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Heather McInnis, a graduate student in quaternary studies, examines a fox skeleton in the Zooarchaeology Lab in South Stevens as part of her faunal lab training under the direction of Kristin Sobolik, assistant professor of anthropology and quaternary studies. The Zooarchaeology Lab contains an extensive collection of bone from modern fauna for use in identifying bone from archaeological sites.

Photo by Kathryn Rice

New Agreement Links Northern Maine Tech, UMaine Engineering Technology Program

Students in the electrical engineering technology program at Northern Maine Technical College in Presque Isle will have a smooth path to a four-year degree at the University of Maine as a result of a new agreement signed last week.

The arrangement adds to the list of about 20 similar agreements UMaine has with other educational institutions.

UMaine President Fred Hutchinson and NMTC President Durward Huffman signed the new "2 + 2 Articulation Agreement." For students who meet specific conditions, the agreement provides flexibility and a seamless transition to UMaine. It also reflects increased collaboration between UMaine and the state's technical college system to meet the needs of Maine students.

"This partnership strengthens our relationship with the technical college system, but the ultimate winners are Maine students. They need a system which gives them access to the skills they'll need to compete in the workforce. This agreement does just that," says Hutchinson.

The agreement is a first for electrical engineering technology students in Maine, according to Huffman. "This collaborative effort enables them to continue to develop advanced technical knowledge and skill, which are increasingly important to employers as improvements are integrated into the work environment."

According to John McDonough, director of UMaine's School of Engineering Technology,

students will be able to transfer credits from NMTC's two-year associate degree in electrical engineering technology directly to the UMaine program. Such arrangements have received the blessing of the Accreditation Board for Engineering and Technology, the national body that reviews engineering technology programs for educational quality.

Electrical engineering technology students specialize in the analysis of electrical circuits, computers, linear and digital electronics, and power systems. Graduates find jobs with manufacturers, engineering firms and public utilities.

Articulation agreements have also been developed for students in agriculture, pulp and paper technology and other disciplines. UMaine has similar agreements with other technical colleges, University of Maine System campuses, Bangor Theological Seminary and Foxcroft Academy. ▲

In Perspective

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

Student Team First in Nation for Project Using Internet to Pinpoint Healthcare Providers

A project listing healthcare providers in Hancock County in one easy-to-find site on the World Wide Web has won three UMaine students first place and \$5,000 each in a national contest.

The project, named "Hancock Healthsource," is an on-line database designed to show the feasibility of using the Web as a healthcare resource – especially for healthcare providers who need to find specialists near a patient's home.

The project took top honors in the U.S. Department of Health and Human Services' 13th annual contest for work by students from around the nation emphasizing innovation in health promotion or disease prevention.

The three graduate student winners are Rachel Hartley of Lamoine, a registered nurse and graduate student in UMaine's Rural Family Nurse Practitioner program; Diana Dorhofer of Old Town, a graduate student in clinical psychology; and Jane Harris-Bartley of Howland, a graduate student in social work.

In addition to receiving \$5,000 each, the students will travel to Washington at government expense later this year for recognition by Health and Human Services Secretary Donna Shalala. In addition, their research will be published.

All three are part of a program centered at UMaine that is using the Internet and other media to help train healthcare providers in ways that will improve access to healthcare for people who live in rural areas.

The program is known as ITHCRA – Interdisciplinary Training for Healthcare for Rural Areas. A key part of the training focuses on how healthcare providers can learn more about the services each offers, and where each is located.

"Hancock Healthsource" was a project for one of the courses offered through ITHCRA. Students did not meet in one classroom. Instead they used electronic mail and computer access to the Internet to do much of their work.

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Joann Kovach, seated, director of Interdisciplinary Training for Health Care for Rural Areas (ITHCRA), with the students who created Hancock Healthsource: Rachel Hartley, Jane Harris-Bartley and Diana Dorhofer.

Photo by Kathryn Rice

Search Committee Named

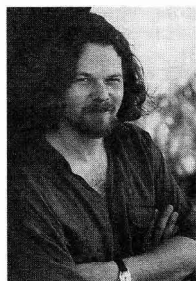
The membership of the search committee for the president of the University of Maine has been approved by the University of Maine System Board of Trustees.

Chairing the search committee is trustee James Caron of Portland, UMaine Class of '70. The two other trustees on the committee are James Mullen of Bangor, Class of '72/'75, and Dr. George Wood III of Orono.

From the University of Maine are the remaining eight search committee members: John Alexander, representing the academic administration; classified representative Chris McEvoy;

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UMaine Alumnus Pursuing Literary Career in Czech Republic



Matthew Sweney

As a young writer living in the Czech Republic, UMaine alumnus Matthew Sweney is pursuing his literary dreams far from home. Yet for the past three summers, he's returned to his alma mater to work as an English teacher in the University's Upward Bound program. The Walla Walla, Wash., native never forgets his roots – and it seems, neither do the Central European authorities.

"When people see my passport, they laugh," says Sweney. "They pronounce it

Valla Valla, which in Czech is what a magician says when he pulls a rabbit out of his hat. It's like being born in Presto."

A 1994 UMaine graduate with a master's degree in English, Sweney has been living in the Czech Republic for the past year and a half, working for Votobia, the fourth-largest publishing

house in the country. As one of few native-English speakers in the Czech Republic, he manages international correspondence and contracts for the publishing house. He also assists in translating, editing English and bilingual editions of publications, writing English synopses of scientific books written in Czech

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Maine Perspective

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UNIVERSITY OF
MAINE

MAINE PERSPECTIVE PUBLICATION SCHEDULE

There will be eight issues of *Maine Perspective* this semester.

The remaining issues and their deadlines for submission are:

Feb. 24 (deadline Feb. 14); March 17 (deadline March 7);

March 31 (deadline March 21); April 14 (deadline April 4);

and April 28 (deadline April 18).

U Maine Calendar

FEB. 12 - 25

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.

"Nitrogen - From the Mountains of Norway to the Sea," Arne Henriksen, Norwegian Institute for Water Research, Oslo, Norway, a seminar offered by the Department of Geological Sciences, Water Research Institute and Ecology and Environmental Sciences, 4 p.m., Feb. 11, 310 Boardman Hall.

12 Wednesday

PowerPoint, Introduction, an IT workshop, 10 a.m.-noon, Feb. 12, 111 Corbett Business Building. Preregistration/admission fee. x1638.

Summer Job Fair, offered by the Office of Student Employment, 10 a.m.-3 p.m., Feb. 12, Wells Conference Center. x1349.

International Awareness Brown Bag Lunch featuring a discussion of Central America by Mayela Alfaro, 12:10-1:30 p.m., Feb. 12, Totman Lounge, Union. x2905.

"Homesick for That Place: Ruth Moore Writes About Her Maine," by Jennifer Pixley, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Feb. 12, Bangor Lounge, Union. x1228.

Booksigning by Margo Cobb, author of *The Granite Man*, offered by the Bookstore, 1-2 p.m., Feb. 12, Union.

End of First-third of Semester for Withdrawals, 4:30 p.m., Feb. 12.

13 Thursday

"Rita's Lucky Summer," featuring a showing of the film, *Rita's Lucky Summer* followed by discussion led by Elaine Ford, part of the Socialist-Marxist Studies Luncheon Series, 12:30 p.m., Feb. 13, Bangor Lounge, Union. x3860.

"Metaphor in William James' Pragmatism," by William Gavin, USM, a Philosophy Department Colloquium, 4 p.m., Feb. 13, Levinson Room, Maples. x3865.

Langston Hughes, part of the Peace and Justice Film Series, 7 p.m., Feb. 13, 100 Corbett Business Building. x3860.

Women's Basketball: UMaine vs. University of Delaware, 7:30 p.m., Feb. 13, Alfond Sports Arena. Admission fee. xBEAR.

14 Friday

PowerPoint, Introduction, an IT workshop, 9-11 a.m., Feb. 14, Fogler

Computer Classroom. Preregistration/admission fee. x1638.

Jazz TGIF with A-Train, offered by the Union Board, 12:15 p.m., Feb. 14, Damn Yankee, Union. x1820.

"Accumulation and Effects of Mercury and Radloesium in Fish and Other Aquatic Organisms," by Charles Jagoe, assistant research scientist, Savannah River Ecology, part of the Department of Zoology Seminar Series, 3:10 p.m., Feb. 14, 102 Murray Hall. x2540.

15 Saturday

Women's Basketball: UMaine vs. Towson State University, 1 p.m., Feb. 15, Alfond Sports Arena. Admission fee. xBEAR.

Movie: Reservoir Dogs, offered by the Union Board, 6:30 p.m. and 9:15 p.m., Feb. 15, 100 Corbett Business Building. Admission fee.

17 Monday

The University Credit Union will be closed Monday, Feb. 17, to observe President's Day. The drive-up will reopen at 7 a.m., the lobby at 9 a.m., Tuesday, Feb. 18.

"Dioxins in Perspective," by Marquita Hill, part of the Department of Wildlife Ecology Seminar Series, noon, Feb. 17, 204 Nutting Hall. x2799.

18 Tuesday

Seventh Annual Games Day, part of the Hudson Museum Just for Kids series, 10 a.m., Feb. 18, Maine Center for the Arts. Preregistration/admission fee. x1901.

"Magnetic Resonance in the Sixties: A New Spectroscopy," UMaine Libra Professor Ruth Lynden-Bell, professor of condensed matter simulation, School of Mathematics and Physics, The Queens University, Belfast, United Kingdom, a Chemistry Colloquium, 11 a.m., Feb. 18, 316 Aubert Hall. x1179.

NCAA Certification Report Forum on Academic Integrity and Fiscal Integrity, noon, Feb. 18, Lynch Room, Fogler Library. x1513.

Web Design, a Fogler Web Training Class, 1-3 p.m., Feb. 18, Fogler Computer Classroom. Pre-registration required. x1675.

Pegasus Mail and Windows Internet Tools, a CAPS Seminar by Betty Johnson, 3:30-5:30 p.m., Feb. 18,

111 Corbett Business Building. Preregistration. x3517.

"Porosity of Melting Zones Beneath Hawaii and Mid-ocean Ridges: Evidence from 238U-230Th-226Ra and 235U-231Pa Disequilibria," by Ken Simms, Woods Hole Oceanographic Institute, part of the Geological Sciences Seminar Series, 4 p.m., Feb. 18, 310 Boardman Hall.

Battle of the Big Bands, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 18, Hutchins Concert Hall. Admission fee. x1755.

Men's Ice Hockey: UMaine vs. New Hampshire, 7 p.m., Feb. 18, Alfond Sports Arena. Admission fee. xBEAR.

19 Wednesday

PowerPoint, Intermediate, an IT workshop, 10 a.m.-noon, Feb. 19, 111 Corbett Business Building. Preregistration/admission fee. x1638.

NCAA Certification Report Forum on Governance and Commitment to Rules Compliance, and Equity, noon, Feb. 19, FFA Room, Union. x1513.

"The Marriage of Clara and Robert Schumann: Was Father Wieck Right?" a performance lecture by Laura Artesani, assisted by John Vogt, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Feb. 19, Bangor Lounge, Union. x1228.

20 Thursday

Intro to Photoshop, a Fogler Multimedia Class, 10 a.m.-noon, Feb. 20, Fogler Computer Classroom. Pre-registration required. x1675.

"Ice Harvesting on the Penobscot," by Mary Ann McGarry, state coordinator for Project WET (Water Education for Teachers), part of the Page Farm and Home Museum Brown Bag Lunch Series, noon, Feb. 20. x4100.

"After the Cold War: American Foreign Policy and the United Nations," by Edwin Hoyt, University of New Mexico political science professor and author of *Law and Force in American Foreign Policy*, part of the Socialist-Marxist Studies Luncheon Series, 12:30 p.m., Feb. 20, Bangor Lounge, Union. x3860.

Booksigning by Author Lynn Flewelling, 12:30 p.m., Feb. 20, Bookstore.

The Cat and the Mouse: China and Tibet, part of the Peace and Justice Film Series, 7 p.m., Feb. 20, 100 Corbett Business Building. x3860.

"The Life and Works of Marsden Hartley," by art historian Gail Scott, part of the Department of Art Guest

Lecture Series, 7 p.m., Feb. 20, 206 Rogers Hall. x3245.

Men's Basketball: UMaine vs. Northeastern University, 7:30 p.m., Feb. 20, Alfond Sports Arena. Admission fee. xBEAR.

21 Friday

PowerPoint, Intermediate, an IT workshop, 9-11 a.m., Feb. 21, Fogler Computer Classroom. Pre-registration/ admission fee. x1638.

"Retrovirus-mediated Gene Transfer into Hematopoietic Stem Cells," by David Bodine, chief,

Hematopoiesis Section, National Center for Human Genome Research, NIH, Bethesda, part of the Department of Zoology Seminar Series, 3:10 p.m., Feb. 21, 102 Murray Hall. x2540.

"Computer Simulation: A Tool for Physical, Material and Surface Scientists," UMaine Libra Professor Ruth Lynden-Bell, professor of condensed matter simulation, School of Mathematics and Physics, The Queens University, Belfast, United Kingdom, a Physics Colloquium, 3:10 p.m., Feb. 21, 140 Bennett Hall. x1179.

"How a Polar Cell Is Established," a Staples Seminar in Biochemistry by Ralph Quatrano, the John N.

Couch Professor of Biology and chair, Department of Biology, University of North Carolina at Chapel Hill, 4:30 p.m., Feb. 21, 107 Corbett Business Building. x2821.

Men's Ice Hockey: UMaine vs. Boston University, 7 p.m., Feb. 21, Alfond. Admission fee. xBEAR.

22 Saturday

Cirque Eloize, part of the Maine Center for the Arts performance season, noon and 7 p.m., Feb. 22, Hutchins Concert Hall. Admission fee. x1755.

Movie: Spaceballs, offered by the Union Board, 6:30 p.m. and 9:15 p.m., Feb. 22, 100 Corbett Business Building. Admission fee. x1731.

Men's Ice Hockey: UMaine vs. Boston University, 7 p.m., Feb. 22, Alfond Sports Arena. Admission fee. xBEAR.

23 Sunday

Men's Basketball: UMaine vs. Boston University, 1 p.m., Feb. 23, Alfond Sports Arena. Admission fee. xBEAR.

"Jerusalem in Old Maps and Views," by Ofra Farhi, consul, Consulate General of Israel, Boston, offered by the Maine Center for the Arts in conjunction with the map exhibit, 2 p.m., Feb. 23, Bodwell Area. x1806.

Performance by the Israel Camerata, part of the Maine Center for the Arts performance season, 3 p.m., Feb. 23, Hutchins Concert Hall. Admission fee. x1755. Free pre-concert lecture by David Klocko one hour before performance, Bodwell Area.

24 Monday

"Wildlife Conservation Education Efforts of the Maine Department of Inland Fisheries and Wildlife," by Lisa Kane, Project Wild, Maine Inland Fisheries and Wildlife, part of the Department of Wildlife Ecology Seminar Series, noon, Feb. 24, 204 Nutting Hall. x2799.

"Ending Hunger in Maine," by Bill Whitaker, part of the Peace Studies Spring Luncheon Series, 12:15 p.m., Feb. 24, Bangor Lounge, Union. x2609.

"Preparedness for Chemical Emergencies," by Stephen Foster, James River, Old Town, part of the Environmental Management Seminar Series, 4:10 p.m., Feb. 24, 100 Jenness Hall. x2301.

25 Tuesday

Basic HTML, a Fogler Web Training Class, 1-3 p.m., Feb. 25, Fogler Computer Classroom. Pre-registration required. x1675.

30th Annual Meeting of the University Credit Union, 4:30 p.m., Feb. 25, Woolley Room, Doris Twitchell Allen Village. x1458.

Ongoing Events

Conferences/Seminars/Workshops

Navigating the Net, Fogler Library Internet Workshops, 10 a.m.-noon, Feb. 3; 3-5 p.m., Feb. 26; 6-8 p.m., April 1, Fogler Computer Classroom. Pre-registration required. x1678.

Introduction to URSUS, Fogler Library Internet Workshops, 1-2:30 p.m., Feb. 5; 6-7:30 p.m., Feb. 25; 9-10:30 a.m., March 26, Fogler Computer Classroom. Pre-registration required. x1678.

Advanced Searching, Fogler Library Internet Workshops, 3-5 p.m., Feb. 12; 9-11 a.m., March 18; 6-8 p.m., April 10, Fogler Computer Classroom. Pre-registration required. x1678.

Journal Database Searching, Fogler Library Internet Workshops, 2:30-4:30 p.m., Feb. 13; 9-11 a.m., March 19, Fogler Computer Classroom. Pre-registration required. x1678.

Open Web Nights, Fogler Library Internet Workshops, 7-9 p.m., Feb. 19, March 16 and April 24, Fogler Computer Classroom. x1678.

Scholarly Communication on the Net, Fogler Library Internet Workshops, 10 a.m.-noon, Feb. 19; 1-3 p.m., March 27, Fogler Computer Classroom. Pre-registration required. x1678.

Entertainment

Performance of The Mikado, part of the Maine Center for the Arts performance season, 8 p.m., Feb. 14-15; 3 p.m., Feb. 16, Hutchins Concert Hall. Admission fee. x1755.

"A Comet Comes By," a Planetarium show, 7 p.m., Feb. 14; 3 p.m., Feb. 15-16, Wingate Hall. Admission fee. x1341.

"Follow the Drinking Gourd," a Planetarium show, 1:30 p.m., Feb. 15-16, Wingate Hall. Admission fee. x1341.

Pump Boys and Dinettes, directed by Sandra Hardy, part of the Maine Masque Series, 8 p.m., Feb. 14-15 and Feb. 21-22; 2 p.m., Feb. 16 and Feb. 23; high school matinee noon, Feb. 20, Hauck Auditorium. Admission fee. x1773.

Exhibits/Demonstrations/Tours

Jerusalem in Old Maps and Views, a Maine Center for the Arts exhibit, Feb. 18-March 1. x1806.

Art Faculty Annual, a Museum of Art exhibit, through Feb. 21, Carnegie Galleries, Carnegie Hall. x3255.

Maya, of Earth, the Heavens, the Gods, a Museum of Art exhibit, through March 16, Hauck Auditorium Gallery, Union. x3255.

Celebration! Performance Artifacts from Southeast Asia, a Hudson Museum exhibit, through April 27, Maine Center for the Arts. x1901

Meetings of Groups/Organizations

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

Noon Prayer, offered by the Newman Center, every Tuesday, Drummond Chapel, Union. 866-2155.

Earth Week Committee meets every Wednesday, noon-1 p.m., Ham Room, Union. x3777.

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

Nontraditional/Commuter Student Coffee Hour, offered by the Center for Students and Community Life, 9:15 a.m., every Thursday, Nutter Lounge, Union. x1405.

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

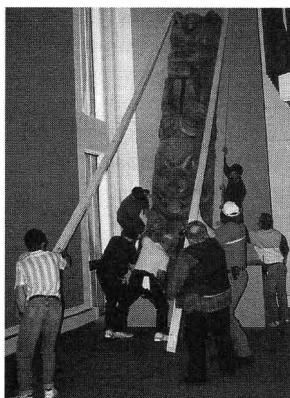
Prisoners of Gender, a discussion group focused the subject of gender, 3 p.m., every Friday, Old Town Room, Union. 827-8118.

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

Miscellaneous

Study Abroad Resource Room, offered by the Office of International Programs, 11 a.m.-4 p.m., Monday-Friday, third floor, Maples. x3426.

Gallery Glimpses



Facilities Management staff from the Carpenter Shop ease the 250-pound totem cast from the location it has occupied in the Hudson Museum for the past nine years to its new place of prominence in the soon-to-be-opened Cedar & Sea exhibit in the museum's Gorman Gallery.

Cedar & Sea

The most ambitious exhibition the Hudson Museum has ever assembled is taking shape in the Maine Center for the Arts in preparation for its March 25 opening.

Cedar & Sea: Peoples of the Northwest Coast will re-create the atmosphere of a traditional Northwest cedar-plank house. The exhibition will make use of the University of Maine's excellent collection of artifacts to tell the story of people closely aligned with the sea, the woods and each other.

Chicago's Field Museum and Harvard University's Peabody Museum are contributing pieces to the exhibition, along with private lenders. The emerging displays are tapping the talents of an array of contributors, including Ron Harvey, a nationally known

conservator based in Lincolnville. In addition, 35 students from United Technologies Center in Bangor contributed 4,700 hours of labor to construct the platform base for the exhibit using cedar donated at below-cost by Viking Inc., a Belfast lumber company.

In mid-January, the well-known fiberglass cast of a totem pole that has been part of the Hudson's Northwest Coast exhibit ever since the museum opened in 1986 was moved in order that it may take on an even more prominent role in the new exhibition. The original totem, which came to the University as part of the Palmer Collection, was once a post supporting a roof beam in a cedar-plank home named the Easy-to-Enter House, owned by a noble family. When the totem pole was returned to Canada in the 1970s, a fiberglass cast was made. The original, created in 1868, is now on exhibit in the Canadian Museum of Civilization in Ottawa. The Canadian museum's executive director, George MacDonald, will be on campus April 11 for a 3:30 p.m. lecture in conjunction with *Cedar & Sea*.

PRESIDENTIAL PUBLIC SERVICE ACHIEVEMENT AWARD

Nominations are currently being solicited for the Presidential Public Service Achievement Award, which recognizes an individual University of Maine faculty or professional staff member for distinguished public service achievement. The recipient will be announced at the Honors Convocation in the spring. A \$1,500 award and a medallion are given to the recipient.

Nominations and applications will be screened by a committee of faculty and professional staff members who will make their recommendations to the President. Final selection for the award will be made by the President. Re-submission of nominations from last year encouraged.

Nominations should be sent to: Barbara Hikel, Office of the Provost, 201 Alumni Hall. Deadline for nominations: 4:30 pm, Friday, Feb. 28.

Nomination Guidelines are available from the Office of the Provost. Questions may be directed to Barbara Hikel, x1507.

Presidential Public Service Awards Committee members are: James Breece, Steven Colburn, John Dearborn, Michael Greenwood, David Lambert (chair), Karel Lidral, Holly Richardson, William Rivard, and Lois Stack. Barbara Hikel and Suzanne Estler serve as ex-officio members.

Pump Boys and Dinettes Take to the Stage

Music mixes with down home humor at the Double Cupp Diner and at the filling station across the street in *Pump Boys and Dinettes*, a Maine Masque production that opens Friday, Feb. 14, in Hauck Auditorium.

Directed by Sandra Hardy, the play focuses less on story line than on the people in the story. "These characters are rich and interesting," Hardy says. "These people speak to us of their conflicts, in a very funny way."

There's plenty of singing in this show — and the characters play their own musical instruments. "It's eclectic. There's some gospel, rhythm and blues, rockabilly. You can hear Elvis," says Hardy, associate professor of theatre.

The production, originally a revue, was created in the early 1990s by six out-of-work actors. It has run on Broadway and off.

Members of the UMaine ensemble are: Rich Adkins, Chris Ashmore, Sandra Bisson, Christina Blake, Jennifer Drew, Aaron Hermes, Misty Jordan, Jeremy LeClerc, Tony Pierce, Chris Snipe, Sandra Howard and Kristen Williams.

Danny Williams, a counselor in Enrollment Management, is pianist and musical director for the show, which was choreographed by Ann Ross

and Janet Warner-Ashley.

Jane Snider and Warner-Ashley have designed the costumes.

Settings are by James Beer, lighting by Dan Daugherty, sound by David Adkins.

The show is at 8 p.m. Feb. 14-15 and Feb. 21-22. Shows Feb. 16 and Feb. 23 will be at 2 p.m. A performance for high school students will be at noon Feb. 20.



Cast members include, left to right, Aaron Hermes, Sandra Howard, Kristen Williams and Chris Ashmore.

Photo by Kathryn Rice

STOREFRONT NOW OPEN FOR STUDENTS

The Storefront is a centrally located office in the Union (down the hallway leading to Hauck Auditorium) offering assistance to students who are looking for information or have concerns they wish to discuss with a Student Affairs professional. The schedule for February is:

▼ **Campus Living**, Tuesday, Feb. 25, 10 a.m.-12:30 p.m.

▼ **Career Center**, Tuesday-Wednesday, Feb. 18-19, 10:30 a.m.-1:30 p.m.

▼ **Counseling Center**, Friday, Feb. 21, 8 a.m.-4:30 p.m.

▼ **Dean of Students**, every Tuesday, 9-10 a.m., and Wednesdays, Feb. 12 & Feb. 26, 1-3 p.m.

▼ **Health Promotion/Community Development**, every Monday, 1-4 p.m.

▼ **Student Employment**, Tuesday-Wednesday, Feb. 11-12, 10 a.m.-4 p.m.

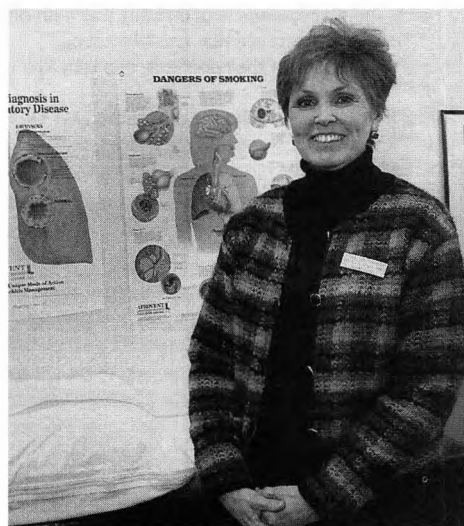
▼ **Student Financial Aid**, every Monday & Wednesday, 11 a.m.-1 p.m.; and every Tuesday & Thursday, 4-5:30 p.m.

▼ **Vice President for Student Affairs**, Thursday, Feb. 13 and Thursday, Feb. 27, 11 a.m.-1 p.m.

For weekly updates to the schedule
or for more information, call 581-1406

The Storefront is brought to you by Centralized Access Services, a service of the Center for Students and Community Life (C.S.C.L.)

People in Perspective



Maureen Henry

Photo by Kathryn Rice

In an average day, Maureen Henry sees six to eight UMaine students in her Cutler Health Center office. That number rises dramatically on rainy days, during cold season, and in the days leading up to and during finals week every semester.

Despite the varying environmental and biological factors

that trigger symptoms in the different people whom Henry sees, asthma is the common chronic illness. And in the University student population as it is nationwide, asthma has increasing incidence. Across the country, 5 percent of the population – more than 12 million adults – have asthma. Asthma is the No. 1 cause for people to seek treatment in a hospital emergency room, yet that is one of the many aspects of the illness that is preventable through education, contends Henry.

“Many don’t know about the illness, and that stems from a lack of education. That’s why the focus of the clinic is education. Some students have had asthma for years and not known it. They continuously go to the doctor’s office with symptoms of bronchitis or colds.”

Henry has personal and professional knowledge of asthma. A nurse for 30 years, Henry has pursued specialized training in asthma from Denver’s National Jewish Institute that specializes in immunology and respiratory illnesses. She and three of her children are asthmatic. Growing up in Philadelphia, Henry was treated at a clinic where her mother also received information on how best to help her young daughter. Those memories of beneficial education, coupled with the prevalence of asthma today, prompted Henry in 1993 to initiate UMaine’s Asthma Clinic – one of the first university asthma clinics in the country.

Today, the asthma clinic is one of nine specialty clinics at Cutler. Emphasis is on targeting health problems and on education. Students are referred to the clinic by clinicians, nurses, coaches, trainers and occasionally by residence hall directors.

That first semester of the asthma clinic, 110 students were treated. Since 1993, almost 750 students have sought treatment, including 250 student-athletes.

“We’re seeing more students than we anticipated, and increasingly, they are moderate to severe asthmatics,” says Henry, a member of the University community since 1990. “In talking with other professionals, one of the major concerns is the increasing number of deaths from asthma. In this country, 5,000 die each year from asthma, many of whom are in the athletic population.”

Allergies and asthma are strongly related, says Henry. Asthmatics have a high incidence of allergies, and people who

have allergies often have exercise-induced asthma. Symptoms of the illness include shortness of breath, coughing and wheezing.

“The best time to address asthma is when children are young,” says Henry. “They can learn about asthma and how to take care of themselves in the future. At the college age, asthma can be problematic due to many factors. Stress levels are high, impacting asthma systems. People can get asthma any time in their lives, and a lot of it has to do with hormone changes. For the most part, people are predisposed to allergies and asthma, but there’s also research linking onset to such factors as mothers smoking when pregnant. It is also unpredictable, with children having asthma well controlled for many years until it seemingly starts again, or when people who are apparently symptom-free move to a new region of the country and suddenly have asthma. The reality is that asthma can not be outgrown, but it can be managed with a healthy lifestyle.”

The key to effective management is in knowing as much as possible about asthma and how it affects the individual. “We need to teach students how to take care of their colds and to control their allergies, how to be independent and to manage their asthma,” says Henry. “They need to know their bodies, the symptoms, what medication they’re taking and why, and what to do when their baseline breathing drops below 20 percent.”

In addition to educating asthmatics, Henry also fields questions from other students concerned about “catching” asthma. “There is a stigma, which is even more reason to educate as an increasing number of people have asthma,” says Henry. “For asthmatics, there also is a lot of denial. It is a nuisance for many. Even for those just with allergies, without treatment they are irritable, tired and just don’t feel well. Students without managed care have had trouble walking up to the third floor to attend a class, or miss a lot of class time. And if they’re also a member of an athletic team, the nuisance can turn life-threatening. At the very least, learning the facts about asthma impacts quality of life.”

Henry serves on the University’s Indoor Air Quality Committee, and coordinates a number of informational programs on campus, including observance of the Great American Smokeout. As a resident expert on respiratory afflictions, Henry often fields questions from members of the University community about asthma and allergies. For the past four years, she has presented her work at meetings of the American College Health Association.

Her expertise also is tapped by community and school groups. Together with noted allergist/asthma specialist Dr. Paul Shapero of Bangor, Henry is conducting programs in which student-athletes are tested for exercise-induced bronchial spasms. The testing, for which Henry wrote the protocol, has helped identify students with severe asthma. The message: “We want them to continue what they’re doing, and to know that they can perform better by taking their medication.”

“One of my responsibilities is to advocate for students, whether that’s in environmental safety, or with a faculty member on behalf of a student with severe asthma who is unable to focus on his or her work,” says Henry. “I encourage all faculty to know what asthma is and how it impacts students’ performance. I advocate that education majors know how asthma affects young children’s learning, because this is an issue they will one day have to deal with in their classrooms.”

News at a Glance

ENGINEERING, LIFELONG LEARNING TEAM UP TO OFFER COURSES VIA THE INTERNET

The College of Engineering and Division of Lifelong Learning are expanding a new chapter in distance education in Maine by offering courses via the Internet and a new video medium. Spring semester offerings include courses in electrical engineering, energy production policy and property descriptions.

Training for healthcare professionals has been available over the Internet from UMaine's School of Nursing since 1994.

Most of the courses will be available both over the Internet and at selected locations via a technology known as compressed video, according to James Patton, associate professor of electrical and computer engineering. To take advantage of courses via the Internet, students must have a computer with up-to-date Internet access, e-mail capability and a software program called RealAudio (free from an Internet World Wide Web address).

When an audio link is activated on the web page by the user, audio information is played as it is received over the network. The audio data need not be stored. It is played and discarded.

The period and duration of each course are determined by individual faculty. Students are given passwords to gain access to the course web page and view the first lesson. Homework is given to reinforce each lesson. The homework may be submitted by mail, fax, or e-mail. The instructor corrects it and e-mails comments to the student, along with the web address of the next lesson. Students may start and complete the course as they choose within a pre-defined time window.

Classes conducted in the compressed video format will be offered through a small number of company-based locations throughout the state. UMaine will contract with these companies to offer short courses directly to their employees, and if they are willing, allow other members of the public to attend classes at these facilities. Courses are live and may connect to eight sites simultaneously using PictureTel teleconferencing technology at UMaine. Students using the compressed video system will be able to fully participate in the Web-based lectures.

CLASS BOOK SUBJECT OF TWO NONCREDIT COURSES

This month, the Division of Lifelong Learning is sponsoring two Continuing Education courses focused on the class book, *I, Rigoberta Menchú: An Indian Woman in Guatemala*. One will be held in Camden Feb. 11 and Feb. 18, offered in collaboration with the Camden Conference and Camden Public Library, and the second Feb. 13 and Feb. 20 on campus.

The sessions, meeting 7 p.m.-9:30 p.m., will focus on discussion of the book. The courses are noncredit but students who take them will be granted one Continuing Education Unit. Students who take the Camden and Orono courses will be invited to hear Alvarado León when he speaks on the Orono campus Feb. 27. They also will be invited to visit the Hudson Museum. To register for the Camden and Orono courses, call the Division of Lifelong Learning, 581-3414.

NCAA OPEN FORUMS SCHEDULED

As part of the University of Maine's NCAA Certification, a process similar to the accreditation of an academic department, and in preparation for the visit of the NCAA Peer Review Team, expected in the late spring or early summer 1997, there will be two open forums to discuss the NCAA Certification Report

prepared by the University. The report has four sections, each focusing on an important aspect of Division IAA athletics: governance and commitment to rules compliance; academic integrity; fiscal integrity; equity. The two forums will each focus on two of these areas.

The meeting focusing on Academic Integrity and Fiscal Integrity will be held in the Lynch Room, Fogler Library, Tuesday, Feb. 18, at noon. The forum focusing on Governance and Commitment to Rules Compliance, and Equity will be held in the FFA Room, Union, Wednesday, Feb. 19, at noon.

Members of the University community, as well as others interested in UMaine athletics, are invited to participate. The report will be distributed on or before Feb. 12 to the following campus constituencies: Association of Graduate Students, Student Government, Faculty Senate, PEAC, CEAC, Council on Women, Faculty Oversight Committee, Athletic Advisory Board and the Alumni Association. Copies also will be placed on reserve in the Fogler Library. If there are questions regarding the meetings or distribution of the report, contact Bob Whelan, executive assistant to the President, 200 Alumni Hall, 581-1513.

Look Who's On Campus



Bernice Sandler, senior scholar in residence at the National Association for Women in Education, will speak Wednesday, Feb. 26 on: "Moving the Unmoveable: Strategies for Institutional Change." Sandler consults with institutions and others about achieving equity for women, and writes a quarterly newsletter, *About Women on Campus*. Beyond women's

educational equity in general, Sandler's expertise includes sexual harassment, "chilly classroom climate," and policies and programs affecting women on campus. Among her many accomplishments at the forefront of issues concerning women in education, she played a major role in the development and passage of Title IX and other laws prohibiting sex discrimination in education. Sandler has co-authored *The Chilly Classroom Climate: A Guide to Improve the Education of Women*, and *Sexual Harassment on Campus: A Guide for Administrators, Faculty and Students*.

Juan Alvarado León, a former exile from his homeland in Guatemala who is a leader of the effort to rediscover the life and culture of the Maya people, will speak Thursday, Feb. 27 on: "Rigoberta Menchú in the World Today." Alvarado León's visit is part of a series of events connected with the campuswide study of the class book *I, Rigoberta Menchú: An Indian Woman in Guatemala*. Alvarado León and Menchú were among the activists forced into exile in the early 1980s. Both have worked together to restore peace in Guatemala and to promote the culture of the Maya, a people who built an ancient civilization that was centered in what is now Guatemala. Menchú was the winner of the 1992 Nobel Peace Prize. That same year, Alvarado León returned to Guatemala from exile in Mexico. A year later, he founded the Maya Defense Team, which was designed to help the Maya promote their political and cultural rights. In 1995 he ran unsuccessfully for vice president of Guatemala as the candidate of a coalition representing indigenous people, labor and human rights groups.

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Snowmobiling Survey

Snowmobiling in Maine has grown substantially in the last decade and now accounts for about \$226 million in direct and indirect expenditures annually, according to the results of a survey by Steve Reiling, Matthew Kotchen and Alan Kezis of the Department of Resource Economics and Policy.

About one-third of that spending stems from purchases of new and used snowmobiles. Smaller amounts include purchases of clothing, fuel and accessories, as well as repair costs.

The Maine Office of Tourism and the Maine Snowmobilers Association provided support for the study. Data was gathered from a survey last fall of resident and non-resident holders of 1995-96 snowmobile registrations in Maine.

Last winter, almost 75,000 snowmobiles were registered for use in Maine, and another 27,700 were registered in New Hampshire. In the last 10 years, snowmobile registration has increased by about 75 percent.

Objectives of the study were to determine the demographic characteristics of people who engage in snowmobiling and to estimate their economic impact. The conclusions are based on 1,683 usable questionnaires returned from a mailing to 2,481 individuals holding Maine registrations. New Hampshire residents with Maine registrations returned 532 surveys from a mailing of 1,000 questionnaires.

Primary findings were:

▼ Direct expenditures amounted to about \$152 million. Some uncertainty derives from poor information about transactions between individuals. Trip-related expenses (gas, food, lodging) accounted for about a quarter of expenses; insurance, maintenance and clothing accounted for most of the remainder.

▼ Indirect expenditures amounted to about \$74 million. This figure is based on estimates of additional spending in economic sectors affected by snowmobiling. It reflects a conservative estimate of how snowmobiling dollars multiply through other parts of the economy. It reflects the fact that most of the money for new snowmobiles and some other purchases leaves the state.

▼ Maine respondents to the survey reflected the demographics of snowmobile registrants. They were overwhelmingly male (87.3 percent), 42 years old with an average annual income of \$49,286 and about 13 years of education. Non-resident snowmobilers have an average annual income about \$20,000 higher than that of residents.

▼ Well-groomed trails, good signs and courtesy among other snowmobilers were considered by respondents to be the three most important factors in selecting a place to ride. Scenic beauty, available services and maps were also significant.

Information about sales transactions among private parties was the weakest part of the study and is an area for future research, says Reiling.

UMaine Actors on Stage

This is the last week for Penobscot Theatre's production of *A Flea in Her Ear*, which includes members of the University community in its cast. The play runs through Feb. 16 at the Penobscot Theatre, Bangor.

Directed by alumnus Jay Skirletz of Perry, the cast includes other alumni and students – Bob Libbey, Tamela Glenn, Ron Adams, Ron Lisnet, Julie Lisnet and Eric Chase.

Remaining performances are 7 p.m. Thursday; 8 p.m. Friday; 5 p.m. and 8:30 p.m. Saturday; 2 p.m. Sunday. For tickets, call 942-3333.

Summertime in Katahdin's Shadow

Only about half of them come from Maine, and despite their overwhelming preference for camping and sightseeing, they do more shopping than expected. Those are some of the results of a first-ever summertime survey of Katahdin Region tourists conducted by Joanne Tynon, assistant professor of parks, recreation and tourism, in collaboration with Donna Moreland, a tourism marketing consultant in Greenville Junction.

Their study begins to fill a significant gap in the foundation for Maine's second largest economic sector. "All of the information usually collected on tourism is for the state as a whole. For regions of Maine, all we have is anecdotal evidence about where people are coming from and what they're doing. For the first time, we have some good solid information for this area," says Tynon.

That information can be used by tourism promoters to design advertising and tap new markets in efforts to expand the region's tourist economy. In a report to survey supporters, Tynon and Moreland recommend that increased marketing efforts be targeted to other New England states, as well as other popular tourist destinations in Maine.

Retirees appear to be an untapped market, they add, and mid-week activities such as hiking and fishing are underutilized.

Tynon coordinated a group of area volunteers who administered a two-page survey in Millinocket and Medway last August. Interviews were conducted with visitors in their cars on two weekends and selected weekdays. Standard precautions were taken to protect survey takers working on the roadways. A total of 480 usable surveys were collected.

Tynon and Moreland are planning a similar survey of snowmobilers in the region this winter.

UMaine Extramural Awards

Elise Turner of the Department of Computer Science has been awarded \$57,443 from the National Science Foundation for a project: "Selecting Information to Include in Cooperative Task-Oriented Designs." The project involves communication between computers and at the interface between humans and computers. Ultimately, the results will provide insights into how computers select useful information to communicate and will contribute to the ability of autonomous underwater vehicles to work together and with scientists.

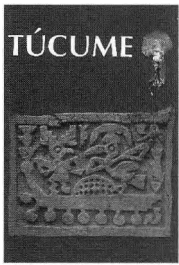
John Vetelino of the Department of Electrical and Computer Engineering has been awarded \$57,095 in the first of a three-year grant from the National Science Foundation for a project: "Undergraduate Research Participation in Electrical Engineering." This award supports 10 undergraduate research positions for the summers of 1996-1998. Topics include robotics, sensors, communication devices and power system applications.

Larry Mayer of the School of Marine Sciences has been awarded a three-year grant of \$445,571 by the Office of Naval Research for a project: "Digestive Kinetics Determines Bioavailability of Pollutants." Investigators are studying aquatic animal digestion as it relates to the uptake of pollutants during feeding. Digestive fluids are being used to measure the fraction of a pollutant actually taken into an animal's system.

James Wright of the Department of Geological Sciences has been awarded \$23,050 from the U.S. Science Advisory Committee for a project: "Ocean Drilling Program Leg 166: the Bahamas Transect." The grant supports participation in ocean drilling activities to investigate the relationship between changing sea levels and geologic processes as demonstrated on the Great Bahama Bank over the past 25 million years.

V O L U M E S

Recent Works by University of Maine Authors



Túcume

By Thor Heyerdahl, Daniel H. Sandweiss, Alfredo Narváez and Luis Millones
(Banco de Crédito, Lima 1996)

In December, UMaine Assistant Professor of Anthropology and Quaternary Studies Daniel Sandweiss was in Peru for the formal presentation of *Túcume*, the newest volume by Thor Heyerdahl, Sandweiss, Alfredo Narvaez, and Luis Millones.

The book details the results of archaeological and ethnographic research in the late prehistoric, monumental site of Túcume, Peru, and in the modern village of the same name. This is a full color, deluxe edition, translated into Spanish, of the book, *Pyramids of Túcume: The Quest for Peru's Forgotten City*, by Heyerdahl, Sandweiss, and Narvaez, published in 1995.

The new edition includes additional graphics, a new introduction by Heyerdahl, and a new chapter on popular religion in modern Túcume by social anthropologist Millones. The book was presented by the director of the Banco de Crédito and by Walter Alva, the excavator of Sipán, on Dec. 11 in Lima, and later that day in Chiclayo, the city nearest the site of Túcume.

Although known to archaeologists for years, little research had been done at Túcume until late 1988, when Heyerdahl, the Norwegian explorer and scientist of *Kon-Tiki* fame, organized the Túcume Archaeological Project. To direct the research, Heyerdahl turned to archaeologists Sandweiss and Narváez of Peru. Field and lab work continued through 1994, with *Pyramids of Túcume* as the first report of the Project's results. *Túcume* is the first synthesis of the on-going research. It is the third authored book by Sandweiss, who has also published seven edited volumes.

ATHLETES FOR SEXUAL RESPONSIBILITY MAKES THIRD VIDEO

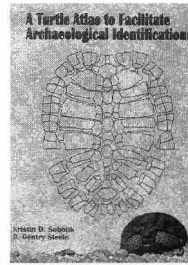
The Party is the newest video performed by student members of Athletes for Sexual Responsibility (ASR).

The 20-minute video features a party scene and the resulting fallout the morning-after. In addition to role-playing, some of the 20 ASR members present educational messages. Sandy Caron, the group's founder/director and associate professor of family relations, urges viewers to think about the scenes, including what the characters could have done differently to avoid problems. Student-athletes then offer suggestions to avoid problems from irresponsible drinking.

"I always understood that drinking can have an impact on our behavior and our relationships, but the process of producing this video made me look at the issue from a different point of view and really showed me how big that impact can be," says Todd Williamson, a football player and an ASR student coordinators.

Caron founded ASR in 1990, and since then the group has been one of the most successful peer education programs of its kind in the country, producing videos and making hundreds of public presentations. The organization is based on the premise that student-athletes can use their role as public figures to draw attention to their message, teaching others about responsible social behavior and sexual practices.

The videos, including two others on rape awareness and smart sex, were taped and edited by UMaine Public Affairs Producer Kim Mitchell.



A Turtle Atlas to Facilitate Archaeological Identifications

By Kristin Sobolik and D. Gentry Steele
(Fenske Companies, Rapid City, S.D. 1996)

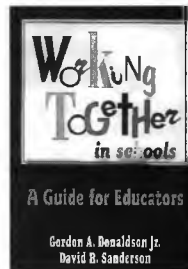
A Turtle Atlas to Facilitate Archaeological Identifications by anthropologists Kristin Sobolik, UMaine assistant professor of anthropology and quaternary studies, and D. Gentry Steele of Texas A&M, is the first atlas

ever published illustrating identification of archaeological turtle remains.

The atlas is complete for all genera of North American turtles and discusses how to identify carapace and plastron bone in addition to cranial and post-cranial elements. The atlas includes 70 figures of drawn and photographed turtles illustrating unique features that allow for identification. Drawings of the turtles are presented in "exploded" view, showing each separate bone of the shell. In addition, the atlas contains photographs of turtle cranial and post-cranial elements, as well as turtle identified from archaeological contexts.

The atlas also provides habitat descriptions, taxonomic classifications, and geographic range maps. Turtles are one of the most frequently misidentified bone from faunal assemblages. The atlas is a must for all zooarchaeologists and paleontologists interested in the identification of turtles in North America.

The atlas was published in conjunction with the Office of Research and Public Service at the University of Maine. This is Sobolik's second book.



Working Together in Schools: A Guide for Educators

By Gordon Donaldson and David Sanderson
(Corwin Press, California 1996)

In Working Together in Schools: A Guide for Educators, Professor of Education Gordon Donaldson and organizational consultant David Sanderson of Ellsworth explore a variety of forms of collaboration in schools.

They suggest a framework for understanding how to build stronger working relationships with and among colleagues as educators meet the challenges of better serving children. In addition, the authors offer practical suggestions to enhance educators' experience of working together.

In their process model, ideas and strategies are organized into four phases of collaboration: convening – establishing purpose and membership; contracting – creating mission and the group; composing – designing collaborative action; and following through – taking action and attaining closure. The authors address some of the common obstacles educators face, including conflict in and outside the group, and flagging energy/commitment. Also discussed are four critical facilitating conditions for collaboration: space, time, leadership and a supportive culture.

As a result of adults in schools working together, Donaldson and Sanderson cite direct benefits for children and for educators involved, as well as the professional enrichment of the school's culture.

Dear Thomas Jefferson

It's hard to pursue happiness on \$418 a Month.

It is the eve of Presidents' Week, and many of the nation's great leaders of the past have been on the minds of University of Maine Onward students. In their American studies, the students read, reflect on and write about the words and deeds of the nation's leaders, and explore where they see themselves reflected in the ideology, rhetoric and doctrine. The students discover what it has meant – and what it means – to be an American.

An outgrowth of the class are presentations like the one made this week as part of the Peace Studies Spring Luncheon Series: "Dear Thomas Jefferson: It's Hard to Pursue Happiness on \$418 a Month." In the presentations, Onward students share with the audience their reflections on the American dream. Addressed to a figure in American history whom they have studied, the students' letters are as poignant as they are personal, and as heart-felt as they are heroic.

The students' written presentations this month were capped by a musical offering performed by Onward student Andrew Geraghty, *My American Dream*.

"The idea of using real correspondence to famous Americans to address the degree ideals are and are not recognized in our lives came from a book by one of my favorite novelists, Saul Bellow," says Assistant Professor of Developmental English Charlotte Herbold, who teaches the course with Assistant Professor of Developmental Reading Joanne Boynton. "The letter-writing voice has proven to be an excellent voice, making for a lively process."

"The course is about the basic assumptions of what America is and about the rights that Americans are supposed to have. This month's presentation focuses on the right to pursue happiness, work hard and prosper. Yet these students recognize that it is becoming increasingly difficult to realize such ideals given the shift and concentration of wealth. That includes the growing number of single parents who struggle to achieve basics such as food, clothing, shelter and healthcare, and the increasing reluctance of society to encourage them," says Herbold.

The class, which averages 50 students a year, is taught from a pluralistic perspective, "letting students see the ongoing dialogue in American history on people with different perspectives," says Boynton. "Bringing in human rights makes the dialogue healthy because each individual can have a voice. The presentations of this learning experience are affirmations of that."

In the 15 years Herbold and Boynton have taught the course, the curriculum has evolved to become focused on personal empowerment through an understanding of American history. With such understanding, the students can discuss the philo-

sophic concepts and use them in reference to their lives.

"If the students didn't have an opportunity to write like this, they would not feel they owned the material; it would just be something they have to learn," says Boynton. "This gives them a sense that they have a right to take part in the national dialogue. From this forum we've seen students find their voices in such venues as local school board meetings. This experience gives them a voice."

It is as if, says Herbold, "these students can hear America singing and be a part of the chorus." ▲



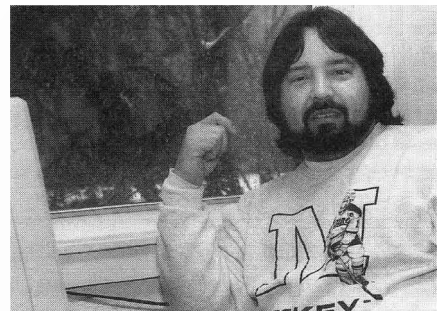
Charlotte Herbold and Joanne Boynton Photos by Kathryn Rice



Dear First Lady Hil

The ideas you express merit. If only they compare, as well as for the. The unfortunate part of the limited view of how the world looks inside the world of beneficiaries spend money from the sticky Welfare

The \$312 a month include the money I pay a week in daycare for Elizabeth Woodbury of York, aspiring to law school. The and children. What people on \$312 a month, be a student in seasonal jobs time up and I realized I could

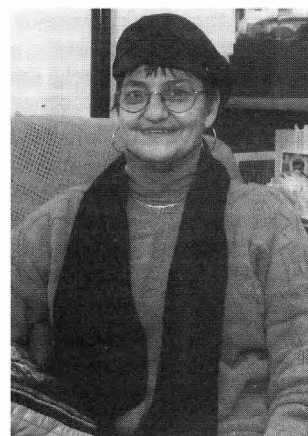


Dear President

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George Theriault of Bristol, Conn., is a junior pursuing a degree master's. After working a number of entry-level jobs, he said I



Dear First Lady Abi

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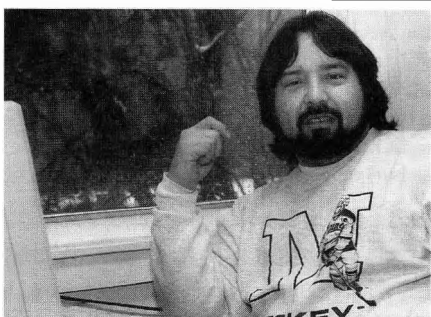


Dear First Lady Hilary Clinton,

The ideas you expressed in *It Takes a Village* are valid and have merit. If only they could actually be implemented, life for me and my peers, as well as for their children, would be a hundred-fold easier. The unfortunate part of this whole situation is that you have a limited view of how the system really works. Yours is a privileged look inside the world of a corrupt Welfare system of red tape whose beneficiaries spend most of their time trying to untangle themselves from the sticky Welfare web.

The \$312 a month I have been "awarded" per month does not include the money I pay for tuition (or the almost \$500 in rent or \$80 a week in daycare for my son). . .

Elizabeth Woodbury of York is a sophomore studying political science and aspiring to law school. There she plans to specialize in advocacy law for women and children. What people don't understand, she says, is how difficult it is to live on \$312 a month, be a single parent and pursue an education. "I was flourishing in seasonal jobs that were not going anywhere. The birth of my son woke me up and I realized I couldn't float any longer," she says.



Dear President Thomas Jefferson,

Two hundred years ago, you authored one of the greatest documents in the history of our country when you wrote the Declaration of Independence. Your statements that all men are created equal and are endowed with the inalienable rights to life, liberty and the pursuit of happiness are the ideals we have tried to live up to since that time. I dare say you would probably be appalled to see that our country is still of the rich, by the rich and for the rich.

How did it come to pass that I budget as carefully as possible to make sure that \$7,000 lasts 10 months, while others can afford to spend \$7,000 and more on jewelry in one weekend? I have chosen this path I am on – a student at the University of Maine – because I see it as an investment, not only in my future but in my daughter's, as well. But why is this choice of mine to improve my future welfare constantly under attack by politicians? I don't need to be scapegoated, I need to be supported . . .

George Theriault of Bristol, Conn., is a junior pursuing a degree in business administration. He plans to go on for his master's. After working a number of entry-level jobs, he said it was clear that he could do more with an education.



Dear First Lady Abigail Adams,

I want to thank you for writing to your husband, John, about the "coffee party" that the Daughters of Liberty held in 1777 in Boston. Not too many historians recorded this uprising because those involved were women, but you did.

I, too, am a Daughter of Liberty. My coffee party began in 1963 with the Freedom March. I heard Martin Luther King give his "I Have a Dream" speech, and the veil fell from my eyes. I have never thought about America in the same way since.

University students in the 1990s don't seem to be aware of the need for revolution and for community service. They should volunteer, they should have coffee parties, and when they become aware, the spirit will be rekindled and the revolution will continue . . .

Beverly Buxton of Enfield, a junior studying human development, is a self-described revolutionary who worries about the cynicism and disillusionment of young people, knowing that recapturing a spirit of protest could mobilize people. She is a single parent of three – two with master's degrees, a third at UMaine.

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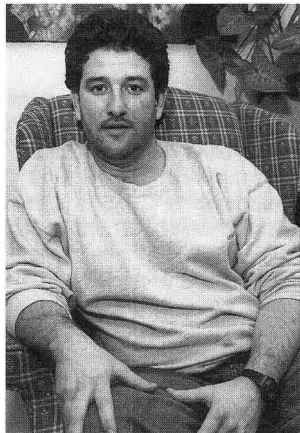
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Dear President Bill Clinton,

In some ways, being injured (on the job) was lucky because it brought me to the realization that I needed an education, and in beginning to get that education, I have come to realize that the gap between the workers and the owners, between the haves and the have-nots in my hometown is a chasm that is destroying the community.

I want to thank you for your inaugural speech, especially for promising to heal the breach that is disuniting the United States. Not only is it a breach between Republicans and Democrats, it is a breach between workers and employers that destroys hope, individuals and families. . .

Craig Woodruff of Princeton is a first-year student who plans to pursue a career in youth services. Determined not to become a statistic, Woodruff, the father of two, says that he is struggling to change the "negative things in my life, to set an example, to pave the way for my children."



Dear First Lady Eleanor Roosevelt,

In 1949 you wrote: "This country can and must show that democracy isn't just a word, that it means regard for the rights of human beings; that it means that every kind of freedom that allows people to grow, and allows them to develop their own potentialities and their own interests; that we recognize that democracy, as a basis for government, has to assume certain obligations to its citizens." It is because of this belief, and the passionate dedication of advocates for equal opportunity for all such as yourself, that I am where I am today.

I am very concerned, though, about the fate of the families we work with, particularly the women and men who are being denied access to supports and services necessary to obtain a college education because they are poor. . .

Penny Gray of Bangor is a graduate of the Onward Program, having received her master's degree in social work in 1995. Since September, the single mother of two has worked at Onward as a counselor. She left a satisfying job to return to school when it was clear that any chance of promotion was inextricably linked to having a higher degree. The goal should be to ensure that everyone has access and equal opportunity to an education, she says.



Dear Senabeh,

One of my favorite Penobscot myths is about how Koluscap, a spirit helper to the creator, shot an arrow into an ash tree. The tree split open and the Penobscot people came out. I find this story attractive because it shows the Penobscot people's connection to the natural world.

But the white man's greed has poisoned the Penobscot River. The white governor has said that the dioxin will be out of the river in four years. Will he keep his promise?

Al Glossian of Indian Island is a second-year student studying psychology. A Vietnam veteran and Native American, Glossian chose to address his concerns to the Penobscot medicine man. His focus is on the impact of corporations on Maine's natural environment, including the polluting of the state's rivers with the release of dioxins. For Glossian, the ultimate insult is to be a fisherman and not be able to eat your catch because of the contamination of Maine's waterways.

Deborah Rogers, professor of English: "Reading," *Encyclopedia of Feminist Literary Theory*, edited by Elizabeth Kowaleski-Wallace, Garland Publishing Inc., New York & London (1997) pp.339-40.

Pauleena MacDougall, associate director of the Maine Folklife Center: "Native American Industry:

Basket Weaving Among the Wabanaki," *American Indian Studies: An Interdisciplinary Approach to Contemporary Issues*, edited by Dane Morrison, Peter Lang Publishing, N.Y. (1997).

Professor **Michael Lewis**, Art Department, has had three paintings acquired by the Portland Museum of Art in Portland, Maine. The paintings entered the collection as part of the bequest from the Elizabeth Noyce collection. A painting, *Summer Green*, is currently on view in an exhibition of new additions to the permanent collection.

Bruce Barber, associate professor of marine science; graduate students **Ryan Carnegie** and **Chris Davis**; and William Mook: "Effect of Timing of Seed Deployment on Growth and Mortality of Oysters, *Crassostrea virginica*, Affected by Juvenile Oyster Disease (JOD)," *Journal of the World Aquaculture Society*, 27(4): 443-448 (1996).

Douglas Nangle, assistant professor of psychology, **Cynthia Erdley**, assistant professor of psychology, and **Joel Gold**, professor of psychology: "A Reflection on the Popularity Construct: The Importance of Who Likes or Dislikes a Child," *Behavior Therapy*, 27:337-52 (1996).

Gloria Vollmers, assistant professor of accounting: "The Persepolis Fortification Texts: Accounting and Control in Ancient Persia from 509-494 B.C.," *Accounting Enquiries*, 6:1 (August 1996).

Steven Barkan, professor of sociology: "The Social Science Significance of the O.J. Simpson Case," *Representing O.J.: Murder, Criminal Justice and Mass Culture*, edited by Gregg Barak (Harrow and Heston Publishers, 1996).

François Amar, associate professor of chemistry: "Structure, Dynamics, and Spectroscopy of Aniline-(Argon)_n Clusters. I. Experimental Spectra and Interpretation for n=1-6," with S. Douin, P. Parneix and Ph. Bréchnignac (of the University of Paris), *Journal of Physical Chemistry A* 101, pp. 122-38 (1997).

Andrew Madden, former graduate student in zoology, and John Moring, professor of zoology: "The Good, the Bad, and the Ugly," *Maine Fish and Wildlife*, 38(4):19-22.

Robert Milardo, professor of family relations, with Graham Allan of the University of Southampton, UK: "Social Networks and Marital Relationships," pp. 504-22 in S. Duck, University of Iowa, K. Dindia, University of Wisconsin, W. Ickes, University of Texas, R. Milardo, R. Mills, University of Manitoba, and B. Sarason, University of Washington (Eds.), *Handbook of Personal*

Relationships: Theory, Research and Interventions, London: John Wiley and Sons.

An article by the late professor **Peter Csavinszky**, physics and astronomy: "Gram Determinantal Inequalities with Elements $\langle r^m \rangle$ " Obtained from Hylleraas Waved Function for the $2S$ States of the Three-electron Systems Li, Be⁺, B²⁺, C³⁺, N⁴⁺, O⁵⁺, F⁶⁺, and Ne⁷⁺," *Croatica Chemica Acta* 69:927-32 (1996). This is Csavinszky's final paper. This volume of *Croatica Chemica Acta* was dedicated to his memory.

Professors **Pushpa Gupta** and **Ramesh Gupta**, Department of Mathematics and Statistics, with R.C. Tripathi, University of Texas at San Antonio: "Analysis of Zero-adjusted Count Data," *Computational Statistics and Data Analysis*, 23:207-18 (1996).

Book Ends

New & Noteworthy at the University Bookstore

▼ **Author signings** – Wednesday, Feb. 12, 1-2 p.m. Margo Cobb, retired television executive who lives in Bangor, is the author of *The Granite Man*. She will join us to autograph copies of this new novel, set in the fictional Maine town of Sabine Harbor.

Lynn Flewelling, author of *Luck in the Shadows*, will be at the Bookstore to autograph copies of her latest book, *Stalking Darkness*, Thursday, Feb. 20, 12:30-2 p.m.

▼ **February is Black History Month** – Join us in celebration. The Bookstore will have a display of related titles in the front of the store, and will offer 25 percent off these, as well as all titles from our African American Studies section, throughout the month of February.

Book Reviews:

Southern Journey: A Return to the Civil Rights Movement, Tom Dent—1997. Full of impressive insights into the history of the Civil Rights Movement. In the process of retracing history, Dent takes stock of gains and losses, the state of the Dream, and the health of the American nation. A wise, memorable book.

An Easy Burden: The Civil Rights Movement and the Transformation of America, Andrew Young—1996. In this long-awaited memoir of one of the highly regarded elder statesmen of the Civil Rights Movement, Andrew Young charts a role for America in the world as a standard-bearer for freedom, peace, and prosperity.

In our children's department...

A Way Out of No Way: Writings About Growing Up Black in America, Jaqueline Woodson—1996. A great collection of 'coming-of-age' poetry and stories for young adults is presented by this award-winning author. Includes many noted African American authors such as James Baldwin, Nikki Giovanni, Jamaica Kincaid, Toni Morrison, and Langston Hughes.

The Watsons Go to Birmingham-1963, Christopher Paul Curtis—1995. Winner of numerous book awards, this young adult novel will take you on a trip like no other. You will follow the Watson family to Birmingham in 1963 at the height of the Civil Rights Movement. This novel, both comic and tragic, is exceptional.



UMaine Instructional Technologies has been awarded the 1996 "Meridian SuperNode Operational Excellence Award" by NORTEL officials. The program is designed to give recognition to the Meridian SL-100 site

teams who demonstrate excellence in their day-to-day maintenance activity, switch performance and end-user satisfaction. The award is presented to the site team that has met or exceeded certain criteria during the performance period. Peter Gunn, the NORTEL on-site technical support engineer at UMaine, developed a Web site that tracks all maintenance activity and allows easy access to essential site information for the entire Telecommunications maintenance team of Instructional Technologies. This is the second time the University has won this prestigious award. On hand for the presentation were, left to right, Michael Conlogue, a UMaine Telecommunications engineer/analyst, Niles Pierson of NORTEL, Provost Judi Bailey and Peter Gunn.

Photo by Kathryn Rice

NOMINATIONS FOR CLASS BOOK

The Academic Affairs Committee of the Faculty Senate needs your nominations for next year's class book. The book is selected by the Academic Affairs Committee and the director of College Composition. The following guidelines are used in selecting the book:

- ▼ The book should be of sufficient intellectual rigor and cultural interest to engage an audience of university faculty and students, yet broad enough to appeal to a diverse academic community.
- ▼ All nominations must be accompanied by a copy of the book and a one-page statement outlining the arguments in its favor.
- ▼ The book should be available in paperback and be reasonable in cost. Selections from past years are:

1992—*Hen's Teeth and Horse's Toes*, by Stephen Jay Gould

1993—*Lying*, Sissela Bok

1994—*The Disuniting of America*, by Arthur Schlesinger, Jr.

1995—*The Things They Carry*, by Tim O'Brien

1996—*I, Rigoberta Menchú: An Indian Woman in Guatemala*, edited and introduced by Elisabeth Burgos-Debray

Nominations will be accepted through Feb. 14. Send your nominations to: Constance Perry, Academic Affairs Committee, 329 Shibles Hall.

Warren Riess, research associate professor of history, delivered a paper: "Evaluation of Preservation Efforts for the Revolutionary War Privateer *Defence*," at the Society of Historical Archaeology International Conference, Corpus Christi, Jan. 10.

Judith Collins, assistant scientist of applied ecology and environmental

sciences, has been notified by the Interregional Research Project No. 4 (Minor Crop Pest Management) Technical Committee that she has been selected as recipient of the 1997 Northeast Region IR-4 Outstanding Technical Service for her long-standing support of and contribution to the IR-4 Project.

Jeffrey Wilhelm, assistant professor of literacy education, presented a talk and workshop on teaching reluctant learners for the Rutgers Literacy Area Network Nov. 13. His presentation was part of Rutgers University's Distinguished Lecture program.

College of Education faculty presenting at the Nov. 14-15 Maine Principals' Association Conference in Portland were: **Walter McIntire**, "Update on Multi-age Research"; **Paula Moore**, "How to Assess Program Needs for Successful Implementation of Reading Recovery Programs"; and **Robert Cobb** and **Gordon Donaldson**, "Sports, Schools and Learning Results," along with Orono High School Principal Thomas Perry and Sumner High School Principal Katie Donovan.

Douglas Nangle, assistant professor of psychology, presented: "Making the Transition from Student to Mentor," as part of a panel discussion on mentoring in clinical psychology at the Association for Advancement in Behavior Therapy in New York City, Nov. 21-24. Also presented at this conference by Nangle, **Cynthia Erdley**, assistant professor of psychology, and **Carrie Anne Pietrucha**, graduate student: "Attributions, Legitimacy Beliefs, Gender, and Race as Predictors of Children's Aggressive Behavior." In addition, Nangle, **Melinda Smith**, graduate student, **Jeffrey Hecker**, associate professor of psychology, and **Christopher Johnston**, undergraduate student: "Incorporating Developmentally-Based Perspective Taking Assessment and Training in the Treatment of Adolescent Sex Offenders."

Naomi Jacobs, associate professor of English, presented a paper: "Animal Nature and Utopian Praxis in William Morris," at the Nashville conference of the Society for Utopian Studies, Oct. 31-Nov. 3. Jacobs is a member of the Society's steering committee and awards committee, and of the editorial board for the journal, *Utopian Studies*. Jacobs also gave an invited lecture Nov. 26: "Utopianism in American Culture," to the American Studies Program of the English Institute, University of Lodz, Poland.

Steve Kahl of the Water Research Institute led a water resources monitoring design workshop Jan. 9-10 at Acadia National Park.

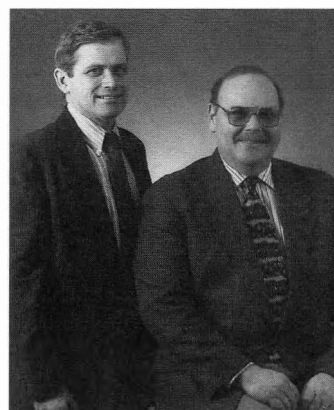
Ivan Fernandez, **Terry Haines**, and **Steve Norton** from UMaine were participants, along with Park Service, EPA, USGS, and state agency scientists. The purpose was to design the water resources monitoring program for Acadia National Park for the next two decades.

Judith Graham Colburn attended the Children, Youth and Families at Risk Conference for State Project Directors and Evaluators: Strong Families, Competent Kids & Caring Communities, Jan. 14-17, Tucson.

Marisue Pickering, professor of communication disorders, organized a multi-national mini-seminar presentation: "Around the World in Clinical Education," with presenters from the U.S., Canada, the U.K., Hong Kong, Australia, and South Africa at the 1996 meeting of the American Speech-Language-Hearing Association, Seattle, November.

Thomas Sandford, associate professor of civil engineering, presented: "Bitumen-coating of Batter Piles," and "Effects of Infilling on Infiltration Through Pavement Cracks," at the 76th annual meeting of the Transportation Research Board in Washington, D. C., Jan. 12-16. In addition, Sandford chaired Committee A2K04, Subsurface soil-structure interaction.

Michael Vayda, associate professor of biochemistry, microbiology and molecular biology, presented an invited lecture: "Stress Induced Changes in Translational Activity in Potato Tubers Are Mediated by Actin Microfilaments," to the 19th Annual Symposium in Plant Physiology: "Mechanisms Determining mRNA Stability and Translation in Plants," held at the University of California at Riverside, Jan. 16-18. Vayda also was invited to serve as chair/discussion leader for the session on Translation Initiation.



Two University of Maine faculty members were among the 725 American Fulbright Scholars this year. **Ralph Townsend**, left, professor and chair, Department of Economics, lectured and conducted research in economics and Icelandic fisheries management, primarily at the University of Iceland, Reykjavik, and **William Small**, professor of German, visited various institutions in Germany as part of the Fulbright German Studies Seminar.

Townsend was in Iceland July-December. The research part of the project collected a complete

time series of data on the individual quota (IQ) fisheries management system in Iceland, which began in 1975 for herring and capelin and in 1984 for most other species. This is one of the longest-running IQ programs in the world. Townsend worked with two faculty members at the University of Iceland – **Ragnar Arnason**, professor of economics, and **Gisli Palsson**, professor of anthropology – on the data collection process. Townsend expects to continue collaboration with these researchers on questions about how the IQ system has changed the fishing industry in Iceland. Townsend also taught a course in institutional economics, presented several lectures in Iceland, and presented a continuing education course on fisheries management. Among those attending this continuing education course were two members of Iceland's parliament, the Althing. Townsend has been involved with fisheries research since 1979. He joined the faculty of his alma mater in 1981. This was his first Fulbright.

On this, his second Fulbright, Small spent June and July attending seminars on Jewish studies in Germany. The seminars, the first of their kind, were sponsored by Fulbright of Germany in cooperation with Brandeis University, and held in five locations across the country. In Germany today, there is a resurgence of interest in Jewish studies with more than 20 study centers now established. Small was one of 20 U.S. scholars of German or Jewish studies attending the seminars. In addition to the latest research, the seminars fostered scholarly contacts across Germany and the U.S. German Jewish studies and literature have been a focus of research by Small for the past decade. He has been a member of the UMaine faculty since 1972, and had his first Fulbright 10 years ago in Berlin.

Steve Sader, professor of forest resources, participated in a press conference in Guatemala City Nov. 22: "The Maya Biosphere Reserve from Space: A National Emergency Issue." Participants in the press conference were representatives from Conservation International (CI), Guatemala National Commission for the Environment (CONAMA), Guatemala National Council for Protected Areas (CONAP), NASA-Stennis Space Center and the University of Maine. The purpose of the press conference was to present results of UMaine's Forest Management Department's analysis of forest and land cover change as a tool for conservation monitoring, and to present CI's work in promoting sustainable economic alternatives to deforestation in the Maya Biosphere Reserve. More than 30 media professionals representing eight newspapers, four television stations, three radio stations and one magazine participated. Sader was interviewed by three reporters, including those from two leading daily papers in Guatemala

(*Siglo Veintiuno* and *Prensa Libre*). More than 20 newspaper articles and editorials appeared between Nov. 20-Dec. 8, in addition to several radio and TV programs.

Max Egenhofer, associate director of the National Center for Geographic Information and Analysis, associate professor in spatial information science and engineering, and cooperating associate professor in computer science, gave an invited talk: "Research Directions in Geographic Database Systems," Oracle Corp., Nashua, N.H., Oct. 25.

Professors **Pushpa Gupta** and **Ramesh Gupta**, Department of Mathematics & Statistics, participated in an International Conference on Quality Improvement Through Statistical Methods, held in Cochin, India, Dec. 28-31. P. Gupta presented: "A General Approach to Studying Random Environmental Models." R. Gupta presented: "Non-monotonic Failure Rates and Mean Residuals Life Function," and chaired a session.

Czech Republic *continued from page 2*

that are otherwise of little practical use to the international scientific community, and recommending books for publication.

Sweney's position in Votobia and his presence in the Czech Republic have afforded him a new awareness of literature and culture – and a different outlook on the freedoms he once took for granted during his formative years as a writer.

"I always had a great appreciation for books, though even more so now that I've been abroad," he says. "I realize that public libraries, a cornerstone of democracy, simply don't exist in many places, and the possibilities for self-education are limited at best."

Growing up in Waterville, Sweney regularly visited the public library, which he considers a main influence in his life. It was there that he discovered his life's ambition – to become a writer.

At 17, the Waterville High grad enrolled at Cornell University to major in linguistics and film. After his second year, he took a hiatus that lasted eight years, during which Sweney lived in New York City and San Francisco. Those years he "worked as a free-lance writer, but managed a video store for money."

It was during this time, he says, that "I realized that I missed Maine, and it would be nice to return." He enrolled at UMaine and completed his bachelor's degree in English in 1992. It was while working on his master's degree that included a teaching assistantship and a research fellowship with UMaine's National Poetry Foundation that Sweney came to know other writers who would change his life.

Working with Burt Hatlen, director of the National Poetry Foundation, Sweney did editorial work on a compilation of poetry by Kenneth Fearing. Conveniently, it mirrored Sweney's own thesis research – a bibliography of Fearing's prose.

However, more important to Sweney's future was the visit to the English Department of a Czech translator and 1994 Fulbright Scholar Petr Mikes. After the break-up of Communism, Mikes and some colleagues started Votobia. Among the first works published was a bilingual volume of poetry by Jack Kerouac that included one of Sweney's essays as the afterword.

Sweney and Mikes, who visited UMaine on two occasions, struck up a friendship that landed Sweney an open invitation to come and work for Votobia. Sweney's talents as an American writer in the Czech Republic have made him an asset to the fledgling publishing house.

Sweney now lives in a country where more than 3,000 publishing houses like Votobia opened after the official fall of Socialism and the country's resulting break from Slovakia. Many of the new businesses went bankrupt quickly, due to the inexperience of the managers and the instability of the country's economy. As a result, many changes have taken place in a short time in the Czech Republic. And yet some things will never change. It is that challenging mix on which Sweney thrives.

"Poetry doesn't sell now because it's no longer controversial," says Sweney, who makes his home in the town of Olomouc.

"Everyone was writing and buying poetry before because it was illegal, a sort of rebellious act, but now that Socialism is gone, poetry has lost its attraction. People watch Schwarzenegger videos on their new VCRs instead." ▲

CONLEY ACCEPTING APPLICATIONS

The Conley Speech and Hearing Center, L-5 North Stevens Hall, is now accepting new clients for the spring semester diagnostic clinic—preschool through adult—with speech/language/hearing disorders. Complete speech/language/hearing evaluations are scheduled in our Friday diagnostic clinic ending April 18. For more information, call x2006.

Media Spotlight

Brawley in *Sciences et Avenir*

The December issue of the French science magazine, *Sciences et Avenir*, carries a news item about research by Susan Brawley, professor of plant biology, and her students on the relationship between water motion and reproduction by a common brown seaweed. The research shows that the plant senses water motion and withholds the release of reproductive cells until the water is calm.

Mahmood in *Ottawa Citizen*

Cynthia Mahmood, associate professor of anthropology, was interviewed recently by the *Ottawa Citizen*, a 200,000-circulation daily newspaper, about a recent fight at a Sikh temple in Canada. Mahmood is author of the recently published *Fighting for Faith and Nation: Dialogues with Sikh Militants*. Her research also has attracted the attention of the *Waterville Sentinel*.

Weller in *Chicago Sun-Times*

Herman Weller, associate professor of science education, is cited as a resource in a Jan. 19 *Chicago Sun-Times* story on the rush of schools to get connected to the Internet. While the Internet is a great source of information, it's not the silver bullet for fixing what's wrong with education, according to other experts cited in the story. Weller has a featured inset quote in the story: "Teachers are always arguing with kids that because it's on the Internet doesn't mean it's true."

Fogler's Patent and Trademark Depository in News

The Fogler Library Patent and Trademark Depository has received local media attention in recent months. *The Weekly* carried a front-page story about the Depository and inventing in its Jan. 11 issue, and Channel 5 aired a report about trademarks and the PTDL in December. The Depository has received a new Pentium workstation and laser printer from the U.S. Patent and Trademark Office. The new computer enables faster searching and displays U.S. patent images from CD-ROM.

Hausman in *Trenton Times*

Charles Hausman, assistant professor of educational leadership, is cited as a resource in a page-one story in *The Trenton Times* on the debate over charter schools in New Jersey. Hausman advises caution and a clear set of goals in establishing charter schools. Too often alternative schools try to do too many things and end up not doing any of them well, he says.

World Wide Web Watching

The Office of Research and Sponsored Programs now has a Home Page at: <http://www.ume.maine.edu/~spd/index.html>

Webmaster for the site is Arlene Russel. Photos by Dick Carlson.

This office shares with faculty and staff the responsibility for seeking grants, contracts, and other extramural funding in support of the University's research, teaching, and public service missions. ORSP also shares with project directors and their departments the responsibility for managing funded projects. Toward that end, the OFSP Home Page was developed to best serve the academic community.

The Web site viewer will find research administration policies and procedures, pre-award services to include funding sources, post-award services, faculty to include various agreements, Research Funds Program information, Research Risk committees, patent and copyright information, our staff directory and other University research office sites. Access to the sundry federal regulations and laws, current indirect rates, fringe benefits, and grad tuition information are also available.

Healthcare *continued from page 2*

For "Hancock Healthsource," the students chose Hancock County as a test case for their idea. Its 47,000 people are scattered among one city (Ellsworth), 36 towns and 15 unorganized territories covering 1,522 square miles.

The students brought together Hancock County healthcare providers to discuss their needs. Included in the discussion were people who work in agencies that deal with physical, mental and social health problems. The team concluded:

- ▼ Healthcare providers make a lot of "referrals" to specialists. For example, a person who lost a leg in a construction accident might need to see an occupational therapist, a psychologist and the person who will design an artificial limb.

- ▼ Providers have to spend a lot of time finding the specialists.

- ▼ In some cases, providers aren't up to speed on who provides what service, even close to home.

"You can play telephone tag with somebody for two or three days to try to get service for a patient," says Joann Kovacich, director of UMaine's ITHCRA project. Sometimes patients wind up visiting specialists who are dozens, even hundreds, of miles from each other in Maine.

After meeting with the providers, the students designed enrollment forms and surveys, then collected information. They began putting what they gathered onto a World Wide Web site.

More than 140 practitioners and agencies within easy reach of people in Hancock County are listed in "Hancock Healthsource." About 30 percent are in mental health, another 30 percent are considered primary care, 15 percent are healthcare facilities, and about 10 percent are agencies. The remaining 15 percent represent other healthcare options, including alternative care.

Using the point-and-click approach on a computer, a healthcare provider can search the database by category — type of service, location, even method of payment. An interactive map of Hancock County helps when deciding which provider's location would be best. Then, if the provider has e-mail, the searcher can send a message directly to the provider listed in the database.

The Web site address is: <http://www.ume.maine.edu/~ittproj/hh>.

"Hancock Healthsource" is just one of several projects created by students in the ITHCRA program. "Island Net-ing" is a design for an on-line nutrition program for Jamaica. Yet another, "C-SCAMP," is an on-line computer survey of attitudes toward chronic pain by a variety of healthcare providers.

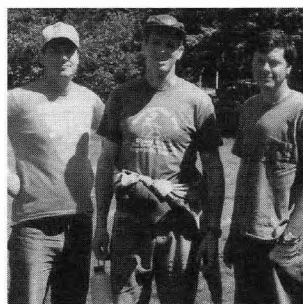
"What we're trying to get across, why we began ITHCRA, is that all the healthcare professionals need to know what all healthcare professionals can provide," says Kovacich.

About 20 states have a network of more than 30 ITHCRA programs, primarily started with federal funding. The federal grants that help pay the bills are for three-year periods. Kovacich says only two state programs — in Maine and New Mexico — have won three-year funding three consecutive times.

In the program's first three years at UMaine, when the Web was in its infancy, ITHCRA considered using interactive television as its primary resource. Now the focus is on a "computer-mediated community" of healthcare providers that saves time for providers and consumers alike.

Kovacich says UMaine's program is also expanding its electronic program links, with newly developed ties to a chiropractic program in Iowa; the C. Everett Koop Institute at Dartmouth College in New Hampshire; the University of New England in Biddeford; and Husson College, among others.

"The technology is just a supplemental tool," says Kovacich. "The very basis of the grant was to get healthcare professionals to broaden their notions about what they can do for consumers of healthcare, and for each other." ▲



Steve Shaler, Rick Eason, Jim Patton

RESCUERS ON CAMPUS

Three members of the University community are among the many outdoor enthusiasts in Maine who have already made reservations for a cabin in Baxter State Park for the upcoming camping season. The families of Steve Shaler, Rick Eason and Jim Patton have been camping together for the past two years. But few of their memories in the shadow of Mt. Katahdin will ever compare to their adventure last August when the three men were

among 30 volunteers and park rangers who joined forces to assist a fallen hiker. On Aug. 18, a cold and rainy afternoon, park rangers from Daicey Pond stopped by the families' cabin to report that a woman had fallen 10 feet while hiking on Mt. Katahdin's Hunt Trail. Shaler, Patton and Eason joined the volunteers, who included UMaine's Doug Johnson who also was camping in the area. The rescue effort became a night-time trek up the mountain after 30-mile-per-hour winds precluded an air rescue by helicopter. The volunteers reached the fall victim at 11:20 p.m., but had to spend the night on the mountain when it was deemed that returning down the trail in the dark was too treacherous. At sunrise, the volunteers and rangers began the process of bringing the fallen hiker down the mountain. For a mile, the litter with the injured woman was moved hand over hand down the row of volunteers. By mid-day, an Army National Guard Helicopter arrived and carried the injured hiker to a hospital. The arduous adventure will not deter the enthusiasm Shaler, Eason and Patton have for Mt. Katahdin. Patton says he looks forward to hiking the summit again — this time in the daylight.

Search *continued from page 2*

professional representative Judy Round; alumni/community representative Trish Riley of Brunswick, Class of '73/'78; student representative Karla Bosse; and faculty representatives James Horan, Lynn Katz and Howard Segal.

National and in-state advertising of the position has begun. In addition, national educational consultant Alan Ostar will be assisting the committee.

This month, the committee is expected to learn the results of an environmental scan of the University, conducted by the research and consulting firm of Penson-Strawbridge and designed to gauge the climate on campus.

The committee hopes to have a presidential candidate to recommend to Chancellor Terrence MacTaggart and the Board of Trustees prior to President Fred Hutchinson's retirement June 30. ▲

International Notes



Study Abroad Opportunities

Faculty support is needed to encourage UMaine students to study abroad. Each of the UMaine Study Abroad programs has a faculty coordinator who works with the Office of International Programs to endorse this academic experience.

Students can study for one semester or for a year, and with proper planning, can select courses that support their programs of study so that graduation remains timely. Most programs are through official UMaine exchanges, with costs nearly the same as staying on campus. Programs are available in English, and are open to students in all colleges. Students may also study in other languages.

Contact the Office of International Programs if you would like a class presentation, or for more information on our Study Abroad programs. We want to fully educate and prepare our students as they enter an increasingly smaller and more accessible world.

Call the Office of International Programs, 581-2905.

President's Council on Women

What will it take to gender balance the UMaine curriculum? To ensure that courses include the history, contributions, values, perspectives and concerns of women, as well as those of men? To develop a learning environment in which the academic climate for women students is as hospitable as it is for men, especially in programs in which women are or have been in the minority? To make sure to include the experience and contributions of women of all races, classes, ethnic groups, ages, religions, sexual orientations, and abilities?

The 1988 report of the President's Task Force on Women identified these as important concerns, and the present Council continues to give them high priority. Although the Council recognizes that this is more of a process than an achievable goal, it seems to us that progress has slowed in this effort. Some faculty members may confuse hiring women in their department with gender balancing their own courses or paying attention to women's issues. Others may have taken the development of the Women's Studies Program and departmental courses on women as a release from their own responsibility for curriculum transformation. (One faculty member, the only woman in her department, reports that her colleagues drop all their copies of mailings on women's issues into *her* mailbox.)

Help is available. For more than 15 years, the Women in the Curriculum and Women's Studies Program has provided assistance for faculty and students interested in gender balance and women's issues. (As we said, gender inclusion is a process.) In some departments such as Sociology, Modern Languages and Classics, and Communication and Journalism, and in the School of Performing Arts, a number of people have benefitted from WIC's resources, and the whole department's curriculum has become more inclusive. New areas of research have opened up for some participating faculty, while others have brought new perspectives to their existing research programs. Academic climate grants have improved the environment for women in the departments of Chemistry; Physics; Animal, Veterinary and Aquatic Sciences; Spatial Information Sciences and Engineering; Applied Ecology and Environmental Sciences; and Forest Resources.

Here are some suggestions for faculty interested in beginning or continuing this exciting and important work:

1. When the WIC newsletter appears in your mailbox this month, read it yourself and follow up on some of its suggestions. Small summer grants for curriculum revision, research and academic climate projects are available from WIC for this summer. Call Council member and WIC Director Ann Schonberger, 581-1229, to discuss your ideas.
2. Find out who in your department (male or female) is interested in curriculum transformation and academic climate issues in your discipline, and exchange ideas. WIC summer grants are also available to teams. Larger grants are available to teams working on substantial departmental transformation.
3. Visit the WIC office, 101 Fernald Hall, to meet with its staff or to use its library shared with the Women's Resource Center. It includes not only books and journals, but videos on a variety of issues suitable for classroom use.
4. Check out the resources on women at Fogler Library. Council member and reference librarian Nancy Lewis and her colleagues can be most helpful.
5. Encourage students to explore topics on women in your courses. You might be surprised at how much they have to offer.

1997 BIRD AND BIRD INSTRUCTIONAL AND FACULTY DEVELOPMENT GRANTS

The Adelaide C. and Alan L. Bird Fund for the Improvement of Teaching Quality was established in 1971 to finance innovative projects in undergraduate teaching. The fund is administered by the Vice President for Academic Affairs, with the Faculty and Instructional Development Committee operating in an advisory capacity. Proposals are solicited for projects that produce direct and significant improvement in undergraduate teaching and learning. The 1997 grants will be awarded to individual and collaborating faculty members. Group proposals may come from departments, colleges, or other academic programs or units.

Emphasis—Bird and Bird funds are limited to the direct support and improvement of undergraduate teaching. Individual faculty are encouraged to collaborate with peers, as well as with faculty members of other colleges and academic units. Proposals should contain instructional goals that are consistent with the teaching priorities of the colleges and units involved in the proposal. Innovative ideas are encouraged, provided that the proposed improvements support fundamental change. This year's guidelines will continue to give some priority to proposals that address implementation of the general education requirements. Efforts in this area might include interdepartmental and intercollegiate cooperation as well as development or modification of specific courses. Proposals addressing other significant teaching needs, not directly related to general education requirements, will also be given serious consideration. The Committee also solicits specific comments, where appropriate, demonstrating how the proposed activity will reflect and respond to the racial, cultural, language, and gender differences which exist in the undergraduate population at the University of Maine, and support a learning environment where these differences among students can become a resource for all.

Amount—A pool of \$30,000 is available for grants. Faculty members may request up to \$6,000 of funding for individual proposals. All faculty at the University are eligible.

Procedure—An application form and project description should be submitted to the Bird and Bird Fund, Academic Affairs, 201 Alumni Hall. The project description should include:

1. description of the project
2. rationale for the project
3. discussion of expected results, including the number of students and the ways students will be directly affected
4. procedures for evaluating the project
5. all information requested on budget form
6. a review of any past Bird and Bird grants and the success of previously funded projects
7. impact on college or unit priorities (append a letter of endorsement from appropriate unit)
8. potential impact on diversity and multi-cultural issues
9. implications relative to the general education requirements
10. a two-page curriculum vita of each applicant signing off on this proposal (listing courses taught, research activity, etc.)

Upon completion of the project, a written report on the results must be submitted to Academic Affairs. Reports should include an evaluation of results in terms of programmatic priorities, affected courses, number of students reached, and innovations in pedagogy. Reports should provide the kind of information that can be helpful to other members of the University community. Where appropriate, faculty will also be asked to participate in forums through which they can share results with other members of the Campus Community.

Deadline—Applications must be received at 201 Alumni Hall by Friday, March 28. Submit thirteen (13) copies of the proposal. TO RECEIVE AN APPLICATION - CONTACT Barbara Hikel, x1507 or x1504.

SNOW LINE AVAILABLE

Information about the University's class schedule during inclement weather can be obtained by calling 581-SNOW. A toll-free line is available by adding the 1-800 prefix.

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. To appear in the Maine Perspective, advertisements must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon on Wednesday. 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/Associate Professor, Department of Forest Management. Nine-month, tenure-track position in forest operations (50 percent teaching and 50 percent research). Qualifications: Ph.D. with one degree in forestry. Expertise and experience should include teaching and research in forest operations, with particular emphasis on harvesting and woodyard operations. Additional experience in engineering, wood science and technology, or a closely related field is highly desirable. Knowledge of industrial forestry operations is desirable. Review of Applications: Will begin 4/15/97. Start Date: 9/1/97. Contact: Send resume, transcripts of all academic work, and names and addresses of three references to: David Field, Chair, Department of Forest Management, College of Natural Resources, Forestry and Agriculture, University of Maine, 5755 Nutting Hall, Orono, ME 04469-5755.

Research Associate/Teaching Associate, Department of Wildlife Ecology. Nine-month, full-time professional appointment. Qualifications: Master of Science degree in wildlife ecology or a related field; experience collecting research information in field situations with minimum supervision; knowledge of hiring procedures used by federal agencies, state agencies, consulting companies and private organizations; knowledge of GIS and database systems; demonstrated teaching capability; and the ability to travel frequently, normally requiring a drivers license and ability to drive manual transmission vehicles. Salary Range: \$20,000-\$22,000. Review of Applications: Will begin 3/31/97. Contact: Send letter of application, resume, academic transcripts, and three letters of recommendation to: James Gilbert, University of Maine, Room 210, 5755 Nutting Hall, Orono, ME 04469-5755. Phone: (207) 581-2866; Fax (207) 581-2858.

Assistant Professor - Mycologist, Department of Biological Sciences. Academic-year, tenure-track faculty position. Qualifications: Ph.D. in mycology or closely related discipline, and postdoctoral experience is preferred. Will be expected to develop a productive research program, team teach in a large undergraduate introductory biology class, teach an upper level mycology course, and to be a source of mycological expertise for the state. Review of Applications: Will begin 3/1/97. Start Date: 9/1/97. Contact: Submit a curriculum vitae, relevant reprints, a statement of teaching and research interests, transcripts and three letters of reference to: Jody Jellison, Department of Plant Biology and Pathology, University of Maine, 5722 Deering Hall, Orono, ME 04469-5722.

Director of Native American Studies (SEARCH REOPENED). Tenure-track position, with faculty appointment in a related department of specialization (rank open, academic year with one-month summer salary). QUALIFICATIONS: Required: Doctorate by start date; successful record of teaching and research in Native American studies or a related discipline; demonstrated leadership and administrative skills; and successful experience working with Native people. Preferred: Knowledge of Native people of the Northeast woodlands culture region and administrative experience in higher education. Review of Applications: Will begin April 15, 1997. Position Available: 7/1/97. Contact: Send letter of application, outlining vision for Native American Studies at the University of Maine, along with a vita, writing sample and doctoral transcript, and three letters of reference to: John Maddaus, Chair, Search Committee, Director of Native American Studies, University of Maine, 5724 Dunn Hall, Orono, ME 04469-5724. (telephone: [207] 581-1407; fax: [207] 581-4760; e-mail: john_maddaus@voyager.umeres.maine.edu).

Assistant Women's Soccer Coach/Lecturer in Physical Education, Department of Athletics. Full-time, fiscal-year appointment. Qualifications: BA; playing and/or coaching experience in NCAA Division I level; and effective oral and communication skills. Deadline for Applications: 2/24/97. Contact: Send letter of application and resume to: David Patterson, Head Soccer Coach, University of Maine, 5747 Memorial Gym, Orono, ME 04469-5747.

Postdoctoral Research Associate, Department of Plant Biology. Full-time, one-year position, annual renewal for total of three years, dependent upon performance and funding. Qualifications: Earned Ph.D. in biological sciences or related field, frequent local travel, and ability to collect samples in appropriate habitats. A background in ultrastructural (x-ray microanalysis) and molecular techniques or ecological physiology is desirable. Salary: \$25,000. Deadline for Applications: 3/10/97. Contact: Send C.V. and three letters of reference to: Susan Brawley, Department of Plant Biology, University of Maine, 5722 Deering Hall, Orono, ME 04469-5722. (Telephone: [207] 581-2973; e-mail: Brawley@maine.maine.edu).

President, University of Maine. The Presidential Search Committee, established by the Board of Trustees of the University of Maine System, invites nominations and applications for the position of President of the University of Maine. The President is the chief academic and administrative officer of the institution, responsible for all aspects of its mission. The President reports directly to the Chancellor of the System and serves, along with the presidents of the other six campuses, as a member of the Presidents Council. Qualifications: A proven record of academic leadership and successful administrative experience; an established record of scholarship and commitment to educational excellence; an understanding of the objectives of a land grant research institution; the skill to work effectively with many different constituencies and to function productively in a collective bargaining environment; and the ability to be an articulate and persuasive spokesperson for the role public higher education must play in a global society. Formal Review of Candidates: Will begin early-March 1997, with a negotiated appointment date of July 1997. For full job description: Contact Carole Berry, (207) 973-3381. Nominations and expressions of interest should be submitted to: James Caron, Chair of the Search Committee and Member of the Board of Trustees, University of Maine System, 107 Maine Ave., Bangor, ME 04401.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans.



Last semester's 50/50 Raffle sponsored by the Classified Employees Scholarship Fund raised more than \$900 – the largest amount ever raised by the event. Winning the raffle was Debbie Jacques, center, of the General Alumni Association. On hand to present her a check for \$454.50 were

Becky Cyr, left, and Sue Thibodeau, who organized the raffle. Judy Polyot chairs the Classified Employees Scholarship Fund. The next 50/50 raffle is expected next fall.

Photo by Kathryn Rice

Maine Audubon Needs College Students to Teach Winter Ecology

Maine Audubon will be presenting "Nature in Winter," a program for school children in grades 1-6, on Friday, Feb. 21, in the UMaine Woodland Preserve. The program is scheduled from 10 a.m.-2 p.m., providing children an opportunity to learn by using their senses.

University of Maine students are needed to be winter ecology teachers. No experience as a naturalist is required. Interested UMaine students need only the ability to communicate with children and the desire to teach them about nature and the environment.

Training sessions for UMaine students will be held at noon, Wednesday, Feb. 12, or 2:30 p.m., Thursday, Feb. 13, South Annex B. For more information, call 581-2900.



Newsletter workshop handout available

A handout with design, writing and marketing tips for newsletters is still available at no charge to members of the campus community. It was distributed at the first Navigating Newsletters workshop Jan. 29.

And the winner is . . .

Kathy Schilmoeller of the Department of Human Development and Family Studies won the workshop door prize – two free hours of design time from Printing Services.

Upcoming workshops

Watch *Maine Perspective* and campus mail for announcements of future workshops.

Sponsored
by UMaine
Department
of Public
Affairs and
Printing
Services

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

ANTIQUE FURNITURE:

Walnut bedroom set including 2 dressers, headboard, footboard, box spring, mattress. \$300. Mahogany bachelor's chest, \$100. 990-3094, evenings.

AUTOMOBILE: 1989 Ford Tempo GL, black, AT, AC, PS, PB, 37,500 miles, \$4,400 or BO. Call and leave message, 989-2582.

AUTOMOBILE: 1980 Monte Carlo, light yellow, radio, 6 cyl. engine, 2 doors, auto, low mileage (98K), new tires, spare tire, very good condition and strong engine. \$800 or BO. Call 866-2174.

AUTOMOBILE: 1988 Toyota Camry DX, 4-door, AM/FM cassette, excellent condition, runs well, good gas mileage. Very dependable car for \$3,600. Call 827-7166, evenings.

DISHWASHER: Whirlpool model DU8500XX, full size under the counter model. Four wash cycles including a low energy wash option. Only used 2 years, in excellent condition. \$150. Call 990-3629 after 6 p.m.

DOWNHILL SKI PACKAGE: 185 cm Olin Racing Comp SL skis with Solomon 757 bindings. Nordica NR 960 ski boots - women's size 6-6.5 - everything for \$75. Call Debbie, 866-4591.

DOWNHILL SKIS: Austrian Kastle with Tyrolia bindings, Gipron Italian poles and Swiss woman's boots size MS10 - almost new. Skis and boots come with carrying case. \$150. Call Sharon, 866-7307.

GLASS: 3/16-inch thick window glass, 21x36 inches and 21x30 inches. Good for desk tops. Call Ed, 827-2840.

HOUSE: Orono, 6 Grove St. Move right into this updated spacious 4BR home in great residential neighborhood; minutes to UMaine. Charm galore! New kitchen, oak cabinets, 2 new bathrooms, new furnace, new hardwood floors, and new windows. Call Scott or Michelle, 404-525-2019.

KEROSENE HEATER: Portable Corona 23-DK (22,888 BTU/hr). Used only 3 winters. \$75 (half retail cost). Call 990-3094, evenings.

FOR RENT

APARTMENT: Bradley. Large, spacious, well-maintained 1BR apts. Eight miles from campus. Rents start at \$300/mo. plus utilities. Must meet certain income guidelines. Security deposit required. 30-day lease. Call 827-7998 for info.

APARTMENT: Orono, large ground-floor apartment, 3BRs, LR, DR, kitchen and bathroom. One mile from campus. Unfurnished. \$500/month for two adults, plus utilities. No pets. Faculty/staff/graduate students preferred. Quiet neighborhood; attractive location on Stillwater River in Orono. Call 866-4872.

APARTMENT: Old Town, Gilman Falls Avenue, 3BR raised ranch, 1.5 baths, full basement. Private lot, 3 miles from campus. For information, call Scott or Val, 827-3152.

APARTMENT: Charming cottage apartment, 1BR, kitchen, shower, LR, furnished/unfurnished. Clean, quiet, convenient (off Stillwater Avenue on Essex Street). Heated, AC, parking, plowing, mowing, W/S included. \$350/mo., references and security. No pets, non-smoker preferred. Mature professional student. Call 990-2790 (leave message).

FREE

CONTAINERS: Fernald Snack Bar, follow the signs for free plastic containers.

SERVICES

ALFOND ARENA: Rent the Alfond Ice Arena. Try broomball, pick up hockey or have a skating party. Cost: broomball equipment—\$25; skate rental—\$1/pair; ice rental—\$150/hour before 11 p.m.; \$100/hour after 11 p.m.

CHAIN SAW WORK: Tree removals, storm damage, firewood cutting, pruning, brush cutting. Also fruit tree and flowering tree pruning. Take care of tree hazards now, before snow and ice create greater,

more expensive problems later! Very reasonable rates. Call Mike, 827-7087.

EDITOR/WRITER: Professional, efficient, reasonable. MLA, APA & Chicago Manuals of Style. Fifteen years of experience. Call Kay Retzlaff, 223-2508.

FINANCIAL AND RETIREMENT PLANNING SERVICES: Jane Brann, VALIC Retirement Plan Specialist, is available for individual or group assistant at the University every Tuesday, or by appointment. Call 800-448-2542, x259.

Hearts and Flowers, Love and Romance

February is here, the "official" month for celebrating relationships. And whether Cupid's quiver is looking empty or full, this time of the year is often emotionally loaded: sadness, joy, disappointment, companionship, loneliness, beginnings, endings, wedding plans, divorce negotiations, a new love, an old flame, high hopes . . .

Married or single, separated or in a relationship, each "state" has its own stresses, fears, nagging doubts and unanswered questions. How can I overcome my shyness? Where can I meet people? Am I addicted to love? Do I need a lawyer? Why do I always get involved with the wrong person? Is my relationship normal? How can I improve my marriage? Why do my partner and I constantly argue?

The Employee Assistance Program can assist you with a wide variety of issues around your special relationship or the absence of a meaningful relationship in your life. Call us at 581-4014 to arrange a free, confidential appointment to discuss your situation. And remember, no problem is too big or small.

Appointments are available Monday-Friday, 8 a.m.-4 p.m. Telephone appointments also available.

Hannibal Hamlin House

▼ HHH has joined the Association of Faculty Clubs. This means that members traveling to other universities with faculty clubs have guest privileges at those institutions.

▼ The dining room has new chairs.

▼ Coffee is available from 9:30 a.m.-2:30 p.m., and lunch is served from 11:30 a.m.-1:30 p.m. Lunch menu includes hot entrees, salad bar, sandwiches, soup, and desserts.

▼ Membership is not required for lunch. Contact Earl Beard 581-3932 for information

▼ Meeting rooms are available: call 581-4783 to reserve a room.

VOICE

Volunteers In Community Efforts

VOICE is a program of the Center for Students and Community Life here on the University of Maine campus. VOICE (VOLunteers in Community Efforts) promotes volunteerism, acting as a clearinghouse for students, faculty, staff, and community members interested in making a difference in the local community. The list includes organizations that are still looking for volunteers from the University community. Members of the University community who are interested in participating in any of the following volunteer opportunities, or want more information on local volunteer projects, should contact the VOICE office, 581-1796.

▼ Volunteers who are interested in working with children in local elementary and middle school classrooms can sign up for Adopt-a-School. For information, stop by the VOICE office, main floor, Union.

▼ Crossroads Ministries needs volunteers to help sort food and clothing, and to greet families upon arrival. For information, call Brenda Davis, 394-4655.

▼ Volunteer with children in the pediatrics wing of Eastern Maine Medical Center for one-time visits only. Contact Amy or Diane, 973-8737. For ongoing opportunities, call EMMC's Volunteer Services, 973-7850

SURPLUS SALE: The University of Maine offers for sale, on an as-is where-is basis, the following: (1) 3M MICROFILM READER/PRINTER, FREE; (10) WOODEN PEGBOARD DISPLAYS, 12' long, 67" tall, 2 sided, w/4"x12" oak shelves, used to hold microfilm, \$25 each; (1) MICROFICHE READER, 3 years old, \$100; (1) COMMERCIAL DISPOSER, heavy duty, w/sink and plumbing, hard wire, 3 phase, FREE; (1) IBM CORRECTING SELECTRIC II, \$20; (3000) CARDBOARD FILE BOXES, L 15", W 12", H 10", with hand holds, very sturdy, can be stored flat, .50 each; (1) METAL DESK, \$50; (1) ARCHE 386/25 SERVER, w/4 station LAN, 4 color terminals, 80 MB hard drive, 4 MB RAM, Best Offer; (1) WINLAN HARDWARE - NETWORKING CARDS, new, never used, cost \$120, allows networking between 2 computers using Windows 95 or Windows for Workgroup, \$80; (200) PENDAFLEX FOLDERS, FREE; (1) METAL DESK, single pedestal, \$35; (1) CAMCORDER BATTERY, new-never used, rechargeable, for JVC, Panasonic or other grip type, \$25.

NOTE: For more current updates see Maine.forsale on NETNEWS under "UNIVERSITY SURPLUS". If you need help, call me.

Off campus inquiries are welcome. Items usually sell for the prices specified; however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Dept., 581-2692. E-mail Logan@Maine.

On the Need for Practical Peace

Peace, like justice or freedom, is one of those words whose meaning seems inherently abstract. A typical response to the question of what peace means most likely will include vague notions of an absence of hostilities, tensions, or a general harmony between things. It appears as a noble goal to strive after, yet also as an ideal whose realization lies in a distant future, long after any one of us will be 'resting in peace.' Peace, in short, appears abstract largely because it is not an actual, concrete condition. Even a cursory glance at the major world events with all of their turbulence and turmoil defies the possibility of peace between nations, let alone global peace. Given the apparent smallness of the ordinary individual in comparison to the largeness of this world, it seems that any peace, however transitory, can only be sought after within the more manageable scope of our personal relationships. Because the attainment of such a lofty ideal appears far beyond the capacity of the average person, most abandon hope of having an impact on the significant lack of peace that we find around the globe. I assert that the impotence of the average person is not as real as one might be led to believe.

Before anything else, it is necessary to reappraise this perspective of learned helplessness. To do this, we need to change how we think about peace. Instead of conceiving of peace in this abstract and distant way, we need to adopt a practical approach to peace-work. The most common-sense way to begin is to examine actual conflicts in the world today, gather information and start asking questions. What is the history of relations between the conflicting groups? What interests are represented in the conflict? What is to be gained by the conflict, and by what groups? What seem to be the major causes behind the particular conflict? This process of gaining a greater awareness of conflicts happening around the globe is the fundamental first stage; a sensible person wouldn't travel through an unknown area without a decent map.

We also have to address one of the central questions underlying peace-work. What does it mean exactly to create or work for peace? As long as this question continues to be ambiguous, it remains an obstacle to practical peace-work. Working to create peace involves identifying the root causes responsible for aggravating tensions between groups, and finding direct or indirect ways to negate their influence. Perhaps the most dramatic example of such an exacerbating influence in the numerous conflicts presently found around the world is the role of U.S. arms sales. The most lucrative American exports today happen to be military weapons, ranging from jet fighters and bombers to rifles and rocket launchers. These weapons are sold to countries where there are either histories of regional tensions or where these tensions have actually broken out into armed conflict. According to a study recently done by the Washington-based peace advocacy group, Project on Demilitarization and Democracy, the majority of U.S. arms sales, a whopping 85 percent were to non-democratic governments, many of which were involved in serious human rights violations. (*Boston Globe*, Feb. 11, 1996)

The link between conflicts abroad have important relations to the American domestic economy. The federal government has poured public funds into U.S. arms industries like McDonnell Douglas and Lockheed Martin to streamline their foreign sales while spending \$260 billion a year on our own military arsenal

spread out over the globe. The deadly irony is that, as Randall Forsberg, director of the Institute for Defense and Disarmament Studies said, "We end up fueling the conflicts we seek to contain." The U.S. has also sent billions of dollars in military aid to countries like Israel, Egypt and Turkey so that they can buy more American weapons, an arrangement which amounts to yet more public funds indirectly routed into the pockets of these arms industries. One might argue that this would be a tolerable situation if these industries were providing good jobs for American workers, but even this has not been the case. To secure weapons sales, arms industries have been transferring production jobs overseas, or contracting out parts production to foreign companies, both of which are suffering in poorer countries, but now the drive for profits made off of global conflict has built up to a point where our own well-being is also jeopardized.

Peace isn't going to happen by itself. In fact, what we are seeing is that unless peace is vigilantly cultivated, it disintegrates. Even given the graveness of this current situation that we find ourselves within, this is still an exciting time. Because there is so much to be done, so much potential for community organizing and activism, this could be a catalyzing experience for the formation, or a revival if you will, of the grassroots democracy upon which this country was founded. Only by organizing ourselves, and working together will we be able to accomplish anything. Surely, this is the only way any social change has ever happened. By creating resistance through organizing, demonstrations and direct action, we make our political presence felt. Getting our elected politicians to enact legislation to prohibit military assistance and arms transfers to non-democratic countries, or countries with human rights violations, is something tangible that can be worked towards. Such a proposal has already been made in Congress, but it is presently dead in the water. This can change only if we raise our voices. If we don't take responsibility for peace, who will?

Chris Richard of Vassalboro, a sophomore in philosophy, is the winner of the Dorothy Clarke Wilson Peace Essay Award. His essay, reprinted here, was selected from among 12 entries from undergraduates. The Peace Essay Award, sponsored by the Wilson Center, has been presented annually since 1991.

PHI KAPPA PHI TO AWARD GRADUATE FELLOWSHIPS

The University of Maine Chapter of the Honor Society of Phi Kappa Phi is seeking applications for competitive fellowships worth up to \$7,000 for first-year graduate or professional study.

Fifty outstanding senior students from across the nation will be awarded Phi Kappa Phi Fellowships worth \$7,000 each. Thirty additional students will receive \$1,000 Phi Kappa Phi Awards for Excellence.

Criteria used in the selection process include undergraduate academic achievement, leadership and service to the campus and surrounding communities, prospects for graduate education, evaluation of the applicant's ability to do graduate work, and the student's personal statement.

Interested students who will have finished their undergraduate work by fall 1997 and who have not undertaken any previous graduate study should contact Scott Delcourt, chair of the University of Maine's Phi Kappa Phi Scholarship Committee, Graduate School, 2 Winslow Hall, x3218, for more information.

The chapter application deadline is Feb. 14. One candidate from UMaine will be selected for the national competition, and winners will be announced by the national Phi Kappa Phi office in early April.

The Honor Society of Phi Kappa Phi is the oldest and largest national honor society that recognizes and promotes superior scholarship in all academic areas of higher education and will celebrate its centennial in New Orleans, July 31-Aug. 2, 1997. The University of Maine is one of three original founding chapters of Phi Kappa Phi, along with the Pennsylvania State University and the University of Tennessee. Since its Fellowship Program began in 1932, Phi Kappa Phi has awarded more than 1,200 fellowships.

National Institutes of Health seek grant applications for innovative research that has clear implications for the immediate and significant reduction of tobacco use by children and youth. Letters of intent due March 15; applications, May 8.

National Coastal Resources Research Institute supports projects that apply, evaluate, and transfer innovative research

and technology to benefit coastal communities. Preliminary proposals are invited for FY98 funding in aquaculture and fisheries, environmental and marine technology, seafood production, and coastal business/community development, including recreation and tourism. Average award: \$50,000. Deadline: April 7.

National Science Foundation announces a special competition to support interdisciplinary research on Life in Extreme Environments, such as those associated with Earth's hydrothermal systems, sea ice and ice sheets, anoxic habitats, hypersaline lakes, high altitude or polar deserts, or certain human-made environments. Deadline: April 14.

U.S. Department of Defense's National Security Education Program supports the development of innovative, cooperative, integrated programs of foreign languages, area studies, and other international fields. Proposals focused on Western Europe are not eligible. Range of awards: \$25,000 - \$250,000 per year for one or two years. Deadline for preliminary proposals: April 18.

National Endowment for the Humanities Focus Grants enable small groups of faculty to engage in collegial study and exploration in the humanities, planning and design of new institutional arrangements for humanities education, or development and use of information technologies to strengthen humanities education. Awards range from \$10,000 to \$25,000. Deadline: April 18.

Center for Field Research at Earthwatch supports field research that can usefully employ volunteer nonspecialists and that addresses scientific, environmental, and public policy problems and issues. Current interests emphasize anthropology, public health, and sustainable development. Average award consists of volunteers and \$20,000 for field expenses. Preliminary proposals should be submitted 12 months in advance of the field work.

FOR MORE INFORMATION, CALL RESEARCH & SPONSORED PROGRAMS, X1476.

PEAC PROFESSIONAL DEVELOPMENT FUNDS AVAILABLE

The Professional Employee's Advisory Council (PEAC) has development funds available for distribution during spring 1997.

The purpose of this fund is to provide assistance to professional staff to attend professional meetings on or off campus. Awards of up to \$500 per person will be given each fall and spring semester. Application forms are available from PEAC members Mary Casserly (x1659), Sherry Treworgy (x1359), Mel Johnson (x3614), and Peggy Hanson (x1392).

Eligibility is limited to professional staff members who have not received PEAC Development Funds within the last year. Priority will be given to regular, full-time professional staff. A short report on the meeting (no more than one page) must be submitted within a month of return. The application deadline for the spring is Feb. 21, with notification by March 14.

PRESIDENTIAL OUTSTANDING TEACHING AWARD

In recognition of the importance of outstanding teaching to the University of Maine, nominations are now being accepted for the 1997 Presidential Outstanding Teaching Award.

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

Deadline for receipt of nominations is March 1. Late nominations will not be accepted. Nomination forms can be obtained from Betty Kalogeris, Office of Academic Affairs, 209 Alumni Hall, x1519.

PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD

Presidential Research and Creative Achievement Award nominations are due March 19 in the Office of Research and Sponsored Programs, 424 Corbett Hall.

The award, in the amount of \$1,500, is made to a faculty member who has attained distinction in research or creative achievement. Each year, the Faculty Research Funds Committee makes nominations for the President's consideration, and the award is made at the Honors Convocation.

Nomination forms are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, and in deans' offices.

BE PART OF HEALTHY PASSIONS WEEK

The award-winning Healthy Passions: Celebrating Life, Love and Friendship Week will be observed March 31-April 4 next semester. Groups are invited to consider incorporating Healthy Passions programming into their spring semester schedules. For more information, contact Sheri Cousins, x4183.

Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/Distinguished Lectures Series Committee is the last Friday in March. Proposal guidelines and applications are available in the President's Office, x1516.

What's Ahead



SUMMER JOB FAIR
February 12

THE LIFE AND WORKS OF
MARSDEN HARTLEY
February 20

HOW A POLAR CELL IS
ESTABLISHED
Staples Seminar in
Biochemistry
February 21