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## Maine Perspective, v 7, i 19

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A PUBLICATION  
FOR THE  
UNIVERSITY OF  
MAINE

A black and white photograph of a young man wearing a baseball cap and safety goggles, holding a small object up to his eye. Another person is partially visible next to him.

Photo by Kathryn Rice

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

## College of Business Students Report It's Been a 'SPIFFY' Year

For more than 40 students in the College of Business Administration at the University of Maine, 1995 was definitely a "spiffy" year. The Student Portfolio Investment Fund — SPIFFY for short — experienced unparalleled success and expanded activities during the past year, earning \$50,000 to hit its all-time high of \$257,000 just a few weeks ago.

SPIFFY provides students with the opportunity to manage a portfolio and to make real investments. To expand upon their business-as-usual meetings, SPIFFY students now invite guest speakers who are involved in investing to provide them with new perspectives and an added edge in learning the tricks of the trade. This semester, SPIFFY hopes to draw in recent business graduates to discuss what that first real-world job is like.

Despite the successes that have characterized SPIFFY since the University of Maine Foundation created it in 1993 with \$200,000 of seed money, SPIFFY is first and foremost an educational experience. Bob Strong, professor of finance and SPIFFY advisor, intends for the students to learn respect for the markets as well as how to manage finances.

"When people don't have a lot of experience with investing and the first experience out of the chute is a very good one, it is easy to become cocky and think 'Whoa, this is easy. This isn't hard.' That applies not only to the SPIFFY students but to the market in general. But, you've got to respect the markets because the stock markets don't always have years like they did in 1995. As a professor, I have tried to stress that in my classes. Last year you could have thrown darts and made money but the market doesn't normally work that way.

"I just want to make sure that the students realize it is not that simple over the long-haul. I have a number of friends who are stock brokers and several of them have told me that in many respects that is the most important lesson a beginning investor can learn — that you have to respect what's reasonable in the stock markets over the long run. You can't expect 1995 to keep repeating itself over and over again routinely."

Even though 1995 was a good year for most who played the market, the 40-plus students actively involved with SPIFFY have learned valuable lessons about when to jump in and when to jump out. During the semester break, the portfolio already began to reflect the general pull-back and fluctuation that has marked the market during the first few weeks of 1996.

"Dealing with real money is very different than dealing with a game. Lots of students have participated in investment games of one sort or another. Some of the games are quite good and are very popular with universities, but that is play money. You are given a fictitious account that you invest. People's behavior is different when investing with real money. I think the students have taken this quite seriously. This is real money we are talking about. They are acting in a more realistic fashion, I think, than if they were trying to win a game where there are no particular consequences. You play a game, you lose your money, big deal. It is like going broke in Monopoly, you forget about it the next day. That's not the case here."

Strong says that although the proportion of SPIFFY students who plan to or will be involved in investing for a living is relatively low, all the students will be involved in investing at some point — either individually or through some sort of profit sharing or retirement plan, for example. The group has been able to use a variety of investment techniques they have read and studied about. The hands-on experience investing with SPIFFY bridges the gap between theory and practice. ▲



Two horse-drawn carriages were recently donated to the University of Maine Page Farm and Home Museum by Miss Margaret Gardiner of Wiscasset, a member of the UMaine Class of '49. The carriages were made at the Maine State Prison around 1910 and were bought by the Gardiner family from an estate in Sheepscot in the 1950s for use on the family farm in Gardiner. The town of Gardiner takes its name from the Gardiner family, and Miss Gardiner is a descendant of William Gardiner, Maine's governor from 1928-32. The one-seat runabout and the two-seat carriage called a democratic are expected to be used by the Museum for special events and will one day be on display in the Winston E. Pullen Carriage House. In recent years, the carriages have been used at Kennebec Morgan Horse Farm, owned by Miss Gardiner. The donation follows Miss Gardiner's major land gift of 88 acres of coastal forestland to the University of Maine Foundation last spring that benefits the College of Natural Resources, Forestry and Agriculture.

Photo by Tim Boyd

### TREFOIL'S THURSDAY THOUGHTFEST

Talks and Discussions on Science, Technology, Art and Culture

**7:30 p.m., Thursdays, 17 Oak St., Orono**

Feb. 15 — "From the Sea to Shining Sea," Sherman Hasbrouck

Feb. 22 — "The Place of Poetry: Bringing Maine's Poetry to Maine's People," Margery Irvine and Majo Keleshian

Feb. 29 — "Woolly Mammoths in Maine," Harold Borns

There are two issues of *Maine Perspective* remaining before March Break. *Maine Perspective* will be published Feb. 19 and Feb. 26. The next issue will be published March 18.

## Maine Perspective

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University of  
**Maine**

# U Maine Calendar

FEBRUARY 14-27

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 AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

**"Nontraditional Trial Wavefunctions: Themes on a Variation,"** by Ken Brownstein, a Department of Chemistry Colloquium, 11 a.m., Feb. 13, 316 Aubert Hall. x1179.

## 14 Wednesday

**Introductory Excel**, a CIT Mac workshop, 9-11 a.m., Feb. 14, Fogler Library Classroom. Preregistration/fee. x1649.

**Love Your Heart: Cholesterol and Blood Pressure Screening**, offered by the Health Impact Group, 10 a.m.-2 p.m., Feb. 14, Lown Room, Union. No appointment needed. x4089.

**"What's Love Got to Do with It?: A Valentine Reading,"** part of the Poetry Free Zone series, noon, Feb. 14, Honors Center. x1441.

**"Perspectives on Social Change: Women in China and the World,"** by Kathryn Gainguest, part of the Sociology Luncheon Series, noon-1:30 p.m., Feb. 14, FFA Room, Union.

**"Time Management,"** part of the NTS Topics series, 12:15 p.m., Feb. 14, Davis Room, Union. x1820.

**"Engendering the Harlem Renaissance: Black Women Writers of the Early 1900s,"** by Judith Musser, assistant professor of English, Husson College, part of the Women in the Curriculum Program Lunch Series and Black History Month, 12:15-1:30 p.m., Feb. 14, Bangor Lounge, Union.

**"Women's Forum,"** a TIAA-CREF Workshop offered by the Employee Health and Benefits Office, 2-3:30 p.m., Feb. 14, 220 Corbett Hall. Reservations required. x2366.

**"The Isometry Problem: Which Maps Preserving a Single Distance Are Isometries?"** by Grattan Murphy, a Department of Mathematics Colloquium, 3:10 p.m., Feb. 14, 421 Neville Hall. x3900.

**Media Perspectives of Public Higher Education**, a videotape of proceedings from the conference: "Assessing the Environment for Public Higher Education," featuring presentations by John Diamond and Dwight Rideout, offered by the Division of Student Affairs, 3:15 p.m., Feb. 14, FFA Room, Union. x1820.

**End of 1st-third of Semester for Withdrawals**, 4:30 p.m., Feb. 14.

**Movie: The Goonies**, offered by the Union Board, 7:30 p.m., Feb. 14, 101 Neville Hall. x1734.

**"A Kiss to Remember,"** offered by the Human Sexuality class as part of Love Carefully Day, an event attempting to break the world record for number of people kissing at one time, 9:30 p.m., Feb. 14, Alford Sports Arena.

## 15 Thursday

**"Referendum Question #1: Myth, Religion and Politics,"** with Kristen Gwinn, Wilde-Stein and Maine Won't Discriminate; Matt Moen and Doug Allen, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 15, Bangor Lounge, Union. x3860.

**Fence in the Water**, video presentation followed by discussion led by Peg Dice, founder of Bodacious Films, Brunswick, part of "Maine at Work and Play: Maine Folklife on Video" series, 2-4 p.m., Feb. 15, FFA Room, Union; 7-9 p.m., Bangor Library. x1891.

**Memorial Celebration** honoring the life of Raymond Fogler, 4:30 p.m., Feb. 15, Bodwell Area, Maine Center for the Arts. x1142.

**P'nuts Coop Meeting**, to discuss setting up an off-campus storefront coop, open to all members of the University community, 6-7:30 p.m., Feb. 15, Keith Anderson Community Center, Bennoch Road. 827-4579.

**Mardi Gras '96**, 6 p.m.-midnight, Feb. 15, Wells Conference Center. Admission fee. x8450 or 8474.

**Green on Thursdays**, part of the Peace and Justice Film Series, 7 p.m., Feb. 15, 100 Corbett Business Building. x3860.

## 16 Friday

**Performance by Isi Rudnick and the UMA Swing Ensemble**, part of the Union Board TGIF music series, 12:15 p.m., Feb. 16, Bangor Lounge, Union. x1820.

**Introductory PageMaker**, a CIT Windows workshop, 1-3 p.m., Feb. 16, 111 Corbett Business Building. Preregistration/fee. x1649.

**"New Results on the Ising Model,"** by Douglas Abraham, University of Oxford, a Department of Physics and Astronomy Colloquium, 3:10 p.m., Feb. 16, 140 Bennett Hall. x1039.

**"Recombination and DNA Polymorphism: What Drosophila Can Tell Us About the Evolution of Whole Chromosomes,"** by Eric Kindahl, assistant professor of biology, University of Maine at Machias, a Zoology Department and Migratory Fish Research Institute seminar, 3:10 p.m., Feb. 16, 102 Murray Hall. x2548.

**Comedy Café with Jim Dunn and Dwayne Perkins**, offered by the Union Board, 9 p.m., Feb. 16, Damn Yankee. Admission fee. x1734.

## 17 Saturday

**Project WET - Water Education for Teachers**, offered by the Page Farm and Home Museum, 9 a.m.-4 p.m., Feb. 17, Page Museum. x4100.

**Thursday Club Winter Brunch**, featuring a presentation by Kathryn Gainguest: "The Lives of Women in China and Globally," 10:30 a.m., Feb. 17, Wells Conference Center. Reservations. 866-2456.

**Movie: Dangerous Minds**, offered by the Union Board, 6:30 p.m. and 9:15 p.m., Feb. 17, 100 Corbett Business Building. Admission fee.

## 18 Sunday

**Horse-drawn Sled Rides**, 10 a.m.-3 p.m., Feb. 18, Leonard's Mills, Rt. 178, Bradley. Admission fee. x2871.

**Women's Basketball: UMaine vs. Vermont**, 1 p.m., Feb. 18, Alford Sports Arena. Admission fee. xBEAR.

## 19 Monday

**"Wildlife Management and Great Northern Paper Co.: A Discussion of Wildlife Programs Now and in the Future,"** by Lyman Feero, Great Northern Paper Co. wildlife biologist, part of the Wildlife Ecology Seminar Series, noon, Feb. 19, 204 Nutting Hall. x2862.

**"Student Peacemakers at UMaine: What Are We Doing to Build a Peaceful World?"** by Scott Labby, Clint Ruhlman and Molly Hogan, part of the Peace Studies Luncheon Series, 12:15-1:30 p.m., Feb. 19, Bangor Lounge, Union. x2609.

**Organizational Meeting of the University of Maine Photography Club**, 6:15 p.m., Feb. 19, Old Town Room, Union. x1820.

## 20 Tuesday

**World Wide Web Open House**, Feb. 20, Wells Conference Center. x1678.

**"Sixth Annual Games Day,"** a Hudson Museum Just for Kids program for grades 1-6, 10 a.m., Feb. 20, Maine Center for the Arts. Registration/fee. x1901.

# Ongoing Events

## Conferences/Seminars/Workshops

**Introduction to URSUS**, Internet Workshops offered by Fogler Library, 2-3:30 p.m., Feb. 13; 9:30-11 a.m., March 20, Computer Instruction Room, Library. Pre-registration required. x1678.

**Navigating the Internet**, Internet Workshops offered by Fogler Library, 10 a.m.-noon, Feb. 29; 10 a.m.-noon, March 6; 6-8 p.m., March 26; 2-4 p.m., April 8, Computer Instruction Room, Library. Pre-registration required. x1678.

**Advanced Internet Searching**, Internet Workshops offered by Fogler Library, 1:30-3:30 p.m., Feb. 12; 9:30-11:30 a.m., March 21; 3-5 p.m., April 11, Computer Instruction Room, Library. Pre-registration required. x1678.

**Government Information on the Internet**, Internet Workshops offered by Fogler Library, 9:30-11:30 a.m., Feb. 20; 1:30-3:30 p.m., March 25, Computer Instruction Room, Library. Pre-registration required. x1678.

**Beginning Welding**, a nine-week CID course offered by Ben Dresser of the Department of Bio-Resource Engineering, 7-9 p.m., Tuesdays, Feb. 20-April 16. Registration/fee. x3414.

**Introduction to SAS**, a two-part CAPS seminar with Wayne Persons, 3:30-5:30 p.m., Feb. 21 and Feb. 28, 107 Corbett Business Building. x3524.

**Business Resources on the Internet**, Internet Workshops offered by Fogler Library, 2:30-4:30 p.m., Feb. 28; 10 a.m.-noon, April 17, Computer Instruction Room, Library. Pre-registration required. x1678.

## Entertainment

**"Worlds of Wonder,"** a Planetarium show, 7 p.m. Friday, through Feb. 23 and March 22-26, Wingate Hall. Admission fee. x1341.

**Die Fledermaus**, an opera by Johann Strauss, directed by Tom Mikotowicz, with music conducted by Ludlow Hallman and vocal direction by Nancy Ogle, part of the Maine Masque Series of the School of Performing Arts, 8 p.m., Feb. 23-24, Hutchins Concert Hall. Admission fee. x1773.

### MICROSTATION USER GROUP SEMINARS

Hands-on CAD seminars offered by Facilities Management.

Open to all members of the University community.

All from 3:30-6 p.m., Tuesdays

Feb. 27

March 12

March 26

111 Corbett Business Building  
Preregistration required. Call x2683.

**"Follow the Drinking Gourd,"** a Planetarium children's show, 2 p.m. Sundays, through Feb. 25, Wingate Hall. Admission fee. x1341.

## Exhibits/Demonstrations/Tours

**Between the Covers: Book as Artwork, Owen Smith and Company**, a University of Maine Museum of Art exhibit, through March 3, Hole in the Wall Gallery, Union. x3255.

**Art Faculty Annual**, a University of Maine Museum of Art exhibit, through March 29, 1938 and Carnegie Gallery and the 1938 Gallery, Carnegie Hall. x3255.

**Waldo Peirce: Places and People**, a University of Maine Museum of Art exhibit, through April 26, Hauck Auditorium Gallery, Union. x3255.

**Maine Forest and Logging Museum - Leonard's Mills**, a water-powered sawmill community site, open daily 9 a.m.-4 p.m., with guided tours available, Bradley. x2871.

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

**Page Farm and Home Museum** open Tuesday-Saturday, 9 a.m.-4 p.m. x4100.

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

**Athletic Mementos and Memorabilia Past and Present**, an M Club-sponsored exhibit, Memorial Gym Lobby.

## Meetings of Groups/Organizations

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

**Smoking Cessation Group**, meets every Monday and Thursday, 4-5 p.m., offered by Health Impact Group. x6125.

**Maine Peace Action Committee** meets every Tuesday, 4 p.m., Virtue Room, Maples. x3860.

**Earth Week Planning Committee** meets every Wednesday, noon, Union. Most meetings in the 1912 Room. x3777.

**Women's Center**, open to all students interested in sharing opinions, responses and ideas concerning women's issues, meets every Wednesday, 3-4:30 p.m., Women's Resource Center, 101 Fernald Hall. x1508.

**FAROG: Le Club Francophone**, meets every Wednesday, 7 p.m., Franco-American Center. x3764.

**PEAC - Professional Employees Advisory Council**, meets the first Thursday of every month, FFA Room, Union.

**Association of Graduate Students** meets twice a month, noon, Lown Rooms, Union. x4548.

**Nontraditional Student Coffee Hour**, every Thursday, 3 p.m., Commuter Lounge, Union. x1820.

**Prisoners of Gender**, every Friday, 1:15 p.m., Davis Room, Union. 827-8118.

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

## Miscellaneous

**Study Abroad Resource Room**, open noon-4 p.m., Monday-Friday, third floor, the Maples. x2905.

**Peace Corps Office** open 1-4 p.m., Monday; 10 a.m.-2 p.m., Wednesday; 9-11 a.m., Friday, or by appointment, Career Center, Chadbourne Hall. x1366.

**Income Tax Preparation Assistance**, for students, senior citizens and persons with disabilities, offered by College of Business Administration students in the VITA program - Volunteer Income Tax Assistance, 3:30-5:30 p.m., every Tuesday and Thursday, 113 Corbett Business Building. x1982.



Internet Café is an opportunity to discover and to explore what lies ahead in Cyberspace. For three days this world will be opened up to you, free of cost and free of confusion. Cyberguides will be available to instruct you on your journey through historical events, shopping extravaganzas, musical and video bytes of your favorite artists in and out of the studio, and much, much more.

Surf the Net

Enjoy games, prizes from Apple

Walk Cyberdog

Live to live music

Find savings on airline tickets

Find some of the best shopping sites

Hear RealTime audio conversations

Enjoy free Cappuccino & Munchies

**Monday, Feb. 19 11 a.m.-3 p.m.**

**Tuesday, Feb. 20 noon-7pm**

**Wednesday, Feb. 21 11 a.m.-3 p.m.**

South Lown Room, Union

Offered by Apple Computer, Campus Living Dining Services, UMaine World Wide Web Task Force, and CIT Computer Connection.



**"Spectroscopic Studies of Polyimide Model Compounds,"** by Thomas Schulze, a Department of Chemistry Colloquium, 11 a.m., Feb. 20, 316 Aubert Hall. x1179.

**"Increasing the World's Food Supply Using Genetically Engineered Foods,"** by Susan Cheney, a Food Science and Human Nutrition Seminar, 11 a.m., Feb. 20, 14 Merrill Hall. x1621.

**Battle of the Big Bands,** part of the Maine Center for the Arts performance season, 7 p.m., Feb. 20, Hutchins Concert Hall. Admission fee. x1755.

**"Social Movements of the 1960s: Effective Community Organizing for People Empowerment,"** by Bobby Seale, co-founder of the Black Panther Party and founder of REACH, part of Black History Month, offered by Multicultural Student Affairs, 7 p.m., Feb. 20, Wells Conference Center. x1405.

**Peace Corps General Information Meeting,** 7 p.m., Feb. 20, Totman Lounge, Union. x1366.

## 21 Wednesday

**Marine Science on the Internet,** an Internet Workshop offered by Fogler Library, 10 a.m.-noon, Feb. 21, Computer Instruction Room, Library. Pre-registration required. x1678.

**"Russian Poetry Fest,"** a bilingual reading coordinated by Rex Pyles, part of the Poetry Free Zone series, noon, Feb. 21, Honors Center. x1441.

**Ecumenical Service,** noon, Feb. 21, Bangor Lounge, Union. x1734.

**"Terrorism in the World and the United States: Oklahoma City and Beyond,"** by Kyriacos Markides, part of the Sociology Luncheon Series, noon-1:30 p.m., Feb. 21, FFA Room, Union. x2380.

**Education's Leaders Assess the Future,** a videotape of proceedings from the conference: "Assessing the Environment for Public Higher Education," featuring a presentation by Judi Bailey and David Brown, offered by the Division of Student Affairs, 3:15 p.m., Feb. 21, FFA Room, Union. x1820.

**"Cross Cultural Issues in Teenage Women's Sexuality,"** by Sandra Caron, part of the Women in the Curriculum Program Lunch Series, 12:15-1:30 p.m., Feb. 21, Bangor Lounge, Union. x1228.

**"Optimism: Is Your Cup Half Full or Half Empty?"** part of the NTS Topics series, Feb. 21, Davis Room, Union. x1820.

**Do-It-Yourself Database Searching Workshop,** focusing on science and engineering databases, 2 p.m. - 3:30 p.m., Feb. 21, Science and Engineering Center Office, Fogler Library. Free/preregistration required. x1679.

**Movie: *El Mariachi*,** offered by the Union Board, 7:30 p.m., Feb. 21, 101 Neville Hall. x1734.

## 22 Thursday

**Uncover Journal Database,** Internet Workshop offered by Fogler Library, 10-11:30 a.m., Feb. 22, Computer Instruction Room, Library. Pre-registration required. x1678.

**"Impact of the Republican Contract with America,"** with Karen Keim, Maine Educational Opportunity Center: Impact on Education; Cliff Rosen, chief of medicine, St. Joseph Hospital: Impact on Healthcare; Charles O'Leary, president, Maine AFL-CIO: Impact on Labor; moderator - IIs Petersons, coordinator, Peace & Justice Center of Eastern Maine, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 22, Bangor Lounge, Union. x3860.

**"Violence and Abusive Behaviors in the Workplace,"** part of the PEAC Brown Bag Seminar Series, noon-1:15 p.m., Feb. 22, Totman Lounge, Union. x3229.

**"Pre-Image Entropy,"** by Marc Goulet, University of Wisconsin-Eau Claire, a Department of Mathematics Colloquium, 3:10 p.m., Feb. 22, 421 Neville Hall. x3900.

**Noam Chomsky: Bringing the Third World Home - The Domestic Politics of the GOP Right,** part of the Peace and Justice Film Series, 7 p.m., Feb. 22, 100 Corbett Business Building. x3860.

**Million Man March: Video and Discussion,** part of Black History Month, 7 p.m., Feb. 22, Union. x1405.

**Women's Basketball: UMaine vs. Boston University,** 7:30 p.m., Feb. 22, Alford Sports Arena. Admission fee. xBEAR.

**Thursday Night at the Bear's Den with Big Bad Bollocks,** offered by the Union Board, 9 p.m., Feb. 22, Union. x1734.

## 23 Friday

**Performance by Song X Jazz Combo,** part of the Union Board TGIF music series, 12:15 p.m., Feb. 23, Bangor Lounge, Union. x1820.

**Intermediate Word, Tables & Columns,** a CIT Windows workshop, 1-3 p.m., Feb. 23, 111 Corbett Business Building. Preregistration/fee. x1649.

**"Entropy of Dynamical Systems,"** by Marc Goulet, University of Wisconsin, a joint colloquium of the Departments of Physics and Astronomy, and Mathematics, 3:10 p.m., Feb. 23, 140 Bennett Hall. x1039.

**Comedy Café with Mike Bent and Steve Walker,** offered by the Union Board, 9 p.m., Feb. 23, Damn Yankee. Admission fee. x1734.

## 24 Saturday

**Women's Basketball: UMaine vs. Northeastern,** 3:30 p.m., Feb. 24, Alford Sports Arena. Admission fee. xBEAR.

**Movie: *Desperado*,** offered by the Union Board, 6:30 p.m. and 9:15 p.m., Feb. 24, 100 Corbett Business Building. Admission fee. x1734.

**Men's Basketball: UMaine vs. Northeastern,** 7:30, Feb. 24, Alford Sports Arena. Admission fee. xBEAR.

## 25 Sunday

**Ice Hockey: UMaine vs. Northeastern,** 3 p.m., Feb. 25, Alford Sports Arena. Admission fee. xBEAR.

**Amanda Garvey (oboe) Junior Recital,** part of the School of Performing Arts schedule, 3 p.m., Feb. 25, Lord Recital Hall. x4700.

## 26 Monday

**Hands-on Introduction to E-mail,** a CAPS seminar with Eloise Kleban, 8-10 a.m., Feb. 26, 111 Corbett Business Building. Preregistration required. x3518.

**Introductory PageMaker,** a CIT Mac workshop, 10 a.m.-noon, Feb. 26, Fogler Library Classroom. Preregistration/fee. x1649.

**"Habitat Associations of High Priority Neotropical Migrants in the**

**Southern Appalachians,"** by John Bartlett, part of the Wildlife Ecology Seminar Series, noon, Feb. 26, 204 Nutting Hall. x2862.

**Basic HTML,** Internet Workshops offered by Fogler Library, 1:30-3:30 p.m., Feb. 26, Computer Instruction Room, Library. Pre-registration required. x1678.

**"Non-First Normal Form Databases,"** by Curtis Meadow, part of the Computer Science Department Seminar Series, 4:10 p.m., Feb. 26, 115 Corbett Business Building. x3940.

**"A Story Program: Thoughts from the Great Irish Famine,"** by folklorists and musicians Eileen Moore Quinn and Shamus Pender, a Cultural Affairs/Distinguished Lecture Series, 7:30 p.m., Feb. 26, Damn Yankee, Union.

## 27 Tuesday

**"Interactions of Molecular Hydrogen from Weak Binding to Chemical Bonding or from Physics to Chemistry,"** by Juergen Eckert, Los Alamos National Laboratory, New Mexico, a Department of Chemistry Colloquium, 11 a.m., Feb. 27, 316 Aubert Hall. x1179.

**"Review of Immunoaffinity Chromatography,"** by Donna Kubilius, a Food Science and Human Nutrition Seminar, 11 a.m., Feb. 27, 14 Merrill Hall. x1621.

**"Cover Crops, Green Manures and Living Mulches,"** by Vern Grubinger, director of the University of Vermont Center for Sustainable Agriculture and Vermont Cooperative Extension vegetable and berry specialist, offered by the Sustainable Agriculture Program, 3:40-5 p.m., Feb. 27, 113 Deering Hall. x2926.

**"Investment Products and Strategies for the '90s,"** a University Credit Union Winter Seminar offered by Financial Services of New England, 4:30 p.m., Feb. 27, Credit Union. Reserved seating. x1458.

**Red,** part of the Not at the Mall Film Series, 6:30 p.m. and 9:15 p.m., Feb. 27, 100 Corbett Business Building. Admission fee. x1734.

**Coffee House** featuring student artists, offered by the Union Board, 8 p.m., Feb. 27, Peabody Lounge, Union. x1734.

## Oral Exams

**"The Effect of Internal Stress on Paper Roughening,"** by Don Additon, candidate for master's degree in chemical engineering, 1:30 p.m., Feb. 19, 222 Jenness Hall.

## People in Perspective

When Jeffrey Wright promised his father he would sign up for ROTC his first semester at the University of Maine, he didn't think he would stick with it. More than 20 years of active service later, Lt. Colonel Wright heads UMaine's Military Department and has no intentions of leaving UMaine again.

"I feel like I have died and gone to heaven. Being back at the University, which I absolutely love, is just a great place to be. This age of student is a wonderful age. I get reminded every day that I am not 17 anymore. It's great to be out every day working with them and being challenged by them. They keep me energized," he says.

As a child, Wright followed his father, an Air Force pilot, from station to station around the world. The family settled in New Sharon when he was in high school. When he started his animal and veterinary science degrees at UMaine, Wright had no intentions of pursuing a career in the military like his father had.

The Army Reserve Office Training Corps changed his mind. After graduating in December 1973, Wright and his wife – his former zoology partner – traveled around the world from station to station.

Among his many stations, Wright has lived in Honduras, Kansas, Michigan and Germany more than once. During his 22 years with the Army, he has served as everything from an inspector general, a company commander and an infantry platoon leader to a deputy chief of staff, a director of a joint task force and a battalion executive officer.

With his extensive experience and time served, Wright could be placed almost anywhere in the world he wants. Yet, his heart somehow has always chosen Maine as its home. His loyalty to the military is matched by his dedication to this university.

"When I could, I always came back to the university. Every time I got back to Maine I would come back and visit with my old professors. Of course as time went by, there got to be less and less of them. In fact, I just retired my last professor this past February. I saw this slot open up and I applied for it."

The position for professor of military science at UMaine became available 19 years into Wright's military career. It seemed like the perfect marriage between his loves — that of home and county. The possibility of being able to stay in the military and yet return to Maine and his alma mater was an opportunity Wright could not let pass. He wrote a letter to President Fred Hutchinson, who had been his dean when he was a student, and asked to be accepted back. Normally, a three-year position, Wright is currently in his fourth year at UMaine and has been granted permission to stay on for a fifth, making Wright the longest serving professor of military science at UMaine.

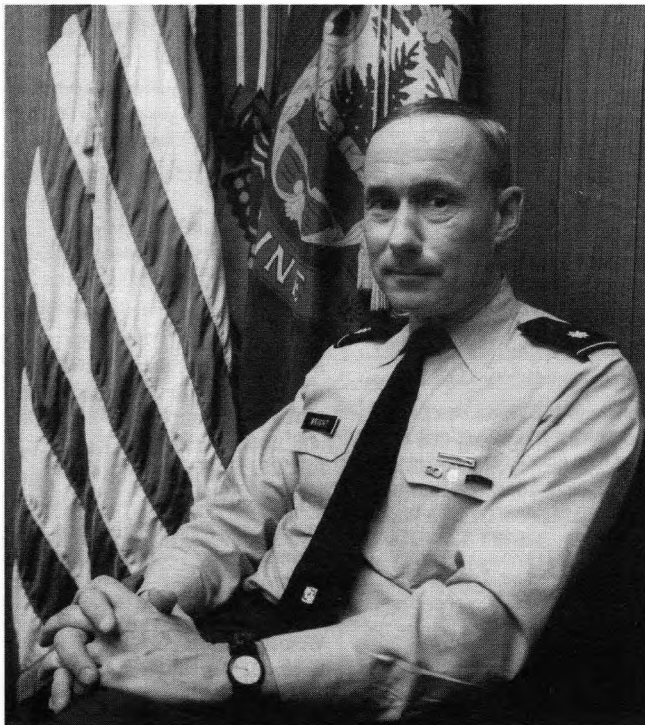
Wright brings to his position a sense of ethical responsibility, pride and knowledge of ROTC history on campus. He labors to impart those qualities on the students who take his classes.

"The Army has had a presence on this campus for 127 years. Through the years there have been some rocky times. We are the only remaining institution in Maine that offers an Army commission. We've commissioned a lot of great graduates. In fact, the Field House and the Memorial Union were built by alumni from the war years."

A part of that history himself, Wright remembers that when he was an Army ROTC cadet during the late 1960s and early '70s, the LTC's office was off limits. According to Wright, students only saw the inside of the office if they were in trouble. The door to the LTC's office is always open now. Wright believes in being seen and accessible. His philosophy of leadership is setting an example every day.

While he is dedicated to the Army, Wright says all of his cadets are students first. He pushes them to make them good soldiers, teaches them to make them good leaders and inspires them to be good people. He involves himself not only in their military training, but also in their academic and, if necessary, personal lives. He wants all of his students to receive their degrees and reach their goals, whether or not they choose to seek a commission.

"Whatever we have to do to keep a student in school and keep them focused, then that is what we do. I am very proud of that."



Jeffrey Wright

Photo by Tim Boyd

### PRESIDENTIAL OUTSTANDING TEACHING AWARD

In recognition of the importance of outstanding teaching to the University of Maine, nominations are now being accepted for the 1996 Presidential Outstanding Teaching Award. The Presidential Outstanding Teaching Award is presented annually to a tenured University of Maine faculty member who has demonstrated outstanding commitment to and ability in the teaching area while maintaining a commitment to scholarship and to public service. The recipient will receive a medallion and a check for \$1,500.

For this year, deadline for receipt of nominations is March 1.

Nomination forms can be obtained from Carole Gardner, Office of Academic Affairs, 209 Alumni Hall, x1617.

# Die Fledermaus Performance the Inaugural Effort for School of Performing Arts, Maine Center for the Arts

The School of Performing Arts has yet to move into its new home adjacent to the Maine Center for the Arts, but the two are already good neighbors.

This month's production of *Die Fledermaus* is the first collaboration between the academic and professional performing arts entities on campus.

The MCA and the School divided the technical duties for the Johann Strauss comic operetta of marital intrigue and mistaken identity, which will be performed in English at 8 p.m. Friday and Saturday, Feb. 23-24, Hutchins Concert Hall. Performers were drawn from the School's faculty and students, as well as from the community. The MCA contributed technical, marketing and box office support in addition to the stage.

The production also marks a new collaboration between the School's divisions of music and theatre/dance, which were distinct departments until the merger last summer. Upon completion of construction in the spring, the Class of '44 Building will link Hauck Auditorium and the MCA, and become the permanent

home of the School of Performing Arts.

Tickets for *Die Fledermaus* are available at the MCA box office, and are free to students with identification. Reservations can be made in person at the box office 9 a.m.-4 p.m., weekdays or by calling 581-1755. TDD/TTY service is available through 581-1888. ▲



Campus Living Resident Assistant Diana Welch and Resident Director Jeff Conway of Hart Hall are putting the colorful, last-minute touches on plans for UMaine's first annual Mardi Gras on

Thursday, Feb. 15 – an evening of Cajun dining and dancing that has been made possible by a number of student organizations on campus. Dinner will be served at 6 p.m., in Wells Conference Center featuring a Cajun menu prepared by Dining Services, followed by dancing to the music orchestrated by a DJ until midnight. The evening will be highlighted by such events as a limbo competition and a costume contest. Tickets are on sale in the Wells Conference Center office and will be available the night of the event.

Photo by Kathryn Rice

## Look Who's On Campus

Co-founder of the Black Panther Party Bobby Seale will speak Tuesday, Feb. 20 on: "Social Movements of the 1960s — Effective Community Organizing for People Empowerment," as part of Black History Month. In 1966, Bobby Seale and Huey Newton formed the Black Panther Party for Self-Defense. During his eight years as head of the political-revolutionary organization, Seale was a defendant in the 1969 Great Chicago Eight Conspiracy Trial. Today, Seale acts as community liaison with Temple University's Department of African and African-American Studies. His latest endeavor, REACH, is described as a "people's intercommunity communications organization, dedicated to informing and teaching the youth of America and the world the fine particulars and methodology of effective community organizing for people empowerment via constitutional democratic civil-human rights."

Folklorists and musicians Eileen Moore Quinn and Shamus Pender will present a performance of "A Story Program: Thoughts from the Great Irish Famine," on Monday, Feb. 26, as part of the 1995-1997 worldwide commemoration of the Irish Potato Famine (1845-1851). Quinn and Pender present poignant tales of hunger, the soup kitchens and the plight of the work-houses counterpoised with emigrant anecdotes, charitable actions and humorous memories. Their performance will consist of poetry, music, song and drama in both Irish and English.

### PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD

REMINDER – 1996 PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD nominations are due March 20, 1996 in the Office of Research and Sponsored Programs, 424 Corbett Hall. The award, in the amount of \$1,500, is made to a faculty member who has attained distinction in research or creative achievement. Each year, the Faculty Research Funds Committee makes nominations for the President's consideration, and the award is made at the Honors Convocation. Nomination forms are available from Gayle Anderson in the Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, and in the Offices of Deans.

## World Wide Web

### THE UMAINE WEB FORUM

Tuesday, Feb. 20

Wells Conference Center (unless specified otherwise)

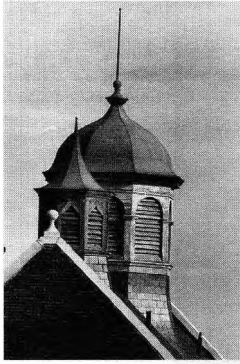
- 8:30-9 a.m. Coffee/UMaine Web Interactive Display
- 9:00-9:30 a.m. UMaine Web: "Building the Virtual Campus Bit by Bit," with Vice President Judi Bailey, Dean Elaine Albright and Task Force Coordinator Michael White
- 9:30-10:30 a.m. Faculty Panel Discussion, with those using the WWW in the classroom or research: Scott Overmyer, Paula Petrik, Ken Fink, Harlan Onsrud, James Patton
- 10:30-11 a.m. The Future of the UMaine Web: An Open Discussion with Vice President Bailey and Dean Albright
- 11 a.m.-noon Networking Panel Discussion, with representatives from CAPS, CIT, ASAP and the Library
- noon-1:30 p.m. Web Developers Bag Lunch, FFA Room, Union
- 1:30-2:30 p.m. Introduction to HTML, Fogler Classroom
- 1:30-2:30 p.m. Intermediate HTML, Lynch Room, Library
- 2:30-3:30 p.m. Intro to Graphics on the WWW, Fogler Classroom



# What Does It Mean to be a Land-

*The fundamental idea was to offer an opportunity in every State for a liberal and larger education to larger numbers, not merely to those destined to sedentary professions, but to those much needing higher instruction for the world's business, for the industrial pursuits and professions of life.*

Justin Morrill, from an address to the Vermont Legislature, 1888



Judi Bailey's definition of the land-grant mission is epitomized in her own experiences in higher education. She completed her graduate work at Virginia Tech where she was aware of the university's commitment to outreach programs throughout the state. At the University of Maryland her work as an assistant professor and human relations coordinator for Cooperative Extension incorporated activities that inherently fulfilled the land-grant mission. But it wasn't until she began her job as deputy director of Extension at the

University of the District of Columbia that Bailey says she honed her definition of what it means to be part of a land-grant institution.

"People frequently asked how the University of the District of Columbia could be a land-grant institution if the urban campus didn't have anything to do with farming," she says. "What epitomizes the land-grant tradition is bringing opportunities, information, training, application and expertise to the people the university serves, regardless of their location or available resources.

"At Virginia Tech, I saw an ethic among the faculty in the College of Education and Statistics who talked of the work they did beyond campus as a service to the state. At Maryland I saw the powerful combination of Extension and a research university impact people's lives. In D.C., I saw the social impact of the land-grant mission, particularly in work with youth and young mothers.

"I joined UMaine because the institution is small enough and the impact great enough that it can be felt," says Bailey, vice president for Academic Affairs. "Maine has a reputation for having that land-grant ethic for the entire institution. Across all colleges and departments, there is a commitment to the people of the state. Outreach has to do with extending knowledge to serve society. It is part of our identity.

"The land-grant designation is an institutional mantle – a mantle that extends campuswide to all our programs," she says.

For Bailey and many others in higher education, being steeped in the land-grant tradition has a significance unlike any other experience in academia. It equates to an ethic, a set of values and a foundation on which all else is built. In contrast, there are others in higher education who could not begin to define it, or if they are familiar with the abstract term, it is only in an historical context or in generalities.

This "new departure in American education" began with the Morrill Act of 1862. Grants were provided in the form of federal lands to each state for the establishment of a public institution to fulfill the Act's mission – to teach agriculture, military tactics and mechanic arts, as well as classical studies, so that members of the working classes could obtain a liberal, practical education. Merritt Fernald in *History of the University*, describes the Morrill Act as seeking a closer relationship "between the brain and the hand, between theory and practice, and so the enlarging of the boundaries of the educational field, especially as related to the practical enterprises and affairs of life."

That was more than 130 years ago. Since then, land-grant universities, the nation and the world have evolved dramatically. Students are now being prepared to meet the challenges of an information age rather than an industrial age. Turn-of-the-century priorities are different from those at the dawn of a new millennium.

Through the years, the designation of being a land-grant institution has been considered both a distinction to be the best of the best, and a deterrent – a link to the past and an image best forgotten in the face of progress.

So what does it mean to be a land-grant university in 1996?

The Kellogg Commission on the Future of the State and Land-Grant Universities has just been formed with a mission to identify changes occurring at public universities and to encourage reforms necessary for the future. The Commission is made up of 22 heads of institutions from the National Association of State Universities and Land-Grant Colleges (NASULGC), the nation's oldest higher education association. University of Maine President Fred Hutchinson is among the national leaders in higher education on the Commission, which has as a major priority the examination of faculty or university culture.

"The timing and urgency of the Kellogg Commission's formation reflects the growing awareness that once again the land-grants must be leaders," says Hutchinson. "There are many, many areas that must be addressed – loss of funding, concerns with accessibility and accountability, shifting priorities, political realities, and a score of other issues. We need a national strategy, and we need it now. The Kellogg Commission will help us to develop that strategy to maintain land-grants as vital and relevant public resources.

"When you think about our land-grant responsibility, our outreach responsibilities distinguish us moreso than most other public universities. It is the most visible and tangible distinction," says Hutchinson. "The nature of our outreach may be far different from the way it was envisioned 100 years ago, but the premise of taking research and knowledge to the people is just as important now as it was then. That's a commitment that we need to impart on our students, faculty, and staff, since it goes to the heart of the 'citizenship' responsibilities of a public, land-grant university. When we look at the competition for university resources, whether it's in Orono, Maine, or at any other land-grant, it may become attractive to some to view outreach as perhaps a tertiary function. Higher education cannot relegate to a back burner its obligations to serve the public. If we do it right, our tripartite missions must be closely intertwined."

At the University of Maine in recent years, the annual fall orientation program for faculty and professional staff members has included tours to different regions of the state where the University is in partnerships with business, industry and communities. The tours provide a flavor not only of the state but what it means to be a land-grant institution – an important message, considering up to 50 percent of the new members of the University community have little or no experience with, or never even heard of, a land-grant mission.

This semester, the land-grant mission of the University has been one of five overarching topics of discussion as part of the Academic Affairs Planning Process, part of UMaine's compilation of goals and objectives for the remainder of the decade known as AFFIRM – Actions to Facilitate Fiscal Integrity and Refocused Missions. The last time the land-grant mission was discussed on such a campuswide scale was in 1988-89, which culminated in the report, *Excellence Without Elitism*, by the Presidential Commission on the Land-Grant/Sea-Grant University of the Future.

"One of the issues we talked a lot about is what it means to be a land-grant university in the late 20th century," says Steve Reiling,

# ant University?

head of the Department of Resource Economics and Policy who chaired the Commission. "Institutions went through a time when the land-grant designation had a negative connotation of being 'aggies' and cow colleges. Since World War II, many universities have been trying to shake the land-grant image. Through the years, we have pulled out the land-grant label when we want to be different, and put it in the sack when such a distinction doesn't behoove us.

"The two basic tenants remain. We need to be accessible to the general population; people should be able to afford to send their kids to college," says Reiling. "We also have an obligation to perform services relevant to the state and beyond. While that mission has not changed, the methodology necessary to do that has changed dramatically. Agriculture is not the predominant industry it was 120 years ago, and many of today's social problems have nothing to do with agriculture, but the University has the resources and experts to address these problems, as well."

What the 16-member Commission found is that the land-grant concept is timeless, Reiling says. "The land-grant mission is focused on the problems as well as the opportunities confronting the state. Faced with the question whether being a land-grant focusing on state issues was too parochial in a global economy, the Commission's position was that Maine problems are not that different from those of the nation or world, and that there is relevance. If we do not work on Maine's problems, who will? The land-grant university was established to serve the whole state, and the state is therefore the land-grant campus."

However, the Commission noted that simply declaring the intention to carry out teaching, research and public service functions is no longer sufficient. Conscientious and effective execution of the mission requires that the tripartite activities be judged according to three traits that capture the timeless essence of the original land-grant/sea-grant concept: intellectual leadership, social relevance and access. The report noted that there is a constant historic tension between the demands of academia, and the demands of relevance and access, with reconciliation found in the idea of pursuing "excellence without elitism."

But seven years ago, the findings of the Commission report met with diametrically opposing reviews, says Reiling. People familiar with the land-grant philosophy noted that the report broke no new ground; instead it reiterated basic philosophy and repositioned the relevance of the land-grant mission statement in the 20th century. Others on campus thought the Commission's report was revolutionary – and dangerous, Reiling says. Critics charged that the land-grant mission was limiting.

Today, such foreboding is echoed in the philosophy of those whose roots are deep in the land-grant tradition. "It is critical that, in addition to providing accessible, high-quality education for the citizens of Maine, the University carry out research and public service to improve the lives of Maine people, says Bruce Wiersma, interim vice president for Research and Public Service. "We do not have the luxury at a land-grant to be too busy or not provide support. If we do that, we do so at our peril or because we've forgotten who we are."

The land-grant mission is an ethic that says you do things well and at the same time you think about those you are doing those things for. It ties back to the people – and a 19th century populist ideal, says Mark Anderson, associate director of the Maine Agricultural and Forest Experiment Station where, as in the resource-based academic disciplines at UMaine, the land-grant tradition is not only embraced but used as the framework for the vision and mission of the units.

*continued on page 15*



Mary Ellen Camire,  
Chair, Food Science &  
Human Nutrition



Walter McIntire,  
Director, College of  
Education Center for  
Research & Evaluation



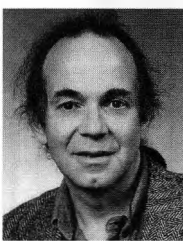
Kathryn Olmstead,  
Maine Center for  
Student Journalism



Bill Whitaker,  
Baccalaureate Program  
Coordinator, Social Work



Tina Passman, Chair,  
Department of Modern  
Languages & Classics



Tony Brinkley, Associate  
Professor, English

Land grant universities apply science to practical problems. My advisees here at Maine study all the basic science, then they use that knowledge in rewarding careers. I really enjoy my teaching, research and outreach, and I hope that my enthusiasm for food science and nutrition inspires my students. The tripartite mission of the University is epitomized by our program—we teach over 100 undergraduates and 30 graduate students; our faculty's research is recognized internationally; our research translates into more jobs, more money and better quality of life for Maine residents.

I find in my students the same curiosity, excitement about learning, and appreciation for the people and programs of the University of Maine that I experienced at and for UNH 35 years ago. This institution is peopled with individuals who have and instill in our students a sense of purpose, even urgency, to address the state's needs and issues. Most of all, I enjoy working with young people, often first-generation college students, as I was, watching them grow, mature and leave the University to take their places as young professionals with solid personal and academic preparations based on their UMaine experiences.

Mention of the land-grant mission of UMaine reminds me that the University belongs to the state and serves it through teaching, research and service. Located in the middle of the state, the Orono campus of the University System is positioned well to fulfill this role. It is almost equidistant between Kittery and Fort Kent, Jackman and Eastport. Historically, the land-grant mission recalls the University's origins and our personal relationship to the land as an agricultural state and nation, reminding me of the importance of sustaining the capacity of this land to feed and support Maine's people.

I have chosen to teach in land-grant universities because I believe in the land-grant mission. The University of Maine should, above all, provide high-quality, affordable education to working-class students and others with modest financial resources. As a land-grant university, UMaine also has a special responsibility to generate knowledge and to share it in ways which benefit Maine people. As a social work professor, for example, part of my responsibilities are to investigate issues related to hunger and poverty, and to work for public policies which reduce those problems in Maine, the U.S., and the world.

Teaching in a land-grant institution is part of a vow I made to myself when I began my education as a non-traditional student. First at the University of Iowa, and then at the University of Georgia, both land-grant institutions, I engaged in challenges of accessibility, citizenship, the free and open marketplace of ideas, and the production of knowledge. Here at UMaine, the challenges are accessibility, equity and aspirations. The possibilities of pioneering radical pedagogues joins with values and a deep work ethic that supports the fact that innovation can only work when accompanied by "being there" for the long run. I'm in for the duration.

When people come to the University, do they feel the power of who they are and of what they bring? We are Maine's land-grant university, but what does that mean? I think it means to be uniquely of this place, a University of all the people and communities of Maine. I teach in the English Department. I would like to think of departments like mine as cultural work-spaces, as places where people have the power to work collaboratively to produce the cultures in which they live.

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## 21st Century Space

Developing space suit gloves and creating dynamic engineering models of inflatable beams for space structures are among the ways John Main's research is helping NASA move into the 21st century.

Main, an assistant professor of mechanical engineering who joined the faculty last September, works primarily with inflatable space structures such as radio dishes and telescope mirrors. The premise behind his current work is that it is possible to build a large inflatable structure 400–500 meters in diameter, pack it into a small ball, launch it into space and inflate it. In another major area of aerospace inflatable structures, space suits, Main is researching how to make them more flexible.

Main's work on space gloves was commissioned by NASA. His inflatable structure work has been supported in part by NASA and tested at NASA facilities. His work with space gloves naturally lends itself to his latest endeavor because both are about finding ways to use lighter materials and knowing how they will behave and can be manipulated in zero gravity. NASA is quite interested in the work that Main and other researchers are doing because it not only can expand capabilities but can also help cut its costs. Not including NASA's own researchers, Main estimates he is one of probably only three or four researchers in his field of expertise at universities around the country.

"The biggest expense in spacecraft today is launching the thing and that's directly proportional to how much it weighs and how much solid material you have. Inflatable structures weigh significantly less and take up considerably less space," Main says. "If you can roll up a telescope mirror into a 1-meter cube package, you could have a huge telescope in orbit that wouldn't cost you that much to launch."

The theoretical possibilities of this cutting-edge research are virtually endless. Projects such as massive solar concentrators and observatories could be constructed out of inflatable structures. Using active, or "smart," materials, materials that change shape and size in response to an external electrical input, adds even more possibilities to future space research.

Combining active materials with inflatable structures could create an intelligent inflatable structure, which would lengthen or shorten itself when a voltage was applied. The difficulty with predicting the final shape of inflatable structures once placed in zero gravity would no longer be a problem because it would be possible to change the shape. Hybrid, active materials could also compensate for materials used currently that lack durability. For example, if a structure develops a puncture, it could be told to shift around and effectively plug itself.

"The next generation of inflated structures will be an operable observatory which we would be able to point and focus. An inflated telescope mirror could be the Hubble of the future. If it is out of focus, we could tell it to simply adjust itself until it is in focus — we would no longer be stuck with what we have in orbit. These structures would be faster to put together, cheaper to operate and potentially huge," Main says.

This is a unique time in history, says Maine. "We have this inflatable structures technology and this smart materials technology that have been developing for years, and now they are both mature enough that we can put them together and build something. The current focus in the sciences and technology field is to do everything faster, cheaper, lighter, and that opportunity is here now with these structures and materials."

## Urchins and a Diverse Ecosystem

University of Maine researchers who monitor the rise and fall of sea urchins are suggesting that once-abundant populations may have been the result of an unintentional biological experiment. Robert Steneck, professor of oceanography, says that the removal of groundfish from coastal waters may have allowed urchins to spread unchallenged over the sea floor — until now.

The thick carpet of urchins has supported a booming industry in Maine since 1987, but the intense urchin harvest is affecting other parts of the marine environment as well. Some changes may impede the recovery of urchin stocks.

"Historically, sea urchin stocks were probably controlled by large predatory fishes," Steneck says. "However, these and other large predators have been removed from coastal settings. So sea urchins became hyperabundant, and in Maine, that resource became attractive to the industry."

Exploding urchin populations have also had consequences for coastal ecosystems. As urchins became abundant, they consumed large quantities of kelp and other seaweeds. Not surprisingly, at Steneck's monitoring sites, these plants have dramatically increased where urchins have been removed.

Ironically, the blossoming kelp may hinder the urchins' recovery from human harvesting. "Although kelp is a preferred food for urchins, a number of studies have shown that the larval sea urchins have difficulty in establishing themselves in kelp beds," says Steneck.

Possible solutions to the negative impacts of kelp on urchins might be to control kelp harvesting or the establishment of reserves where urchin harvesting is not allowed. Such areas would, in effect, become urchin nurseries.

"I would think that one of the considerations should be to maintain the diversity of the ecosystem to preserve the number of options available to harvesters," Steneck says.

## World Wide Web Watching

The University of Maine World Wide Web Task Force has listed some URLs from the University's official homepages that reflect the range of departments and services connected to the World Wide Web:

**Purchasing Department:** <http://www.ume.maine.edu/~purchase>  
Purchasing provides information on central supply stock lists and order forms, as well as a schedule for bid openings.

**Percussion Studies:** <http://www.ume.maine.edu/~percdept/>  
The University of Maine Percussion WWW page provides information on undergraduate programs, ensembles, auditions and facilities. Music resources on the Internet are also linked.

**Telecommunications Department:** <http://www.ume.maine.edu/~umtel/>  
Telecom's online information includes the campus phone directory, products and services, as well as a newsletter.

**Cutler Health Center:** <http://www.umecut.maine.edu/>  
Cutler Health Center offers an "Ask Cutler" page to provide accurate medical information for questions posted. The University Volunteer Ambulance Corps provides information on its services.

**College of Education:** <http://www.ume.maine.edu/~cofed/>  
This site provides info on undergraduate and graduate programs, as well as links to programs supported by the College.

**Department of Civil and Environmental Engineering:**  
<http://www.umeciv.maine.edu/ce.htm>  
Undergraduate and graduate programs, faculty research and conversion factors are all found within this departmental page.



**Theodore Coladarci**, associate professor of education: "Review of the Teacher's School Readiness Inventory," pp. 1031-1033; and "Review of School Situation Survey," pp. 928-931, *The Twelfth Mental Measurements Yearbook*, J.C. Conoley & J.C. Impara (Eds.), The Buros Institute of Mental Measurements, Lincoln, Neb. (1995).

**François Amar**, associate professor of chemistry: "Isomer Specific Evaporation Rates: The Case of Aniline- $Ar_2$ ," with Pascal Parneix and Philippe Bréchnignac, both of the University of Paris, *Journal of Chemical Physics*, 104:983-91 (1996).

**Jim Richards**, former graduate research assistant in spatial information science and engineering and the National Center for Geographic Information and Analysis, and **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: "A Comparison of Two Direct-Manipulation GIS User Interfaces for Map Overlay," *Geographical Systems*, 2(4): 267-290 (1995).

**William Bray**, Department of Mathematics: "Generalized Spectral Projections on Symmetric Spaces of Non-compact Type: Paley-Wiener Theorems," *Journal of Functional Analysis*, Vol. 135 (1966) pp. 206-232.

**Maarten DeBoer**, surgeon, Dr. Daniel den Hoed Cancer Clinic, University Hospital, Rotterdam, the Netherlands; **Jean Pruyn**, research scientist, Institute for Health and Environmental Issues, Wilemstad, the Netherlands; **Bart van den Borne**, professor of health education, University of Limburg, the Netherlands; **Paul Knegt**, surgeon, Dr. Daniel den Hoed Cancer Clinic; **Richard Ryckman**, professor of psychology; and **Carel Verwoerd**, surgeon, Dr. Daniel den Hoed Cancer Clinic: "Rehabilitation Outcomes of Long-term Survivors Treated for Head and Neck Cancer," *Head and Neck*, pp. 503-15, (November/December 1995).

**Peter Csavinszky**, professor of physics: "Numerical Investigation of a Lower Bound to the Thomas-Fermi Kinetic Energy and the Validity of the Lieb Conjecture for  $H$ ,  $He$ ,  $Li^+$ ,  $B^{3+}$ ,  $O^{6+}$ ,  $Ne^{9+}$ ,  $Mg^{12+}$ ," *International Journal of Quantum Chemistry*, 57:449-52 (1996). [Professor Csavinszky passed away December 31, 1995]

**Robert Vadas**, professor of plant biology and oceanography, and **Robert Steneck**, professor of oceanography: "Overfishing and Inferences in Kelp-sea Urchin Interactions," *Ecology of Fjords and Coastal Waters*, pp. 509-24 (eds. H.R. Skjoldal, C. Hopkins, K. Erikstad and H. Leinaas, Elsevier Science) (1995).

**A. A. Storm**, English/history/philosophy undergraduate, has a poem, "A Choice," in the *The Rectangle* (Fall 1995).

**Jayendran Rasaiah**, professor of chemistry: "Molecular Dynamics Simulation of Ionic Mobility 2. Alkali Metal and Halide Ions Using the SPC/E Model for Water at 25  $^{\circ}C$ ," *Journal of Physical Chemistry*, Vol. 100, 1420 (1996).

## Book Ends

### New & Noteworthy at the University Bookstore

Valentine's Day is coming up, and an anthology of love poetry might just do the trick. Stop in and see us at the Information Desk for ideas, and also to enter a drawing for some FREE books. Also, you can now save even more on the top 10 *New York Times* bestsellers we stock—as of this week, they are 30 percent off the cover prices.

#### Fiction:

*The Dechronization of Sam Magruder*—George Gaylord Simpson. This is already being compared to H.G. Wells' classic *The Time Machine*, and for good reason. Simpson is known as one of the greatest paleontologists of the 20th century, and after his death in 1984, his daughter found the manuscript of this novella. In it a research chronologist from the year 2162 travels back in time to the Jurassic period and uses his modern perspective to survive in a dinosaur-filled valley. Arthur C. Clarke provides the introduction.

*Unlocking the Air*—Ursula Le Guin. In her own words, Le Guin calls this collection of non-science fiction short stories "explorations of the mysteries of name and time and ordinary living and ordinary pain." She also says here that "reality is a slippery fish that can often be caught only in a net of spells, or with the hook of a metaphor." This is sure to intrigue her varied fans.

*Expiration Date*—Tim Powers. The author of *Last Call* and *The Stress of Her Regard* brings us a "bizarrely convincing ghost story" set in 1990s Los Angeles and involving a young boy, the specter of Thomas Alva Edison, and a terrifying chase through the dark underside of the city.

#### Nonfiction:

*The Eyes of the Fleet: a Popular History of Frigates and Frigate Captains, 1793-1815*—Anthony Price. According to Admiral Nelson, frigates were "the eyes of the Fleet," used as scouting cruisers, but also true warships. Readers of Patrick O'Brian's novels will enjoy this glimpse at Jack Aubrey's time.

*The Complete How to Figure It*—Darrell Huff. Math anxiety will be calmed by this humorous and intelligent guide to all things Figured, from college costs to balancing your checkbook, and from retirement planning to odds at blackjack. Huff is well-known for his fabulous little book, *How to Lie with Statistics*.

*State of the World 1996*—Lester Brown and the Worldwatch Institute. The Institute was founded in 1974 to inform the public about the world economy's relationship with the environment, and provide "current, authoritative, and well-reasoned environmental policy analysis and information."

#### Valentine's Day Suggestions:

*Recipes for Romance: 50 Ways to Sweeten Your Love Life*—Leslie and Jimmy Caplan. These "recipes" are actually combinations of ideas (only some of which include food!) to bring Romance with a capital "R" back into your life.

*How to Write Love Letters*—Michelle Lovric. This is a gorgeously illustrated treatise on the history and composing of the love letter. Lovric gives advice in nearly 50 categories, including Nostalgic, Disoriented, Delirious, Endearing, New-found, Querulous, Semi-detached, and Inextinguishable.

*Poems of Passion, Poems of Love*—Elaine Goldman Gill and John Gill. If you can't find the words to express the depths of your feelings, use the words of Pablo Neruda, Rumi, Marge Piercy, Ntozake Shange and others from this illustrated anthology.

#### BIRD AND BIRD INSTRUCTIONAL & FACULTY DEVELOPMENT GRANTS

The Adelaide C. and Alan L. Bird Fund for the Improvement of Teaching Quality was established in 1971 to finance innovative projects in undergraduate teaching. The fund is administered by the Vice President for Academic Affairs, 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 1995-1996 grants will be awarded to individual and collaborating faculty members. Group proposals may come from departments, colleges, or other academic programs or units. 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. An application form and project description should be submitted to the Bird and Bird Fund, Academic Affairs, 209 Alumni Hall. Contact Carole Gardner, x1617. Applications must be received at 209 Alumni Hall by March 22. Submit 13 copies of the proposal.





**Irv Kornfield**, professor of zoology, served on the National Science Foundation review panel for Doctoral Dissertation Improvement Awards, Jan. 25-26, Arlington.

**Jayendran Rasaiah**, professor of chemistry, presented a paper: "Solvent Dynamics and Ion Mobility in Aqueous Systems at Infinite Dilution," at the symposium: "Solvent Dynamics: From Ions to Proteins," held during the Pacificchem meeting in Honolulu, Dec. 17-22. Co-authors were graduate student **Song Hi Lee** of Kyung Sung University, Pusan, South Korea, and current graduate student **S. Koneshan**.

Professor **Dennis Cox**, Music, has been invited to conduct the *Faure Requiem* at Carnegie Hall in New York City Jan. 26, 1997. The 200-voice Carnegie Hall Choral Residence Choir will be joined by professional soloists and orchestra.

Jan. 29, **George Markowsky** presented a two-hour workshop on Exploring the Cyber-Environment at the Annual Meeting of the New England Water Environment Association in Boston.

**Joann Kovacich**, director of Interdisciplinary Training for Health Care for Rural Areas (ITHCRA) Project, and **Diana Bremer**, ITHCRA Project staff, attended the 1996 Workshop for Key Staff of Interdisciplinary Rural Training Grants in Arlington, Jan. 20-23, where they gave a poster presentation: "What's New, What's Cool: Maine's Interdisciplinary Training for Health Care for Rural Areas Project's Homepage," and facilitated the roundtable discussion on health informatics.

## Liberal Studies *continued from page 1*

The era of downsizing relegated the program to slumber three years ago. Last year the decision came to reopen admissions after the Continuing Education Division offered to guarantee four core seminars per year.

"Any time we can work with a college, school, department or faculty member to promote lifelong learning and access to University resources, we are ready to help," says Jim Toner, acting director of CED and Summer Session. "The MALS benefits our main constituents — part-time, evening, non-traditional and distance students."

Admission requires a bachelor's degree backed by good grades. Students follow a three-stage program to accumulate 30 credit hours progressing from the core seminars — which, depending on the semester, may or may not relate directly to the student's area of study — on to graduate-level courses and a master's project.

Unlike a traditional written thesis, the project may take any of a variety of forms. One student catalogued artifacts from an archaeological dig; another created a wall hanging as the result of studying modern weaving techniques. A teacher studying the Columbian quincennial developed a yearlong curriculum and created a play, the production of which was submitted on videotape. Like Andrews, who began writing *Perspective: Love, Self & Self-Knowledge* 13 years ago, after obtaining his bachelor's degree in psychology, many MALS students seek admission to the program with a project in mind.

Entrance is granted by a standing five-member admissions/advisory committee comprising faculty members Jack Wilson, English; Tina Passman and Cathleen Bauschatz, Modern Languages and Classics; Erling Skorpen, philosophy; and Eugene Del Vecchio, associate dean of the Graduate School and overseer of the MALS program.

"We carefully evaluate and discuss the students' applications, looking for a balance between maturity and life experience, creative ideas that synthesize fields of knowledge leading toward the completion of the project, and indications of academic success," says Passman. Members also act as temporary advisers, guiding newly admitted students until they are ready to begin their projects and helping to select advisory committees and chairs.

MALS has graduated 45 students over the years. While their average age is around 40, the age range is broad. The oldest-ever University of Maine graduate, 96-year-old Elizabeth Crosby ('88), was in the MALS program. A current student, Russell Whitmer, was the national Outstanding Continuing Education Student of the Year — and has pursued his goal despite the effects of Grave's disease and subsequent strokes that have left him disabled.

The program has evolved over time, becoming less rigid and incorporating new technologies. Some courses now are offered through interactive television, allowing those living and working in farflung areas to participate without a strenuous commute to Orono. And, according to Del Vecchio, MALS has begun "bridging the gap" toward more specialized advanced-degree programs.

Passman echoes Toner's recognition of the importance of lifelong learning.

"People don't stop learning — professors or students — at the completion of a degree," she says. "Interests change and mature — new perspectives and new ways of viewing knowledge and the uses of knowledge come forward over the life span." ▲

## UMaine Extramural Awards

**Joan Klussmann** of the Hudson Museum has been awarded \$500 from the Maine Humanities Council for a project: "Pre-Hispanic Mesoamerica, CD-ROM Planning." This grant pays the costs of planning meetings held among teachers and Hudson Museum staff to create a CD-ROM program for Mesoamerican studies. The program will enhance existing curricula and encourage use of the Museum as a resource.

**Jeffrey Hecker** and **Melinda Smith** of the Department of Psychology were awarded \$2,000 by the American Heart Association for a Summer Fellowship Award to support Smith's work on a project: "Panic Disorder in Post Myocardial Infarction Patients: Prevalence, Etiology, Physical Symptoms and Cognitive Styles." This study evaluated a group of heart attack patients for the presence of panic disorder, examined the order of onset of the two problems and studied cognitive styles of the patients.

**Allan O'Connell** of the Department of Wildlife Ecology and Cooperative Park Studies Unit has been awarded \$3,200 by the National Park Service for a project: "Monitoring the Abundance of White Tailed Deer and Their Impacts on Native Flora and Fauna in Parks: An Annotated Literature Review." This project will produce a computerized review of literature on methods for evaluating the abundance and distribution of white-tailed deer populations in parks. The bibliography will be distributed to national parks throughout the United States.

**Stephen Hornsby** and **Raymond Pelletier** of the Canadian American Center have been awarded \$190,750 by the U.S. Department of Education for the National Resource Center, Canadian Studies Program. Funds will be used for faculty and curriculum development, teacher training and student education. Institutes will be held for college faculty, librarians and elementary and middle school teachers to learn about Atlantic Canada. Students will travel to Ottawa for a fieldtrip, and materials will be acquired for Fogler Library.

### 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. The recorded message will provide general information about postponements or cancellations due to a storm.



# W e R e m e m b e r



When I think of Ray Fogler, it is not often in terms of his extraordinary career accomplishments. I know the story of his rise from stockroom clerk to President of W.T. Grant; his tenure as president of the second largest mail-order company in the world—Montgomery Ward; and his years as Under-Secretary of the Navy in the Eisenhower administration when he helped to usher in the atomic-powered age of Navy submarines.

I pay silent homage to this record of accomplishment; but it is Raymond Fogler as a MAINE man whom I most remember.

It was in 1976 that I returned to my alma mater to serve the University through the Alumni Association. One of the very first alums I met was Ray Fogler. I soon learned that it was his habit whenever on campus to stop by the Alumni Office to check on the staff to make sure we were on the right track, both with respect to alumni programming and service to the University.

As a founder of the Senior Alumni Association, past-president of the Greater New York Alumni Association and ultimately, past-president of the General Alumni Association, he was acutely aware of the responsibilities of alumni to serve and to promote their University. If students are the heartbeat, alumni, he said, are the life-blood of an institution. Depending on the situation, he would encourage, motivate, chide or scold us; but he was always, always there to move alumni in positive directions for the University.

I remember the time, shortly after my arrival, when the Alumni Association purchased its first word processor—an IBM OS6. To say that office workers were reluctant to embrace this new technology is an understatement. However, the day after the equipment arrived and was installed, Ray Fogler showed up in the office to talk to each of us. Much like a coach, he came to “fire up” the team and challenged us to stride boldly into the future using the technology now available to us. He stood there, a little man in his 80s with snow-white hair, commanding the most awesome presence.

I shall never forget his total understanding of the remarkable possibilities waiting for us. He embraced the future with such enthusiasm. I think it was Ray, more than anyone else in my life, who taught me not to fear change but to welcome new ideas and concepts as exciting possibilities.

In 1978, I was charged with the responsibility of arranging the Alumni Career Award dinner that would enable the Alumni Association to honor Ray's career accomplishments. As was the usual plan, the dinner was scheduled for Homecoming Weekend, in the Mahogany Room at Wells Conference Center. Reservations flooded in, and catering services kept adding tables and chairs to accommodate the growing numbers.

On the night of the event, Ray stood to accept his award and talked about the University—the years he spent here, the lessons he learned and the doors that opened for him as a result. And then he asked his family to stand. Of the assembled alumni and distinguished guests, nearly two-thirds were Ray's own family—accomplished sons and daughters, grandchildren and great-grandchildren! It was a remarkable testimony to the influence of the man and to the depth of his loyalty to the University that so many have chosen to follow in his footsteps. I understood

that night what others meant when they described Ray's blood as “UMaine blue.” It coursed deep and strong through every vein in his body.

Reunion Weekend never arrived without the presence of Raymond Fogler to stand and proudly represent the Class of 1915. The Twentieth Century Class Cup, awarded for attendance by the most senior class represented at reunion, was won by the Class of 1915 more than any other class in the history of the University of Maine. It is doubtful if any other class will ever be so long represented. Last June was the first year he missed reunion. His legs could no longer mount the stairs in Wells, and he refused to accept a wheelchair. It wasn't the same without him.

For those of us fortunate enough to have known the man, we will count our blessings and remember the lessons he taught and the examples he set. I will always see the little man with the snow-white hair, impeccably dressed in crisp white shirt, conservative tie and dark three-piece suit. But most of all, I will remember the twinkle in his eye, the sharp mind that missed nothing, the gentleness that encouraged others, and the stature that seemed as tall and as straight as a native Maine pine.

He was an extraordinary man in every way, and the University of Maine was enriched by his having been here.

*Nancy Morse Dysart '60  
Vice Present, Alumni Activities  
University of Maine General Alumni Association*

**The University of Maine  
University of Maine Foundation  
General Alumni Association**

invite the UMaine community to a

**MEMORIAL CELEBRATION**

**Honoring the Life of UMaine's Most Distinguished Alumnus  
Raymond H. Fogler, Class of '15, (1892-1996)**

**THURSDAY, FEB. 15, 4:30 P.M.**

**BODWELL AREA, MAINE CENTER FOR THE ARTS**

## D i d Y o u K n o w

▼ In addition to a full complement of outdoor instructional programs, Maine Bound operates an indoor climbing gym, an outdoor equipment rental center, and a ropes course.

▼ The Maine Bound climbing program is the only full-service university outdoor program in the U.S., accredited by the American Mountain Guides Association.

▼ All programs are open to the general public.

▼ University staff receive a 10 percent discount off most programs and services.

▼ Climbing wall birthday parties are particularly popular programs for families with children.

▼ Maine Bound maintains a resource center that includes maps, books, journals and employment opportunities in adventure education.

▼ Student staff members are selected from dozens of applications, and each instructor participates in an extensive apprenticeship and on-going leadership development prior to leading any courses. All instructors are also at least Wilderness First Responders.

▼ Last spring semester, Maine Bound offered 292 program days. Maine Bound courses have run from 50 feet below sea level to 21,500 elevation, and from inside the Memorial Union to the slopes of South American volcanoes.



Maine Perspective classified ads are published weekly and 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. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

#### FOR SALE

**FREEZER LAMB AND BEEF:** Call for prices. Witter Center, University farm, x2793.

**GAME GEAR:** Includes six games, game genie, AC Adapter. In perfect condition, \$149 or BO. Call 942-9137 for details.

**KAYAK:** Perception Dancer, with paddle, helmet, spray skirt and air bags. \$500 or BO. Call 827-6165.

**NORDIC TRACK WALK-FIT:** Aerobic exerciser which includes arm exerciser poles. \$300. Call 827-8048, evenings.

**WOOD STOVE:** Alpine, 30"x26"x22", excellent quality and condition. Use as fireplace insert or stand-alone. Call 866-5548.

#### FOR RENT

**APARTMENT:** One-bedroom in excellent condition in quiet Orono neighborhood. Living room, full bath and modern kitchen, range/stove, refrigerator, W/D, off-street parking, snow plowing, half-mile from campus. \$480/month includes utilities. Reference/security required. Non-smokers only. Call evenings, 866-5983.

**APARTMENT:** 11 Michael Street, 1 mile from campus on large picturesque lot by Stillwater River, very clean, 2 bedrooms, 2nd floor, unfurnished, washer/dryer, w/s paid, \$400/month. 989-3048.

**APARTMENTS:** Studio, 1, 2, & 3 bedrooms. Heated, fireplace, parquet floors, deposit, lease. No pets. From \$385 per month. Call 947-6367.

**TOWNHOUSE:** Attractive, tri-level condominium. Furnished, carpeting throughout, 3BR, 2 1/2 baths, fully appliances kitchen, W/D, basement. 1,800 sq. ft. Five-minute walk to UMaine. Available Aug.1, \$750/month. Call 866-0197.

#### SERVICES

**ANGEL WING DESIGNS:** A local service designed to make your home more heavenly. Spring cleaning, painting, wallpapering - all at down-to-earth prices. Call Mary, 827-5724.

**EDITOR/WRITER:** Professional, efficient, reasonable. MLA, APA & Chicago Manuals of Style. Fifteen years of experience. Call Kay, 338-6468.

**HOUSE CLEANING:** I will clean your home or office. Responsible, reasonable rates, references. Call 945-3249.

**NOTARY:** For University business, call x2188 to schedule appointment. For personal business, call 989-3433 for appointment.

**TYPING:** Course papers, forms, resumes, lecture tape transcriptions. APA format. Use computer/word processors, for instructors and students. Very convenient, near UMaine. Reasonable rates. Reliable. Call Diane, 866-4677.

#### WANTED

**APARTMENT:** Professional couple with 3-year-old daughter seeks spacious 2-3 BR in-town Orono apartment or house with W/D or hookup to rent beginning anytime June for 2 years. Call Debbe, 581-2525, or 827-3296.

**ROOMMATE:** To share mobile home in Orono. Two miles from campus. Must be quiet, non-smoking, mature, nontraditional or graduate student. \$275/month. For info call Nancy, 866-3890 evenings.

**SURPLUS SALE:** The University of Maine offers for sale, on an as-is where-is basis, the following: (1) 386DX 40 COMPUTER, Raven Hill, \$450 OBO, (DEPTS ONLY); (1) SAVIN 5015RE COPIER, \$50; (4) FILE CABINETS, 4 drawer, Steelcase, 2 w/locks, \$75 each, (DEPTS ONLY); (1) FAX MACHINE, Brother 980M, plain paper, will ONLY RECEIVE, \$50; (1) METAL DESK, 6 drawer, fair condition, \$25, (FREE to departments); (1) COMPUTER DESK, pressboard, sturdy, open shelves and riser, \$30, (DEPTS ONLY); (4 boxes) 5.25" DISKS, high density, \$1.50 each; (7 boxes) 5.25" DISKS, double density, \$1.50 each; (1) AB SWITCH BOX, \$10; (1) DAYNA DRIVE, translates old IBM files into Macintosh, \$50; (1) NEC 8800 SPINWRITER PRINTER, daisy wheel type, FREE; (6) TIRES: (2) 600x16 tube type 4 ply, (1) G78x14 Horseman snow, (1) 650x16 retread regular, (1) L78x15 retread regular, (1) 650x16LT regular, \$10 each OBO; (1) FOUR PERSON COMPUTER TABLE, \$100; (2) TYPING STANDS, \$20 each; (1) DATA CARD IMPRINTER, Addressograph 850, semi-automatic, \$20 each. 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.

## 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.

**Payroll Technician II, University of Maine System, Payroll Office.** One-year, fixed-length position (1 year with possible renewal). Qualifications: A minimum of two years relevant experience and solid background in bookkeeping are required. Individual should have excellent communications skills for internal and external contacts. Personal computer and terminal experience in accessing a mainframe is highly desirable. Salary: \$9.43/hour. Review of Applications: Will begin 2/16/96. Contact: Carole Berry, University of Maine System, Office of Human Resources, 107 Maine Ave., Bangor, Maine 04401.

**Computer Operator, Computer Center, Orono.** Full-time regular position. Hours will include evenings (4 p.m.-midnight) and weekends. Qualifications: Experience in operation of IBM System/390's or equivalent. Preference will be given to individuals who have experience in running VM/ESA and at least on year of experience. Salary: \$8.72/hour. Review of Applications: Will begin 2/16/96. Contact: Carole Berry, University of Maine System, Office of Human Resources, 107 Maine Ave., Bangor, Maine 04401.

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

#### Attention All University of Maine System Employees with Dependents Covered Under the University Group Health Plan

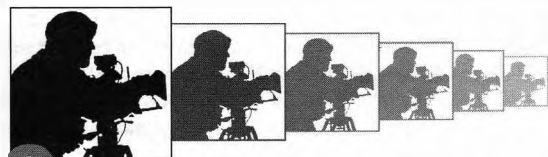
The University of Maine System has for some time attempted to develop an accurate group health plan employee and dependent database. This would assist in the management of the health plan expenses and would enhance New York Life's ability to process claims accurately and quickly.

Due to pending federal legislation regarding employers' reporting of Group Health Plan coverage and Medicare eligibility, the University, with the assistance of New York Life Insurance Co., must now gather the information to verify dependent eligibility and coverage under the group health plan.

You will soon receive a form from New York Life listing the dependents who are currently covered under the University's group health plan according to their records. Please review the material, verify or correct the information, answer the applicable questions, and provide missing information for each presently covered dependent. This is not an opportunity to add dependents to your coverage. The form should then be returned directly to New York Life as indicated.

The University appreciates your assistance in the gathering of this information. If you have any questions, please contact either your campus Benefits Office or the System Office of Human Resources.

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UNIVERSITY OF MAINE

## Land Grant *continued from page 9*

"In Experiment Station projects, there must be the assurance that what faculty members are doing is the most productive activity they're capable of doing for Maine people. We should be good and relevant — not one or the other," says Anderson. "We have a litmus test, although it can be considered a risky one and subject to interpretation. However, it helps when the tough decisions, like those associated with downsizing, have to be made. We imagine someone who lives out in Clifton cutting pulp and paying for his skidder and paying taxes to keep us here. Or we imagine the single parent putting a child through school. We ground our decisions back to those people; if we had to explain the work we do here at the University as the sensible thing, could we do it?"

What can't be forgotten is that all the people in Maine pay taxes to support the University of Maine System, "but an awful lot of people never came here or had kids here. Yet they still have educational needs that can be met through outreach," says Vaughn Holyoke, director of University of Maine Cooperative Extension. "I see a lot of institutions with strengths and products to sell, and they're in the communities trying to generate an audience to sell to. Extension facilitates the other approach, with volunteers in the counties as the eyes and ears of what the community needs for information and education. The approach is then to devise plans to go out and meet the needs. There's a difference between pulling something out of a bag and selling it, and determining what the needs are and then returning to deliver to meet those needs

"But when we don't do public service well, we have trouble with public support for the University. You don't sell bond issues by going out the day before the vote and saying how good you are. You sell bond issues every day of the year with all the people committed to public service. We are experiencing a period when we are certainly not a high priority on state legislators' funding lists, and that reflects in part what they think of us. It's not that they don't think education is important, but what they think they are getting for their dollar."

Those priorities may be changing, and the role of land-grant institutions could be even more important in the future if we are indeed witnessing an historic turn-around between the federal and state government, says Reiling. "Land-grants will be in a position to have research driven by the state rather than on the federal level, and states will turn to their land-grant universities.

### EMPLOYEE ASSISTANCE PROGRAM (EAP)

This time of year is especially difficult for many people, including our faculty and staff who are struggling with workplace and personal stresses.

- ▼ Workplace: Doing more with less; job insecurity; on-the-job stressors, etc.
- ▼ Personal: Financial worries, depression, burnout, anger outbursts, emotional distress, failing relationships, parenting difficulties, stress and anxiety, etc.

Due to the increased stress level experienced by our employees, for this semester the EAP will be providing:

- ▼ Free, short-term counseling for UMaine employees and their immediate family members
- ▼ Free, one-hour educational group on deep relaxation techniques
- ▼ Free, educational programs offered to departments on topics such as: Stress Management, Deep Relaxation, Balancing Work and Family, Alcohol and Drug Dependency, Improving Communication in the Workplace, Effective Parenting, and more.

To avail yourself of EAP services, call x4014 to arrange a strictly confidential appointment with Polly Moutevelis Karris (Monday - Friday) or James Werrbach (Tuesdays and Thursdays).

If this trend comes about, there are going to be greater expectations on the University to help the state deal with problems and opportunities more than ever before, and universities like UMaine should be in a position to respond. The land-grant mission may be more relevant today than it was 20-30 years ago."

If the land-grant mission is working, the University is the first place one thinks of for help or answer, according to Professor Emeritus of History David Smith, author of the book, *The First Century: A History of the University of Maine, 1865-1965*. "That obligation to lead on the part of the University is what helped me and countless other people make the best use of our best abilities. It is what a democracy is about — helping people make the best of themselves."

The land-grants are where the public and students — undergraduate and graduate — get the most opportunities for their investments, Bailey says. In the integration of teaching, research and outreach, there is a synergy that serves faculty and students well, and makes for a total learning environment.

"Our students have some special opportunities to be involved in some of the finest research," Bailey says. "They have opportunities because we are a land-grant with an array of curricula that they may not find in a non-land-grant institution. Students involved in service activities build an ethic of citizenship, as well as career opportunities. Those who serve and really look at societal needs and opportunities apply that knowledge to everyday needs where they live — and far beyond."

Students coming to the University this year will be the managers in our society in the year 2020, noted Smith. "The question we have to ask is how are we preparing them? The answer to that question has to do with being a land-grant. We take taxpayers money to train people to make the world more equitable and balanced. Taxpayers are making an investment, and the way we fulfill that investment is to provide people to deal with the world's problems.

"Land-grant aspects survive the test of time. A land-grant university is still a source of knowledge, and there's a sense of ethics and a certain understanding in the way we treat people. What has to happen is that the land-grant aspects have to be part of the plan for the future as we come to the end of the millennium," says Smith. ▲

*Editor's Note: "What Does It Mean to be a Land-Grant University?" is the first in a two-part series in Maine Perspective. Next week, the In Focus story will look at what it means to be a Sea Grant institution.*

## UNIVERSITY OF MAINE PORTLAND CENTRE

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Tel. (207) 828-2327 Fax 207-874-9540

University Shoppe: 874-9535  
Center for Community Inclusion: 874-9527

Hours: 9AM - 5PM



**National Cancer Institute** invites applications for research contributing to the assessment of dietary exposure to constituents of plant foods that may affect cancer risk and to the assessment of their biological effects relative to cancer prevention. Letters of intent are due Feb. 20; applications, April 18.

**ArtsLink** promotes exchange of arts professionals between the U.S. and countries of Central and Eastern Europe with two programs. Collaborative Project Grants allow US artists to undertake projects with their colleagues overseas; application deadline is March 18. Residency Grants support US organizations in hosting artists or arts managers from overseas; deadline is June 3.

**National Institute of Justice** and several agencies of the Public Health Service jointly invite applications for investigator-initiated research on the causes, course, treatment, management, and prevention of violence against women and violence within the family, as well as on the health and legal consequences of this violence for victims. Deadline: March 29.

**National Science Foundation's Management of Technological Innovation Program** supports collaboration among researchers and practitioners of the management of technological innovation to motivate new concepts, theories, models, and tools that elucidate the innovation process and provide guidance for integrating technology strategy with business strategy. Deadline: April 1.

**Charles A. and Anne Morrow Lindbergh Foundation** makes grants of up to \$10,580 for innovative pilot projects of research or education that will further the Lindberghs' vision of a critical balance between scientific/technological advances and the preservation of the natural world. Deadline: June 11.

**John & Mary R. Markle Foundation** supports efforts to examine and improve mass communications and to explore the potential of information technology to enhance people's lives. The focus is on uses of the media to inform and facilitate political participation, the developing role of interactive communications technology, and the development of telecommunications policy.

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

#### THE UNIVERSITY OF MAINE - UNIVERSITY OF NEW BRUNSWICK EXCHANGE PROGRAM

We are now in year one of the fourth 3-year exchange program established between the University of Maine and the University of New Brunswick.

Funds are available to support UMaine faculty, professionals, and students in collaborative research, seminars, symposia, and cooperative instruction with their UNB counterparts.

Faculty and professional employees are invited to submit proposals for funding in academic year 1995-96. For an application form, contact Amy Morin, x4220.

For further information and submission of proposals, contact: Stephen Hornsby, Canadian-American Center, University of Maine.

#### MAINE CHAPTER OF THE UNITED NATIONS

The Maine Chapter of the United Nations Association of the USA, organized in 1989 by a group of concerned citizens and now listing more than 100 members throughout the state, would like to strengthen its representation in the academic community and among young people. We would welcome hearing from faculty members, graduate students, and undergraduates who would be interested in participating in planning and organizing such outreach programs as lectures and discussions around the state, and possible Model UNs at high schools and/or colleges; also in brainstorming new ideas for helping to build critical understanding and constructive support for the world organization in Maine. For additional information, contact Charles Weitz, of Portland, at 774-1741, or Jim Brown, of Camden, at 236-8919.

#### UNIVERSITY OF MAINE CHILDREN'S CENTER

University of Maine Children's Center is now accepting preliminary childcare applications from families needing full-time infant, toddler, and/or preschool care. Families applying for non-subsidized childcare must have one parent who is either a University of Maine employee or student at the time childcare services are provided. Program tours arranged upon request.

**Call for your preliminary application today.**

**Telephone: 581-4076**

**Diane Tierney, Admissions Coordinator**

The University of Maine Children's Center provides year-round childcare services to families with children 6 weeks through 6 years old. Each program offers a developmentally appropriate curriculum and environment. Experienced, regular staff members are assisted by the University students in order to insure the provision of safe, nurturing childcare.

## What's Ahead



**VIOLENCE AND ABUSIVE BEHAVIORS IN THE WORKPLACE**

**February 22**

**DIE FLEDERMAUS**

**February 23-24**

Maine Perspective



University of Maine  
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