intertidal seaweeds and the effect of harvesting rockweed (*Ascophyllum nodosum*) on this community.

In her research, funded by a grant from the Maine/New Hampshire Sea Grant Program, Fegley is studying the ecology of rockweed beds in midcoast Maine, the effects of harvesting, and the recovery rates of seaweed communities after harvest. Hers is the first study of its kind to determine what happens to the associated marine community when rockweed is harvested at different heights.

Fegley has documented almost 60 invertebrate and algal species, all a half-millimeter or larger, that utilize the habitat. Using four rockweed harvest sites along midcoast Maine where the seaweed has been cut at different heights, Fegley has tracked the progress of those species for two years.

Preliminary results of Fegley's research show an overall decrease in biodiversity based on the cutting height of the rockweed. Through time, as plants regenerate, they start to converge. While species diversity regenerates, the question remains whether it ever fully recovers. And what is the overall result if rockweed beds are repeatedly harvested every three years?

"The harvesting of rockweed has an immediate impact on the community," says Fegley. "Three days after harvesting, some red algal crusts normally found in the understory died due to increased light and dessication stress. There is also

*continued on page 15*

## Rockweed Research Critical in the Race to Save the Resource



Jill Fegley

*Photo by Monty Rand*

### Fegley Wins Walter B. Jones Memorial Award for Excellence in Coastal, Marine Graduate Study

Graduate student Jill Fegley, a Maine Sea Grant legislative fellow, is the recipient of the Walter B. Jones Memorial Award for Excellence in Coastal and Marine Graduate Study, a prestigious national award from the National Oceanic and Atmospheric Administration.

She was one of eight chosen to receive the award from 60 student nominees. For research and policy development on Maine's seaweed resource, Fegley was presented the award Oct. 21 in Washington,

D.C., by D. James Baker, undersecretary for oceans and atmosphere.

Fegley has worked with Robert Vadas, professor in biological and marine sciences, on the ecology of rockweed, a common Maine seaweed. With a grant from the Maine/New Hampshire Sea Grant Program, Fegley has studied the ecology of rockweed beds in midcoast Maine, effects of harvesting, and recovery rates of seaweed communities after harvest. *continued on page 15*



# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## A Gulf Stream Collision

Every winter, masses of cold, dry arctic air slide south across the North American continent before encountering a steamy river of warmth from the sub-tropics, the Gulf Stream. The resulting collision, which tends to create some of New England's most dramatic weather, is the subject of research by a University of Maine professor.

Huijie Xue, an assistant professor in the School of Marine Sciences, has received a \$330,000 National Science Foundation grant to continue her studies of the interaction between the Gulf Stream and the atmosphere. The grant is titled "Collaborative Research: Coupled Atmosphere-Ocean Model Study of Wintertime Air-Sea Interaction Off the East Coast of North America."

The project could help to improve weather forecasts, although that is not a direct goal of the research, says Xue.

Xue has published reports of her previous work on this topic in the *Journal of Physical Oceanography*. She began studying these phenomena during her years as a graduate student at Princeton University where she worked with researchers who created the Princeton Ocean Model, one of the world's premier ocean circulation models. Later, as a post-doctoral researcher at the University of North Carolina, she worked with scientists who were applying that model to understand the Gulf Stream.

Scientists have long known that frequent and sometimes violent interactions between arctic air and the Gulf Stream produce storms. Indeed, the world's largest transfer of heat from the ocean to the atmosphere has been measured over the Gulf Stream, Xue says.

"We all know there is a storm track along the northeast coast of the United States. During the winter, when you have polar air coming from Canada – dry and very cold – hitting the ocean, it generates a lot of heat and moisture flux," she says. "The heat and moisture add fuel to the atmosphere cycling system and create very strong cyclonic development. That's why we always see a low develop along the mid-Atlantic coast just south of New England. That's the region where we find what is called an 'explosive development cyclone.'"

"We know the structure of the Gulf Stream pretty well and why it meanders from north to south. In terms of its climatic role, there's still a lot we don't know. We know it carries heat northward, but how much and how it varies with time is poorly understood," she says.

Most other research on interactions between the air and the ocean focus on huge areas such as the Pacific basin where periodic El Niño events are associated with significant shifts in weather patterns around the globe. Xue and her colleagues are the first scientists to apply air-sea modeling efforts to a mesoscale geographic area, a term which refers to areas ranging from a few to hundreds of square miles. For their purposes, they are using a mathematical model developed at the University of Oklahoma to study tornadoes.

Among the major hurdles Xue and her colleague face is a lack of direct weather observations over the open ocean. Two major scientific projects in the last decade have generated data on air and sea temperatures, humidity, wind speeds, cloud cover and other details, but modelers have an insatiable appetite for such information. To calibrate and improve their calculations, Xue and other scientists need a steady stream of reliable weather data over the Gulf Stream.

"When we have funding, we make extensive use of aircraft," says Xue. "There are a lot of sensors on board, and we also use cameras to take pictures of the sea state and the clouds."

During research cruises, scientists occasionally see water rising like chimneys into the clouds. "What you see are chimneys of steam rising up into the air. Most of the time, the boundary between the air and water is clear cut, but during those events, the water is exchanging rapidly. It's very strange. The chimneys go from the ocean surface to the bottom of the cloud, and you see a lot of them," she says.

In addition to her research, Xue teaches courses at UMaine on the use of mathematical models to understand the circulation of currents in the ocean. She is also conducting research on the circulation of water in Penobscot Bay and in the South China Sea with Chinese and other UMaine scientists.

Next fall, Xue is planning an international meeting, the Sigma Coordinate Ocean Model Users Meeting, in Bar Harbor to discuss improvements to the state-of-the-art in ocean circulation modeling.

More information about Xue's research is available via the Internet: <http://athena.umeoce.maine.edu/GALE/GALE.htm>

## The Chemistry and Engineering of White Paper

Scientists and engineers in chemistry and chemical engineering at the University of Maine are tackling two major areas in pulp and paper technology with an eye on increasing efficiency and improving environmental performance.

With support from a series of wood science grants from the U.S. Department of Agriculture, chemists and chemical engineers are working to understand and modify the reactions that produce bright white paper from tree pulp.

Their efforts focus on two areas: high-yield pulps and bleaching processes. High-yield pulps take advantage of most of a tree's fiber content and are typically used to make newsprint and other low-grade papers. Such papers tend to turn yellow and brittle when exposed to light and heat.

In contrast, pulps used to make high-grade papers use less than half of a tree's fiber, producing more residual materials.

Bleaching processes most often use chlorine or chlorine dioxide, but the technology also produces small amounts of dioxin as a by-product. Oxygen and related compounds can be used to whiten pulp without forming dioxin, but the chemical reactions are not well understood.

Researchers involved in these projects include graduate students and faculty members. Among the principal scientists involved are Barbara Cole and Ray Fort in chemistry and Joe Genco and Adriaan van Heiningen in chemical engineering. Their experiments range from examinations of fundamental chemical reactions to tests of new process techniques.

The wood chemistry program at UMaine is the only such program in a chemistry department in the country. More information is available on the Internet: <http://oldblue.umeche.maine.edu/cole.html>

### SNOW LINE AVAILABLE

Information about the University's class schedule during inclement weather is available by calling 581-SNOW or 1-800-SNOW. The recorded message will provide general information about postponements or cancellations due to a storm.

## Student Affairs *continued from page 2*

"Now as a more integrated part of the structure and organization that supports the Center, including the many experts in areas of student and community development, we can focus on students both as members of their residential community and as members of the larger University community.

"We will extend our focus, merging our expertise and energy," Smith says. "Hopefully, students in the residence halls will feel even more connected to the whole community and feel they are getting services from the entire campus."

On the Residence Life side, the goal is to attain synergy between people involved in community-building, says Jon Lewis, executive director of the newly created Student Auxiliary Services. On the Housing and Dining Services side are auxiliaries that provide distinct services to the University community.

Housing Services and Dining Services are now in the Student Auxiliary Services division. The two units have a commercial, contractual relationship with students, with a goal of offering the best service for the lowest cost.

Andy Matthews directs Housing Services. A new director of Dining Services is expected to be named within the month. Both units are headquartered at Hilltop Commons.

Student Auxiliary Services also oversees Catering Services, Memorial Union Restaurants and the MaineCard Office.

"For years, our goal has been to provide the highest level of customer service at the lowest possible price, and to maximize revenues so that we can re-invest resources back into buildings to address upgrades, deferred maintenance, ADA requirements, and to provide the living and dining standards students are looking for," Lewis says.

"Students today are seeking more variety in service delivery and food options. Straight cafeteria-style service is going by the wayside. Students are looking for fast food to go, and food delivery to their rooms.

"In housing, students want more modern-looking facilities. They also want single-room housing."

New residence halls are planned in the next several years and renovations on existing facilities continue. This summer, the 100 double-rooms of Estabrooke Hall will be made into single living quarters. Oak Hall, a former dormitory now used for storage, is being reassessed for possible restoration for student housing.

Similarly, Student Auxiliary Services is funding half of the estimated \$500,000 in costs to renovate Wells Conference Center. ▲

### **Come One, Come All. It's the Party of the Century.**

*The Center for Students and Community Life Invites You to the*

## *Au Revoir Celebration*

4-7 p.m., Friday, December 17, Memorial Union

*Bid adieu to fall semester 1999, this century and the Memorial Union as we know it. Help us welcome in spring semester 2000, the new century and the anticipated renovation of the Memorial Union.*

### **Featuring:**

The Pat Michaud Big Band in the Union foyer  
(eight of the 12 members are UMaine alumni)

Swing dance instruction by Chuck McKay

Hors d'oeuvres, dessert, dancing and entertainment by student groups throughout the Union

**UMaine faculty, students, staff, alumni, retirees and parents are invited to come together for a celebration of community.**

## V O L U M E S

### **Recent Works by University of Maine Authors**

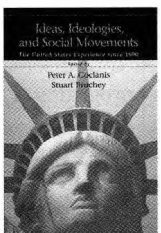


***Natural Things:*  
*Collected Poems 1969-1998*  
By Constance Hunting  
(University of Maine Press 1999)**

In 1958, at the beginning of Constance Hunting's career as a poet, William Carlos Williams said of her "After the Stravinsky Concert": "Something clicked for me and when that happens I hope I have sense enough to recognize it as a rare occurrence." In the four decades since, Hunting has offered us a series of such rare moments.

Like Marianne Moore and Elizabeth Bishop, Hunting, professor of English, has devoted her life to shaping a meticulously crafted *oeuvre*. Her work ranges from imagist lyrics to a verse of novella. In the extended meditative poems of her recent years, Hunting has created a mode – witty, playful, but probingly reflective – that is distinctively her own.

This volume collects all of Hunting's works to date, supplementing her *Collected Poems* of 1983 with poems from three later collections – *Between the Worlds* (1989), *The Myth of Horizon* (1991) and *The Shape of Memory* (1998).



***Ideas, Ideologies and Social Movements:*  
*The United States Experience Since 1800*  
Edited by Peter Coclanis and  
Stuart Bruchey  
(University of South Carolina Press 1999)**

*Ideas, Ideologies and Social Movements* examines the influence Americans exerted to bring about change in the nation. The volume investigates the role of ideas and ideologies in some of the most important social movements in U.S. history.

Fifteen leading historians and sociologists investigate attempts to bring about or to prevent social or institutional change – from political democratization, evangelism, feminism, and abolitionism to the support of animal rights, rights for the elderly, children's rights, and civil rights. Among the contributors is Ruth Nadelhaft, UMaine professor emerita of English and emerita honors director, who wrote on "Ideas Behind the Women's Movement."

The contributors contend that capitalism has animated virtually all significant American social movements. They provide in-depth accounts of individual movements, and shed new light on their similarities and differences.

Editors Peter Coclanis and Stuart Bruchey note that capitalism provided the economic and ideological support necessary for various movements, some of which, ironically, arose in opposition to the capitalist system.

Coclanis is chair of the History Department at the University of North Carolina. Bruchey is the Allen Nevins Professor Emeritus of American Economic History at Columbia University and former UMaine Librarian Professor of History.

### **Cultural Affairs Committee Deadline for Proposals**

The deadline to submit proposals to the Cultural Affairs/Distinguished Lecture Series Committee is Monday, Dec. 13. Guidelines and applications are available by contacting Wanda Legere, President's Office, x1516.

## Reaccreditation *continued from page 1*

be in spring 2009. UMaine will submit a standard five-year interim report for consideration by (NEASC) in spring 2004.

"This was a very successful review," Gelinas says. "The whole purpose of accreditation is to look at the University and suggest areas where we could be doing better. As a result, we naturally expect recommendations to be made. It turns out that those recommendations by NEASC were areas we had already identified as needing work.

"What we learned is that our own understanding of the University meshes well with what people from the outside see when they look at UMaine," Gelinas says. "We know our problem areas and have plans in place to address them."

The Commission has asked the University to emphasize in the next interim report the progress made in:

- ▼ institutionalizing and enhancing the planning process, including moving to longer-range planning and integrating academic and financial planning.
- ▼ implementing measures to assess student learning outcomes in both general education and the undergraduate major, and using the resulting findings for improvement of academic programs.
- ▼ diversifying the University's faculty, staff and students.
- ▼ strengthening the University's financial position through increased fund-raising and grant-seeking activities, as well as growth in enrollments, particularly transfer students.

The Commission commended the University for progress that it has made in recent years in the form of a mission statement, an action plan known as BearWorks, the University-wide general education curriculum, and "a striking number" of new interdisciplinary programs, as well as growth in long-standing programs of excellence like the Honors Program.

Other highlights in the Commission response to the Self-Study:

- ▼ The Commission endorsed the BearWorks process as "an adequate and timely vehicle for institutional planning." Based on its campus visit, the evaluation team noted a sense of "renewed energy (and) the excitement of re-invention."
- ▼ The visiting team underscored the progress made through BearWorks in addressing several immediate needs and opportunities. Similarly, it emphasized that BearWorks be used as the foundation for long-range institutional planning, a process already under way with implementation of BearWorks 2.0, issued in September 1998.
- ▼ The Commission report cited "dedicated and motivated faculty . . . committed to the land-grant mission and to the principle of scholarship in teaching, research and service." Also highlighted was the ingenuity of faculty members who augment University resources with externally funded classroom technologies and research opportunities that benefit undergraduate and graduate students.
- ▼ Also benefitting students was the institutional response to the recommendations of the 1998 Report of the Blue Ribbon Panel on the Student Experience. According to the visiting team, the process and attitude the University exhibited in carrying through on the Blue Ribbon Report could be a model for the rest of the institution.
- ▼ With the help of the Diversity Action Plan and Affirmative Action Plan, both published this year, the University is making significant efforts to increase diversity, according to the report.
- ▼ The evaluation team's report went on to acknowledge the work of Maine's political leaders who, in the most recent legislative session, endorsed in words and actions that the University "can and should be an engine for economic development."
- ▼ UMaine's commitment of accountability to its many constituencies, both on and off campus, was highlighted by the

review team in its statement that "beyond the legal requirements, the University of Maine advocates and exhibits to its campus constituencies and in its interactions with those outside the institution a high degree of institutional integrity." The overall assessment of the University's integrity paralleled the fundamental nature, purpose, values and responsibility of all institutions of higher learning.

The accreditation report will now be part of UMaine President Peter Hoff's long-range planning process for the institution. Like the input from campus discussion groups this fall addressing how the University can shape itself to meet the challenges of the future, the findings of the accreditation process will guide the next version of the BearWorks action plan. ▲

## Adopt-a-Building *continued from page 2*

To be a candidate for the Adopt-a-Building program, a facility must be architecturally unique, house a distinctive program, and have a history that is integral to the institution's past.

"We are citing those buildings that are the gems of the campus," says Wihry. "Most often, they are relatively small and improvements manageable.

After looking at a variety of facilities needs, the buildings chosen to start the program included four landmarks:

- ▼ Colvin Hall, constructed in 1930 as a dormitory, is being converted into the new home of the Thomson Honors Center and a residential living-learning facility for honors students.
- ▼ Cyrus Pavilion Theatre, constructed in 1908 as a Stock Judging Pavilion, is on the National Register of Historic Places.
- ▼ Fogler Library's limestone steps and terrace face the Mall, and are considered part of the symbolic heart of campus.
- ▼ The President's House, an example of historic architecture, is the site of more than 200 University events annually, with an average of 300 visitors each month. It has undergone renovations to improve accessibility and catering facilities.

As funding helps complete current Adopt-a-Building projects, others will be added to the list. Currently, facilities on the Adopt-a-Building waiting list include the headhouse of Clapp Greenhouses, Colburn Hall, Holmes Hall and Nutting Hall.

The Adopt-a-Building program has become a major focus of reunion giving, providing alumni classes with an opportunity to help preserve buildings for which they have fond memories. Following a tour of the campus last spring, led by UMaine First Lady Dianne Hoff and Wihry, the Classes of 1945 and 1955 adopted Colvin Hall as part of their reunion giving programs, pledging \$50,000 and \$25,000, respectively.

Faculty and staff who would like to help preserve the University's architectural treasures through the Adopt-a-Building program should contact Gary Porto, director of major gifts, 581-1154, in the Office of University Development. ▲

### OPEN FACULTY DISCUSSION WITH PEGGY MCINTOSH

Faculty are invited to meet with UMaine Visiting Diversity Librarian Professor Peggy McIntosh during an open discussion on equity and diversity issues, 2-3 p.m., Wednesday, Dec. 8, 1999, FFA Room, Union. McIntosh is the associate director of the Wellesley College Center for Research on Women and the co-director of the National S.E.E.D. Project on Inclusive Curriculum (Seeking Educational Equity and Diversity). In 1988 she published the ground-breaking article "White Privilege and Male Privilege," which has been instrumental in putting the dimension of privilege into discussions of gender, race, and sexuality in the U.S. McIntosh is sponsored this semester by the Peace Studies Program, Division of Lifelong Learning, *A Maine Time Event*.

**Stephen Whittington**, director of the Hudson Museum: "Caries and Antemortem Tooth Loss at Copán: Implications for Commoner Diet," in C.D. White (ed.) *Reconstructing Ancient Maya Diet*, pp. 151-67, Salt Lake City: The University of Utah Press (1999).

**Max Egenhofer**, director of the National Center for Geographic Information and

Analysis, College of Engineering's Libra Professor, professor in spatial information science and engineering, and cooperating professor in computer science; Janice Glasgow, professor in computer science, Queen's University; Oliver Günther, professor in computer science, Pôle Universitaire, Paris; **John Herring**, architect for spatial systems, Oracle Corp., and adjunct professor in UMaine Department of Spatial Information Science and Engineering; and Donna Peuquet, professor in geography, Pennsylvania State University: "Progress in Computational Methods for Representing Geographic Concepts," *International Journal of Geographical Information Science*, 13(8):775-96 (1999).

**Henry Munson**, professor and chair, Department of Anthropology: "Sobre la irrelevancia de la segmentariedad por linaje en el Rif (Marruecos)," *La Sociedad bereber del Rif marroquí*, edited by David Hart and Rachid Ahmed, Granada: Universidad de Granada.

Former graduate students **Kathleen Bowes** and **Jon Le**, Biological Sciences, and **John Moring**, professor of zoology: "Fishes and Other Aquatic Resources of Acadia National Park: A Synopsis of Published and Unpublished Information," National Park Service, Technical Report NPS/BSO-RNR/NRTR/OO-6, pp. 120 (June 1999).

**Richard Blanke**, professor of history: "When Germans and Poles Lived Together: From the History of German-Polish Relations," *Germany and Eastern Europe. Cultural Identities and Cultural Differences*, ed. K. Bullivant, et al., Yearbook of European Studies, 13:37-55 (Amsterdam, 1999).

**Dr. Mark Jackson**, director of student health services: "No Second Chances: Bloodborne Pathogens Compliance," *Every Second Counts: The Emergency Response Magazine*, the National Safety Council Journal (Fall 1999).

**Peter Tarasewich**, assistant professor of management information systems: "Designing for Quality," *Industrial Management*, 41(4):18-23 (July 1999).

**Pete Doucette**, graduate research assistant, Department of Spatial Information Science & Engineering; **Peggy Agouris**, assistant professor, Department of Spatial Information Science and Engineering; **Mohamad Musavi**, professor, Department of Electrical and Computer Engineering; and **Anthony Stefanidis**, research assistant professor, National Center for Geographic Information and Analysis: "Automated Extraction of Linear Features from Aerial Imagery Using Kohonen Learning and GIS Data," *Lectures Notes in Computer Science*, 1737:20-33, Springer Verlag.

**MaJo Keleshian**, on professional leave from the Sea Grant College Program, has shown her paintings this year in one-person shows in Maine at the Leighton Gallery, Clark House Gallery, and Maine Art Gallery. Groups shows included McGrath-Dunham Gallery, Lupine Gallery, and Davidson & Daughters (ME), as well as Beaux Arts Gallery (CT). Currently she is showing at the Farnsworth Museum, Rockland, (to Feb. 27, '00) as part of *Carina House: The First Decade*. A commission for CancerCare of Maine at EMMC was completed in June '99.

## AWARD-WINNING "UNDERSEA LANDSCAPES"

The four-color poster, "Undersea Landscapes of the Gulf of Maine," produced by the Maine State Planning Office in collaboration with other marine agencies and institutions, including the UMaine School of Marine Sciences and Maine/New Hampshire Sea Grant Program, has received a 1999 Golden Arrow Merit Award for Internal/External Communications from the Maine Public Relations Council.

Those named on the award are Paul Dest of the Maine Coastal Program, State Planning Office; Bob Steneck, UMaine professor of oceanography; and Joe Kelley, UMaine professor of marine geology.

Concept and text, as well as some color photos, for the large-format poster are by Steneck and Kelley.

The poster features a relief map of the Gulf of Maine landscape, photos of marine life, and description of Gulf coastal habitats, banks, ledges, currents, basins and tidal action.

Send notices of upcoming campus events and any spring schedules of activities to *Maine Perspective* for inclusion in the UMaine Master Calendar.

## Book Ends

### New & Noteworthy at the University Bookstore

**Personal Injuries**, by **Scott Turow**, Farrar Strauss Giroux (1999). Robbie Feaver is a successful personal injury lawyer with a burgeoning practice, a way with the ladies, and a beautiful wife dying from an irreversible illness. He also has secret bank account where he occasionally deposits funds that make their way into the pockets of the judges who decide his cases. When this account is discovered by the FBI, Robbie agrees, in exchange for leniency, to "wear a wire" while continuing to try to fix decisions. Evon, the FBI agent assigned to Feaver, is a lonely woman, impervious to Robbie's charms, and with secrets of her own. As the FBI begins to tighten its case, Robbie's and Evon's thrilling stories converge and a powerful drama unfolds as two people struggle against all odds to escape their characters.

**What the Body Remembers**, by **Shauna Singh Baldwin**, Doubleday (1999). This novel, rich in Sikh culture, tells the story of Roop, a young girl whose mother died in childbirth and whose father is deep in debt. When she learns she is to become the second wife of Sardarji, a wealthy Sikh landowner whose first wife, Satya, has failed to bear him any children, Roop is elated. She soon learns that her relationship with Satya is complicated. Satya's story is also told here, as she comes to realize that she must adopt ever more desperate measures to maintain her place in society and in her husband's heart. And it is also Sardarji's story, as the India he knows and understands begins to change beneath his feet. Deeply imbued with the languages, customs and layered history of colonial India, *What the Body Remembers* tells the story of the violent and still controversial Partition between India and Pakistan, for the first time from the Sikh women's point of view. Shauna Singh Baldwin's debut novel is at once poetic, political, feminist and sensual.

**The Ice Finders: How a Poet, a Professor, and a Politician Discovered the Ice Age**, by **Edmund Blair Bolles**, Counterpoint (1999). *The Ice Finders* tells the story of three very different investigators who forever altered our view of the history of life on earth. In the middle of the 19th century, three men discovered and named the Ice Ages. The heroes of the tale are an explorer-poet, Elisha Kent Kane, who spent two years trapped on Greenland's north coast; the renowned Swiss professor-author-lecturer Louis Agassiz; and the Scottish geologist Charles Lyell. Their story is a wonderful saga of the way scientific investigation and discovery come about, demonstrating that scientists are as susceptible as any artist to irrational driving passions and private obsessions.

▼ Also new and notable: Twentieth Anniversary Edition of Howard Zinn's *A People's History of the United States 1492- Present* and Umberto Eco's new book of essays, *Kant and the Platypus: Essays on Language and Cognition*.

▼ Extended Holiday Hours: Nov. 29-Dec 23, Monday-Thursday, 8 a.m.-6 p.m.

▼ Nov. 29-Dec. 23, take 25 percent off on general books, clothing and UMaine gifts (excluding special orders, textbooks, and academic supplies).

▼ Santa will be at the Bookstore Saturday, Dec. 11, 10 a.m.-2 p.m. This is a charitable event, sponsored by Phi Kappa Alpha fraternity. Pictures with Santa will be available.

### ANNUAL BOOK DRIVE UNDER WAY

Children's books for needy area youngsters, toddlers to teens, are again being collected by the College of Education and Human Development. The public is invited to join in this annual tradition by donating new books or used books in very good condition.

The books will be distributed by the Orono-Old Town Kiwanis Club at the service organization's annual holiday party for area children, scheduled this year for Dec. 11.

Books, gift wrapped if possible and marked for a particular age level, may be brought to the office of College Dean Robert Cobb, 151 Shibbes Hall, through noon, Friday, Dec. 10.

The annual book collection, in cooperation with the Kiwanis Club, has made thousands of books available to deserving area children for the past 20 years.

Dean **Robert Cobb**, Associate Professor **Walter Abbott** and several College of Education and Human Development alumni were honored earlier this month for their leadership, commitment and work by the Maine Association for Health, Physical Education, Recreation and Dance. Awards were presented at the state organization's annual conference in

Rockport. Cobb received the Lay Person Honor Award, and Abbott received the Highest Praise Award. Also recognized were College alumni: Kathy Earle (Falmouth), Teacher of the Year in Elementary Physical Education; Connie Wood (Saco/Pease Valley), Teacher of the Year in Elementary-Middle Physical Education; and Gary Spinney (Camden) and Lynn Haynes (Lincoln), Worthy of Praise awards.

**Max Egenhofer**, director of the National Center for Geographic Information and Analysis (NCGIA), College of Engineering's Libra Professor, professor in spatial information science and engineering, and cooperating professor in computer science, and **Frederico Fonseca**, graduate research assistant with NCGIA and graduate student in spatial information science and engineering, attended ACM GIS '99, the 7th International Symposium on Advances in Geographic Information Systems held in Kansas City, Nov. 5-6. Egenhofer presented the paper "Progressive Vector Transmission," co-authored by **Michela Bertolotto**, visiting post-doctoral research associate with NCGIA, and Fonseca presented "Ontology-Driven Geographic Information Systems," co-authored with Egenhofer.

**Deirdre Mageean**, interim director, Margaret Chase Smith Center for Public Policy, and associate professor, Department of Resource Economics and Policy; **R.J. O'Connor**, professor of wildlife ecology; and John Bartlett, USDA Forest Service, presented a paper, "Residential Expansion as a Threat to Desert Ecosystems," at the 30th Annual Meeting of the Southern Demographic Association, San Antonio, Oct. 28-30. In addition, Mageean gave an invited talk, "Maine's Demographic Outlook," at the fall conference of the Maine Association of Family and Consumer Sciences, Nov. 6.

**Amos Orcutt**, president/CEO of the University of Maine Foundation, has been appointed regional vice president for Alpha Gamma Rho, the national agricultural fraternity. Orcutt is the treasurer for the Alumni Board of UMaine's Psi Chapter. As RVP, he will be responsible for chapters at the Universities of Maine, New Hampshire, Vermont and Connecticut, as well as Cornell University and Pennsylvania State University.

In October, **Jennifer Pixley**, English, attended the Annual Conference of the Council for Programs in Technical and Scientific Communication in Santa Fe, and gave a paper, "Context and Evidence: The Strengths of Problem-Based Service Learning."

**Max Egenhofer**, director of the National Center for Geographic Information and Analysis, College of Engineering's Libra Professor, professor in spatial information science and engineering, and cooperating professor in computer science, was the keynote speaker at Geo-Info 1999 in Campinas, Brazil, Oct. 20-21. He also gave invited talks at Centro de Pesquisa e Desenvolvimento em Telecomunicações in Campinas and Instituto Nacional de Pesquisas Espaciais in São José dos Campos. The visit was part of a new three-year collaborative research project for U.S. and Brazilian computer scientists, funded by the National Science Foundation and the Conselho Nacional de Desenvolvimento Científico e Tecnológico.

**Mary Ellen Camire**, associate professor of food science and human nutrition, made two presentations at the annual meeting of the American Association of Cereal Chemists in Seattle, Nov. 1-3: "Consumer Education About Functional Foods," an invited presentation in the Functional Foods Symposium, and "Natural Polyphenolic Antioxidant Alternatives for Extruded Oat Cereals" a poster co-authored by M.S. student **Kenneth Viscidi**, scientific technician **Michael Dougherty**, and Jack Briggs of the U.S. Army Natick Soldier Center.

**Stephen Whittington**, director of the Hudson Museum, and **Ronald Harvey**, visiting research associate of the Hudson Museum, attended "Human Remains: Conservation, Retrieval and Analysis," a conference organized by the Colonial Williamsburg Foundation in Williamsburg, Vir. Whittington presented "Analysis of Curated Human Skeletal Remains from Highland Guatemala" and Harvey presented "The Conservation of Ta-Senet-Net-Hor, a XXII-Dynasty Egyptian Mummy."

**Chris Mares** and **Carlos Islam** gave a joint presentation, "10 Good Writing Activities," at the NNETESOL Fall Conference at New Hampshire College, Manchester, Nov. 13. Mares is a lecturer in ESL and associate director/program development specialist; Islam is a lecturer in ESL and program development specialist, both at the Intensive English Institute.

Professor of Music **Dennis Cox** was guest conductor of the 1,000-voice South Dakota All-State Choir, and Henry Charles Smith, former principal trombonist of the Philadelphia Orchestra, was the guest conductor of the 150-piece South Dakota All-State Orchestra. The event was Nov. 12-13, Rushmore Plaza Convention Center, Rapid City.

**Naomi Jacobs**, professor of English, presented a plenary paper, "The Academic Conference as Orwellian Dystopia," at the 24th annual conference of the Society for Utopian Studies, San Antonio, Nov. 11-14. Jacobs is president of the Society and serves on the editorial board of the journal *Utopian Studies*. Contact Jacobs for information on the Society or its next meeting, which will be in Vancouver, Oct. 19-22, 2000.

UMaine Director of Athletics Suzanne Tyler, right, is one of 10 people inducted into the National Lacrosse Hall of Fame in a ceremony Oct. 29 in Baltimore. She was the lacrosse coach at the University of Maryland,



where her team won the NCAA championship in 1986; she was national Coach of the Year in both 1984 and 1986. Tyler is the only Division I coach who has won national championships in two sports, having guided the Terrapin field hockey team to that title in 1987. Presenting the award at the induction dinner was Tyler's husband, Dennis Casey, left, UMaine bursar.

Photo by John Strohsacker

## AROOSTOOK COUNTY NUTRITION AIDE

### RECEIVES TOP NATIONAL COOPERATIVE EXTENSION AWARD

Christine Finemore of Bridgewater has won a national award from the National Extension Association of Family and Consumer Sciences for her nutrition work with Aroostook County residents and migrant farm families.

Only one national award, the Paraprofessional of the Year Award, is made to an Extension paraprofessional staff member annually.

Since 1992, Finemore has taught basic nutrition such as different types of foods, where food comes from, what food does for our bodies and how to eat well-balanced meals. As a result, families gain knowledge of food safety, nutrition labels, making healthy food choices and stretching their food dollars.

She works with adults and children in private homes, daycare centers, schools and the East Coast Migrant Head Start Program in Caribou. She is the only Aroostook County nutrition aide working with migrant workers and their families, many of them from Mexico.

"It's a population with which I feel I can make a big difference," she says. "Without this programming, I'm not sure they get nutrition education. It's gotten so, as summer approaches, I can't wait to see the children again."

She also writes a bilingual nutrition newsletter and offers workshops in Spanish with the help of an interpreter.

Finemore's efforts reached a milestone when a group of children, many of whom she had taught as infants, requested that she teach them more about cooking so that they could apply their new nutrition information.

"Last summer was the best in the program because we saw a huge difference in the school-age children's knowledge of nutrition," she says. "They wanted to share their own foods with me, so we made foods from their culture and talked about the nutritional qualities. I learned so much. It is a clear indication that (the programming) is working."



**Jonathan Alexander**, graduate student of Professor **Stephen Shaler** at the Advanced Engineered Wood Composites Center, presented "MDF From Novel Fiber Types" at the 3rd European Panel Products Symposium. The paper addressed the issue of using recycled fiber in wood based panels, such as medium density fiberboard.

**Harold Daniel**, assistant professor of marketing, presented "Building Profits at Castlerock," a case study of veterinary clinic operations written by **Chip Griffin**, a recent MBA graduate, Daniel and **Peter Tarasewich**, assistant professor of management information systems. The case, presented at the North American Case Research Association's Annual Conference, Oct. 30, Santa Rosa, Calif., was the result of student research conducted in Daniel's Marketing Research class and in Tarasewich's MIS class.

**Marcella Sorg**, research associate at the Margaret Chase Smith Center, and faculty associate in nursing and anthropology, gave two presentations at the annual Northeast Forensic Anthropology Association meeting at the Smithsonian Institution's National Museum of Natural History, Washington D.C., Oct. 22-24. "Marine Forensic Taphonomy" was co-authored by **John Dearborn**, professor emeritus of the School of Marine Sciences, and University of Maine anthropology alumnus **Boyd**

**Brown III**, now at Ohio State. "Large Carnivore Modification Case Study" was co-authored by **Juliet Fernandez**, also a University of Maine anthropology alumna.

**Eboni McCrum** and **Jessica Parks**, MBA students, presented "Evaluation of Academic Product Lines for Institutions of Higher Education" at the American Marketing Association's Tenth Annual Symposium for the Marketing of Higher Education, Nov. 8, New Orleans. The paper was the result of research conducted for Eastern Maine Technical College in the graduate Marketing Research class of **Harold Daniel**, assistant professor of marketing. The research, designed to help EMTC select course offerings for its continuing education division that are best aligned with the needs of its market, is also appropriate for application to other institutions' continuing education programs.

CED professional staff attended the University Continuing Education Association's annual regional meeting in Stowe, Vt., Oct. 27-29. Assistant Director **Barbara Howard**; Assistant Professor of Family Studies **Renate Klein**; and CED Grad Assistant **Linda Vail**, presented a paper, "Friend or Foe? The Influence of Friends and Family on the College Experience of the Nontraditional Female Student." Presenting a Plenary Session, "Bearworks: University of Maine's

Blueprint for the Future and Continuing Education's Role to Revitalize its Outreach and Engagement Mission" were Dean **Bob White**, Director of Distance Education **Jim Toner**, Howard, Multimedia Technology Specialist **Justin Hafford**, Coordinator of Program Support Services **Ethel Hill**, Staff Associates **Mabel Carmichael**, **Man-Ching Lee**, and **Son Thai**, and Maine Studies Coordinator **Carol Toner**. In another General Session, White instituted a new format of professional development, modeled after AUSS (co-chaired with UVM colleague Mark

Fitzsimmons), utilizing questions solicited from conference attendees prior to the meeting. White, a UCEA commissioner, also facilitated a discussion of the Commission on Leadership and Management. Hill was a member of the Conference Program Committee. White and J. Toner also participated in a Deans and Directors' Session with John Byrne, executive director of the Kellogg Commission, on the Role of the Public University in a Learning Society.

## Emeriti Activities

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

**David C. Smith** of Bangor is Bird and Bird Professor Emeritus of History, professor of agricultural history with the Maine Agricultural and Forest Experiment Station, and professor of Quaternary studies. Smith, who joined the faculty in 1965, continues to focus his research on history, modern literature, particularly the Edwardian period, and the historic uses of science, such as historic climatology. Since he retired in 1994, he has published a four-volume collection, *The Letters of H.G. Wells*, and a book with UMaine alumna Judy Litoff, *American Women in a World at War: Contemporary Accounts from World War II*. Their newest book in press is *The Horrors of War and the Errors of Peace*, focusing on the cross-race and cross-gender efforts by American women to be part of the peace process during World War II. Smith and Hal Borns, professor of geological sciences and Quaternary studies, have written an article, "Louis Agassiz and Maine." Smith also is updating his annotated bibliography of the Experiment Station, as well as finishing an annotated bibliography of H.G. Wells. When Smith's fifth volume of Wells letters is published, every significant letter Wells wrote during his lifetime – around 3,700 – will be in print. Smith serves on the board of editors of *Science Fiction Studies*. He is international vice president of the H.G. Wells Society. He will present a talk in November 2000 celebrating the 50th anniversary of the Wells Society.

## Directory Changes

**Susan McLaughlin**, Administrative Assistant, Center for Teaching Excellence, 212 Crossland Alumni Center, 581-3472.

**Gretchen Gfeller**, Fogler Library, 581-1696.

**Barbara Smith**, Director of Residence Life and Programs, 158 Estabrooke Hall, 581-4801.

**Jeffrey Powell**, Residence Life Coordinator, 158 Estabrooke Hall, 581-4819 or 581-4798.

**Beverly Uhlenhake**, Residence Life Coordinator, 158 Estabrooke Hall, 581-4818 or 581-4798.

**Doreen Thibodeau**, Administrative Assistant I, 158 Estabrooke Hall, 581-4801.

### CEAC BROWN BAG LUNCHEON DEC. 8

The Classified Employees Advisory Council (CEAC) will offer the second in its series of informational Brown Bag luncheons Wednesday, Dec. 8, noon-1 p.m., Bodwell Lounge, Maine Center for the Arts. The speaker will be Anita Wihry, executive director of Institutional and Facilities Planning. She will talk about the changes on campus related to Facilities Management, as well as issues concerning parking and the plan for a pedestrian campus.

CEAC extends an invitation to all members of the campus community to attend the luncheon. Bring your lunch. CEAC will provide beverages and desserts.

For more information, contact Gail Dyer-Martin (gail.dyer-martin@umit.maine.edu), Mary Fernandez (mary.fernandez@umit.maine.edu), or Patti Tewhey (patti.tewhey@umit.maine.edu).

### NSF GRADUATE TEACHING FELLOWS IN K-12 EDUCATION

Applications for the University of Maine's NSF Graduate Teaching Fellows in K-12 Education fellowships are available beginning Wednesday, Dec. 1 in the Graduate School, 2 Winslow Hall.

The fellowships carry a stipend of \$15,000/year plus tuition for each graduate student; undergraduate fellowships are \$10,000/year (NSF-mandated award levels). Ten fellowships will be awarded to graduate students, and students in any area of science, mathematics or engineering are eligible to apply. Two fellowships will be awarded to undergraduates, who should be seniors during the 2000-2001 academic year with majors in any area of science, mathematics or engineering. Interested undergraduates should also pick up applications in the Graduate School.

The primary objective of this new program of the National Science Foundation is to provide fellowships to highly qualified science, math and engineering graduate students in support of their chosen studies, and to provide them opportunities to serve as science resources in K-12 science and math education during the 2000-2001 academic year. A portion of the fellowships will be renewable for a second year.

For additional information on the program, contact Professor Susan Brawley (x2973; Brawley@maine.edu).

Closing date for applications is Jan. 22. Awards will be announced by Feb. 17.

# Positions Available

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

**Assistant Professor (Ice-Core Geochemist), Institute for Quaternary Studies scientist.** Tenure-track faculty appointment. Qualifications: Ph.D. in an appropriate field of Quaternary science; proven record of scholarship; commitment to teaching excellence; proven ability to obtain research funding; substantive field experience collecting ice cores; significant, successful experience in the operation of a stable isotope laboratory. Review of Applications: Will begin 1/10/2000 and will continue until a suitable candidate is chosen. Contact: Send letter of interest along with curriculum vitae and names, addresses, and phone numbers of three referees to: Dan Sandweiss, Quaternary Search Committee, Institute for Quaternary Studies, University of Maine, 5790 Bryand Global Sciences Building, Orono, ME 04469-5790.

**Assistant/Associate Professor in Construction Management Technology, School of Engineering Technology.** Tenure-track position. Rank and salary at time of appointment will be dependent upon experience and qualifications. Qualifications: Master's degree in civil engineering, construction management, or a closely related discipline; minimum of three years of professional experience in building construction contracting; proven interpersonal skills. Registration as a licensed professional engineer is required for associate professor and promotion and tenure. Teaching experience is desirable. Specific fields of interest and experience: detailed cost estimating, scheduling, computer-based estimating and scheduling, and construction management. Experience with construction drawing, computer aided drafting, and electrical/mechanical systems for buildings are desirable. Should be prepared to teach courses at all levels in a curriculum leading to a Bachelor of Science degree in construction management technology. Review of Applications: Will be done as they are received and accepted until the position is filled, but no later than 5/1/2000. Contact: Send resume with names and addresses of three references to: John McDonough, Director, School of Engineering Technology, University of Maine, Room 119, 5711 Boardman Hall, Orono, ME 04469-5711. Web site: <http://www.ume.maine.edu/~engtech/set.htm>

**Research Engineer, Department of Mechanical Engineering.** Full-time position with initial appointment for nine months with continuation expected. Renewal is contingent upon continued funding and performance. Qualifications: Master's degree in mechanical engineering; research background and significant knowledge of composite structures and processes, as well as working knowledge of structural vibrations and dynamic signal processing. Considerable experience in computer structural analysis and analysis of composite materials; proven ability to prepare and complete technical reports and excellent oral, written and interpersonal communication, and organizational skills. Ability to travel, normally requiring a valid driver's license. Salary Range: \$38,000-\$45,000 commensurate with experience for 12-month appointment contingent on funding. Review of Applications: Will begin immediately and continue until the position is filled. Contact: Submit complete resume including names, addresses and phone numbers of at least three references to: Vincent Caccese, Committee Chair, University of Maine, 5711 Boardman Hall, Orono, ME 04469-5711.

**Research Associate (Ocean Modeling), School of Marine Sciences.** Full-time position with initial appoint for one year with continuation contingent upon funding. Qualifications: M.S. in computer science or M.S. in physical oceanography with demonstrated scientific programming experience in Fortran and C; working knowledge of UNIX/Linux System, parallel computation and GUI; excellent oral and written communication skills; demonstrated ability to maintain detailed and careful records, and proven self-initiative and motivation while working on a loosely-supervised work environment. Salary Range: \$32,000-\$37,000 depending on experience and qualifications. Review of Applications: Will begin 11/30/99. Contact: Send resume, brief cover letter outlining scientific computing and graphics programming experience and the names/addresses/phone numbers of three references to: Huijie Xue, School of Marine Sciences, University of Maine, 5741 Libby Hall, Orono, ME 04469-5741.

**Employment Specialist, SEARCH CONTINUED, Center for Community Inclusion, UAP.** Full-time, fiscal-year appointment with renewal contingent upon external funding. Qualifications: Bachelor's degree, master's preferred, in special or counselor education, social work, vocational counseling, rehabilitation counseling or related field. Significant experience working to secure and support the employment of individuals with disabilities in integrated settings; excellent communication and organizational skills and the ability to work collaboratively with other faculty/staff in the development and delivery of training, technical assistance, and materials development. Salary Range: \$28,000-\$32,000 based on education and experience. Review of Applications: Will begin 12/1/99 and continue until filled. Contact: Send cover letter, curriculum vitae, three letters of recommendation, and transcripts to: Chair, Employment Specialist Search Committee, Center for Community Inclusion, UAP, University of Maine, 5717 Corbett Hall, Orono, ME 04469-5717. For more information about the Center, please visit the website at: <http://www.ume.maine.edu/~cci/>

**Advancement Officer, College of Engineering.** Full-time regular position with continuation contingent upon funding. Qualifications: B.S./B.A. degree, BS preferred; M.B.A. or equivalent experience; working knowledge of university and corporate operations; excellent written and verbal communication and organizational skills; demonstrated ability to work with diverse groups and develop diverse activities; proven ability to interact effectively with constituents and colleagues at all levels; multi-tasking qualities and ability to coordinate multiple projects both within and outside the University community; ability to travel, normally requiring a valid driver's license. Salary Range: \$45,000-\$50,000, depending on experience and qualifications. Review of Applications: Will begin 11/29/99 and the position will be filled as soon as possible thereafter. Contact: Send completed application, including (1) cover letter explaining the interest in working in this area and at the University of Maine; (2) current curriculum vitae (or resume); and, (3) names of three current professional references to: Larryl Matthews, Dean, College of Engineering, University of Maine, Room 101, 5708 Barrows Hall, Orono, ME 04469-5708.

**Public Information Coordinator, University of Maine System position in Bangor.** Qualifications: Bachelor's degree; advanced degree in communications, journalism or related field preferred. Minimum of three years of professional experience, preferably in higher education setting; excellent written and oral communication skills, including editorial ability; strong media and publications experience; and computer competence in word processing and other appropriate software. Salary: Up to mid-\$40's depending on qualifications. Excellent benefit package. Review of Applications: Will begin 11/22/99 and will continue until the position is filled. Contact: Send letter of application with resume and three references to: Search Committee for Public Information Coordinator, University of Maine System, 107 Maine Ave., Bangor, ME 04401.

**Benefits Manager, University of Maine System position in Bangor.** Qualifications: Required: Bachelor's degree; 10 years progressively responsible experience in operation or management of employee benefits programs; and knowledge of plan design, financial and regulatory issues affecting benefits plans of large employers. Preferred: Master's degree in human resource management, business management, or related field; certification in benefits, human resources, or risk management, such as CEBS or PHR; experience in a higher education or non-profit environment; and experience with collectively bargained plans. Salary: Competitive and a comprehensive employee benefits package. Review of Applications: Will begin 12/6/99. Contact: Send letter of interest, resume, and names and telephone numbers of five professional references to: Benefits Manager Search, University of Maine System, Office of Human Resources, 107 Maine Ave., Bangor, ME 04401.

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

**Combined Charitable Appeal for University Employees  
total as of Nov. 17: \$30,762.**

## Rockweed *continued from page 7*

a reduction in the number of green crabs, Spirorbis worms, snails and the number and amount of epiphytes living on the tips of the canopy. Encrusting sponges also disappear over time."

The last of Fegley's post-harvest data was compiled in June. With her fieldwork complete, Fegley is now in the lab analyzing data. Her dissertation is expected to be completed this summer.

Rockweed is a common intertidal brown seaweed that is exposed at low tide and stands in a water column at high tide. It is found along rocky shorelines, attached to hard substrate, in moderately and completely sheltered areas. In its habitat, rockweed is the dominant species, with a canopy that sustains other seaweeds and animal species.

For years, it has been harvested in the north Atlantic off the shores of Canada and northern Europe for use as fertilizer and fodder in animal feed. At low tide, rockweed can be harvested by hand. Today's equipment for harvesting rockweed includes modified rakes, suction harvesters and mowers that cut the crop at specified heights.

Rockweed has been harvested on a small scale in Maine for 25 years. Small processing plants in the Brunswick area adhere to self-imposed sustained harvest methods that maintain healthy renewal of the resource.

However, in Canada, rockweed harvesting has been a poorly managed resource until recently. When the waters off Nova Scotia were over-harvested and rockweed beds closed, a new processing plant was built by Acadian Seaplants in New Brunswick. Regulations in New Brunswick are stricter than those in Nova Scotia and now require Acadian Seaplants to cut the seaweed higher and to harvest less. To sustain production, the company has begun harvesting seaweed in Maine waters. Harvesting has already occurred in Cobscook Bay near Eastport.

"What happens if those harvesters move farther down the coast?" asks Fegley. "We have to know what's happening to the nearshore ecosystem when the habitat is changed by harvesting. Rockweed harvesting is analogous to cutting tree tops in the jungle. Other species are affected. The canopy of rockweed provides shade to keep invertebrates cool, and to provide refuge from predators, a nursery area for juvenile snails and fish, and a moist habitat for understory algal species."

Currently, seaweed harvesters need only buy a \$10 license from the state. Last year, the state licensed 200 seaweed harvesters. Most are considered part-time harvesters; only about 60 license-holders are considered full-time harvesters, and then only in the summer.

No other regulation, including tonnage harvested or revenue generated, exists.

"It is not that this species of seaweed can't be harvested," says Fegley. "The concern is there is no regulations on clearcutting."

When rockweed beds are overharvested, forcing beds to close, regeneration is not always possible, says Fegley.

"Rockweed reproduces two to three weeks in a year, and then not very successfully," she says. "It is perennial, so it will outlast other competing species. However, it is site-dependent whether or not harvesters can keep cutting the top of the canopy and have greater production. Because regulations can't be the same across the board, rockweed is a difficult species to regulate."

"We want the harvesting to be done sustainably and responsibly," Fegley says. "The regulations are expected to require a cutting height for rockweed, based on recommendations we made. Biomass removal amounts will be set, based on site-specific biomass assessments."

"We realize that the more stringent the regulations, the less people will want to get into the industry."

In the past year, the Maine Seaweed Council, a nonprofit organization of industry representatives, local harvesters and scientists promoting and protecting sustainable use of macroalgae in Maine, began collaborating with the state Department of Marine Resources concerning rockweed. Together, the groups are working to enact legislation that would manage the resource and prevent overexploitation.

Fegley is an active member of the Council and co-author of a report outlining recommendations for seaweed harvesting. In addition, last year she also was appointed a Sea Grant Legislative Fellow. Fegley now serves as staff to the legislature's Marine Resources Committee, providing lawmakers with scientific background on issues of concern, including lobster hatcheries and management options for the emerging sea cucumber and seaweed fisheries.

While her liaison responsibilities dovetail with her previous experience working in state and local government agencies, Fegley says she is "first and foremost a scientist."

"I give my objective opinion based on the scientific results, whether good or bad for industry or the environment," she says. "The goal of my research is to protect and promote the sustainable use of seaweed as a resource and a habitat. Whether talking to the Maine Seaweed Council or processors and harvesters, I find they are willing to listen and take into account what I'm finding in my research. That's a good relationship with the industry and I'm glad to be able to contribute my findings to promoting sustainability." ▲

## Fegley *continued from page 7*

"Despite the major investment in marine science made by the United States, natural resource managers often lack the most basic information necessary to manage our fisheries and coastal ecosystems. Ms. Fegley has successfully managed to bridge this gap and provide information that not only advances scientific knowledge but is also of immediate value to Maine's Department of Marine Resources (DMR)," Maine Sen. Olympia Snowe wrote in her nomination of Fegley for the Walter B. Jones Award.

Collaborating with Vadas and Wes Wright, associate scientist in biological sciences, Fegley made a series of harvesting recommendations to the Maine Seaweed Council. That report is under review by the Council and DMR. ▲

### **PUBLIC POLICY RESEARCH FUNDS PROGRAM MARGARET CHASE SMITH CENTER FOR PUBLIC POLICY**

The Margaret Chase Smith Center for Public Policy announces the summer Public Policy Research Funds Program for summer 2000. The purpose of the program is to support faculty research projects that involve significant issues of public policy for the state. Projects should have an applied orientation and serve the research interests of the faculty member. Projects should include some interaction with local or state groups, agencies or organizations in Maine and produce products such as grant proposals or publications. Appropriate subjects for research could involve the state's economy, education, employment, energy, environment, ethnic groups, housing, poverty, social services, or transportation, and that include interaction with local or state groups, agencies or organizations in Maine.

The year 2000 program will provide up to three \$3,000 awards for summer support or graduate research assistance, as well as a limited amount for operating costs. Deadline for submission of applications is Jan. 31.

Application materials are available at the Margaret Chase Smith Center for Public Policy, 15 Coburn Hall, 581-1648. For more information, call or visit the Center's Website: [www.umaine.edu/chasesmith2](http://www.umaine.edu/chasesmith2)

**John Templeton Foundation's Freedom Project** makes grants of \$10,000-\$40,000 for the development of undergraduate courses on the broad topic of freedom. Eligible courses must be new offerings, pedagogically exceptional, interdisciplinary, team-taught, and based both on historical/philosophical texts and empirical/quantitative studies.

Letters of intent are due Jan. 10; full proposals, Jan. 31.

**Social Science Research Council** offers fellowships for research into the relationship between religion and the incorporation of immigrants into American society. Awards provide \$20,000 for periods of at least six months. Deadline: Jan. 12.

**Environmental Protection Agency** solicits proposals for studies of approaches, methods or technologies to minimize lead hazards to occupants from home improvement, repainting, renovation, and remodeling projects conducted by home owners or by contractors. Range of awards: \$60,000-\$100,000. Deadline: Jan. 12.

**National Science Foundation** invites applications for research in support of the President's Partnership for Advancing Technology in Housing. The initiative focuses on fundamental research in engineering sciences that will contribute to improvements in the quality, affordability, durability, environmental performance, and/or energy effi-

ciency of housing. Deadline: Jan. 27.

**U.S. Department of Energy** solicits applications for information dissemination, public outreach, training, and related technical analysis and technical assistance activities involving renewable energy (including wind, photovoltaic, hydrogen, and bioenergy technologies) and/or energy efficiency (especially in the transportation, buildings, and industrial sectors). Deadlines are staggered throughout the month of January.

**U.S. Department of Agriculture's Distance Learning and**

**Telemedicine Program** makes grants of up to \$350,000 to encourage, improve, and make affordable the use of telecommunications, computer networks, and related technology to improve access to educational and/or medical services in rural areas. Deadline: March 17.

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

**SUMMER FACULTY RESEARCH FUND COMPETITION**

REMINDER: The Deadline for receipt of proposals for the Summer Faculty Research Fund competition is Friday, Dec. 17. Application packages are available in the Offices of the Deans and the Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, as well as on the Website for Research and Sponsored Programs: [www.ume.maine.edu/~spd/index.html](http://www.ume.maine.edu/~spd/index.html)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) reminds investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the meeting dates for the fall 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, 581-1498. The information is also available at the ORSP Website, [www.ume.maine.edu/~spd/index.html](http://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): Nov. 16, Dec. 14.

**DEADLINE SET FOR LEARNING CIRCLES 2000 PROPOSALS**

Learning Circles 2000 is a program to encourage discussions about teaching on the University of Maine campus. A limited number of grants of up to \$500 will be given to groups of five to eight people who agree to meet during spring semester 2000 to investigate a particular aspect of teaching. All funded groups will be asked to submit a report on their activities and will be invited to share their work at a half-day gathering in May.

Applications for the program must be received by the Center for Teaching Excellence by Dec. 15. Each proposed group must include: a) members from at least three colleges or campus units; b) a mix of faculty, staff and students (graduate or undergraduate); and c) at least one person who is new to UMaine (i.e., here for three years or less).

Applications must include a clear statement of purpose for the group (75 words or less focusing on an issue or question), an identified leader or convener of the group who will be responsible for funds, and a projected budget not to exceed \$500. Funds may be used for books or other materials, food for group meetings, speakers' fees, etc.

The Center for Teaching Excellence will judge proposals and will look favorably on those that 1) connect to identified campus priorities (e.g., technology, diversity) and 2) have noticeable impact on teaching and learning.

Note: A separate grant of \$100 is available for departments or other units that wish to gather five or more people for discussions of teaching. Department chairs should contact the Center for more details.

**What's Ahead**



**MEN'S AND WOMEN'S SWIMMING AND DIVING: BLACK BEAR INVITATIONAL**  
December 3-4

**PANEL AND DISCUSSION ON THE CLASS BOOK**  
December 9

**CLASSES END**  
December 17

**COMMENCEMENT**  
December 18

**FINALS WEEK BEGINS**  
December 20

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