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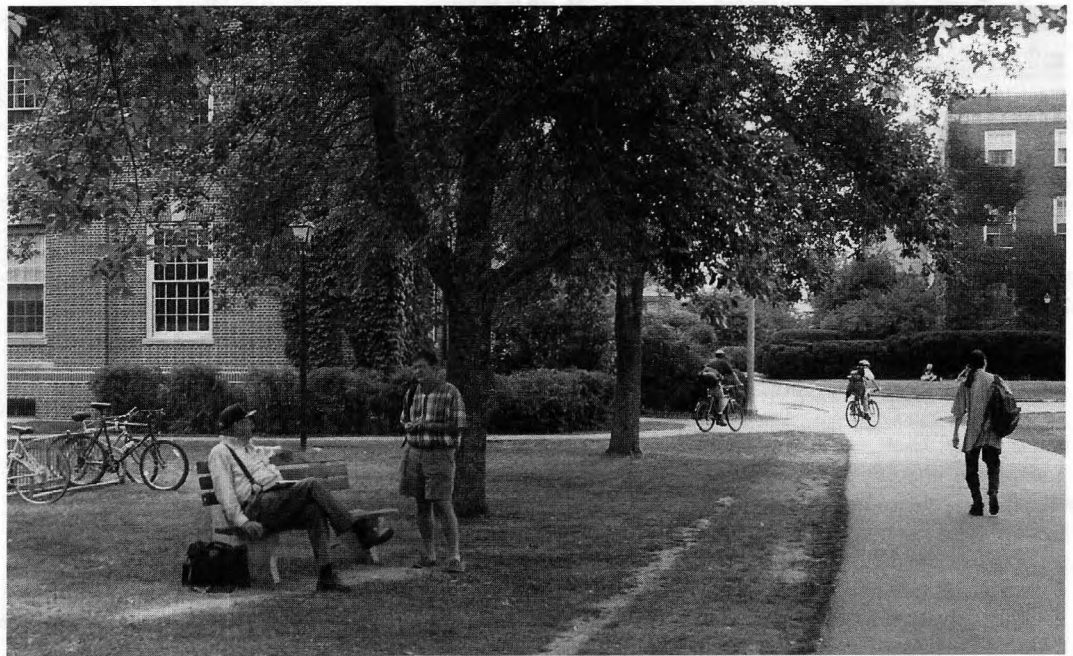
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Associate Professor Emeritus of History John Battick and history graduate student Josh Smith swap maritime history stories outside Stevens Hall on a warm September afternoon.

Gift to UMaine Honors Famous Landscape Pioneer

An "investment in people" by Catherine and Robert Barrett of Bar Harbor and Palm Beach, Fla., will support an innovative, multi-faceted teaching and research effort in the University of Maine's Landscape Horticulture Program.

The Barretts' gift, which will total \$250,000, is intended to honor the memory of Beatrix Farrand, a famous 20th century landscape gardener who lived at Reef Point, Bar Harbor, adjacent to Atlantique, where the Barretts now reside during the summer and fall of each year. The project will involve extensive landscaping, to be done by a private company and to be designed using the elements and techniques favored by Farrand, on the Barretts' property in Bar Harbor. Student and faculty researchers will be involved in preserving and growing specific plant species associated with Farrand's work.

This gift allows us to contribute simultaneously to the University and to Bar Harbor, and to help in the effort to preserve the genius of Beatrix Farrand for future generations to enjoy.

"The Barretts' gift will be used to fund internships, fellowships and other opportunities for UMaine students and researchers working on the five-year project. It is particularly gratifying to note that Mr. and Mrs. Barrett will make a generous investment in people and their abilities," says William Mitchell, associate professor of landscape architecture. "This gift will provide numerous valuable opportunities for our students

and faculty. The Barrett property will be used as a laboratory to develop a garden in the style of Beatrix Farrand."

Mitchell has taught students about the work of Farrand (1872-1959), and conducted countless educational field trips to Bar Harbor for that purpose, throughout his 23 years on the UMaine

continued on page 14

Four-Year Degree Guarantee Available

Incoming first-year students to the University of Maine this fall are eligible for a new program created by President Peter S. Hoff – a "Degree Guarantee" that students who wish to graduate within four years will get the classes they need to complete their degree or else they will get free tuition for their remaining courses.

The plan is a result of a directive Hoff issued to University administrators last November during his inaugural address.

continued on page 17

In Perspective

- 2 University Advancement**
- 7 Spotlight on College Teaching**
- 8 New Faculty**
- 10 Research and Development, Part 3**

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

University Advancement Area Established as Part of Administrative Restructuring

A national search has begun for a vice president for University Advancement who will oversee UMaine's development, public relations and marketing activities, and governmental relations.

Elaine Albright, dean of Cultural Affairs and Libraries, chairs the 13-member search committee, which began meeting last month and expects to bring vice presidential candidates to campus as soon as possible.

Assisting the search committee is consultant Hank Maly of the national search firm Ast/Bryant. Maly is identifying some of the most qualified candidates for the position from throughout the country.

A successful candidate will demonstrate "extensive and successful experience in development, including a record of successful fund raising that indicates ability to direct a development operation capable of raising eight-figure amounts annually."

A decision on a finalist for the position of vice president for University Advancement is expected by early next semester.

UMaine President Peter Hoff's administration has included three vice presidents. Now serving are John Alexander, vice president for Academic Affairs and provost; Mark Anderson, interim vice president for Student Affairs; Virginia Gibson, interim vice president for University Development.

In keeping with objectives set forth in BearWorks, Hoff is restructuring the area of his administration that is responsible for all fund raising and public relations. The goal is to create an organizational structure to enhance external and internal communication, improving clarity, effectiveness and consistency. ▲



Philanthropist and University of Maine benefactor Harold Alfond, pictured above, was among the dignitaries on hand for the Sept. 12 dedication of Harold Alfond Stadium and Morse Field. That evening's home football opener under the lights against New Hampshire drew 9,244 Black Bear fans – the largest on-campus audience to watch a UMaine athletic event since 1991. Alfond, the namesake of Alfond Stadium and Alfond Sports Arena at UMaine, has given generously through the years not only to benefit the University of Maine but the entire state.

Photo by Monty Rand

Campuswide Calendar Available

Maine Perspective keeps an electronic calendar listing on-campus events for the academic year that have been submitted for inclusion. If you are planning an event and want to check for other activities scheduled on particular days, give *Maine Perspective* a call, x3745. Up-to-date electronic versions of the UMaine Master Calendar are available on FirstClass (in the Campus Activities folder) and on the Web (off the UMaine homepage: www.umaine.edu or the calendar website: www.ume.maine.edu/~paffairs/perspectiveweb/mastercalendar.html).

UMaine, EMTC Sign Transfer Agreement for Business Students



On hand for the signing of the agreement were, left to right, Eric Brucker, dean of the College of Business, Public Policy and Health; Eastern Maine Technical College President Joyce Hedlund; UMaine President Peter Hoff; and John Alexander, vice president for academic affairs and provost.

Representatives from the University of Maine and Eastern Maine Technical College have signed an agreement that allows transfer from EMTC to UMaine for students who wish to pursue a degree in business administration. This is the first agreement of its type between the two schools.

Students who have graduated from EMTC's Business Management Program with at least a 2.5 GPA are eligible. Upon

graduation from EMTC, students need to complete a half year of coursework at either school before transferring and taking two years of courses at the Maine Business School.

Up to 60 credit hours can be transferred out of the 120 required to graduate with a bachelor's degree in business administration from UMaine.

"The University of Maine has many similar agreements with a variety of Maine schools, colleges and universities, and we are adding more each year," says John Alexander, vice president for Academic Affairs and provost. "I think these agreements are important for two reasons – they show students a clear pathway to reach their goals and bring good students to UMaine."

As part of the agreement, the Maine Business School will provide EMTC with data upon request regarding subsequent success of EMTC graduates, and EMTC will promote the opportunities and terms of this program in its recruiting and admissions materials.

EMTC normally graduates around 35 associate degree students each year from its Business Management Program, for which 66 credits are required to graduate. ▲

MAINE Perspective

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UNIVERSITY OF
MAINE

MAINE Calendar

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be typewritten and should be sent well in advance of the publication date. For more information, call x3745.

OCTOBER 2 - 17

2 Friday

Performance by Scott Perry, part of the Jazz TGIF Series, offered by the Union Board, 12:15 p.m., Oct. 2, Damn Yankee. x1734.

How to Find Internships, Job Search Workshops offered by the Career Center, 2:10 p.m., Oct. 2, Career Center Lab, Chadbourne Hall. Sign-up in Career Center. x1359.

"Spore Wars: *Entomophaga maimaiga* Against the Gypsy Moth," by Ann Hajek, Department of Entomology, Cornell University, part of the Biological Sciences Seminar Series, 3:10 pm, Oct. 2, 102 Murray Hall. x2984.

Bonfire Rally, Speakout March and Take Back the Night Sleepout, part of Rape and Sexual Assault Awareness Week, 7 p.m. rally, Hilltop Concert Park; 7:30 march, from Hilltop to the Mall; sleepout on the Mall, all Oct. 2. x1405.

Nancy Ogle Faculty Recital, part of the School of Performing Arts season, 7:30 p.m., Oct. 2, Minsky Recital Hall. Admission fee. x1755.

3 Saturday

"How Does a Bear Move?" a Hudson Museum Just for Kids Program, 10 a.m., Oct. 3, Maine Center for the Arts. Preregistration. Fee. x1901.

Football: Maine vs. Villanova, 1 p.m., Oct. 3. Admission fee. xBEAR.

Bangor Symphony Casual Concert, 7 p.m., Oct. 3, Hutchins Concert Hall. Admission. 942-5555.

4 Sunday

Field Hockey: Maine vs. New Hampshire, 11 a.m., Oct. 4. xBEAR.

Bangor Symphony Concert, 3 p.m., Oct. 4, Hutchins Concert Hall. Admission. 942-5555.

5 Monday

"Seasonal Affective Disorder," by Sandy Sigmon, part of Mental Illness Awareness Week, 10 a.m., Oct. 5, Bangor Lounge, Union. x4194.

Mental Health Agency Poster Session Job Fair, part of Mental Illness Awareness Week, 10 a.m.-3 p.m., Oct. 5, FFA Room and Lown Room, Union. x4194.

"Providing Mental Health Services in the Future," by Katherine Bubar, Department of Mental Health and Mental Retardation Region III director, part of Mental Illness Awareness Week, 11 a.m., Oct. 5, Bangor Lounge, Union. x4194.

Barbecue and Flag Raising, part of Coming Out Week, 11 a.m.-1 p.m., Oct. 5, Mall. x1596

"How Passerine Birds Acquire Their Songs," by Don Kroodsmas, professor, Department of Biology, University of Massachusetts, part of the Wildlife Ecology Seminar Series, noon, Oct. 5, 204 Nutting Hall. x2866.

"Perspectives on the Concept of Mental Illness," by Jay Peters, Doug Nangle, Jeff Hecker, Dr. Judy Burk of Acadia Hospital and Denise Delori of AML-ME, part of Mental Illness Awareness Week, 12:30-2:30 p.m., Oct. 5, Bangor Lounge, Union. x4194.

Mental Illness Awareness Week Open Reception, 2:30-3:30 p.m., Oct. 5, Totman Lounge, Union. x4194.

"Cognitive Features and Treatment of Obsessive-Compulsive Disorder," by Gail Steketee, School of Social Work, Boston University, part of Mental Illness Awareness Week, 3:30-5 p.m., Oct. 5, Bangor Lounge, Union. x4194.

"Out of the Shadows of Borneo: Voices of the Rainforest," a multimedia presentation, offered by the Student Environmental Action Coalition, 7 p.m., Oct. 5, 100 Corbett Business Building. x1734.

"What to Do When Your Mother Becomes the Queen of Sheba," the keynote address for Mental Illness Awareness Week by Jacki Lyden, National Public Radio reporter and author of *Daughter of the Queen of Sheba*, 7-9 p.m., Oct. 5, Bodwell Area, Maine Center for the Arts. Reception and book signing follow. x4194.

Movie: *Threesome*, part of Coming Out Week, 8 p.m., Oct. 5, 100 Corbett Business Building. x1596

6 Tuesday

"Mobilizing the Caring Majority," by Shibles Distinguished Visiting Professor Dr. James Comer, Maurice Falk Professor of Child Psychiatry, Yale University Child Study Center, and associate dean, Yale Medical School, 11 a.m., Oct. 6, 100 Corbett Business Building. x2761.

"Medications for Mental Illness: Dispelling the Stigma," by Deborah McMahon, FNPC; author Jacki Lyden; and Roger Powers, part of Mental

Illness Awareness Week, 12:15-1:30 p.m., Oct. 6, Bangor Lounge, Union. x4194.

"The Preventative Nature of School," by Shibles Distinguished Visiting Professor Dr. James Comer, Maurice Falk Professor of Child Psychiatry, Yale University Child Study Center, and associate dean, Yale Medical School, part of Mental Illness Awareness Week, 4 p.m., Oct. 6, Sutton Lounge, Union. x4194.

"Abrupt Climate Change and the Collapse of West Asian Civilizations," by Harvey Weiss, professor, Department of Near Eastern Languages and Literature, Yale University, offered by the Hudson Museum and the international Foundation for the Exploration and Research on Cultural Origins, 3:30 p.m., Oct. 6, Maine Center for the Arts. x1901.

Meeting with the Provost, for classified and professional staff members, 4-5 p.m., Oct. 6, 235 North Stevens Hall.

"Wrap-around Model: Teaming for Children, Family, School and Community," a panel discussion with members of Wings for Children and Family Inc., part of Mental Illness Awareness Week, 5 p.m., Oct. 6, Sutton Lounge, Union. x4194.

Performance by the National Acrobats of China, part of the Maine Center for the Arts performance season, 7 p.m., Oct. 6, Hutchins Concert Hall. Admission fee. x1755.

"Interacting with Characters," the First Annual Anne Johnstone Seminar by Barbara Hayes-Roth, senior research scientist, Department of Computer Science, Stanford University, president and CEO of Extempo Systems, and past president of the American Association for Artificial Intelligence, offered by the Department of Computer Science, 7 p.m., Oct. 6, 115 Corbett Business Building. Reception follows. x3909.

"U.S. Values, Customs and Behaviors," a discussion, offered by the Office of International Programs, 7 p.m., Oct. 6, FFA Room, Union. x2905.

Borderline, a performance by of the Silver Dragon, part of Mental Illness Awareness Week, 8 p.m., Oct. 6, Minsky Recital Hall. x4194.

Coffee Hour with Les Sampou, offered by the Union Board, 8 p.m., Oct. 6, Peabody Lounge, Union. x1734.

7 Wednesday

Meeting with the Provost, for classified and professional staff members, 9:30-10:30 a.m., Oct. 7, 124 Bennett Hall.

Depression Screening, for students, employees and community members, part of Mental Illness Awareness Week, 11 a.m., Oct. 7, North Lown Room, Union. x4194.

"Transactional Conflict Between Biology and Culture in Postpartum Depression," by Marie Hayes, part of the Women in the Curriculum Luncheon Series and Mental Illness Awareness Week, 12:15 p.m., Oct. 7, FFA Room, Union. x1228.

"Building Interactive Characters," the First Annual Anne Johnstone Seminar by Barbara Hayes-Roth, senior research scientist, Department of Computer Science, Stanford University, president and CEO of Extempo Systems, and past president of the American Association for Artificial Intelligence, offered by the Department of Computer Science, Oct. 7. x3909.

"Mental Health Information on the World Wide Web," by Deborah Rollins, part of Mental Illness Awareness Week, 2:30 p.m., Oct. 7, Fogler Computer Classroom. x4194.

"Risk Characterization of Dioxin," a Staples Seminar in Biochemistry by Linda Birnbaum, acting associate director for health, National health and Environmental Effects Research

Laboratory, EPA, Research Triangle Park, North Carolina, offered by the Department of Biochemistry, Microbiology and Molecular Biology, 3:10 p.m., Oct. 7, 102 Murray Hall. Reception precedes seminar. x2602.

"Writing College Papers," a Study Skills Program, 3:15 p.m., Oct. 7, Sutton Lounge, Union. x1734.

Movie: *Chasing Amy*, part of Coming Out Week, 8 p.m., Oct. 7, 100 Corbett Business Building. x1596

8 Thursday

"Sunscreens and Antioxidants from Marine Organisms: The Complexity and Serendipity of Science," by Walt Dunlap, Australian Institute of Marine

Science, part of the Biological Sciences Seminar Series, 11 a.m., Oct. 8, 316 Aubert Hall. x2562.

"The Importance of Ecosystem Management and Biodiversity to Forest Health," by Dan Simberloff, Department of Ecology and Evolutionary Biology, University of Tennessee, part of the Wildlife Ecology Seminar Series, 3:30 p.m., Oct. 8, 204 Nutting Hall. x2866.

"Continuum of Care and Options for the Elderly," a panel discussion with representatives from the Eastern Agency on Aging, Bangor Housing Authority and the Orono Commons Center for Health and Rehabilitation, part of the Employee Assistance Program Brown Bag Luncheon Series, noon, Oct. 8, Bangor Lounge, Union. x4014.

"Medical Discourse on Abortion," by Nathan Stormer, part of the Marxist and Socialist Studies Luncheon Series, 12:30 p.m., Oct. 8, Bangor Lounge, Union. x3860.

Women's Soccer: Maine vs. Northeastern, 3 p.m., Oct. 8.

Tales of a 4th Grade Nothing, part of the Maine Center for the Arts performance season, 7 p.m., Oct. 8, Hutchins Concert Hall. Admission fee. x1755.

Movie: *Tangible Fathers*, a movie by UMaine alumnus Robert Dionne, part of Coming Out Week, 8 p.m., Oct. 8, 100 Corbett Business Building. x1596.

Performance by Strange Pleasure, offered by OCB, 8 p.m., Oct. 8, Bear's Den.

9 Friday

"Making the Best of a Bad Situation: Mayhem and Character Release in the Small Indian Mongoose, a Carnivore Widely Introduced for Biological Control," by Dan Simberloff, Department of Ecology & Evolutionary Biology, University of Tennessee, Knoxville, part of the Biological Sciences Seminar Series, 3:10 pm, Oct. 9, 102 Murray Hall. x2863.

Fall Break Begins, 5 p.m., Oct. 9.

University of Maine Museum of Art Reception for Maine Crafts Association: New Faces, and Douglas Higgins: Paintings on Paper, 5-7 p.m., Oct. 9, Carnegie Hall. x3255.

Men's Ice Hockey: Blue/White Game, 7 p.m., Oct. 9. Admission fee. xBEAR.

Ongoing Events

Campuswide Events

Coming Out Week, Oct. 3-5.

Homecoming, Oct. 16-18.

Alcohol Awareness Week, Oct. 19-25.

Annual Folk Traditions Festival, offered by the Maine Folklife Center in cooperation with the Canadian-American Center, Nov. 6-7. x1891.

Conferences/Seminars/Workshops

Internet Searching Techniques, Fogler Library Internet Workshops, 3-5 p.m., Oct. 21; 6-8 p.m., Nov. 10, Fogler Computer Classroom. Registration. x1675.

Indexes and Databases, Fogler Library Internet Workshops, 10 a.m.-noon, Oct. 15; 3-5 p.m., Nov. 2, Fogler Computer Classroom. Registration. x1675.

"Climate and Culture at 3,000 B.C.," Oct. 7-11.

Entertainment

The Crackwalker, directed by Sandra Hardy, part of the Maine Masque season, 7:30 p.m., Oct. 22-24; high school performance, noon, Oct. 21; 2 p.m., Oct. 25, Hauck Auditorium. Admission fee. x1755.

Exhibits/Demonstrations/Tours

Maine Crafts Association: New Faces, a Museum of Art exhibition, Oct. 9-Nov. 21, Carnegie Hall. x3255.

Douglas Higgins: Paintings on Paper, a Museum of Art exhibition, Oct. 9-Nov. 21, Carnegie Hall. x3255.

Working Traditions: Century-Old Craftsmanship in Maine, a photodocumentary by Cornelia Cannon Holden, through Oct. 18, Hudson Museum, Maine Center for the Arts. x1901.

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

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

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

Page Farm and Home Museum open daily, 9 a.m.-4 p.m. x4100.

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

Meetings of Groups/Organizations

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

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

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

Maine Peace Action Committee meets every Wednesday, 4 p.m., Maples. x3860.

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

Special Notes

Farmers' Market, 8 a.m.-1 p.m., every Saturday; 2:50-5:30 p.m., every Tuesday, Steam Plant Parking Lot.

Living History Days, Oct. 3-4, Leonard's Mills, Bradley. Admission fee. x2871.

Information Tables, part of Mental Illness Awareness Week, 10 a.m.-2 p.m., Oct. 5-7, Union. x4194.

19th Annual Homecoming Arts and Crafts Show, Food Fair and Farmers' Market, part of Homecoming Weekend, 10 a.m.-5 p.m., Oct. 17; 10 a.m., Oct. 18, Field House. Admission fee. x1142.

10 Saturday

Maine Civil Rights March and Rally, 9 a.m., Oct. 10, beginning at the Maine Center for the Arts.

Murray Keatinge Invitational, 10 a.m., men's cross country; 11 a.m., women's cross country, Oct. 10. xBEAR.

Football: Maine vs. Rhode Island, 1 p.m., Oct. 10. Admission fee. xBEAR.

Annual Meeting of the Page Farm and Home Museum Membership, including a baked bean supper, 5 p.m., Oct. 10, Page Museum. x4100.

Civil Rights Celebration, featuring Tim Sample, performances by Suede, Steve Schaalchlin and Maine Gay Men's Chorus, 8 p.m., Oct. 10 Hutchins Concert Hall. Admission fee. x1755.

13 Tuesday

Fiddler on the Roof, part of the Maine Center for the Arts performance season, 7 p.m., Oct. 13, Hutchins Concert Hall. Admission fee. x1755.

14 Wednesday

Classes Resume, Oct. 14.

Flu Clinic, offered by the Center for Students and Community Life, 9:30 a.m.-2 p.m., Oct. 14, Low Room, Union. Fee. x4194.

"Older Rural Lesbians and Their Perspectives on Health Care," by Sandy Butler, part of the Women in the Curriculum Luncheon Series, 12:15 p.m., Oct. 14, Bangor Lounge, Union. x1228.

"Language Dysfunction in Dementia of the Clinical Neuropsychologist Alzheimer Type (DAT)," by Bruce Friedburg, Bangor Mental Health Institute, part of the Department of Communication Sciences and Disorders fall series, 5-6:15 p.m., Oct. 14, North Low Room, Union. x2003.

"The Lost Museum: The Nazi Conspiracy to Steal the World's Greatest Works of Art," by journalist Hector Feliciano, editor-in-chief of the European newspaper syndicate World Media Network and author of *The Lost Museum*, offered by the Minsky Family Fund for Judaic Studies, 7:30 p.m., Oct. 14, 100 Corbett Business Building. x1957.

15 Thursday

"Maine Organic Farmers and Gardeners Association," by Sharon Tisher, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon, Oct. 15, Page Museum. x4100.

"The Communist Manifesto After 150 Years," by Doug Allen, Alex Grab and Michael Howard, part of the Marxist and Socialist Studies Luncheon Series, 12:30 p.m., Oct. 15, Bangor Lounge, Union. x3860.

Performance by Ondekoza - Demon Drummers of Japan, part of the Maine Center for the Arts performance season, 7 p.m., Oct. 15, Hutchins Concert Hall. Admission fee. x1755.

Thursday Night at the Bear's Den with Karaoke, offered by the Union Board, 9 a.m., Oct. 15, Union. x1734.

16 Friday

University Credit Union will be celebrating International Credit Union week on Friday, Oct. 16. Join us in celebrating 150 years of credit unions by stopping by the Credit Union for refreshments. Monty Moose will be on hand. There will be giveaways throughout the day.

Performance by Cool and Beyond, part of the Jazz TGIF Series, offered by the Union Board, 12:15 p.m., Oct. 16, Damn Yankee. x1734.

Women's Soccer: Maine vs. Hofstra, 3 p.m., Oct. 16. xBEAR.

"Pine Trees - Phylogenetic Analyses and Tests of Coevolutionary Hypotheses," by Aaron Liston, Oregon State University, part of the Biological Sciences Seminar Series, 3:10 pm, Oct. 16, 102 Murray Hall. x2978.

19th Annual College of Engineering Recognition Banquet, part of Homecoming Weekend, 6 p.m. social; 7 p.m. dinner, Oct. 16, Wells Conference Center. Tickets. x2216.

Sports Hall of Fame Induction Banquet, part of Homecoming Weekend, 6 p.m. social; 7 p.m. dinner, Oct. 16, Black Bear Inn. Tickets. xBEAR.

17 Saturday

"M" Club Breakfast, honoring Gold and Silver "M" athletes, part of Homecoming Weekend, 8 a.m., Oct. 17, Mahogany Room, Wells Conference Center. x1142.

Thursday Club Fall Outing, featuring a hike at Camp Roosevelt, Fitts Pond. All interested University-affiliated women and guests meet to carpool at 9 a.m., Oct. 17, Maine Center for the Arts parking lot. 866-4520.

Friends of Track Annual Meeting, part of Homecoming Weekend, 9:30 a.m., Oct. 17, Private Dining Room, Wells Conference Center.

Celebrity Softball Game, featuring area celebrities, offered by Lambda Chi, 9:30 a.m., Oct. 17, Morse Field. Donations accepted. 866-0135 or 866-7321.

Third Annual Alumni Reunion of Residential Life/Campus Living RDs and RAs, part of Homecoming Weekend, 10 a.m., Oct. 17. x1142.

13th Annual Civil Engineering Alumni and Friends Brunch, part of Homecoming Weekend, 10 a.m., Oct. 17, Stewart Commons. Reservations/admission. x2171.

Homecoming Alumni Reception: All Maine Women, Senior Skulls and Student Alumni Association, part of Homecoming Weekend, 10:30 a.m.,

Oct. 17, Mahogany Room, Wells Conference Center. x1142.

Men's-Women's Swimming and Diving: Alumni Meet, 11 a.m., Oct. 17. xBEAR.

ATO Alumni Reunion, part of Homecoming Weekend, 11 a.m., Oct. 17, Crossland Hall. x1142.

Reunion Cafe Celebration: Classes of 1973, 1978, 1983, 1988, 1993, part of Homecoming Weekend, 11 a.m., Oct. 17, Wells Conference Center. x1142.

First Annual Navy ROTC Reunion BBQ, part of Homecoming Weekend, noon, Oct. 17, College Avenue.

Alumni Family Tailgate Picnic, featuring 12th Annual Alumni Picnic Tailgate Competition, part of Homecoming Weekend, noon, Oct. 17, north parking lot. x1142.

Alumni Band Brunch, part of Homecoming Weekend, noon, Oct. 17, 100 Class of '44 Hall.

University Singers Homecoming Reception, 1 p.m., Oct. 17, 102 Class of '44 Hall. x1245.

Pre-Game Show, featuring performances by the Alumni Marching Band and the Marching Band, part of Homecoming Weekend, 2:30 p.m., Oct. 17, Morse Field, Alfond Stadium. x1142.

Football: Maine vs. Richmond, Homecoming Game, 3 p.m., Oct. 17. Admission fee. xBEAR.

DEPARTMENT OF ENVIRONMENTAL HEALTH AND SAFETY

Basic Safety Training Schedule

University employees and students are required to attend only one Safety Training session per year. Training should be appropriate to the assigned work areas.

Laboratory, shop, farm, kitchen, remote site and other higher hazard areas: 1:30 p.m., Oct. 6, 100 Nutting Hall; 2 p.m., Oct. 7, 153 Barrows Hall; 2:30 p.m., Oct. 15, 102 Murray Hall; 11:30 a.m., Nov. 4, 141 Bennett Hall; 3:30 p.m., Nov. 12, 100 Nutting Hall; 12:30 p.m., Nov. 19, 130 Little Hall; 3:30 p.m., Nov. 23, 141 Bennett Hall; 12:30 p.m., Nov. 30, 137 Bennett Hall; 2:30 p.m., Dec. 2, 101 Neville Hall; 12:30 p.m., Dec. 8, 130 Little Hall.

Office and classroom work areas: 9 a.m., Oct. 2, 102 Murray Hall; 9 a.m., Oct. 14, 100 Nutting Hall; 10 a.m., Oct. 19, 130 Little Hall; 10 a.m., Oct. 23, 140 Bennett Hall; 9:30 a.m., Oct. 27, 140 Bennett Hall; 8 a.m., Dec. 4, 130 Little Hall; 9 a.m., Dec. 9, 100 Nutting Hall; 4 p.m., Dec. 10, 130 Little Hall; 3 p.m., Dec. 17, 130 Little Hall.

CPR/First Aid Training

CPR/First Aid Training is required for those employees who work on live electrical lines, as emergency responders, in diving operations, or in logging/forestry operations. The course is recommended for individuals who work in remote sites, with children or with a personal interest. This is an eight-hour National Safety Council (NSC)-certified course. Course fee of \$18 per person includes training materials.

Note: CPR/First Aid Training is available on request at any of the remote sites or by arrangement. At least 10 persons per course are needed; courses can be modified to meet specific departmental needs.

CPR/First Aid Training courses: 8 a.m.-5 p.m., Oct. 7, Nov. 4 and Nov. 18, Dexter Lounge, Alfond Sports Arena; Oct. 24, Bangor Lounge, Union; Oct. 28, Woolley Room, DTAV.

People in Perspective

Laboratory support professional and chief machinist Tom Tripp thinks he has the perfect job designing specialized equipment for the professors at UMaine.

"It's a great job," Tripp says. "There's always a project to be done and it's never the same thing twice."

Since he first came to the University of Maine in 1987, Tripp has designed numerous mechanical devices for the Physics and Astronomy and Zoology Departments. Professors from departments all over campus come to him for equipment that is either unavailable commercially or too expensive.

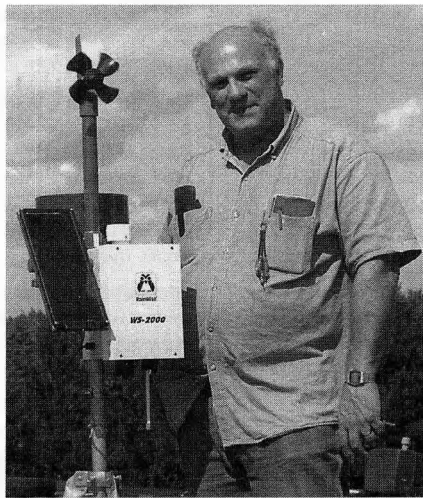
"They usually give me some direction, but it is my design," he says.

Tripp does projects that are associated with undergraduate teaching in the laboratories, including helping engineering physics majors construct apparatus for measurements. With Tripp's help, student Nigel Nation designed a holder for an X-ray fluorescence sample, and student Robert Kilmer developed an alpha particles scattering chamber. Both student projects were selected for a New England student engineering competition at Tufts University.

Tripp also is involved in the construction of new equipment by graduate students. One example is an apparatus for measuring a curve for the Sun's light spectrum. The apparatus Tripp developed is not available in catalogs and is used by students for a unique experiment in the department's graduate laboratory.

In addition, much of the equipment used for research in radon has been built in Tripp's shop. An example is the department's 100-cubic-foot Lucite radon mixing box, in which radon and air are combined to produce a high-volume standard gas supply to calibrate radon detectors. The detectors were used in two graduate thesis projects, and cited in papers and scholarly journals. Results in the papers have been used in the formulation of a water-borne radon standard.

Tripp has made race tracks for studying velocity and an apparatus which allows students to actually see frog tissue pulse. The Jordan Planetarium uses a unique centerpiece structure Tripp developed for projectors, speakers and other equipment. His most recent invention for the Zoology Department, a light-measuring device, was used by a graduate student for



Tom Tripp

Photo by Molly Haskell

underwater research in the Caribbean this summer.

And once his projects are finished, Tripp thinks of ways to improve them.

Tripp is not only working on projects for UMaine. He is also designing a positioning device for EMMC's Radiation Department, which will help stabilize people receiving radiation for cancer therapy. He has made similar devices that help patients being treated for ovarian cancer that help by controlling the amount of radiation received and the area to be radiated.

His office and workshop in Bennett Hall are cluttered with machines and tools. The array of materials on hand includes items like a broken wheelchair in the corner of his office, which will eventually be a dune buggy-style vehicle for a former physics student with disabilities who likes the beach but found wheels don't always cooperate in sand.

Tripp gained his knowledge of machines and inventions 30 years ago in trade schools in Connecticut, where his work with plastics exposed him to a lot of the new technologies. He soon discovered he liked designing original apparatus better than mass producing the same object.

"The challenge of designing products is what influences me and gets me more into a job than fabricating," Tripp says. "I can fabricate two, three, four maybe, but after that . . ."

After trade school, Tripp built models that were used to study DNA in the biomedical industry in Connecticut. "I was working on biopsy guns and fiber optics

in the '60s," he says, "before they became what everyone was using."

Two years ago, Tripp's son gave him another piece of unusual equipment to work with. His son, an employee at RainWise, a weather instrument company in Bar Harbor, gave Tripp a weather monitoring unit to set up in his home. As a result, Tripp has spent evenings for the past two years tracking Maine's weather patterns.

His son's gift was a forecast of Tripp's future weather duties at UMaine. Last year, Tripp inherited weather recording duties for the National Weather Bureau from Fenton Stormann, who had been monitoring the weather for 35 years from atop Bennett Hall. The University of Maine has been sending monthly weather data to the National Weather Bureau since 1885.

Like his other projects, Tripp also figured out a way to improve the weather monitoring system by upgrading some of the equipment. He convinced RainWise, whose head engineer is former UMaine physics faculty member Michael Vietti, to donate to UMaine a new monitoring unit, valued at more than \$1,000. The unit, now on the roof of Bennett, measures precipitation, temperature, humidity and other weather factors, and transmits them to Tripp's computer in the basement.

Tripp and work study student Nigel Nation created a website, (www.webserver.umefpy.maine.edu/~Nigel/Weather.html), which displays weather information and updates it every 10 minutes. Tripp compiles the data monthly for the Weather Bureau.

There are other National Weather Bureau stations in towns throughout Maine, including Caribou and Bar Harbor. However, now that UMaine has the new RainWise unit, Tripp says UMaine's weather monitoring system for the National Weather Bureau is the most advanced in Maine.

"I think that we are getting to the point where we're going to actually phone in the daily weather (to the National Weather Bureau)," Tripp says. "What we're looking for in the future is even putting a camera up there to get a picture of what's going on."

"Monitoring the weather used to be at the low end of things," Tripp says. "But now we're making it high tech – making it fun."

Conference on Prehistoric Climate, Culture Attracting International Researchers

With support from a grant from FERCO (the Foundation for Exploration and Research on Cultural Origins), UMaine will host an international conference Oct. 7-11 to assess current knowledge of the relationship between climate and culture during the period around 3,000 B.C.

Historians and archeologists have long known that dramatic changes in civilizations in the Middle East, Africa, South and Central America and other regions took place during this period. Researchers who study ancient climates are also finding evidence that weather patterns, including El Niño, may have changed substantially at this time.

Joining presenters from the UMaine Institute for Quaternary Studies are Betty Meggers of the Smithsonian Institution; S. George Philander of Princeton University; Lonnie Thompson of Ohio State University; Harvey Weiss of Yale University; and Fred Wendorf of Southern Methodist University. Other speakers are coming from Europe, South and Central America, Australia and New Zealand.

"We intend to produce a summary of what experts know about climate and culture during this period, which is known as the mid-Holocene," says Daniel Sandweiss, assistant professor of anthropology and quaternary studies, and a conference organizer. "We're bringing together people who study ancient civilizations and people who study climate. One of their tasks will be to produce book chapters about specific regions of the world, including recommendations for future research to fill major gaps in knowledge."

Others involved in the conference include co-organizer Kirk Maasch, associate professor of geological sciences at UMaine, and the Norwegian archeologist and author Thor Heyerdahl. Heyerdahl was the president of the FERCO Scientific Committee that provided the funding, and has long pointed to the importance of 3,000 B.C. in human history. Sandweiss, Maasch and Heyerdahl are all associated with UMaine's Institute for Quaternary Studies.

One hypothesis to be discussed at the meeting suggests that a shift in climate around 3,000 B.C. led to the current El Niño weather pattern and may have contributed to cultural trends along the tropical coast of western South America. Sandweiss was lead author of an article in the journal *Science* describing evidence for this hypothesis in 1996.

Most of the conference sessions are open to the public for a \$25 registration fee. Sessions on the last day are closed to a list of invited participants who will be responsible for assembling book chapters on specific regions of the globe. ▲

Oral Exams

"Instrumentation and Performance of Geosynthetics Beneath Flexible Pavements in Winterport and Frankfort, Maine," by Christine Fetten, candidate for master's degree in civil engineering, 11 a.m., Oct. 2, 209 Boardman Hall.

"Evolution of the Surface Structure and Chemistry of Pigmented Coatings During Drying," by Hamad Al-Turaif, candidate for Ph.D. in chemical engineering, 2 p.m., Oct. 14, 222 Jenness Hall.

"The Low Green Prairies of the Sea: Economic Usage and Cultural Construction of the Gulf of Maine Salt Marshes," by Kimberly Sebold, candidate for Ph.D. in history, 1:30 p.m., Oct. 20, 117 North Stevens Hall.



BearWorks
University of Maine

SPOTLIGHT ON COLLEGE TEACHING

The experiences of professors across campus vary when it comes to teaching, but all too often for many it is a private enterprise. Few opportunities exist to learn from each other about teaching, to exchange our best teaching strategies, or to mull the complexities of working with challenging students.

The new Office of Instructional

Development can help change that environment, building upon the interest we all have in improving our teaching.

In campus programs devoted to improving teaching, the attendance and the passionate commitment of faculty across campus to quality teaching has been evident. The Office of Instructional Development is an attempt to tap that commitment and to provide more opportunities for improving the quality of teaching on campus in a planned, systematic way.

Serving as interim co-directors of the Office of Instructional Development are Brenda Power and Connie Perry, faculty in the College of Education and Human Development.

Instructional Development is being launched this fall through a series of events, including workshops for administrators to improve faculty mentoring; an informal book talk series featuring two novels – *Straight Man* by Richard Russo and *A Small Room* by May Sarton; a mini-course on writing assignments for instructors of writing intensive courses; and afternoon tea series featuring innovating teaching practices.

Popular programs from this fall will continue next semester.

Instructional Development Upcoming Events

"Mentoring New Faculty," a panel discussion for deans, chairs, directors, Tuesday, Oct. 20, 12:30-2 p.m., Palmer Lounge, Mahaney Clubhouse.

"Resistance and Respect: Teaching About Diversity," featuring Sandra Gardner of the Sociology Department, the first in the "Innovative College Teaching" Afternoon Tea Series, Thursday, Oct. 29 3:30-5 p.m., Mahogany Room, Wells Conference Center.

Book Discussion Group: *Straight Man* by Richard Russo, Monday, Nov. 2, 10:30-11:30 a.m., Mahogany Room, Wells Conference Center.

"Better Writing, Less Time," a two-part workshop for writing intensive course instructors, Thursdays, Nov. 5 and Nov. 12, 3:30-5 p.m., Totman Lounge, Union. Preregistration. Call Theresa McMannus, x2438.

Myth of the Month – Professors who require lots of work from students receive low marks on student evaluations.

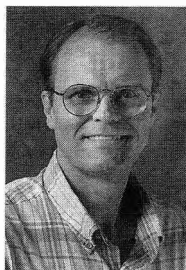
Some professors worry that they have to "dumb down" their course requirements in order to receive high evaluations from students. Various research studies comparing student rankings of the quality of professors with course workload demands show this isn't the case. In general, professors who require more work from students receive better student evaluations.

This trend holds true at the University of Maine. In a survey of course evaluation forms from the fall 1996 and spring 1997 semesters completed by the Office of Institutional Studies, courses rated in the top 25th percentile for difficulty received significantly higher ratings from students for the question "How would you rate the overall quality of this course?" than courses ranked in the lowest 25th percentile for difficulty.

The lesson for college teachers? Students may complain about the work they are required to do, but they don't really want to see professors "dumb down" demands. They prefer that we "inspire up" – motivate them through our enthusiasm for our discipline (whether it be quantum physics or 17th century British poetry), and provide challenging assignments that are meaningful.

New Faculty at the University of Maine

College of Business, Public Policy and Health



Cary Jensen, Assistant Professor of Social Work

Jensen earned his doctorate in social work from Virginia Commonwealth University. He has 15 years of experience as a clinical social worker with children and families. Most recently, he was an assistant professor in the Department of Psychiatry at the Medical College of Virginia. He will be teaching social work research and practice.



Donijo Robbins, Assistant Professor of Public Administration

Robbins is completing her doctoral degree in public administration from Rutgers University – Newark. Her research interests include public budgeting and finance, economic development, and drug policies in the United States and abroad. Robbins also holds a master's degree in economics from Rutgers University – Newark.



Peter Tarasewich, Assistant Professor of Management Informational Systems

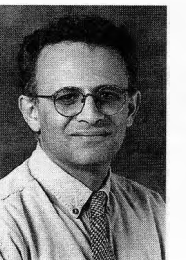
Tarasewich received his Ph.D. in operations and information management from the University of Connecticut. His research interests include product and process design, systems design and analysis, usability, human-computer interaction, and webpage design.



Stephanie Welcomer, Assistant Professor of Management

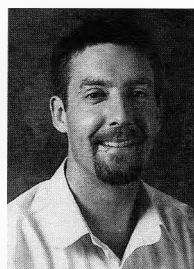
Welcomer received her Ph.D. in management and organization from Pennsylvania State University. Her research interests are in interorganizational networks, stakeholder relations, and organizations and the natural environment. Welcomer is teaching Principles of Management and Quantitative Methods.

College of Engineering



Aria Amirbahman, Assistant Professor in Civil and Environmental Engineering

Amirbahman received his Ph.D. in civil and environmental engineering from the University of California – Irvine. He held a visiting professorship at the University of Maine during the 1997-98 academic year. His research interests include investigating metal uptake by natural ligands and studying methylmercury association with humic substances.



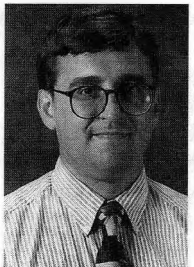
William Davids, Assistant Professor of Civil Engineering

Davids received his Ph.D. from the University of Washington. He holds B.S. and M.S. degrees in civil engineering from the University of Maine. His research interests are in the area of structural engineering, with particular emphasis on numerical methods and computing.



Amyl Ghanem, Assistant Professor of Chemical Engineering

Ghanem received her Ph.D. this spring from Cornell University. Her research interests are in the areas of biotechnology, biochemical engineering and biomedical engineering.



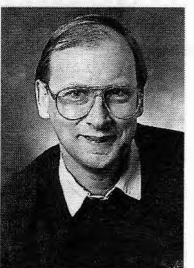
Roberto Lopez-Anido, Assistant Professor of Civil Engineering

Lopez-Anido received his Ph.D. in civil engineering from West Virginia University. He is a member of the Advanced Engineered Wood Composites Center. His research focuses on mechanics of fiber-reinforced polymer composites for infrastructure, and modeling, design and experimental characterization of composite systems. The emphasis of his work is on rehabilitation and long-term performance of civil structures.



Jill Schoof, Associate Professor of Electrical Engineering Technology

Schoof did her graduate work at Northeastern University and came to UMaine from the University of New Hampshire, where she taught for 10 years. She worked for 20 years in the electronics industry in Boston, as engineering manager of several high technology companies, and consulting actively in manufacturing and design of electronic products. Her work now focuses on the Robust Instrumentation and Industrial Controls Laboratory in Barrows Hall, and on her fieldwork in instrumentation at Mount Washington Observatory in New Hampshire.



Adriaan R.P. van Heiningen, Professor of Chemical Engineering and holder of the Ober Chair

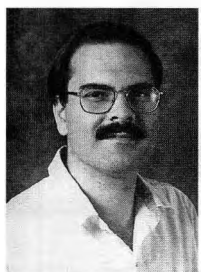
van Heiningen received his Ph.D. in chemical engineering from McGill University. Prior to accepting the Ober Chair at the University of Maine, van Heiningen served as director of the Dr. Jack McKenzie Limerick Pulp and Paper Research and Education Centre at the University of New Brunswick.

College of Liberal Arts and Sciences



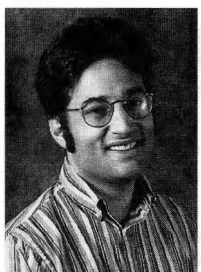
Carolyn Bennett, Assistant Professor of Journalism and Mass Communication

Bennett holds a Ph.D. in curriculum design and teacher education from Michigan State University in East Lansing, an M.A. in journalism and public affairs from American University, a Master of Music in music education from DePauw University, and a B.S. in music education from Knoxville College.



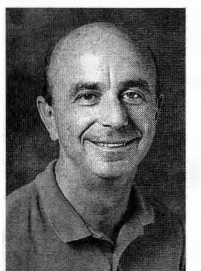
David Bradley, Assistant Professor of Mathematics

Bradley received his Ph.D. in 1995 from the University of Illinois at Urbana – Champaign. Subsequently, he was awarded a two-year post-doctoral fellowship by the Natural Sciences and Engineering Research Council of Canada. His research focuses on the special functions of classical analysis, number theory and mathematical physics.



Alan Cobo-Lewis, Assistant Professor of Interdisciplinary Studies

Cobo-Lewis received his Ph.D. in psychology from the University of Wisconsin. Most of his research focuses on sensation and perception (especially motion and 3-D vision) and on the application of mathematics to measurement problems in psychology.



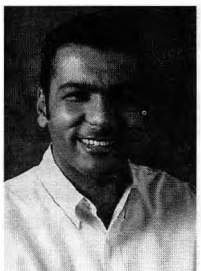
Joseph DiNapoli, Lecturer/Staff Speech-Language Pathologist

DiNapoli received a master's degree in speech pathology from Columbia University, and a Certificate of Advanced Graduate Studies in neurobehavior from Boston University. He has more than 20 years of experience as a clinical speech-language pathologist and staff manager, and holds dual specialties in adult neurogenic cognitive-communicative disorders and child language disorders. He comes to the Department of Communication Sciences and Disorders faculty after several years as an adjunct instructor.



Brian Frederick, Assistant Professor of Chemistry

Frederick received his Ph.D. in physical chemistry from Cornell University in the area of oxide surface chemistry and physics. As a research associate at the Interdisciplinary Research Centre for Surface Science, University of Liverpool, England, he focused on the role of intermolecular and molecule substrate interactions in controlling the ordering of complex adsorbates. He is associated with the Laboratory for Surface Science and Technology and will be teaching physical chemistry.



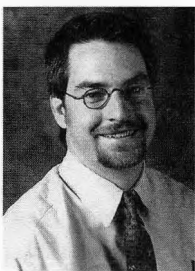
Carlos Islam, IEI Lecturer/Program Development Specialist

Islam holds a master's degree in International Studies and Second Language Materials Development from United Kingdom universities. He has taught English as a Foreign/Second Language in Spain, the United Kingdom and Japan. At UMaine, he would like to continue research into second language acquisition and to write learning materials for publication.



Leslie King, Assistant Professor of Sociology

King recently completed her Ph.D. at the University of Illinois Urbana – Champaign. Her research interests are in population studies, especially government efforts to regulate fertility. Courses she is teaching include Introduction to Sociology, Population and Society, Globalization, and Race and Ethnicity.



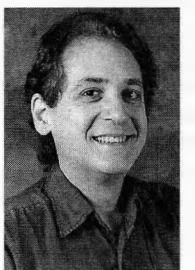
Brooke Knight, Assistant Professor of Art

Knight received his Master of Fine Arts in photography from the California Institute of the Arts in 1995. He is teaching digital art in the Department of Art and heads the Multimedia Minor. Previously, he was the director of computer art and photography at West Texas A & M University. Knight has been studying pedagogical issues in the constantly evolving field of digital art, and is interested in using the computer as a tool for cross-disciplinary interactions.



Leslie Liedel, Visiting Assistant Professor of History

Liedel holds a Ph.D. in history from Kent State University. Her research focuses on nineteenth-century American Catholic nuns. Liedel is teaching in the areas of the history of American social reform movements and American religious history.



Phillip Silver, Instructor of Music

Silver received a B.M.A. from the University of Washington for research on the life and music of Ignaz Moscheles. He also holds a B.M. and M.M. from the New England Conservatory of Music. Most recently, he has been a member of the faculty of the Royal Scottish Academy & Drama and Glasgow University in Scotland. Silver is also an active chamber music pianist who regularly performs throughout Europe and the United Kingdom. He has recorded two CDs for Koch/Schwann in Germany.



Carl Tripp, Associate Professor of Chemistry

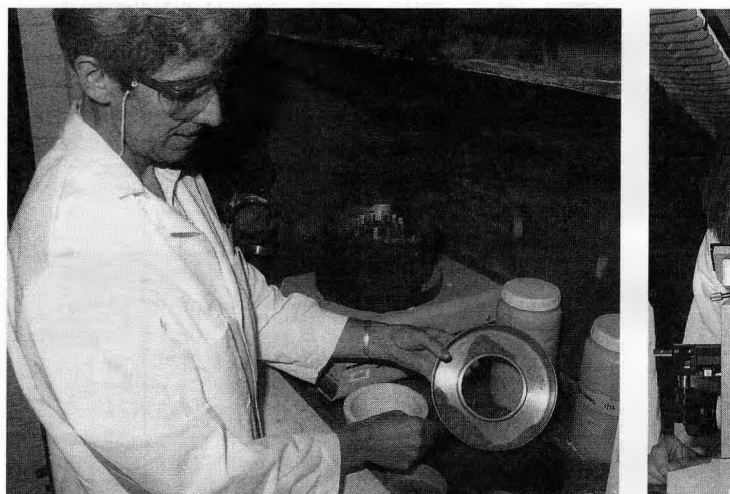
Tripp received his Ph.D. in chemistry from the University of Ottawa. He has 12 years of industrial experience working at the Xerox Research Centre of Canada and Bomem Inc. His research interests are in the areas of surface chemistry and spectroscopy. Tripp is a member of the Laboratory for Surface Science Technology.



Janet Warner-Ashley, Instructor of Theatre

Warner-Ashley received her M.A. from the University of Maine. She has devoted most of her adult life to being a freelance director, choreographer and workshop teacher. She also performs a solo mime show. Warner-Ashley is teaching Masterpieces of Theatre, Acting and Voice for the Actor, and directing the second show in the Maine Masque Season, *Hay Fever*, by Noel Coward.

Breakthroughs in Cod and Haddock Research



Editor's Note: On Tuesday, Nov. 3, people in Maine will be asked to vote on a bond issue question: "Do you favor a \$20,000,000 bond issue to improve the Maine economy by supporting innovative research and development of businesses and nonprofit and educational institutions in the fields of biotechnology, computers and other information technology, aquaculture and marine technology, forestry and agriculture, and advanced materials?"

Passage of the bond issue will earmark \$13.5 million for the University of Maine System for capital improvements and equipment purchases to support research and development in marine biotechnology, software engineering and development, advanced technologies for forestry and agriculture, biotechnology, and advanced materials engineering and development.

In a five-part series, Public Affairs Science Writer Nick Houtman looks at the areas of research and development that would be affected by the bond issue. The series continues with a look at aquaculture.

Two years ago, a University of Maine professor's success in raising cod increased the chances that an aquaculture-based cod hatchery could be developed. That breakthrough was made by Linda Kling and her students in the School of Marine Sciences, and they are now working with Canadian researchers to repeat that success with haddock.

Their research efforts have increased the percentage of larval fish that have survived to the juvenile stage. Work is continuing this fall on the fine points of haddock nutritional requirements.

"Last spring, we reached our goal of raising 8,000 haddock from eggs to juveniles at the Aquaculture Research Center at UMaine," says Kling. "By manipulating

factors such as water temperature, light and water motion, we were more successful than we had been before."

Kling's student team includes undergraduates Ben Cole of Atkinson, (Animal Sciences); Eric Jefts of Old Town (Natural Resources Program); Trevor Davis of Orono (Aquaculture Program, School of Marine Sciences); Kate Morrison of Poland, Maine (Aquaculture); Charles Ingalls of Bucks Harbor (Aquaculture); and Henry Anderson of Orogen, Mass. (Aquaculture).

The haddock project goes back to 1996 when, in the wake of the cod announcement, Kling was asked to consult with researchers in New Brunswick. The provincial government was supporting efforts to raise haddock, but the results had been disappointing. Kling visited the laboratory at Shippagan and shared results from her own work on cod.

The following year, Kling received haddock eggs from the Canadian lab, and both facilities improved their success rates. They also identified a major hurdle.

"We were understanding more about the requirements of haddock all the time, but it became clear that we were both coming up against the same problem — how to wean the larval fish off a live feed and onto an inert diet. The live feed is just too expensive for an aquaculture operation," Kling explains.

In 1998, the Canadian program got another push forward when the aquaculture company, Connors Brothers, became a partner. The company received a grant to build a haddock hatchery for research in Halifax, Nova Scotia. The work was subcontracted to the National Research Council of the Canadian federal government.

The facility has the capacity to raise 50,000–100,000 juvenile fish, and Connors Brothers also has about 17,000 juvenile haddock in net pens. Kling is the only

American scientist on the haddock program advisory group.

"The Canadian program is an aggressive effort," Kling says. "New Brunswick has assigned a staff person to coordinate it, and each of the scientists involved is expected to issue project reports. There have been four face-to-face meetings among the scientists, and another was held in September."

Work is also proceeding in Kling's lab at UMaine with funding from the Sea Grant College Program. "Our research earlier this year shows that we can't wean haddock from live feed as early as cod, but we're not sure why that is," she says.

Federal, State to the

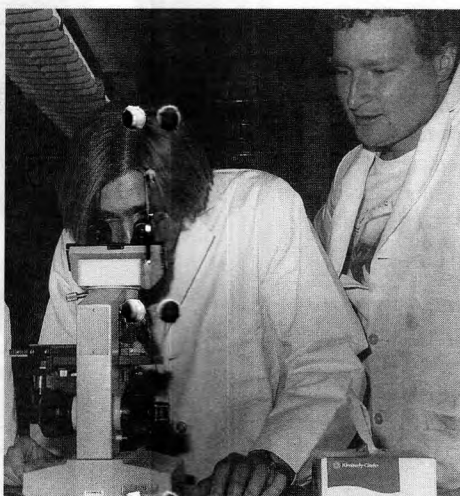
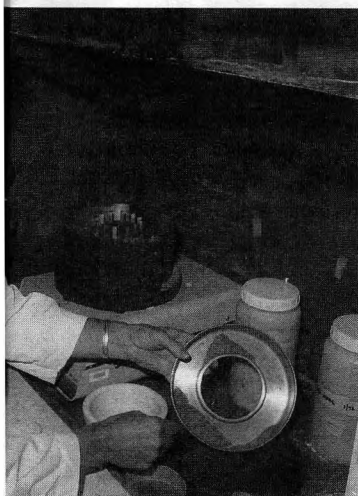
A \$1.17 million federal grant awarded to the University of Maine's aquaculture facilities is bringing new faculty to the state facilities. The funds were provided by the additional support from the State of Maine Science and Technology Foundation.

According to Bruce Barber, associate professor of Marine Sciences, six new faculty have been hired. Lorie Hunt Von Herbing, arrived at UMaine five are expected to assume their posts this fall.

▼ Eric Anderson, a pathogenic microbiologist at the Northwest Fisheries Research Center and Pathobiology at the University of Washington, will be joining the Department of Biochemistry, Microbiology and Immunology.

▼ Carol Kim, a specialist in fish diseases at Oregon State University, in the Department of Microbiology and Molecular Biology.

▼ Mark Wells, a chemical oceanographer at the University of California, Santa Cruz, with expertise in toxicology and harmful algae blooms, in the Department of Chemistry.



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Her research subjects are about 5,400 juvenile haddock kept in tanks in the basement of UMaine's Aquaculture Research Center. Eventually all the fish will be transferred to net pens at Island Aquaculture on Swan's Island where their growth will be monitored throughout the year.

For the next six weeks, Kling and her students will study the fine points of haddock nutrition. Protein content and cost of the diet are two of the most important considerations. They are using soymeal as the protein source because it costs less than fish meal.

Kling expects to continue her work on haddock and is preparing a proposal for the Northeast Regional Aquaculture Center to work with scientists at MIT and Boston Aquaculture Company. ▲

Photos above, left to right, UMaine researcher Linda Kling mixes test feed for haddock; first-year student Chad Callan of New Jersey and Ph.D. candidate Bradd Baskerville-Bridges of Santa Cruz in the lab; Richard Dill of Veazie and Jacqueline Hunter of Old Town, research technicians in the fisheries and aquaculture building, prepare to weigh haddock as part of fish feeding experiments. Photos by Nick Houtman

Federal, State Funding Brings New Faculty to the School of Marine Sciences

A \$1.17 million federal grant awarded in 1997 to expand the University of Maine's aquaculture program is bringing new faculty to the state and upgrading critical facilities. The funds were provided by the EPSCoR program with additional support from the State of Maine through the Maine Science and Technology Foundation.

According to Bruce Barber, associate professor in the School of Marine Sciences, six new faculty have been hired. One of them, Ione Hunt Von Herbing, arrived at UMaine in 1997, and the other five are expected to assume their posts this fall. They are:

▼ Eric Anderson, a pathogenic microbiologist from the Northwest Fisheries Research Center and Department of Pathobiology at the University of Washington in Seattle, in the Department of Biochemistry, Microbiology and Molecular Biology.

▼ Carol Kim, a specialist in fish diseases and vaccines from Oregon State University, in the Department of Biochemistry, Microbiology and Molecular Biology.

▼ Mark Wells, a chemical oceanographer from the University of California, Santa Cruz, with expertise in trace metals, colloid chemistry and harmful algae blooms, in the School of Marine Sciences.

▼ Paul Rawson, Quantitative Genetics of Marine Organisms, Scripps Institution of Oceanography, University of California, San Diego, in the School of Marine Sciences.

▼ Sara Lindsay, Ecology and Sensory Physiology of Marine Invertebrates, Scripps Institution of Oceanography, in the School of Marine Sciences.

"Each of these new faculty members brings expertise which is important to Maine's marine and aquaculture industries," says Barber.

In addition, EPSCoR and state funds have been used to improve a fish isolation unit for disease detection and treatment research in Hitchner Hall. That facility has three recirculating water systems and tanks to conduct studies on fish diseases, such as infectious salmon anemia.

Plans are also being made to add space at the flowing seawater laboratory at the Darling Marine Center in Walpole. That facility will be used to raise and maintain broodstock for studies with new species.

"Right now, our researchers get their supplies of eggs or larval fish from labs elsewhere," says Barber. "This addition will give us the ability to maintain our own stocks of flounder, haddock or other species. It could also serve as an incubator for industry."



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Crab Meat School Aids Down East Economy

It was called the Crab Meat School. The classrooms were in Down East communities, and the students came to keep a Maine tradition alive.

The teachers included two experts, Alfred Bushway of the Department of Food Science and Human Nutrition, and Jerry Bishop of the Maine Department of Agriculture, Food and Rural Resources. Amr Ishmail, a Washington County business owner and former UMaine faculty member, was the coordinator.

In four sessions conducted in September, Bushway and Bishop talked about the new federal regulations which cover their product to the people who boil and pick most of Maine's yearly harvest of crabs. This small industry has been an economic staple for many years, but complying with the new rules can be confusing and expensive for small, home-based businesses.

Crab processors are a significant part of the Down East economy. For example, in the Beals Island and Jonesport area alone, there are 86 licensed processors. The large majority of these processors are women who work in their homes, notes Ishmail. There are about 350 licensed processors in Maine, and about one-third of them attended the Crab Meat School.

The curriculum covered the seven principles of HACCP, or Hazard Analysis Critical Control Point, a federal program to ensure food safety. Funding for the sessions was provided by the Sunrise County Economic Development Council.

"I've bought crab meat from these processors for years," says Bushway. "It's a great product. Our efforts were geared to help them understand and comply with the federal rules on food safety.

"There are three major areas of concern. Bacterial contamination is the first. It could come from many environmental sources including water, animals or soil. Poor personal hygiene practices can also lead to contamination. Cooked crab meat is an excellent medium for bacterial growth. It is high in moisture, proteins, vitamins and minerals and has a pH close to 7.0. And finally, people tend to eat crab meat without reheating."

Bushway's expertise in food safety stems from his research on food microbiology, as well as his frequent consultation with food processors. He fields 50 to 60 calls per week about product reviews for everything from pickles to jams and jellies. He trains his students to perform analytical techniques for criteria ranging from acidity to soluble solids and a screen for human pathogens.

In Bushway's courses, he covers new pathogens, as well as sanitary food processing methods.

For crab processors, the State conducts inspections and provides low-interest loans for modifications to stay in compliance with federal regulations. ▲

Funding Brings New Faculty to School of Marine Sciences

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▼ Paul Rawson, Quantitative Genetics of Marine Organisms, Scripps Institution of Oceanography, University of California, San Diego, in the School of Marine Sciences.

▼ Sara Lindsay, Ecology and Sensory Physiology of Marine Invertebrates, Scripps Institution of Oceanography, in the School of Marine Sciences.

"Each of these new faculty members brings expertise which is important to Maine's marine and aquaculture industries," says Barber.

In addition, EPSCoR and state funds have been used to improve a fish isolation unit for disease detection and treatment research in Hitchner Hall. That facility has three recirculating water systems and tanks to conduct studies on fish diseases, such as infectious salmon anemia.

Plans are also being made to add space at the flowing seawater laboratory at the Darling Marine Center in Walpole. That facility will be used to raise and maintain broodstock for studies with new species.

"Right now, our researchers get their supplies of eggs or larval fish from labs elsewhere," says Barber. "This addition will give us the ability to maintain our own stocks of flounder, haddock or other species. It could also serve as an incubator for industry."

Another Maine Writer Gets a Start at UMaine

Seven a.m. Thursday. A downtown bus station. A family drama unfolds as loved ones struggle with their emotional baggage for the pending departure.

Beth Round is taking mental notes.

"It was the most entertaining thing I've seen in a long time," says Round as she remembers the scene. "In situations like that, people come up with the most incredible things to say that aren't what they really mean. These people were willing to expose their lives to the world but ironically couldn't talk to each other. I could spend hours writing and not come up with anything that good. A story that funny and sad – the way people are – I had to get it down on paper.

"I remember thinking that if I can't do something with what I just saw, I can't call myself a writer."

Round, a graduate student in English, captures portraits of people. In her short works of fiction or in her large-scale works of art in pastels and charcoal, Round shows us people few take time to see. The mirror she provides changes our depth of perception – and perspective.



Beth Round

Graduate Student Focus

"She sees people in the round almost right away," says Professor of English Constance Hunting. "I'm publishing a story of hers in an upcoming (*Puckerbrush*) *Review* called 'Beauty School.' The characters in that are observed as though she has a special lens. While economical in description, Beth gets to the salient points immediately. We can see the person she describes and know that that's just how that person would behave. We feel the authenticity of her wide variety of characters. That's called talent."

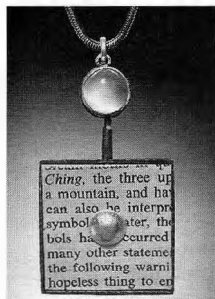
Wherever she goes, Round is observing people. Notes from her ongoing vigil are logged in 2-by-3-inch handmade notebooks, on the handiest scraps of paper or discarded envelopes. Close

friends who telephone her have learned to ignore the constant clicking of computer keys in the background, knowing that Round's muse is often strangely strongest during such conversations.

These days as writer and artist, Round is in non-stop pursuit of "the way to express ideas, images, people, dialogue – desperately looking for a way to get it right."

continued on page 19

Gallery Glimpses



"Mountain" pendant: sterling, 24k gold, text and moonstone. J.E. Paterak, 1997

New Faces at the Museum of Art

The University of Maine Museum of Art presents the works of four members of the Maine Crafts Association. The exhibition in the Carnegie Gallery of the Museum of Art runs from Oct. 9–Nov. 21.

Maine Crafts Association: New Faces, organized by the Museum of Art, focuses on recent work from four members of the venerable Maine Crafts Association, a crafts advocacy group founded in 1983 for the benefit and education of Maine craftspeople. Participants in the exhibition were selected from recommendations of recognized craftspeople in the state. The

four artists represented are: Rachel Alvarez, a metalsmith from Portland; Susan Dewsnap, a ceramist from South Portland; J.E. Paterak, a metalsmith from Portland; and Brent Williams, a metalsmith from Portland.

Also in Carnegie Hall, a concurrent exhibit will be on display in the 1938 Gallery. *Douglas Higgins: Paintings on Paper* was organized by the Museum of Art. The exhibition features recent paintings on paper and vellum by Florida artist Douglas Higgins.

In Higgins' recent paintings, resplendent surfaces combine with gesture, correction and abstracted forms. The abstraction slows down the perception of the diminutive paintings; calligraphic references give the works a sense of age, which the

painting process and surfaces continually support. Typographic elements almost rise to the recognizable level only to be absorbed by the vertiginous surface of paint, charcoal and oil marker.

An opening reception for both exhibitions will be held from 5–7p.m., Friday, Oct. 9.

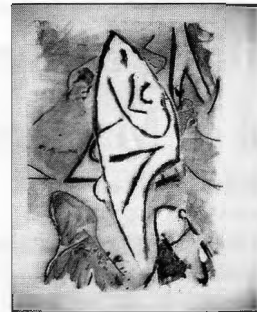
Glimpses of Native American Life in Bronze

This academic year, the Hudson Museum explores the history and culture of Northeast Native American tribes as depicted in bronze sculptures by Jud Hartmann.

An exhibit, *Woodland Tribes of the Northeast: Jud Hartmann Bronzes*, is on display through May 16. It features 13 bronze busts and figures of individuals and life scenes of Native American society, focusing on the 17th and 18th centuries. The centerpiece of the exhibit is a 12-foot-tall, 700-pound statue of a Native American lacrosse player.

The images in bronze are intended to evoke the lifestyles of these tribes, particularly the Iroquois, according to Hartmann. Works with names such as *Mohican*, *Dances in the Wind* and *He Hunts the Spirit World* are based on historical research.

The bronzes are on loan from the Jud Hartmann Gallery and Sculpture Studio in Blue Hill.



Untitled, 1998, mixed media. Douglas Higgins

Look Who's On Campus



Author and National Public Radio senior correspondent **JACKI LYDEN** will keynote Mental Illness Awareness Week with a lecture at 7 p.m., Monday, Oct. 5, Bodwell Area, on "What to Do When Your Mother Becomes the Queen of Sheba." Lyden is the author of *The Daughter of the Queen of Sheba*, exploring the impact her mother's manic depression had on her and her family. *Entertainment Weekly* cited her book as one of the best in 1997.



Shibles Distinguished Visiting Professor and leading education and social reformer **DR. JAMES COMER** will lecture on Tuesday, Oct. 6. Comer will speak at 11 a.m., 100 Corbett Business Building, on "Mobilizing the Caring Majority." At 4 p.m., Sutton Lounge, he will speak on "The Preventative Nature of School." Comer is the Maurice Falk Professor of Child Psychiatry at the Yale University Child Study Center and associate dean of Yale Medical School. He designed/directed the innovative

School Development Program, adopted by more than 650 schools in 28 states. His latest book is *Waiting For A Miracle: Why Schools Can't Solve Our Problems and How We Can*.

HARVEY WEISS, professor of Near Eastern archaeology at Yale University, will speak at 3:30 p.m., Tuesday, Oct. 6 on "Abrupt Climate Change and the Collapse of West Asian Civilizations." Weiss' research includes West Asia, 8th-1st millennium, and the reconstruction of social history. He has conducted archaeological fieldwork in Iran and Syria, and since 1978 has directed the Tell Leilan Project of northern Mesopotamia. His books include *Third Millennium B.C. Climate Change and Old World Collapse*.

BARBARA HAYES-ROTH, director of the Adaptive Agents Project at Stanford University, will give a talk, "Staffing the Web with Interactive Characters," at 7 p.m., Tuesday, Oct. 6, 115 Corbett Business Building, and a technical lecture Wednesday, Oct. 7, "Building Interactive Characters." Hayes-Roth is known for her work in artificial intelligence (AI), intelligent agents and interactive characters. She chaired the National AI Conference in 1994 and the First International Conference on Intelligent Agents in 1997. In 1997, she was honored for her invention of "Imp Character Technology" in the *Discover Magazine* Awards for Technology Innovation. In 1995, Hayes-Roth founded Extempo Systems Inc.

LINDA BIRNBAUM, acting associate director for Health, National Health and Environmental Effects Research Laboratory, U.S. Environmental Protection Agency, will give a Staples Seminar in Biochemistry, 3:10 p.m., Wednesday, Oct. 7, 102 Murray Hall, on "Risk Characterization of Dioxin." Approximately 40 scientists at Birnbaum's EPA laboratory in North Carolina are studying endocrine disruption. She has long been interested in chemicals that affect hormone systems. Her expertise is in studying dioxin and PCBs (polychlorinated biphenyls), both very potent at disrupting hormones.

Request for Proposals

THE UNIVERSITY OF MAINE - UNIVERSITY OF NEW BRUNSWICK EXCHANGE PROGRAM

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

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

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

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

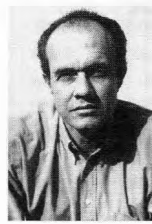


Photo by Yto Barrada

Journalist **HECTOR FELICIANO** will give a Minsky Family Fund for Judaic Studies lecture on "The Lost Museum - The Nazi Conspiracy to Steal the World's Greatest Works of Art" at 7:30 p.m., Wednesday, Oct. 14, 100 Corbett Business Building. For his most recent book, *The Lost Museum - The Nazi Conspiracy to Steal the World's Greatest Works of Art*, Feliciano spent more than seven years tracking the story of the Nazi art pillaging, tracing the fate of more than 100,000 looted artworks. Since the publication of *The Lost Museum*, families in the U.S. and Europe have resumed their claims, initiating a global debate among governments, museums, art dealers and collectors. Feliciano's a former cultural writer for the *Washington Post* and *Los Angeles Times*. In 1996, he became editor-in-chief of World Media Network, a European newspaper syndicate.

The Maine Center for the Arts season continues with performances by **NATIONAL ACROBATS OF CHINA**, 7 p.m., Tuesday, Oct. 6; **TALES OF A 4TH GRADE NOTHING**, the Kennedy Center's "Imagination Celebration on Tour" dramatization of the children's book by Judy Blume, 7 p.m., Thursday, Oct. 8; **FIDDLER ON THE ROOF**, the 35th anniversary production of the Tony award winning musical, 7 p.m., Tuesday, Oct. 13; **ONDEKOZA**, the "Demon Drummers of Japan," 7 p.m., Thursday, Oct. 15; and **SCRAPING THE SURFACE**, with actor/writer Lyle Victor Albert, 8 p.m., Saturday, Oct. 17.

We Remember



Edgar McKay

Edgar McKay died Sept. 6 at his daughter's home in Wolfville, Nova Scotia, at the age of 95.

A faculty member at UMaine from 1949-1973, McKay was co-founder, with Alice Stewart, of the Canadian-American Center in 1969, and the Center's first director. Although born in South Boston and educated at Winslow

High School and Colby College, McKay was the son of Nova Scotian parents and saw the province as his spiritual home. He spent his early childhood in Bear River, Nova Scotia, attending the local school and living with his grandparents, while his widowed mother made a living in Boston. Related to many people in the small community, he maintained the link to Bear River throughout his life, spending most summers there, usually fly fishing on the trout streams that flow into the Bear River.

Between 1961 and 1967, McKay was involved as a consultant for a study of psychiatric disorder and sociocultural environment in Digby County, Nova Scotia, undertaken by Harvard University School of Public Health. Much of the social and economic material that he collected on Bear River as background for the Harvard study was used later in an illustrated book on the town, published by UMaine's Northeast Archives. The book contains much oral information gathered by McKay during the 1950s that would otherwise have been lost, as well as a remarkable series of views of the town and farm life that he secured from a local photographer. The pictures are among the finest surviving of a rural community in early twentieth-century Nova Scotia. For his championing of the study of Canada, McKay was awarded the Donner Medal for Canadian Studies from the Donner Foundation in 1973.

Apart from his work at the Center, McKay was chair of the Modern Society Program at the University, and committed to the idea that students should have a general education. McKay will be remembered as one of the founders of Canadian Studies in the United States, an educator, a talented photographer, and a great outdoorsman and fly fisherman. A fund to send UMaine students to study in Canada has been set up at the Canadian-American Center in memory of Edgar and his late wife, Ruth.

V O L U M E S

Recent Works by University of Maine Authors

Memories of a Maine Island: Turn-of-the-Century Tales & Photographs By Marie Locke and Nancy Montgomery (Northeast Folklife, Vol. XXXIII 1998)

Life at the turn of the century on Little Cranberry Island is chronicled in a new book published by the University's Maine Folklife Center.

Memories of a Maine Island, by Portland residents Marie Locke and Nancy Montgomery, features the antique photographs of F.W. Morse and the vivid memories of his daughter, Irene Morse Bartlett, former longtime town clerk of the Cranberry Isles.

The book is the latest installment in the Folklife Center's Northeast Folklore series, which for three decades has highlighted the rich heritage of Maine and the Maritime provinces.

Locke, granddaughter of Irene Morse Bartlett, drew inspiration for the book three years ago. While sifting through her grandmother's attic, she found dozens of glass plate negatives from Morse, her great-grandfather, who made his living on Little Cranberry Island as a photographer, actor, painter, farmer, carpenter, blacksmith and storekeeper.

Bartlett's tales of growing up on a small Maine island in the early 1900s are the basis for the book's text. Bartlett still lives on Little Cranberry Island in her great-grandparents' house with her daughter, Francis.

Memories of a Maine Island is published by the Maine Folklife Center's Northeast Archives of Folklore and Oral History, one of the country's strongest collections of regional folklife.

Parents Find Help and Support in ACC Directory

Gary Schilmoeller, associate professor of child development and family relations, and Kathy Schilmoeller, adjunct assistant professor of human development, both in the College of Education and Human Development, first published *Directory of Families with Children Who Have Agenesis of the Corpus Callosum* in 1990. The directory came five years after their son, Matthew, was diagnosed with the rare congenital abnormality involving a partial or complete absence of the part of the brain made up of transverse fibers that connect the two cerebral hemispheres.

The first directory, containing entries for 45 people with ACC from the U.S., Canada and Puerto Rico, was an effort to learn more about the rare disorder. Since then, the directory has been updated and the ACC Network formed.

Earlier this year, the newest *ACC Directory* was published by the Schilmoellers. It is designed to be an informational tool for those wanting to learn more about individuals with ACC and related conditions. The intended audience includes people with these conditions, their families and the professionals who work with them.

The directory contains 465 entries from around the world for individuals ages 4 months to 45 years who have ACC. Descriptions of physical and behavioral characteristics aid in understanding the day-to-day experiences of individuals with these conditions. The addition of adults in this updated directory "help us understand what the future may hold for the children," according to the Schilmoellers.

Landscape *continued from page 1*

faculty. The Robert and Catherine Barrett Landscape Horticulture Fund in Memory of Beatrix Farrand will fund an undergraduate internship and two graduate student projects in landscape horticulture.

One project is devoted to researching plant materials at Reef Point, then locating, propagating

and placing the materials in collections at the University's Lyle E. Littlefield Ornamentals Trial Gardens and at Atlantique. A second project will research Ferrand's design evolution – from the history of the plants she used and how they were brought to Reef Point to Ferrand's use of plants and artificial architectural site elements.

This semester, Mitchell and students in an undergraduate class are focusing on historical landscapes. They are visiting Reef Point and Atlantique to develop case studies and portfolios on the evolution of the Ferrand's landscape design process.

The hope is to involve as many UMaine graduates of the Landscape Horticulture Program as possible in the multi-year project. "This will provide a unique opportunity for students in the program and alumni to get together," says Mitchell. "In this project, students will be working hand-to-hand with some of our internationally known alumni – from design to installation."

Two of the state's leading horticulturists were on the UMaine faculty and worked with Farrand, who has been called the First Lady of Gardening. Lyle Littlefield, namesake of UMaine's Ornamentals Trial Gardens, and Fay Hyland, for whom the Arboretum is named, were involved in Reef Point as consultants and trustees. A Beatrix J. Farrand Collection, expected to be established at UMaine, will include a rare slide collection developed by Littlefield of Reef Point.

"At Reef Point, Farrand established a research garden for the trials of plant materials that would be hardy in the Maine environment, but it also was a designed ornamental garden," says Mitchell. "Littlefield knew her well and built on her legacy, founding hardy plant trial gardens here that developed a national reputation. Farrand's other legacy is in being the first woman landscape architect at a time the profession was organizing. Women in our program have a real role model in Farrand as a horticultural pioneer."

Now the Barretts are ensuring that the legacy of one of Maine's best-known landscape gardeners is even more firmly linked to the state's land-grant university. Catherine Barrett is the former fashion editor of *Town & Country Magazine* and a former television producer; Robert Barrett is an attorney who recently retired after a 25-year career in banking and finance. He is a Bangor native whose father was a well-known physician and whose mother earned a master's degree in education from UMaine. Mr. Barrett's first job was at Fogler Library. He counts his election as Dirigo Boys' State Governor on campus in 1961 and visits to the Littlefield Ornamentals Gardens among his favorite UMaine memories.

"The University of Maine has meant a lot to me and to my family, and I wanted to give something back," he says. "This gift allows us to contribute simultaneously to the University and to Bar Harbor, and to help in the effort to preserve the genius of Beatrix Farrand for future generations to enjoy." ▲



Left to right, William Mitchell, and Catherine and Robert Barrett. Photo by Michele Stapleton

Kim Oller, professor, communication sciences and disorders, published the following – Oller, S. Levine, **R. Eilers**, and B. Pearson: "Vocal Precursors to Linguistic Communication: How Babbling Is Connected to Meaningful Speech," in R. Paul (Ed.), *The Speech-Language Connection*, Baltimore: Paul Brookes, Pub. (1998); Oller, **A. Cobo-Lewis** and Eilers:

"Phonological Translation in Monolingual and Bilingual Children," *Applied Psycholinguistics*, 19:259-278 (1998); Oller, Pearson, V. Umbel, M. Fernandez and A. Navarro: "Educational Implications of Early Bilingualism: A Review of Recent Results from Miami," ERIC Clearinghouse on Language and Linguistics, ED 408 843.

Daniel Sandweiss, assistant professor of anthropology and quaternary studies, **Heather McInnis**, quaternary studies grad student, Richard Burger, Asunción Cano, Bernardino Ojeda, Rolando Paredes, **María del Carmen Sandweiss**, instructor of Spanish, and Michael Glascock: "Quebrada Jaguay: Early South American Maritime Adaptations," *Science* 281:1830-1832 (1998).

Gerald Work, professor of education, and **Todd Drew**, former graduate student: "Gender-based Differences in Perception of Experiences in Higher Education," *Journal of Higher Education*, 69:5 (September/October 1998).

Sergey Lvin, lecturer of mathematics: "Approximation by Analytic and Harmonic Functions, Incompressible Vector Fields, and Temperature Distributions," *Journal of Mathematical Analysis and Applications*, 225:652-659 (1998).

David Lytle, former graduate assistant, and **Christopher Cronan**, professor of plant biology and ecology: "Comparative Soil Carbon Dioxide Evolution, Litter Decay, and Root Dynamics in Clearcut and Uncut Spruce-Fir Forest," *Forest Ecology and Management*, 103: 121-128 (1998).

Howard Patterson, professor of chemistry, along with Hartmut Yersin and graduate students Dietrich Trumbach and Johann Strasser, Institut für Physikalische und Theoretische Chemie, Universität Regensburg, Regensburg, Germany; and **Zerihun Assefa**, former Ph.D. student in chemistry and now a permanent staff member at Oak Ridge National Laboratory: "Tunable Radiationless Energy Transfer in $\text{Eu}[\text{Au}(\text{CN})_2]_3 \cdot 3\text{H}_2\text{O}$ by High Pressure," *Inorganic Chemistry*, 37:3209-216 (1998).

Pushpa Gupta and **Ramesh Gupta**, professors, Department of Mathematics and Statistics, co-authored with R.C. Tripathi of University of Texas at San Antonio: "On the Monotonic Properties of Discrete Failure Rates," *Journal of Statistical Planning and Inference*, 65:255-68 (1997).

Janice Zeman, associate professor of psychology, and **Kimberly Shipman**, former Ph.D. graduate student in psychology and now on a post-doctoral fellowship at the University of Denver: "Influence of Social Context on Children's Affect Regulation: A Functional Perspective," *Journal of Nonverbal Behavior*, 22:141-66.

Ione Hunt von Herbing, assistant professor; **Irv Komfield**, professor; **Mark Tupper**, former research associate research professor; and **Jim Wilson**, professor, all of the School of Marine Sciences, edited: "The Implications of Localized Fishery Stocks," *NRAES*, Ithaca, N.Y.

Book Ends

New & Noteworthy at the University Bookstore

Tomcat in Love, **Tim O'Brien** (Broadway Books 1998). Thomas Chippering, a.k.a. Tomcat, is a professor of linguistics, deluded about his ability to charm women and obsessed with trying to win the heart of literally every woman he meets. He is by no means an appealing character, he is a pompous bore, full of old grudges and bent on revenge. Acclaimed for his fiction about the Vietnam War, O'Brien has lightened up considerably with *Tomcat in Love*, taking on the battle between the sexes with astonishing results, and even poking a little fun at the Vietnam War.

The Fisherman's Son, **Michael Koepf** (Broadway Books 1998). A powerful story of the sea, *The Fisherman's Son* gives us a glimpse into the life of men and women who make a living on the sea. Battles over catches, the terror of boating accidents, drownings of friends and the struggles of families are vividly described in this story. Though set on the California coast, the struggles are similar to those of Mainer's whose lives and livelihood are the ocean.

Anne Frank: The Biography, **Melissa Muller** (Metropolitan Books 1998). Drawing on interviews with family and friends, on previously unavailable correspondence and secret documents, Melissa Muller provides the first biography of Anne Frank. This volume is honest in dealing with Frank's life, casting new light on her relationship with her Mother and solving the mystery of who betrayed the families in hiding. Anne Frank's diary is embedded in the minds of all who have read it, giving us a deeper understanding of the Holocaust. This new biography offers insight into what life was like during some of the most brutal times in our history.

In other Bookstore news –

▼ Christian Potholm, Bowdoin College professor and author of *An Insider's Guide to Maine Politics: 1946-1996* (Madison Books 1998), will be at the Bookstore to autograph copies of his book Friday, Oct. 23, 11:30 a.m.-12:30 p.m.

▼ Bonnie Bishop, illustrator of *Cats in the Dark* (Downeast Books 1998), will be signing copies of her book at the Bookstore Wednesday, Oct. 28, noon-1 p.m. Bishop is an artist and a graphic designer at the Hudson Museum.

Career Center Corner

Career Center, 3rd floor, Chadbourne Hall

▼ The Career Center has published its first edition of *Career Currents* with information about on-campus recruiting opportunities. *Career Currents* is available in the Career Center, Chadbourne Hall, in the Career Center's FirstClass Conference folder, or on the Career Center's website under "Recruiting and Jobs Bulletins" (<http://www.umeais.maine.edu/~career>). As of Sept. 18, 46 companies and organizations have scheduled fall recruiting visits to UMaine to interview students for full-time jobs upon graduation. Students should be encouraged to register with the Career Center and sign-up for these interviews immediately.

▼ Efforts are under way to reach out to first-year students and encourage them to come into the Career Center to begin their career exploration process. Staff members of the Career Center are working collaboratively with first-year seminars offered by the colleges, inviting classes to come to the Career Center for a tour and presentation about its many programs and services. So far, over 50 classes have scheduled Career Center tours and presentations.

▼ The Career Center offers assistance for students exploring graduate and professional school options. In addition to offering the latest graduate and professional school catalogues in its Career Lab, there is a graduate school component to the CHOICES computerized career guidance program, available for student use on any of the lab's computer workstations. Students can enter criteria regarding programs of study and quickly do a database search of graduate and/or professional school programs. A standard inquiry letter can be merged with the database of students' selected schools and customized letters (or e-mail inquiries) for prospective schools can be generated.

▼ Upcoming programs to help students considering graduate and professional school include:

Applying to Graduate School, a presentation by Scott Delcourt, Graduate School director, Tuesday, Oct. 20, 3:30 p.m., Bangor Lounge, Union.
Graduate & Professional School Fair, Wednesday, Oct. 28, Colby College.
All UMaine students are invited and encouraged to attend.

THURSDAY CLUB EXTENDS INVITATION TO UNIVERSITY COMMUNITY

Thursday Club is a campus-based support group for newcomers to the University community. Founded in 1911, Thursday Club began as a purely social group for faculty wives and female faculty. It once met only on Thursdays and was famous for teas at the University President's House. In recent years, the club also has worked to furnish textbook scholarships to selected non-traditional women students of the University.

Thursday Club meets four times a year to welcome newcomers and to renew acquaintances among women who have been members of this community. Meetings range from a welcoming reception to a fall outdoor outing, and winter and spring meetings featuring a wide-variety of speakers.

This year Thursday Club's October outing will be at Camp Roosevelt on Fitts Pond, the winter brunch will feature an ensemble from Bangor's Heritage Singers, and the April luncheon will include a speaker from the Eastern Maine Children's Museum. Any University-affiliated woman is eligible to join Thursday Club; men are also welcome to attend. For more information, call 581-6172.

Irv Kornfield, professor of zoology, presented a paper, "Color Pattern Variation in Zebra Cichlids of Lake Malawi," at the annual meetings of the Fisheries Society of the British Isles, Southampton, UK, July 16. With **Yan Kit Tam**, former zoology research associate, Kornfield presented: "Population Differentiation in the American Lobster,

Homarus americanus," at the Fourth International Crustacean Congress, Amsterdam, Netherlands, July 23. And on Aug. 26, Kornfield presented an invited paper, "Stock Assessment Using DNA Markers," at the 1998 American Fisheries Society Annual Meeting, Hartford, Conn.

Sandra Sigmon, associate professor of psychology, along with **Diana Dorhofer** and **Nina Boulard**, graduate students in psychology, presented a paper, "Menstrual Cycle Reactivity in Women with Panic Disorder," at the annual meeting of the American Psychological Association in San Francisco, Aug. 15. Another paper was also presented by Sigmon and Boulard at the same conference, "Psychological Home."

Professor of Art **Susan Groce** presented the following lectures and workshops, and participated in visiting artist positions: Nova Scotia College of Art and Design, Halifax, Nova Scotia, March 15-22, 1998; Camberwell College of Art, St. Martins Colleges, London, England, June 4, 1997; Duncan Jordanstone College of Art, Dundee University, Dundee, Scotland, May 20, 1997; Glasgow College of Art, Glasgow, Scotland, May 14, 1997; S.E.A.C.O.U.R.T. Print Workshop, Bangor, Northern Ireland, April 21-23, 1997; University of Ulster, Belfast, Northern Ireland, April 20, 1997; Edinburgh Printmakers Workshop, Edinburgh, Scotland, April 1, 1997; Grays School of Art, Robert Gordon University, Aberdeen, Scotland, March 10, 1997; Falmouth College of Art, Cornwall, England, Feb. 10, 1997; Sheffield-Hallam University, School of Cultural Studies, Sheffield, England, Feb. 4-5, 1997, Jan. 29-30, 1997, Oct. 22-23, 1996, Feb. 4, 1997; Peacock Printmakers, Aberdeen, Scotland, Jan. 16, 1997; Edinburgh College of Art, Edinburgh, Scotland, Postgraduate Department, Nov. 13-15, 1996.

Howard Patterson, professor of chemistry, and chemistry graduate students **Sofian Kanan** and **Manal Omary**, along with former Ph.D. chemistry graduate student and present Colby College chemistry instructor **Mohammad Omary**, attended the 216th American Chemical Society National Meeting in Boston, Aug. 23-27. The following papers were presented: "Kinetics and the Influence of Dissolved Organic Matter on the Photodecomposition of the Carbamate Pesticides Carbofuran, Carbaryl and Aldicarb," presented by Patterson and co-authored by **John Bachman**, former chemistry graduate student and now employed by the Great Lakes Environmental Center in Michigan, and Kanan, at a Division of Environmental Chemistry Symposium on Humic Substance-mediated Environmental Reactions; "Tunable Energy Transfer from Dicyano Gold(I) and Silver(I) Donors to Lanthanide Ion Acceptors," presented by Omary with co-authors Patterson and G.E. Shankle, San Angelo State in Texas; "Luminescent Silver-silver Bonded Excimers and Exciplexes in Dicyanoargentate(I) Ions Doped in Alkali Halide Crystals," presented by Omary and co-authored by Patterson. On Thursday morning, Patterson presided at a session of lanthanide and actinide chemistry and presented a paper: "Photoluminescence Study of Tunable Radiationless Energy Transfer in the Layered Solid, $\text{Eu}[\text{Au}(\text{CN})_2]_3 \cdot 3\text{H}_2\text{O}$ by Variation of Temperature and Pressure," co-authored by H. Yersin, D. Trumbach and J. Strasser, Universitat Regensburg, Regensburg, Germany, and Z. Assefa, Oak Ridge National Laboratories, Oak Ridge, Tenn.

Dorothy Klimis, associate professor of clinical nutrition, was guest speaker at the European Training Program in Microseparation Techniques (ECOSEPI) and the Hellenic Tissue Research Society, May 14-17, Patras, Greece, and presented "Manganese, Arterial Glycosaminoglycans and Cardiovascular Disease."

The following papers were presented at the Third International Aquatic Animal Health Symposium, Aug. 30-Sept. 3 in Baltimore:

Bruce Barber, associate professor of marine sciences: "Gonadal Neoplasms in Softshell Clams, *Mya arenaria*: A Summary of Knowledge"; **Maya Crosby**, graduate assistant, and Barber: A Bacteriological Study of Oysters, *Crassostrea virginica* and *Ostrea edulis*, in the Damariscotta River, Maine, USA."

Professor **William Bray**, mathematics, presented an invited lecture, "Geometric Transplantation Formulas for Spherical Functions," in the Special Session in Fourier Analysis, Regional Meeting of the American Mathematical Society, Chicago, Sept. 13.

Marisue Pickering, professor, communication sciences and disorders, attended the XXIVth World Congress of the International Association of Logopedics and Phoniatrics, Aug. 23-27, Amsterdam, Netherlands, where she presented a paper with Lindy McAllister of Charles Sturt University, Australia, on "Cross Cultural Interaction: An Essential Component in Speech-Language Pathology Clinical Education and Professional Development." Pickering also presented a poster with members of the Executive Committee of the IALP on "The International Affairs Association," and she was a delegate to the General Assembly on behalf of the American Speech-Language-Hearing Association.

Nancy Hall, assistant professor, communication sciences and disorders, attended the 19th Annual Symposium for Research in Child Language Disorders, June 4-6, Madison, Wis., where she had a poster presentation: "Disruptions in Preschool Children with Specific Language Impairment and Phonological Impairment."

Touradj Solouki, assistant professor of chemistry, attended the 216th American Chemical Society National Meeting in Boston, Aug. 23-27. He presented a paper, "Electrospray Ionization Fourier Transform Ion Cyclotron Resonance (FT-ICR) Mass Spectrometry of Fulvic Acids: Gas-Phase Probing of Aluminum-Fulvic Acid Complexation," co-authored by **A. Alomary**, (graduate student, Department of Chemistry) **H.H. Patterson** (professor, Department of Chemistry), **C.S. Cronan** (professor, graduate program in ecology and environmental science), and M.A. Freitas (postdoc., National High Magnetic Field Laboratory, Tallahassee) at a Division of Environmental Chemistry Symposium on Humic Substance-Mediated Environmental Reactions. In addition, Solouki presented this work at the society-wide Sci-Mix poster session Aug. 24. The Sci-Mix selection/invitation was extended to selected presenters within the program based on merit to highlight the importance of the presented work.

Professor **Dennis Cox**, music, conducted the Mozart *Mass in C major, K. 317* ("Coronation") in Carnegie Hall May 23. The 200-voice choir consisted of 70 University of Maine Singers (past and present), Cony High School Madrigal Singers (Augusta), Guilford High School Voices (Guilford, Conn.), United Church of Rowayton Choir and Brien McMahan Chamber Singers (Norwalk, Conn.) and the J.P. Stevens High School Chorus (Edison, N.J.). Soloists were Louisa Parks (soprano), Diane Elias (mezzo-soprano), Daniel Ebberts (tenor) and Mark Duer (baritone). The New England Symphonic Chamber Ensemble was the orchestra. In addition, Cox served as a choral clinician for the New York Festival of Music May 24 at West Essex High School Performing Arts Center, North Caldwell, N.J.

Ivan Manev, assistant professor of management, presented two papers at the Academy of Management Annual Meeting in San Diego: "Predictors of the Emergent Social Structure in a Multinational Enterprise," and "Sailing the Stormy Seas: Lessons for Organizational Change from the Post-Communist Transformation in Central and Eastern Europe" (co-authored with Tatiana Manolova of Boston University). In addition, Manev was a discussant for a symposium, "Managing in Transitional Economies: Chinese and Eastern European Experiences Compared and Contrasted." He also was among four finalists worldwide for the Barry Richman Best Dissertation Award in International Management and presented a summary of his research there. The title of the dissertation is "Keeping in Touch from Afar: Emergent Social Structure in a Multinational Organization," defended at Boston College in 1997 under the guidance of Professor William Stevenson.

Matthew Moen, professor & chair, Department of Political Science, and chair, Committee on Professional Ethics, Rights, and Freedoms, American Political Science Association, gave a talk on "Ethics in Political Science" to department chairs from around the nation, APSA Annual Meeting, Boston, Sept. 2-6. At the same conference, he chaired a panel on "Recent Research on the Christian Right."

Richard Blanke, professor of history, participated in the Fulbright summer seminar, "Deutschland und Mitteleuropa," June 13-July 4, in Bonn, Berlin, Leipzig and Dresden.

Guarantee *continued from page 1*

"There seems to be a false impression that you can't get through here in four years even if you do everything right," says Douglas Gelinias, vice provost for undergraduate education, whose office is responsible for the program's maintenance. "That's not true. This offer is one way to assure students that we know they can do it."

Gelinias says there are many reasons students take more than four years. In addition to their studies, many students have jobs and register for less than 15 credits a semester, the minimum number students need per semester to graduate in four years.

According to the Consortium for Student Retention Data Exchange, 26.5 percent of UMaine students graduated in four years, two percentage points above the 24.5 percent average of the 176 other public institutions participating in the consortium.

"This program is essentially a promise on the part of the University that if full-time students are doing well academically and intend to graduate on time, they will have access to the

courses they need to complete their degree in four years," Gelinias says.

The Degree Guarantee program is a partnership in which both the University and UMaine students accept responsibilities. Students must meet with their advisors every year to plan their schedules, beginning in the first year of study. They must also maintain a good academic standing and complete one quarter of their total degree requirements every year. If students choose to change a major or engage in special experiences such as foreign study, it might change the date at which they could expect to complete the degree.

In return, advisors will help students plan their schedules, and a degree audit at the end of their sophomore and junior years will track progress toward completion of all degree requirements.

If the student does everything right and is still unable to complete the program, UMaine will pay the tuition and course fees for any remaining needed courses. ▲

Media Spotlight

Sandweiss Making National, International Headlines

An article published in *Science* in September by Daniel Sandweiss, assistant professor of anthropology and quaternary studies, "Quebrada Jaguay: Early South American Maritime Adaptations," has led to a number of interviews with reporters from around the country, plus Canada and Chile. The article focuses on radiocarbon dating of charcoal samples from Quebrada Jaguay, an ancient settlement near the Peruvian coast. Sandweiss has been interviewed by the Associated Press (Washington, D.C. bureau), *U.S. News and World Report* and *Discovery News*. He has talked with reporters from *Science News*, the CBC's *Quirks and Quarks* program, National Public Radio and Voice of America. Interest has also come from the *New York Times* and a writer for *El Mercurio*, the main newspaper in Santiago, Chile. Stories on his work have appeared in the *Pittsburgh Tribune Review* and, in Portuguese in *Folha de Sao Paulo*, the major paper in Brazil. *Science* has

highlighted Sandweiss' article, and a companion piece by another team working at a similar site, with a link on its homepage: <http://science-mag.aaas.org/>

Hornsby in Los Angeles Times

Stephen Hornsby, Canadian Studies/Anthropology, was quoted in an article in a Sept. 2 *Los Angeles Times* story on the problem of transportation in Maine and the proposed East-West Highway. The article was reprinted in *The Buffalo News* Sept. 6.

Borns on National Public Radio

National Public Radio ran a story based on the international conference on the West Antarctic ice sheet, held Sept. 13-18 on campus. UMaine professor Hal Borns was interviewed for the NPR story. In addition, a *Boston Globe* reporter covered the conference, which was sponsored by the American Geophysical Union as one of its Chapman Conferences.

Mechanical Engineering Students in National Newsletter

The Mechanical Advantage, a national newsletter for mechanical engineering students, features a photo of two UMaine students, Karen Harvey and Nate Poulin, on its front page. The pair has been working with Professor Vince Caccese on a project to evaluate the strength of composite fiber bicycle frames made by Aegis Bicycles of Van Buren.

Maine Press Hall of Fame Noted in Christian Science Monitor

The Sept. 11 *Christian Science Monitor* included a story about the new Maine Press Hall of Fame, which will honor its members with displays in UMaine's Dunn Hall. The first five members include former *Monitor* editor Erwin Canham and John Gould, who has written for the paper since 1942. The late UMaine journalism professor Brooks Hamilton was also inducted.

UMaine Cited in USA Today

A *USA Today* feature on Stephen King Sept. 18 notes that the author and his wife, Tabitha, met while they were students at UMaine.

UMaine Cooperative Extension

Women in Agriculture

Across the state, networking is occurring among women in agriculture – those working full-time or part-time, on small or large farms, as sole operators or partners. As members of the newly formed Maine Women's Agriculture Network (Maine WAgN), the women farmers are joined by Extension educators, representatives in the state Department of Agriculture and others involved in agricultural initiatives.

The goal is to enable more women to own and operate profitable small farms and agricultural enterprises. To do this, Maine WAgN offers connections – education and guidance to develop a comprehensive business plan, funding to grow and develop an agricultural business, follow-up technical support, and integration into the existing agricultural community.

"Working in agriculture all these years, my observation is women haven't received their fair share of credit for the work done on the farm, even though they are running tractors, keeping the books and planting fields," says Vivianne Holmes, Cooperative Extension educator in Androscoggin/Sagadahoc Counties. "They also are not getting the support they need to move forward and increase their skills."

Maine's program is modeled after Vermont WAgN, and the hope is that it will one day expand into a New England project.

"In Vermont, women attending WAgN have strengthened their farms," says Holmes. "Even two states away, I've met some of these trained farmers who are vocal, articulate and who credit their new skills to WAgN."

The first public project of Maine WAgN is a forum on campus Tuesday, Oct. 20. The forum, from 10:30 a.m.-noon, will focus on the relationship between the University and Maine's part-time farmers or small farm operators. Topics will include UMaine's responsibilities to these farmers, educational programs for women and others operating small farms, and the effect of the state Board of Agriculture on UMaine's services to part-time farmers.

Among those expected to take part in the forum are Cooperative Extension Director Lavon Bartel, a co-founder of Vermont WAgN prior to coming to UMaine, and representatives of the College of Natural Sciences, Forestry and Agriculture.

The UMaine forum is one of three scheduled by Maine WAgN. Other forums are planned with representatives of the state Department of Agriculture and the legislature.

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

FOR SALE

AUTOMOBILE: 1985 Honda Accord, 5-speed, excellent condition, 173K, and my mechanic says it has at least 100K more to go. \$2,000. Call 947-5921.

FIREWOOD: 16" cut, split and delivered. \$100/cord; dry \$125/cord. Call 827-7091.

HOUSE: Spacious 4-BR, 3-level finished house in a quiet residential neighborhood in Orono. 4 bathrooms, large picture windows, and large backyard. Large LR, DR, play/family room, and eat-in kitchen. Complete set of appliances. 2 fireplaces in living and family rooms. Lots of built-in closets and shelves. 2-car garage. Walk to UMaine and downtown. Plus, income-producing apartment. \$139,900. Call 866-5983.

HOUSE: Cardville Road, Greenbush. 2-BR home and garage on approximately 1-acre lot. New renovations include oak kitchen cabinets, tile bath, replacement windows, vinyl siding. Low taxes and insurance costs. Motivated sellers will negotiate and help with closing costs. \$55,000. Call 827-2308 to see. Leave message.

FOR RENT

APARTMENT: Kenduskeag. Large, sunny 3-room, second-floor apartment. On the edge of the village overlooking fields and woods. Suitable for one or two quiet, mature adults. \$350 including heat and hot water. Deposit and reasonable lease. No pets. No smoking. Call 884-8322 anytime.

APARTMENT: Orono. Large, sunny, 2-BR apartment with river views. Quiet, private location for responsible adults or a family. Convenient to UMaine. A must-see. \$550 plus utilities. No pets. Call 348-6764 or leave message, 348-5243.

HOUSE: 2-story Colonial on Penobscot Street, Orono. Approx. 1 mile from Arts entrance to campus. 3-BR, unfurnished, 1 1/2 bath. Nice yard, garage/barn. Water view. Appliances (washer and dryer too). Water and sewer included in rent, \$600/month. Call 567-3836 or e-mail to: sej@mint.net.

HOUSE: Large Bangor house, 3-4 BRs and bath on second floor; LR, DR, den, kitchen and halfbath on first floor. Dry, full basement and stairway to large attic for storage. Plentiful closets, high ceilings and beautiful front hallway. Located near EMMC, 1 block from bus stop (hourly service to UMaine). Walking distance to schools. \$700/mo. Security deposit, lease required. Call 963-7844.

ROOMS: Two comfortable, mostly furnished BRs (1 person/room) for rent in a charming, spacious, 3-BR farmhouse near UMaine and I-95's Stillwater exit. 1 BR available immediately, the other in late December. Full use of house: two sunny living rooms with fireplace, hardwood floors, modern kitchen, washer/dryer, 1.5 baths. Non-smoking. Covered parking negotiable. Large, fenced-in yards; dogs negotiable. Ready access to bike and cross-country ski trails. Quiet, residential area, close to bus stops, movie theater, restaurants, and shopping. Seeking responsible adults. \$375/month, utilities included. Call 827-8514 and leave message.

SERVICES

DAYCARE: One academic-year slot available for a 2 1/2- to 5-year-old in a family daycare home on Bangor's east side. The home features a developmentally appropriate curriculum for 7 children. Call 942-7544 for an interview.

DAYCARE: The Sharing Place Child Care Center, located on a beautiful wooded site adjacent to UMaine, offers infant, toddler, preschool and afterschool care. Bus service is available for school aged children from the Asa Adams school in Orono. Experienced staff offer a safe, fun and caring environment for your child, with a wide variety of learning opportunities. The Sharing Place is currently accepting applications; there are a limited number of spots still available. Call 866-3313 and schedule a visit.

FINANCIAL SERVICES AND RETIREMENT PLANNING: Jane Campbell Brann, VALIC Retirement Plan specialist, is available for individual or group assistance at the University every Tuesday or by appointment. Call 732-4955 or leave voice mail at 800-448-2542, x259.

HOUSE SITTING: Need a responsible, clean, meticulous person to stay at your house to look after it while you are gone? Will also care for a pet. I will do it for free. References supplied upon request. Call 581-8794.

PRESCHOOL OPENINGS: The Child Study Center has openings in its afternoon MWF session for children ages 2 1/2-5. For more information, call 581-3080.

The Conley Speech and Hearing Center, L-5 North Stevens Hall, is now accepting new therapy clients for the fall semester – preschool through adult – with speech/language/hearing disorders. Complete speech/language/hearing evaluations are scheduled in our Friday diagnostic clinic, ending Dec. 4, for the fall semester. For more information, call 581-2006.

DARLING CENTER SHUTTLE: A shuttle service runs between campus and the Darling Marine Center in Walpole through the weeks when classes are scheduled and passengers are signed up. The shuttle leaves Orono from the Libby Hall Parking Lot at 6:45 a.m. and 4:15 p.m.

The shuttle leaves the Darling Center at 7 a.m. and 4 p.m. Reservations to ride or to transport cargo can be made by calling Rita Langille, x4385, by 2 p.m. the day before you wish to use this service.

WANTED

RESEARCHER: Research project to form the basis for a national bottle bill. Much of the groundwork already done. This bill has been introduced several times to Congress but without the necessary infrastructure. Project entails developing methods and systems to enable a practical national bill. Experience with grant proposal writing a plus. If interested or for more information, contact Jay, 942-2904, or e-mail jpdresser@juno.com.

FREE

PRINTS: 1986 Nikki Schumann portfolio of prints (20) from 1976-86. Contact Sue Jensen, 581-2768, if you can use these for display.

STUDENT ACADEMIC CONFERENCE TRAVEL FUND

The Student Academic Conference Travel Fund for Undergraduate Students will hold its first competition of the academic year. This fund serves undergraduate students who need financial assistance for travel to meetings/conferences of an academic nature. Applications must be submitted to the Office of Academic Affairs by Friday, Oct. 2. Money will be awarded for travel taking place between Oct. 3-Feb. 5. Applications can be obtained from Joan Day, Office of Academic Affairs, 201 Alumni Hall, or by calling x1547.

Positions Available

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

Assistant or Associate Professor (Community Economic Development), Department of Resource Economics and Policy. Tenure-track, academic-year position, 50% teaching and 50% research. Qualifications: Required: Ph.D. in agricultural economics or economics; strong theoretical and quantitative training; excellent written and oral communication skills; ability to teach graduate and undergraduate courses; ability to develop collaborative working relations with other researchers on campus, and state, regional and local organizations; community economic development skills, which include training in regional economics, computable general equilibrium models, regional economics modeling, spatial econometrics, firm location modeling, economic impact analysis, shift-share analysis, and trade area analysis. Must be eligible to work in the U.S. Preferred: Training in finance and experience conducting applied and interdisciplinary research, and established record of teaching, obtaining external funding and publishing research findings. Review of Applications: Will begin 11/1/98 and continue until a suitable candidate is found. Contact: Send a letter of interest, curriculum vita, transcripts and a list of five references to: George Criner, Chair, Department of Resource Economics and Policy, University of Maine, 5782 Winslow Hall, Orono, ME 04469-5782. For further information, contact George Criner at (207) 581-3150 or email: criner@maine.edu

Assistant Professor, School of Social Work. Full-time, academic-year, tenure-track faculty position. Qualifications: Required: Earned doctorate in social work or related field (ABD considered). MSW and two years of post-MSW practice experience; ability to travel frequently within the state of Maine (as needed for field placement visits), normally requiring a driver's license. Preferred: Teaching experience. Review of Applications: Will begin 10/20/98. Contact: Send letter of application, curriculum vita, current writing sample, and the names of three references directly to: Chair, Search Committee, School of Social Work, University of Maine, 5770 Social Work Building, Orono, ME 04469-5770.

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.

Maine Writer *continued from page 12*

Round is a third-generation UMaine graduate. Her grandmother earned a degree as a nontraditional student in 1960. Her father, in addition to several aunts and uncles, graduated from UMaine, and next year her mother, Judy, assistant to the dean of the College of Natural Sciences, Forestry and Agriculture, will receive a degree in liberal studies.

Round enrolled at UMaine in 1990 for three semesters, then attended Pierre's School of Beauty in Portland. In 1994, she returned to the University to study art. Soon the drawing that she had done informally all of her life became a means of exploring human nature.

"A lot of my self-portraits end up transmitting something to other people," she says. "If someone sits for me, the work becomes more than a portrait of a human being. It becomes a lot more – what I as an artist and what people as the subjects bring to the process."

Along with undergraduate art classes, Round took a writing course. Suddenly the stories of people she had observed through the years had another outlet of expression.

"Most of my philosophies on writing came from Sandy Phippen, my Orono High School English teacher," says Round. "The way he talked about people clicked with me. I realized his stories were about what was happening around him. It got me to think that maybe I was not looking hard enough around me."

"From Sandy, I learned to love people. People are living in their own worlds and we need to tap in and find out what they're doing."

"I took independent writing from Connie (Hunting). Over the years, she has made me a mature writer and made me appreciate my own writing."

"They have been the two anchors in my development."

Round was recommended to be a tutor in the Writing Center. In 1997, she won her third Grady Award as an undergraduate. In addition to *Puckerbrush Review*, she will soon be submitting works of fiction to other literary magazines.

Round's art has been featured in juried student art shows on campus and displayed at the University of Maine Portland Office. She sold her first piece of art earlier this year.

This semester, Round is a graduate assistant teaching a section of English 101.

Her master's thesis is the story of a youngster growing up in a suburban neighborhood she describes as "a microcosm of weirdness," much like the one she lived in when she was 5 years old.

EMPLOYEE ASSISTANCE PROGRAM SERVICES AVAILABLE

The Employee Assistance Program (EAP) provides free, short-term counseling and professional consultation services for all active and retired faculty and staff, and their immediate family members who have personal or work-related concerns. This confidential resource assists employees with a wide range of issues, such as occupational or personal stress; conflict resolution; anxiety disorders, such as phobias and panic attacks; marital and family issues; single parenting; legal referrals; relationship conflict, personal or at work; alcohol and drug misuse and dependency; burnout; depression; career decisions; divorce; financial concerns; and eldercare.

When a referral is needed, links are made with carefully screened community resources (therapists, psychiatrists, lawyers, physicians, financial consultants, etc.). Confidentiality is EAP's most critical component. All contacts are strictly confidential. No information, including participation in EAP, is disclosed without written client authorization. EAP office hours are Monday-Friday, 8 a.m.-4:40 p.m., including the noon hour. Accommodations for appointments can be made. Call 581-4014.

Employee Assistance Program-Emergency Loan Fund (EAP-ELF) is available to all UMaine employees experiencing financial emergencies, with interest-free loans up to \$750 in one year to be paid back by payroll deduction. Call the EAP office, x4014, for an appointment.

"Being a Maine writer is not about recreating a perfect place but showing the world what happened on that day at this one place in time," says Round. "It is not pretty all the time. It is often stark and tacky but at the same time sophisticated."

"I admire people from Maine – my parents and their parents. They have never been about how others think they should be doing things in the world. They take what they are given and do the best they can with it. To outsiders, that may seem like lacking drive or being without agenda, but these are people who fight their own battles in their own world to understand what's right and wrong." ▲

CALL FOR PAPERS

The objective of the *Maine Management Review* is to present the practical implications of UMaine research to managers in both the private and public sectors. The *Review* invites articles from faculty and students in all disciplines. For further information, contact: John Ford, Maine Business School, 209 Corbett Business Building. (x1971; johnford2@maine.edu)

FACULTY RESEARCH FUNDS COMMITTEE ANNOUNCES DEADLINES

The Faculty Research Funds Committee is announcing FY99 deadlines for competitions. The deadline dates are listed below:

(Note: The Regular Faculty Research Fund and the Scientific Equipment and Book Fund competitions have the same deadline (October 30), but have separate application guidelines. If eligible, individuals may apply for both awards. Remember, funds requested must not depend on funding from other Faculty Research Fund competitions.)

Regular Faculty Research Fund Award	October 30
Scientific Equipment and Book Fund Award	October 30
Summer Faculty Research Fund Award	December 16

The Regular Faculty Research Fund Award supports work that can be completed in one year and provides research support other than faculty salaries. The Scientific Equipment and Book Fund Award is for the acquisition of equipment or library collections. The Summer Faculty Research Fund Award provides \$5,000 awards for faculty summer salaries for a minimum of 1.5 months research effort.

The purpose of these funds is to stimulate and assist individual members of the faculty to initiate or redirect research or studies of a scholarly nature. Eligibility is limited to full-time faculty. This includes tenured, tenure-eligible, and soft-money faculty for whom research is an expected component of their appointment. Faculty are eligible to receive the same award every three years. Proposals will not be considered from individuals with delinquent reports from any previous Faculty Research Funds Awards.

The Faculty Research Funds Committee represents a broad range of disciplines from the entire University of Maine faculty. Consequently, proposals should be written for a general audience (except the Methods and Materials section, where discipline-specific details are necessary). Applicants may contact Gayle Anderson, x1498, if they would like to review successful applications kept on file in the Office of Research and Sponsored Programs.

A total of \$145,000 has been allocated for these competitions. Approximately \$75,000 is budgeted for the Regular Faculty Research Fund Award and the Scientific Equipment and Book Fund Award combined (12-15 awards are expected to be made); and approximately \$70,000 is budgeted for the Summer Faculty Research Fund Award (14 awards are expected to be made).

The Committee is also announcing a deadline of March 17 for receipt of nominations for the Presidential Research & Creative Achievement Award. This award (in the amount of \$1,500) is made to a faculty member who has attained distinction in research or creative achievement.

Application packages are available in the Offices of the Deans and in the Office of Research and Sponsored Programs, 424 Corbett Hall, x1498. Applicants should make sure they use this year's application packages.

State Justice Institute makes grants for innovative education, research, demonstration, and technical assistance projects that can improve the administration of justice in state courts. The FY99 guidelines designate 12 areas of special interest. Preliminary concept papers due Nov. 24.

Rockefeller Foundation Humanities Fellowships

are offered

to scholars and writers for research on global social and cultural issues relating to diversity, sustainability, and civil society. 1999-2000 residential fellowships are available at 28 host institutions in the Americas. Dead-lines vary; the earliest is Dec. 1.

U.S. Information Agency supports partnerships between U.S. and foreign universities. Partner institutions exchange faculty and staff in business administration, the humanities, and the social and environmental sciences for teaching, lecturing, faculty and curriculum development, and/or collaborative research. The FY99 program specifies eligible disciplines, themes, and countries. Maximum award: \$120,000 for three years. Deadline: Dec. 11.

Robert Wood Johnson Foundation invites proposals for substance abuse policy research. Supported projects are expected to increase understanding of public and private policy interventions to reduce the harm caused by the use of tobacco, alcohol, and/or illegal drugs. Proposals requesting less than

\$100,000 are accepted at any time. Preliminary proposals for larger requests are due Dec. 16.

U.S. Institute of Peace solicits proposals for FY99 activities related to one of four topics and themes: Bosnia and the Balkan Region, the Mideast, training in conflict management, and the changing nature of diplomacy. Deadline: Jan. 4.

John D. and Catherine T. MacArthur Foundation's Program on Global Security and Sustainability makes grants for research and writing projects, in any academic discipline, that promise to illuminate the dynamics of international security, sustainability, and cooperation. Eligible projects are conducted by individuals or by two-person teams. Deadline: Feb. 1.

MAINE PERSPECTIVE FALL PUBLISHING SCHEDULE

Oct. 16 (copy deadline Oct. 2)
Oct. 30 (copy deadline Oct. 16)
Nov. 13 (copy deadline Oct. 30)
Nov. 27 (copy deadline Nov. 13)
Dec. 11 (copy deadline Nov. 27)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETINGS

The Institutional Animal Care and Use Committee (IACUC) would like to remind investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the meeting dates for the 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, x1498. The information is also available at the ORSP website, www.ume.maine.edu/~spd/index.html.

IACUC Meeting Dates (submit protocols at least two weeks before meeting date): Oct. 19; Nov. 23 and Dec. 14.

IACUC BIENNIAL TRAINING/ORIENTATION

The Institutional Animal Care and Use Committee's (IACUC) fall offering of its biennial training/orientation program on the care and use of animals will be Wednesday, Oct. 21, from 3-4:30 p.m., 427 Corbett Hall (across from the Gym). People who have attended previous training sessions do not have to attend. This campuswide training/orientation program is in compliance with federal regulation and the University's approved Animal Welfare Assurance. All faculty, staff and students who work with live, vertebrate, non-human animals are required to participate in the program. The IACUC will not act on protocols for approval of animal use until all project personnel have been certified as having completed the training program. Contact Gayle Anderson, Office of Research and Sponsored Programs, x1498, for registration information.

NEW NON-PROFIT POSTAL RATES

The Board of Governors of the Postal Service has approved a rate increase for Nonprofit Standard A mail, effective Oct. 4. This increase is the final step of six annual adjustments necessary to phase up the institutional cost contribution of this mail to the levels required by law.

For more information, contact Jim Vaillancourt, University Mailroom, x3760.

Letter-size minimum per piece rates

For pieces weighing 0.2087 (3.3388 ounces) or less:

Nonautomation	Oct. 4	3/5 Digit	Oct. 4	Automation	Oct. 4	3 Digit	Oct. 4	5 Digit	Oct. 4
Basic Current		Current		Basic Current		Current		Current	
\$0.135		\$0.138	\$0.117	\$0.120	\$0.102	\$0.105	\$0.098	\$0.101	\$0.085

Nonletter-size minimum per piece rates

For pieces weighing 0.2087 (3.3388 ounces) or less:

Nonautomation	Oct. 4	3/5 Digit	Oct. 4	Automation	Oct. 4	3/5 Digit	Oct. 4
Basic Current		Current		Basic Current		Current	
\$0.198		\$0.201	\$0.149	\$0.174	\$0.177	\$0.125	\$0.125

What's Ahead



FALL BREAK
October 12-13

FLU CLINIC
October 14

COLLEGE OF ENGINEERING
RECOGNITION BANQUET
October 16

SPORTS HALL OF FAME
BANQUET
October 16

HOMECOMING
October 16-18

THE CRACKWALKER
October 22-25

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