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Maine Perspective

A PUBLICATION
FOR THE
UNIVERSITY OF
MAINE

VOL. 9, NO. 8
DECEMBER 1, 1997

UNIVERSITY
COLLECTION

SPECIAL COLLECTIONS



More than 600 people, including guests from around the country, attended the Inaugural Convocation of University of Maine President Peter S. Hoff Nov. 21. The President's Inaugural Address is found in a special section in this issue.

Photo by Monty Rand

President Hoff to Preside Over His First UMaine Commencement

Graduating University of Maine students attending the 191st commencement ceremony this month will receive a congratulatory handshake from University of Maine President Peter Hoff, as he presides over his first commencement since taking office.

This year, 513 students have applied for degrees – 370 undergraduates and 143 graduate students, including 28 at the doctoral level. To date, 374 have indicated that they will be attending the Saturday, Dec. 13 ceremony, which begins at 10:30 a.m., Alford Sports Arena.

Steve Coleman is one of the 370 students receiving bachelor's degree this month from the University of Maine. See his story on page 10.

Delivering the December Commencement address will be University of Maine System Chancellor Terrence MacTaggart.

Conferring the undergraduate and master's degrees will be Vice President for Academic Affairs and Provost John Alexander; doctoral degrees will be presented by Vice Provost for Research and Graduate Study Dan Dwyer.

Those participating in the ceremony will assemble in the Field House by 10 a.m.; the procession begins at 10:25 a.m. This year, deans will march in and be seated with students in their respective colleges.

Highlighting the commencement program will be a performance of the *National Anthem* by the Maine Steiners, and music by a School of Performing Arts brass ensemble, directed by Instructor Josh Whitehouse.

The day begins with an 8 a.m., ROTC commissioning exercise in 100 Corbett Business Building. Addressing the commissioning will be alumnus and U.S. Rep. John Baldacci.

A breakfast begins at 9 a.m., in the Field House for graduates, parents, faculty and guests. ▲

In Perspective

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

UMaine's Second Winter Session to Offer 27 Courses

The University of Maine's second Winter Session, Dec. 29-Jan. 9, will be highlighted by 27 courses, including a travel study course to England.

"We have found seniors, in particular, appreciate the opportunity to lighten their spring course-load or to earn credits necessary to graduate on time," says Jim Toner, associate director of the Continuing Education Division. "Many students have let us know that they consider Winter Session a great opportunity to complete prerequisites in a condensed session."

During Winter Session, students spend four to five hours a day, five days a week enrolled in three-credit classes on campus during the two weeks of the break between semesters.

In addition, a 15-day travel study course will take students and Associate Professor of English John Wilson to England in a course on Thomas Hardy's Novels.

Faculty also are offering two distance education courses – one over ITV and another via computer conferencing.

Last year, UMaine's first Winter Session featured 20 courses, including a travel study course to Brazil. Winter Session '96-'97 enrolled 269 students; to date, more than 300 students will take classes this session.

With the introduction of Winter Session last year, UMaine now offers classes year-round. The focus is on enhancing accessibility, recruitment and retention. Faculty have the option to offer existing or new courses.

In past years during semester break, some academic departments have offered short courses, including those that take students for in-depth study at such sites as Baxter State Park and the Florida Everglades. With the establishment of Winter Session, the Continuing Education Division is coordinating the course offerings campuswide, as it does for May Term and Summer Session. ▲

Sockabasin Named Kellogg National Leadership Fellow

The associate director of the University of Maine's Wabanaki Center has won a national fellowship from the W.K. Kellogg Foundation.

Gail Sockabasin will use the three-year, \$42,000 award to examine some of the challenges facing Native American communities in Maine. As part of the fellowship, she hopes to improve her ability to speak the Passamaquoddy language and support efforts to ensure it remains a vital part of tribal culture.

"We're losing the language quickly," she says. "Most tribal members under 40 don't speak Passamaquoddy."

As associate director of the Wabanaki Center, Sockabasin provides support services for Native American students and serves as the liaison between the native communities and UMaine.

She earned her bachelor's degree from UMaine and her master's in public health from Loma Linda University, California. She now is pursuing a doctorate in education from UMaine, focusing on Indian education.

The W.K. Kellogg Foundation Leadership Program has worked since 1980 to help the nation expand its pool of capable leaders. The Michigan-based program encourages individuals to expand their skills and insights into areas outside of their chosen disciplines, allowing them to address society's challenges creatively and effectively.

continued on page 16



For the third time since 1991, a New York man with ties to coastal Maine has given the Hudson Museum a piece from his extensive collection of objects made by native peoples of the Pacific Northwest. The carved cedar mask, made by a Kwakiutl artist, represents the "wild woman of the woods," a mythical figure. The gift from Thomas Daley, right, a

summer resident of Lamoine, will complement the collection of objects from the Northwest Coast of North America donated in 1982 by alumnus William Palmer. Many of the Palmer pieces, and both of Daley's previous donations, appear in the Hudson Museum exhibit, *Cedar and Sea: Peoples of the Northwest Coast*. Stephen Whittington, right, director of the Hudson Museum, says Daley's gift will further visitors' appreciation for the culture of the peoples of the Pacific Northwest. The mask was carved by artist Ferron Smith, also known as Tsingani, in 1987.

Photo by Monty Rand

College of Engineering Awards Its Top Honors

The University of Maine College of Engineering announced awards for outstanding teaching, research and service at its 18th annual Recognition Banquet.

Alvin McNeilly of Owls Head received the Distinguished Engineering Award, the highest honor the College can bestow on one of its graduates. A 1944 graduate with a degree in chemical engineering, he had a 34-year career with Esso Standard Oil Co., now a part of Exxon. McNeilly was noted for the development of new products, including carbon fibers, microcrystalline waxes, and jet fuels, as well as new solvents and lubricants. He retired in 1981 as a vice president of marketing.

The top faculty award, the Ashley S. Campbell Award, went to Charles Gould for his outstanding teaching and advancement of the Construction Technology Program. A registered professional engineer, Gould has over 20 years experience in heavy construction and taught at the New Jersey Institute of Technology before

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Maine Perspective

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UNIVERSITY OF
MAINE

U Maine Calendar

DECEMBER

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

3 Wednesday

Generic Hazard Communication Training Sessions, offered by the Department of Environmental Health and Safety, 9-10 a.m., Dec. 3, 100 Neville Hall. x4055.

"Venezuela," by Georges Kabche, part of the International Awareness Brown Bag Lunch Series, 12:10-1:30 p.m., Dec. 3, Totman Lounge, Union. x2905.

"Making Connections: Feminist Theory and Grassroots Activism in El Salvador," by Marina Ríos, coordinator of the Women Garment Workers Organizing Project, Mérida Anaya Montes Women's Movement, El Salvador, part of Women in the Curriculum Luncheon Series, 12:15 p.m., Dec. 3, Bangor Lounge, Union. x1228.

4 Thursday

"Ascent (and Geology) of Cho Oyu (8,201 m/26,906 ft) - An Account of the Spring International Expedition to Climb the World's 6th Highest Mountain," by David Spencer, a Geological Society Lecture, 5 p.m., Dec. 4, 100 Bryand Global Sciences Center. x2142.

Thursday Night at the Bear's Den with Karaoke, offered by the Union Board, 9 p.m., Dec. 4, Union.

5 Friday

"Life Under the Ice: Shedding Light on Antarctic Seaweeds," by Ian Davison, part of the School of Marine Sciences Seminar Series, 11 a.m., Dec. 5, 220 Libby Hall. x4381.

Performance by the UMaine Jazz Ensemble, part of the Jazz TGIF series, offered by the Union Board, 12:15 p.m., Dec. 5, Damn Yankee. x1734.

"Cerebral Specialization in Processing Intonation Contours: Linguistic Implications for Adults with Neurological Impairments," by Judy Walker, part of the Department of Communication Disorders Fall 1997 Colloquium Series, 12:30-1:30 p.m., Dec. 5, 121 North Stevens Hall.

"The Forgotten Pollinators and Restoration Ecology of Bees," by Steve Buchmann, USDA-ARS Carl Hayden Bee Research Center, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Dec. 5, 102 Murray Hall. x2558.

Reception for Museum of Art's Department of Art Faculty Exhibition, 5-7 p.m., Dec. 5, Carnegie Hall.

Animation Film Series: Tenchi Muyo: The Movie and Lupin III Assassination Order, 6:30 p.m. and 9 p.m., Dec. 5, 100 Corbett Business Building. x1734.

"The Future of Solar Energy in the United States," by Richard Komp, president of Maine Solar Energy Association, offered by the Student Environmental Action Coalition and the UMaine Green Party, 7 p.m., Dec. 5, Bangor Lounge, Union. x2934.

6 Saturday

Photovoltaic Workshop, including demonstrations on solar panel construction and solar box cooking, led by Richard Komp, president of Maine Solar Energy Association, offered by the Student Environmental Action Coalition and the UMaine Green Party, 9 a.m.-4 p.m., Dec. 6, Lown Room, Union. x2934.

Movies: The Usual Suspects and Pulp Fiction - Director's Cut, offered by the Union Board, 8:45 p.m., Dec. 6, 100 Corbett Business Building. x1734.

7 Sunday

Beginner Kayaking Pool Session, offered by Maine Bound, 8 a.m.-noon, Dec. 7. Fee. Registration. x1794.

Women's Basketball: UMaine vs. Stanford, 1 p.m., Dec. 7. Admission fee. xBEAR.

8 Monday

The UMaine Experience Open House, coordinated by Admissions, Dec. 8.

"Ecology and Life History of Larval Amphibians in Temporary Wetlands in Florida," by Kim Babbitt, University of New Hampshire, part of the Department of Wildlife Ecology Fall Seminar Series, noon, Dec. 8, 204 Nutting Hall. x2869.

"Low Maintenance Landscapes," by Nancy Smith, a Landscape Horticulture Senior Seminar, 2 p.m., Dec. 8, Lown Rooms, Union.

"Community Conversation on Human Rights," led by Harry Wu, Chinese dissident, human rights activist and author, offered by Peace Studies, 3-5 p.m., Dec. 8, Sutton Lounge, Union. x2609.

"Troublemaker: One Man's Crusade Against China's Cruelty," by Harry Wu, Chinese dissident, human rights activist and author, offered by Peace Studies, 7:30 p.m., Dec. 8, 100 Corbett Business Building. x2609.

Oratorio Society Concert, directed by Kevin Birch, part of the School of Performing Arts season, 7:30 p.m., Dec. 8, Minsky Hall. Admission fee. x1755.

9 Tuesday

"New Organic Chemistry Synthesis Results," by Brad Mundy, Department of Chemistry, Colby College, a Department of Chemistry seminar, 11 a.m., Dec. 9, 316 Aubert Hall.

10 Wednesday

"Women's Studies and New Electronic Technologies," by Sandra Haggard, Kathleen March, Tina Passman and Carol Toner, part of the Women in the Curriculum Luncheon Series, 12:15 p.m., Dec. 10, Bangor Lounge, Union. x1228.

Open Forum on the Future of the Campus Web, led by Interim Campus Web Coordinators Will Manion and Sharon Fitzgerald, 2 p.m., Dec. 10, Bangor Lounge, Union. x1696.

Faculty Senate Meeting, 3 p.m., Dec. 10, Dexter Lounge. x1167.

11 Thursday

"Seasonal Affective Disorder," by Sandra Sigmon, part of the Employee Assistance Program Brown Bag Luncheon Series, noon, Dec. 11, Bangor Lounge, Union. x4014.

12 Friday

Classes End Dec. 12.

"Bacterial Medication of Carbon Fluxes in the Ocean," by David Smith, Graduate School of Oceanography, University of Rhode Island, part of the School of Marine Sciences Seminar Series, 11 a.m., Dec. 12, 220 Libby Hall. x4381.

Men's and Women's Track: UMaine vs. University of New Hampshire, 3 p.m., Dec. 12. xBEAR.

"Amphibian Declines: A Search for Patterns and Processes Using an Experimental Approach," by Joe Kiesecker, Yale University, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Dec. 12, 102 Murray Hall. x2558.

Yuletide Concert, featuring the University Singers and Oratorio Society, part of the School of Performing Arts season, 7:30 p.m., Dec. 12, Hutchins Concert Hall. Admission fee. x1755.

13 Saturday

Third Annual Maine Indian Basketmakers Sale and Demonstration, featuring Maliseet, Micmac, Passamaquoddy and Penobscot basketmakers and their hand-made ash splint and sweet grass baskets, also including traditional foods, storytelling, music and demonstrations, offered by the Hudson Museum, 10 a.m.-4 p.m., Dec. 13, Maine Center for the Arts. x1901.

Santa will be at the University Bookstore Saturday, Dec. 13, 10 a.m.-4 p.m. Children can get their photo taken with Santa. Gift wrapping will be offered, with proceeds going to charity. The event is offered by the Bookstore and Pi Kappa Alpha.

December Commencement, 10:30 a.m., Dec. 13, Alford Sports Arena.

Men's and Women's Track: UMaine vs. University of New Hampshire, 11 a.m., Dec. 13. xBEAR.

14 Sunday

"Skate with the Bears," featuring members of the Men's Ice Hockey Team, offered by Friends of Maine Hockey, 5 p.m., Dec. 14, Alford Sports Arena. 942-7468.

Crystal Gayle Holiday Show, part of the Maine Center for the Arts performance season, 7 p.m., Dec. 14, Hutchins Concert Hall. Admission fee. x1755.

15 Monday

Final Exams Begin Dec. 15.

19 Friday

Final Exams End Dec. 19.

21 Sunday

Men's Basketball: UMaine vs. Husson College, 1 p.m., Dec. 21. Admission fee. xBEAR.

The University Credit Union will be closing at 1 p.m., Christmas Eve, Dec. 24. The drive-up will reopen Dec. 26, at 8 a.m., lobby at 9 a.m.

30 Tuesday

Men's Basketball: UMaine vs. Fairleigh Dickinson, 7:30 p.m., Dec. 30 Admission fee. xBEAR.

January

2 Friday

Women's Basketball: UMaine vs. Boston University, 7:30 p.m., Jan. 2. Admission fee. xBEAR.

8 Thursday

Men's Basketball: UMaine vs. Towson, 7:30 p.m., Jan. 8. Admission fee. xBEAR.

10 Saturday

Men's Basketball: UMaine vs. Delaware, 1 p.m., Jan. 10. Admission fee. xBEAR.

Bangor Symphony Orchestra Family Casual Concert, 7 p.m., Jan. 10, Hutchins Concert Hall, Maine Center for the Arts. Admission fee. Concert preview by Dave Klocko, 6:15 p.m., Minsky Recital Hall. 942-5555.

Ongoing Events

Entertainment

Christmas at the Page Farm and Home Museum, featuring wreath making with Claire Ackroyd (limited to 20 participants/night; \$5 for Museum members, \$10 for nonmembers; call for reservation), holiday tree decorating and music by Alice Mummé, 7 p.m., Dec. 2-3, Page Museum. x4100.

University of Maine Opera Workshop - Winter, directed by Nancy Ogle, 7:30 p.m., Dec. 5-6, Minsky Hall. Admission fee. x1755.

"Christmas Around the World," a Planetarium show, 7 p.m., Dec. 5, Dec. 12 and Dec. 19, Wingate Hall. Admission fee. x1341.

The Nutcracker, featuring the Bangor Symphony Orchestra and Robinson Ballet, Dec. 6-7, Hutchins Concert Hall, Maine Center for the Arts. Admission fee. 942-5555.

The Cherry Orchard, a Maine Masque production, directed by Christopher Luthin, part of the School of Performing Arts season, 7:30 p.m., Dec. 5-6 and Dec. 12-13; 2 p.m., Dec. 7 and Dec. 14; high school matinee noon, Dec. 11, Hauck Auditorium. Admission fee. x1755.

Exhibits/Demonstrations/Tours

Department of Art Faculty Exhibition, a Museum of Art exhibit, Dec. 5-Jan. 21, Carnegie Hall galleries. x3255.

Maine Wilderness Transformed: Timber, Sporting, and Exploration of the Moosehead Lake Region, a traveling exhibit from the University of Southern Maine Osher Map Library and Smith Center for Cartographic Education, through Dec. 15, Page Farm and Home Museum. x4100.

Student Art League Show, through Feb. 21, Hauck Auditorium lobby. x3245.

Empires Emerging: Collecting the Peruvian Past, a Hudson Museum exhibit, through April 26, Maine Center for the Arts. x1901.

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

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

Page Farm and Home Museum open 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.

Meetings of Groups/Organizations

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

International Folk Dancing, every Sunday, 7-9 p.m., beginners welcome, no partner needed, FFA Room, Union. 827-2324.

Nontraditional Student/Commuter Social Hour, every Tuesday, 11:30 a.m., Commuter Lounge, Union. x1734.

Student Women's Association, 6-7:30 p.m., every Tuesday; 3:30-5 p.m., every Wednesday, Women's Resource Center, Fernald Hall. x1508.

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

Student Alumni Association (students helping student past, present and future) meets every Wednesday, 5:30 p.m., Crossland Alumni Center.

Acoustic Jam, 6 p.m., every Wednesday, Lown Room, Union.

Networking Women at UMaine, noon-1 p.m., every other Friday (Dec. 12), Women's Resource Center, Fernald Hall. x1508.

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

Newman Center: Sunday masses, 10:30 a.m. and 6:15 p.m.; weekday liturgies, 4:45 p.m., with communion service Monday-Tuesday, mass Wednesday-Thursday.

Miscellaneous

Introduction to Mountaineering, offered by Maine Bound, Dec. 6-7, Mount Washington. Fee. Register by Dec. 1. x1794.

Early Season Snow and Ice Climbing, offered by Maine Bound, Dec. 13-14, Mount Washington. Fee. Register by Dec. 8. x1794.

Gallery Glimpses

Art Faculty Show

Representative works from more than a dozen members of the University of Maine Department of Art will be on exhibition at the Museum of Art Dec. 5-Jan. 17.

Two to five works from each artist will be exhibited on both floors of the Museum in Carnegie Hall.

Both the Museum and the Department of Art will celebrate the opening of the annual exhibition with a reception from 5-7 p.m., Friday,



Song Without Words (Maine Landscape) #1, by Michael H. Lewis, turpentine wash on ragboard, 1996, 30 x 24 in.

Dec. 5. At the reception, *Art of the Maine Islands*, edited by Carl Little from Down East books, will be for sale, courtesy of the University Bookstore. Four UMaine Art Department faculty members are represented in the book: Michael Lewis, Nina Jerome, Siri Beckman and James Linehan.

Artists of the Department of Art represented in this year's show are Siri Beckman, David Decker, Leo Gadzekpo, Michael Grillo, Ron Ghiz, Susan Groce, Vincent Hartgen, Nina Jerome, Michael Lewis, James Linehan, Judith Sasso-Mason, Wally Mason, Cristin Millet, Owen Smith and Alan Stubbs.

Hudson Audio Guides

The Hudson Museum has produced an audio guide to its permanent collections. The new 30- to 40-minute tape guides visitors through exhibits of the cultures of the native peoples of the Northwest Coast, the Southwest United States, New Guinea, Panama and Africa, as well as exhibits on the Inuit and Penobscot. Five copies are available for visitors at the Hudson Museum office, on the second floor of the Maine Center for the Arts. The Museum will provide personal tape players. In addition, the Hudson has an audio guide to *Realms of Blood and Jade*, an exhibit of pre-Columbian artifacts in the Palmer Gallery.

Maine Folklife Center

Song Index

You might think that folk music disappeared with the waning of the '60s. This is largely correct, if one is discussing folk music as a mass-market form of entertainment. But folk music is still alive and well in its original form, as music created by and for local people to describe their lives and the happenings that are significant to, or resonate with, those lives. The Maine Folklife Center houses a variety of recordings of this type of folk music – songs that range from the funny to the tragic, from bawdy drinking songs to lullabies, from traditional ballads to satirical rewrites of popular songs. A song index has been recently completed to make it easier to locate a particular song that one might be interested in. The index is alphabetical by song titles, and fills seven three-ring binders. Whether you are looking for *The Jam on Gerry's Rock* or want to hear about the *Moose and the Campus Cop*, or if you want to know how Irish ballads survived in Maine and the Maritime Provinces of Canada, this new index is the place to start.

Third Annual Maine Indian Basketmakers Sale and Demonstration

In what has become a major annual crafts show, some of Maine's finest Native American basketmakers will demonstrate and sell their work on Saturday, Dec. 13, 10 a.m.-3 p.m., at Hudson Museum.

This is the third year the Museum has sponsored the Maine Indian Basketmakers sale, which features the work of Maliseet, Micmac, Passamaquoddy and Penobscot basketmakers. Other crafts, including traditional carvings, porcupine quill jewelry and birchbark items, also will be featured.

Basketmakers use brown ash splints and sweetgrass to make baskets that have achieved national attention – and have become valued as collectors' items. More than 20 basketmakers have been invited.

The Hudson Museum plans a series of activities throughout the day, based on this traditional Native American artform. Presenters will include Eldon Hanning, a Micmac who will demonstrate the process from log to basket, 10 a.m.; David Sanipass, a Micmac storyteller, 11 a.m.; Pam Cunningham, a Penobscot who will demonstrate how to make a bookmark from brown ash and sweetgrass, 2 p.m.; Barry Dana, a Penobscot who will show how to make a bowl from birchbark, 2 p.m.; and Caron Shay, a Penobscot who will make a candy basket from brown ash, 2 p.m.

Again this year, the owners of the Indian Island Cafe, S.C. Francis and Cheryl Francis, will serve traditional foods, including hull corn soup and fry bread, 11 a.m.-1 p.m.

Admission to the sale is free; some events will carry fees.

We Remember

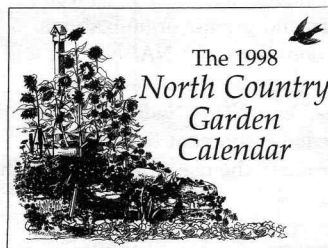
Alumnus Evelyn Trotzky, executive director of the Pine Tree State 4-H Foundation, died Nov. 14. She was 54.

Trotzky received a master's degree in French from UMaine. During the 10 years she served as executive director of the Pine Tree State 4-H Foundation, the endowment doubled.

With an endowment worth over \$2 million, Maine has one of the most successful 4-H foundations in the nation. Trotzky's committed dedication to Maine's youth inspired her to create new funding opportunities for the 4-H program, which will continue long into the future.

She also served as a mentor to other Extension staff as part of the National Extension Institute for Fund Development.

The Pine Tree State 4-H Foundation contributes \$90,000 annually in support of the 4-H program.



University of Maine Cooperative Extension's fifth annual illustrated garden calendar is now available to the public. The 1998 calendar offers tips on growing herbs, maintaining house plants, testing soil and other gardening concerns. Tips and illustrations follow an herb theme with topics such as herbal gifts, native New England herbs and top ten herbs. Line drawing illustrations are by Robin Betterly and Kris Sader, master gardeners from Penobscot County. Single copies are \$5 each and can be ordered from Gale Jameson, UMaine Cooperative Extension, 581-2953.

People in Perspective

Every Friday, the members of UMaine's Business and Finance Division have a dress-down day, which includes each person donating \$1 for charity.

Over the past two years, the Division has raised more than \$1,100, which has been donated to area families in need, including two with children facing mounting medical expenses. This fall, the staff will donate \$600 to area shelters and soup kitchens, including \$100 to Manna toward the purchase of Thanksgiving turkeys.

In addition to their donations as part of dress-down Fridays, the staffs of Business and Finance and Instructional Technologies have annually for the past 15 years adopted an area family, providing food and children's toys for the holidays.

According to Dawn Marie Glidden, who coordinates the donation efforts, the giving is done in the spirit of "trying to do our little part to make the world a better place."

Similar efforts occur across campus, including at the University Credit Union, where for the past five years, the staff has had a dress-down day that includes donating \$1 per person for charity. This year, the money raised by the Credit Union staff was given in support of Camp Kee-To-Kin, dedicated to youngsters with diabetes.

Credit Union staff members also actively participate in the Maine Ending Hunger Campaign, and during the holidays, they sponsor an Orono family in need, raising money through bake sales and bottle drives. President Howard Dunn notes that Credit Union employee contributions to the community have been recognized by the State and National Association of Credit Unions, winning honorable mention in the prestigious Dora Maxwell Award for public service.



Among the members of the Business and Finance Division staff who participate in a weekly dress-down day to benefit those in need are, front row, left to right Dawn Marie Glidden, Corinne Smith, Dotty Dionne; second row, left to right, Jolynn Campbell, Linda Liscomb, Evelyn Petrie, Jamie Lee Brown; third row, Elaine Hayman, Cindy Lilley and Jerrie Shaw.

Other units on campus that actively participate in the season of giving include the College of Engineering, which since 1984 has sponsored an annual holiday party, with proceeds donated to the *Bangor Daily News* Santa's Helpers and the Ronald McDonald House. Through the years, the College has raised \$18,000 for charity. This year's event, open to the University community and dubbed the Holiday/Christmas/Yuletide/ Something for Everyone/We'll Get It Right This Time Party, is Dec. 16. Tickets are \$5, and available by calling 581-2216.

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Environmental Monitoring

UMaine students and faculty who use satellite imagery in their research are getting a boost from the National Aeronautics and Space Administration (NASA). The federal space agency has approved a \$247,868 grant for a center of excellence in remote sensing at UMaine to improve teaching and research in marine sciences, forestry and information technology.

The computer software industry has already contributed \$180,000 in new software to the effort, and UMaine has provided \$35,000 in cost sharing funds, for a total of \$462,868. The NASA grant will pay for new computers and networking hardware to analyze and share data among students and faculty, as well as scientists at government agencies and private organizations.

"Combined with the software donations, the NASA grant will help us improve our research capabilities and attract the best students and research associates," says Steve Sader, professor of forest resources. "It provides needed equipment to support research and teaching, and to promote the use of aerospace technologies in business and government."

The grant complements the more than \$1 million UMaine researchers have received from NASA over the past four years. In addition to land use analysis via remote sensing, the agency has supported UMaine work on electronic sensors, structural engineering for a new space vehicle and analysis of phytoplankton abundance in the Gulf of Maine and the Pacific Ocean.

Sader specializes in the use of satellite and aerial imaging to analyze forest composition and changes in land use. He has worked with government agencies and conservation organizations in Guatemala and Maine to evaluate forest harvest practices.

For example, in a recent project focusing on 29 townships in northwestern Maine, Sader and two students, Sean Murphy and Jeff Jacobs, found that while the number of harvest sites had increased between 1991 and 1993, their average size and total area had declined compared to satellite data collected between 1988 and 1991.

"Our students will benefit from this program and the new equipment it provides. They will graduate with up-to-date skills that help them to compete in the job market," says Sader.

UMaine faculty involved in the new effort include Sader; Andrew Thomas, School of Marine Sciences; Peggy Agouris, Mary Kate Beard-Tisdale, Max Egenhofer and Anthony Stefanidis, all of the Spatial Information Science and Engineering Department; and Alan Kimball, Department of Forest Management. Altogether, they have more than 20 funded remote sensing and geographic information system grants totaling over \$6.3 million from federal, state and private sources. Their work focuses on issues related to forestry, wildlife, fisheries, coastal management and software engineering and development.

"We will also be in a better position to compete for other grant opportunities," says Sader.

Center Stage

School of Performing Arts



Cast of *The Cherry Orchard* include, left to right, Janet Warner Ashley, Andrew Hicks, Julia Tolstrup and Adam Crowley.

Photo by Michael York

Chekhov's *Cherry Orchard*

What matters most? The past and tradition, a cherished way of life and a family's home? Or is it a new generation, a new energy, a passion for change? Anton Chekhov's *The Cherry Orchard* explores that age-old question when the School of Performing Arts opens its production of the Russian classic Friday, Dec. 5 at 7:30 p.m., Hauck Auditorium. *Cherry Orchard* also will be performed Dec. 6, Dec. 12-13 at 7:30 p.m., with 2 p.m., matinees Dec. 7 and Dec. 14.

Chekhov's haunting script pits harsh reality against the poignant beauty of the fragile way

of life enjoyed by Madame Ranevskaya, her family and friends at her estate famed for its beautiful cherry orchard. *The Cherry Orchard*, currently enjoying a successful run on Broadway, can be seen as a lyrical prelude to the sweeping changes which convulsed the Russian nation during this century.

Crucial to the production will be the lavish, turn-of-the-century costumes designed by Elena Bourakovsky. The former head of the large costume department of the Komedya Theatre of St. Petersburg, Russia, Bourakovsky designed and executed costumes for a repertory theatre performing more than 20 plays each year. Invited to UMaine in 1991 as an exchange professor of costume design, Bourakovsky made a decision to remain in this country where she continues to design for both professional and amateur theatres in Maine, California, and Canada.

Janet Warner-Ashley, UMaine instructor in theatre/dance, appears as Ranyevskaya, Lyuboff Andreyevna, owner of the doomed estate. Playing her brother, Gayeff, Leonid Andreyevich, is Claude Giroux, a second-year graduate student in theatre. Lopahin, Yermolay Alexyevich, the former servant, now wealthy merchant, is played by senior Scott Watson.

Cherry Orchard is directed by Christopher Luthin, who holds UMaine undergraduate and graduate degrees in theatre. Currently teaching at Orono High School, Luthin recently directed *The Music Man* for the Bangor Community Theatre. He will teach acting at UMaine this spring.

E.J. Czerwinski, professor at the State University of New York at Stony Brook, has translated the Chekhov script. The set is designed by Wayne Merritt, UMaine associate professor of theatre.

Directory Changes

The U.S. Postal Service has changed the mailing address for University Park. When sending mail to residents of University Park, use the address: Old Town 04468.

Holiday Concerts Mark the Season

Two concerts from the School of Performing Arts mark the beginning of UMaine's holiday season.

The Oratorio Society, comprised of campus and community singers, will include Bach's *Cantata #104* and Daniel Pinkham's *Christmas Cantata* in its program Monday, Dec. 8 at 7:30 p.m., Minsky Recital Hall.

Friday, Dec. 12, 7:30 p.m., Hutchins Concert Hall, the traditional Yuletide Concert will bring together the University Singers, Collegiate Chorale, Athena Consort and the Oratorio Society in a concert featuring works by Holst and Britten. The concert will end with a candlelight procession and traditional carols.

Scenes of Opera

Puccini and Mozart will head the list of composers when voice students take the stage for the School of Performing Arts Opera Workshop Dec. 5-6 at 7:30 p.m., Minsky Recital Hall. The costumed singers will present staged scenes from the world of grand opera and comic opera.

Excerpts from Puccini's *Madame Butterfly* and *Sour Angelica*, Mozart's *The Magic Flute*, Otto Nicolai's *The Merry Wives of Windsor*, and Englebert Humperdinck's *Hansel and Gretel* are among the featured works.

Also showcased during the performances are scenes from Gilbert and Sullivan's *Yeoman of the Guard*, Oscar Strauss' *The Chocolate Soldier*, and Richard Strauss' *Der Rosenkavalier*.

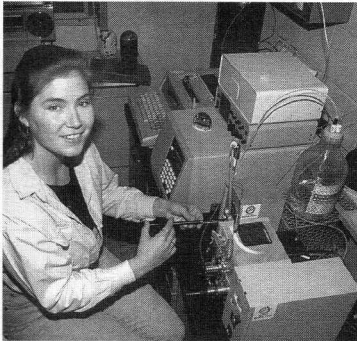


This week when University of Maine chamber music players assemble in Minsky Recital Hall for the School of Performing Arts' Faculty-Student Chamber Concert, there will be four performers playing, not because it's

required for their degree in music, but because they love the artform. When not on stage, these four are pursuing diverse careers in videography, hotel, restaurant and tourism management, and chemical engineering. They are, left to right, violist Robert Burns, a student majoring in hotel, tourism management business at University College in Bangor; cellist Aaron Dries, a chemical engineering major; Rick Winter, a radio and TV producer for UMaine's Public Affairs Department; and cellist Clay Enos, a chemical engineering major and a pianist. The four performers are joined in the Faculty-Student Chamber Concert by nine other students and two faculty members. The Faculty-Student Chamber Concert features familiar composers from the chamber music repertoire: Beethoven, Mozart, Vivaldi, Corelli and Brahms. Shostakovich represents the 20th century. The Dec. 2 concert is under the direction of Professors Diane Roscetti, director of the School of Performing Arts, and Ginger Yang Hwalek.

Graduate Students at the University of Maine

The Association of Graduate Students has announced its fall research and travel grant awards. This semester, 70 graduate students in 24 academic departments received grants up to \$500 each. The grants are earmarked for the purchase of research equipment and supplies, or travel expenses to conduct research or to attend a conference. This semester's \$18,000 grant budget allowed these applicants to receive an average of 74 percent of the amount they requested. Below are featured 10 of the graduate students who received top awards from AGS. Their profiles highlight the outstanding caliber of scholarship and research by UMaine graduate students – cutting-edge science that has implications for the state and the world.



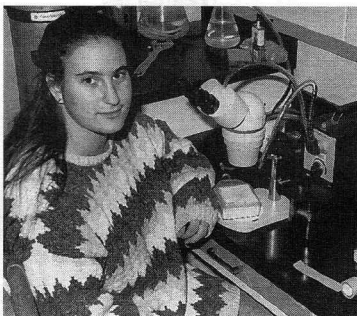
Nikki Adams of Garden Grove, Calif., is pursuing a Ph.D. in zoology. She received a bachelor's degree from the University of California - Santa Barbara, and a master's in zoology from UMaine. Adams is seeking a career in teaching and researching defense mechanisms of marine invertebrates against solar ultraviolet (UV) radiation. Her research, done in collaboration with Professor of Zoology Malcolm Shick, involves many

academic areas, including developmental biology, ecological physiology, biochemistry and cell biology. Adams' academic honors have included a three-year U.S. EPA STAR Fellowship and a Center for Marine Science Fellowship. Her research focuses on how UV affects reproduction and development of marine invertebrates, and on testing these effects with our local green sea urchin in Maine and with corals on the Great Barrier Reef in Australia. The goals of her doctoral studies are to determine the levels of UV penetrating our local oceanic waters, to identify cellular targets of UV-induced damage, and study defenses against UV radiation. Funds received from AGS this fall will allow Adams to charter boats at the Darling Marine Center for use in collecting sea urchins and light measurements which are vital to completing her degree research. Measurements of UV radiation in the Gulf of Maine are important in understanding how increasing levels of harmful UVB radiation due to increased ozone depletion will affect marine organisms. Adams' work could provide a foundation for her career studying UV photobiology and furthering understanding of how UV affects biological processes in the marine environment. Adams was attracted to UMaine by the opportunity to work with Shick in the study of the ecological physiology of marine invertebrates. She notes that she was also drawn in "by the sense of cooperation and community I felt when I visited these departments (Zoology and Oceanography), and the opportunity to broaden my view of biology by switching coastal environments.



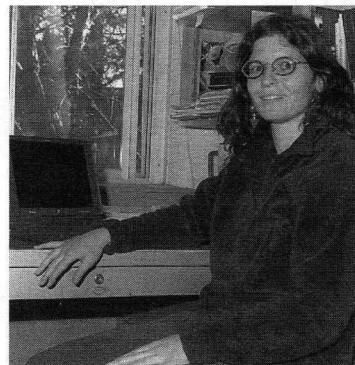
Theresa Grove of Peoria, Ill., is pursuing a master's degree in zoology. She has a bachelor's degree from Washington University in St. Louis where she double-majored in biology and anthropology. Her research at UMaine, in collaboration with Professor and Director of the School of Marine Sciences Bruce Sidell, focuses on fish physiology and biochemistry. Grove's work that has been supported by the AGS grant involves the use of various molec-

ular techniques to study the expression of myoglobin, the oxygen binding protein found in cardiac and oxidative skeletal muscles of most vertebrates. Four fish species found in the Northern Atlantic Ocean – goosfish, wolffish, lumpfish and ocean pout – do not express myoglobin in their tissues, while a fifth species – sea raven – expresses myoglobin in cardiac muscle, but not in oxidative skeletal muscle. Myoglobin cDNA from the different species involved in this study will be sequenced. cDNA, which is made from messenger RNA, provides information pertaining to the region of a specific gene that codes for a specific protein. The amino acid sequence of the protein, in this case myoglobin, can then be deduced from this cDNA sequence. These sequences will be compared to known myoglobin sequences from other organisms and may provide insight into the molecular events that occurred that prevent production of a functional myoglobin protein. This research will conclude the work required for Grove's thesis, and is laying the foundation for future molecular work that would expand the study of myoglobin expression in these fishes to include looking at the myoglobin gene in its entirety. Grove came to Maine to study marine biology. When searching for graduate schools, it was Sidell's research studying the physiology and biochemistry of Antarctic fishes that caught her attention.



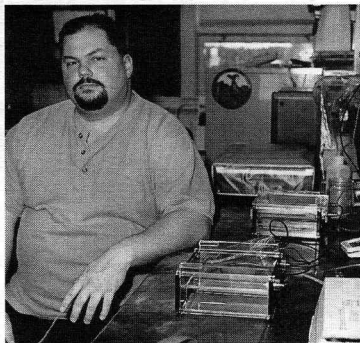
Becky Talyn of Fair Haven, Vt., is pursuing a Ph.D. in zoology. Talyn received a bachelor's degree from the University of California - Santa Barbara. Her research, in collaboration with Associate Professor of Zoology Harold Dowse, focuses on animal behavior, including how animals communicate and why, and their reproductive behavior. Talyn's academic honors include a Sigma Xi grant and a presentation this year at the national meeting

of the Animal Behavior Society. The AGS grant will replace an amplifier used to record the song of the fruitfly. In her graduate work, Talyn is attempting to determine why fruitflies sing, and how this behavior has evolved. In particular, she seeks to determine whether female fruitflies choose a mate by the males' song, which components of the song are used in making such a determination, and what information these song components tell the female about the male. Talyn came to UMaine on the recommendation of a faculty member at the University of California - Santa Barbara.



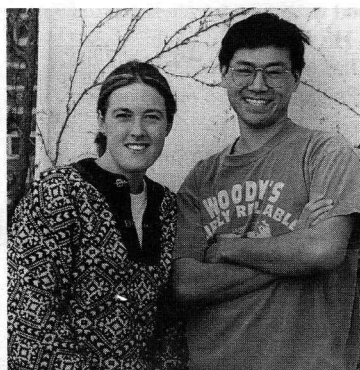
Susan Penza of Westwood, Mass., is one of 10 graduate students in the doctoral Clinical Psychology Program who attended the national conference of the Association for the Advancement of Behavior Therapy (AABT), Nov. 13-16, in Miami Beach, with group travel funding from AGS. Penza received a bachelor's degree in biology from Colby College and is pursuing a Ph.D. in developmental/clinical psychology. Her research, in collaboration with

Assistant Professor of Psychology Janice Zeman, focuses on children's emotional development and emotion regulation. This year, Penza co-authored an article and co-presented two papers on subjects in her area of research. At the AABT convention, the psychology graduate students presented nine papers, and attended workshops and symposia presented by leaders in the field of clinical psychology. Penza notes that she came to UMaine for the dual doctoral program in developmental/clinical psychology, the opportunity to teach several courses, and the outdoor activities.



Lawrence Alice of Arlington Heights, Ill., is pursuing a Ph.D. in plant sciences. Alice received bachelor's and master's degrees in botany at Southern Illinois University at Carbondale. He was a Peace Corps volunteer in Niger, West Africa, from 1990-92, where he worked as a botanist for a large nature reserve before entering the graduate program at UMaine. In the Department of Biological Sciences, Alice collaborates with Professor of Plant

Systematics Christopher Campbell. Alice's research interests include the evolutionary relationships of the plant genus *Rubus*, which includes blackberries and raspberries, and the Rose family. He works primarily with DNA analysis. *Rubus* exhibits a variety of external forms and is problematic with regard to classification and identification due in part to hybridization. Alice has identified possible hybrid plants between the European blackberry and the red raspberry on morphological grounds and has confirmed this in seven plants using DNA data. Rigorous characterization at the molecular level can provide valuable insight into the complex patterns of external forms observed in the genus *Rubus*. Funding from AGS allowed Alice to fully characterize the hybrid plants and complete this study. Preliminary data from the research proposed in the AGS grant was the basis for a presentation by Alice this year at the American Institute of Biological Sciences annual meeting in Montreal. Among the reasons for coming to UMaine, Alice cites the small University community, the good reputation of the botany program, the cold climate and the University's geographic location with close proximity to a wide diversity of natural areas.



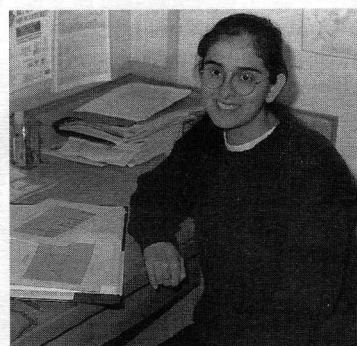
Jennifer Loose of Norwich, Conn., and Jeffrey Jaros-Su of Amherst, Mass., received travel grant monies from AGS to support their attendance at the national meeting of the Entomological Society of America this month in Nashville. Funding also came from the General Alumni Associate travel support program. Loose received a bachelor's degree in biology from the University of Connecticut and is pursuing a master's degree in entomology. Jaros-Su received a

bachelor's degree in zoology from the University of Massachusetts and is pursuing a Ph.D. in ecology and environmental sciences. Loose's research, which focuses on entomology, biodiversity and bees, is done in collaboration with Associate Professor Frank Drummond, Assistant Professor Stephen Woods, and Assistant Scientist Connie Stubbs, all in applied ecology and environmental sciences. Jaros-Su, whose research interests are in conservation biology and insect ecology, works collaboratively with Woods and Libra Professor of Conservation Biology Malcolm Hunter. Among their top academic honors, Loose has received a State of Connecticut Department of Environmental Protection Research Grant to study a population of endangered dragonfly (*Williamsonia lintneri*), and Jaros-Su is the recipient of a Mark W. Houseweart Memorial Award. At the Entomological Society of America conference, Loose will be presenting a poster on part of her current research: "The Impact of Herbicides on Beneficial Hymenoptera Diversity and Abundance in Maine Lowbush Blueberry and Massachusetts Cranberry Bogs." Loose is examining how floral diversity and abundance, which are closely tied to the amount of herbicides a grower may use, affect populations of beneficial Hymenoptera (bees, parasitic wasps, etc.). Also at the national conference, Jaros-Su will be presenting a paper that presents data from his dissertation research. "The Relationship Between Insect Diversity, Plant Species Diversity and Structural Diversity in Forest Ecosystems." His research shows that forest stands with higher plant species diversity and higher structural diversity also harbor a more diverse insect community, which has implications for the management of Maine's forests. Jaros-Su came to UMaine for the opportunity to work with both Woods and Hunter, and to work in the forests of Maine. Loose came to the University for the opportunity to explore applied entomology research.



Wayne Moore of Northport and Laurie LaViolette of Lamoine Beach are in UMaine's Master of Social Work Program. Moore received a bachelor's degree in merchandising and consumer resources, and a master's degree in human development from UMaine with the thesis: "An Assessment of the Housing and Financial Situations of Persons Living with HIV/AIDS in Northern, Eastern and Central Maine." LaViolette received bachelor's degrees in psychology and social work from Rhode Island College, and works full-time as a licensed social worker with The Acadia Hospital's Chemical

Dependency Services. Moore's area of interest is medical social work. He plans to get his clinical license and work as a counselor with a specialty in issues of sexual orientation and issues related to HIV and AIDS. LaViolette's career focus includes continued research in the profession of social work, dual diagnosis treatment, program development and specialized treatment for women. At UMaine, they collaborate in their research with Associate Professor of Social Work Elizabeth Depoy. Moore and LaViolette are studying the use of empirical methods for practice evaluation and assessment, treatment and outcomes by social workers in private practice. Only one other study of this type has been conducted (in Utah). This study is more refined and specific for Maine and the nature of the social work profession today. The AGS grant defrayed expenses incurred in preparing and mailing more than 240 questionnaires, and enhanced the professional quality of the survey. Moore noted that he came to UMaine because of its proximity to his hometown, the quality education it offered and its reasonable tuition. For LaViolette, the University offered the best option to further her career in social work and dual diagnosis treatment because of the institution's mission, values and reputation.



Carolina Garrido of Santiago, Chile, is pursuing a master's degree in marine bioresources. Garrido received a bachelor's degree in biological sciences from the Universidad Católica in Santiago. Her academic honors have included the publication of a co-authored paper in the abstracts of the 37th annual meeting of the Chilean Society of Biology. Garrido's research, in collaboration with Associate Professor of Marine Sciences Bruce Barber,

focuses on reproduction in marine invertebrates, particularly those of commercial importance like sea urchins and mollusks. Her thesis research is on the effects of temperature and food ration on gametogenesis of the green sea urchin, and ultrastructure of nutritive phagocytes and gametes. Earlier AGS funding supported some of the costs of Garrido's thesis research. This fall's grant will be used to help cover travel expenses to present the results of her thesis research at the World Aquaculture Meeting in Las Vegas this February. Garrido joined the University community when her husband, Patricio Moreno, came to UMaine to begin Ph.D. work in plant biology. She says they discovered that UMaine "was a good place for both of us because I could continue working in the area of reproduction of marine invertebrates under the advice of very good professors like Bruce Barber, Kevin Eckelbarger and Robert Vadas."

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On a Level Playing Field There Are No Bounds

Two decades after he graduated from high school, Steve Coleman will receive his bachelor's degree from the University of Maine at December Commencement.

"It will be an emotional day," he predicts. "It will mean a tremendous amount. I will be nearer my goal of getting into the workforce. It will be a wonderful feeling because I have worked so hard to get a degree.

"My wife, Ellen, and my friends will be there. There will be family members, faculty, and so many people who have been so supportive. A big part of my success has to do with the support I received."

Coleman began taking classes part time at UMaine six years ago. In deciding on an academic major, Coleman combined his life-long love of athletics, his passion for karate and his interest in teaching. He may be the first student with severe visual impairments to pursue a teaching degree in physical education at the University.

Coleman has been blind since 19 from a rare genetic disease that causes degeneration of the optic nerve. When he began his college career in 1991, he did so with the encouragement and moral support of his new wife and long-time high school friend, Ellen. Accommodations such as textbooks on tape and oral exams made classes accessible and educational opportunities possible.

But while a blend of personal and academic support has aided Coleman, those who know him well acknowledge that his aspirations have been realized as a result of his work ethic and determination, self-confidence and sense of humor. He is as inspirational to faculty and students as Coleman says they are to him.

Coleman was once told that no school superintendent in the state would hire a blind physical education teacher because of the potential liability, and that he should therefore consider another major. His advocates argue that limits should be placed on no one.

Coleman is proof positive that, on a level playing field, there are no bounds.

"As a teacher, my philosophy is to have all students feel good about themselves," he says. "In my physical education class, I want all students to have success. There is no one last to be picked (for a team). Not everyone can be an athlete. But if I can have some impact on students' appreciation of physical education, they will look forward to coming to class, realize the importance of fitness and will remain active throughout

life. I would love to be the teacher who affects people's lives that way.

"From me, they also will see that, if they work hard, they can achieve their dreams. And when things are not going well, they need to dwell not on the negative but on the positive. I wouldn't be doing the things I'm doing today if I only thought of the negative."

Coleman, a quarterback for Bangor High School, graduated in 1977. His immediate goal was to earn enough money to buy an airplane ticket to Arizona to visit a friend. He bought the ticket, but never made the trip.

Increasingly, Coleman was having difficulty reading books at the auto parts store where he worked. During pick-up games of basketball in the UMaine Field House, Coleman realized he was having trouble seeing the clock on the far wall, and even the basketball rim above his head.

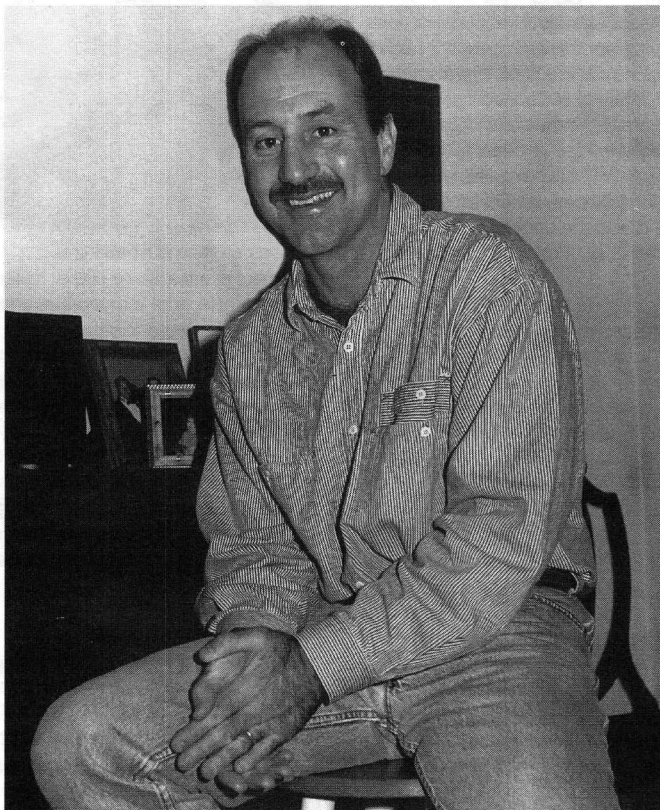
Initially doctors thought the symptoms were indicators of multiple sclerosis. It was in Boston's Children's Hospital that Coleman was ultimately diagnosed with a rare genetic condition called Leber's Optic Neuropathy. He was 19.

"The symptoms were gradual, but by the time I was hospitalized, I had lost a lot of my central vision," says Coleman. Gone were the days he could drive or read a book. However, Coleman has maintained enough peripheral vision to walk unassisted.

"Through the years, I realized that I did not have my eyesight

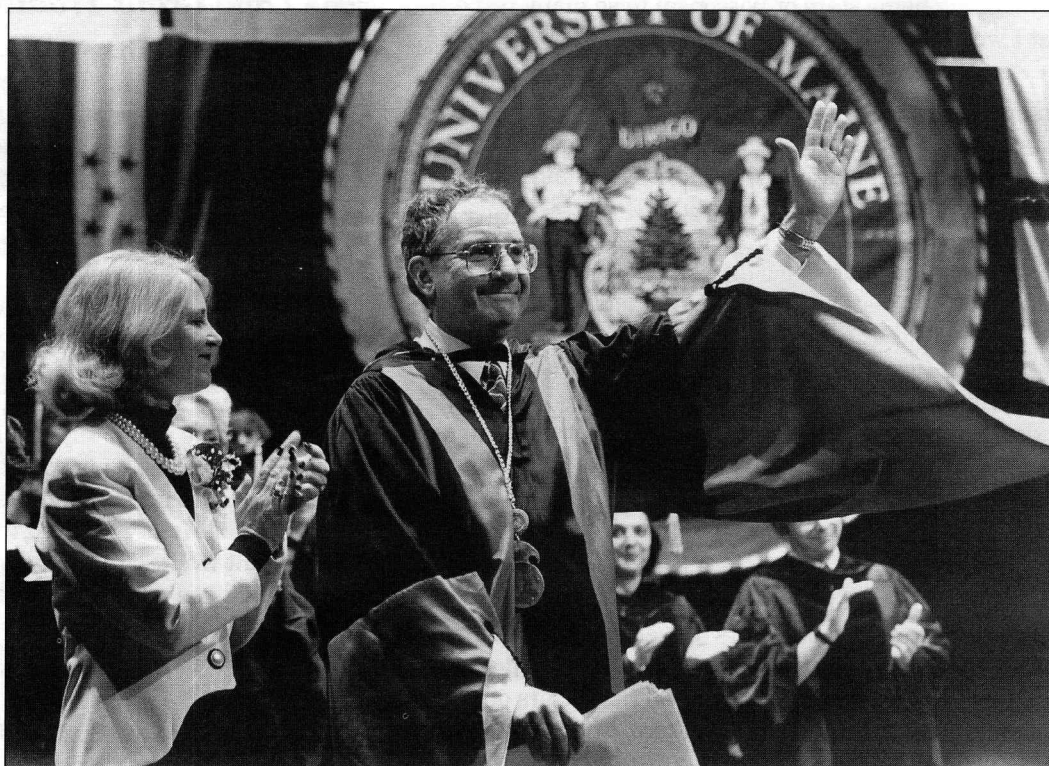
anymore but I was not devastated. I had a lot of good friends. I was busy living for each day and didn't get caught up in getting down. It was harder on my parents than it was on me.

"I love to laugh and I love a sense of humor in other people. One of the best parts of life is being out having fun and sharing a laugh. I love to tell stories. When I have mishaps, things that happen to me out in public because of my blindness, I think of how funny it must look to others, rather than how embarrassing it is. It's not all kicks and giggles losing your eyesight, and there are times things can get very frustrating. If I could, I'd get my eyesight back in a second. But these are the cards that I've been dealt in life, this is how I am, and I can't spend energy each day wishing it were different. Instead I concentrate on the things I can do."



Steve Coleman

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Back to the Future

The University of Maine and Its Land Grant/Sea Grant Tradition

Inaugural Address
November 21, 1997

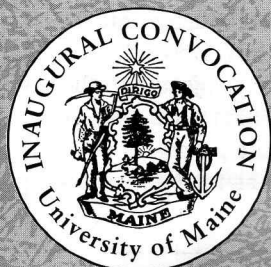
Peter S. Hoff
President, University of Maine

I am deeply humbled and genuinely honored to stand before you as the seventeenth president of the University of Maine. To lead such a wonderful university at this time in its history is the most demanding and the most welcome challenge of my professional life. It could never have been possible without the love and support of family members, some of whom traveled long distances to be here today. Nor could I think of undertaking the work without the partnership of my wife, Dianne, who is already well known to many of you and who has already become an important part of the Maine community.

It was especially important to me that we have a happy and successful inaugural convocation. Faculty members came to me this Summer asking if we could have an annual academic convocation, and I was happy to support such an idea. I hope that we will be able to sponsor a convocation every year with a distinguished speaker and an array of academic activities befitting our fine university. But if I have anything to say about it, this is the last presidential inauguration we will have for a long, long time. So please enjoy it.

Of all the opportunities available to me during the past year, the presidency of the University of Maine stood out as by far the most attractive and the most appropriate. Maine is

continued



very like my home state of Wisconsin in so many respects that I was instantly drawn by its geography, its culture, and its people.

Both states have taken avant-garde approaches to self governance, as evidenced by the Progressive movement in Wisconsin and the self-reliant populism of Maine. The national leadership of statesmen like Margaret Chase Smith, Ed Muskie, Robert LaFollette, and Bill Proxmire have shown our nation how integrity and independent thinking can transcend politics. Maine's Latin motto, "Dirigo," is echoed in English by Wisconsin's "Forward." Both states seek to achieve high intellectual and social aspirations in spite of modest economic bases. Both blend modern metropolitan areas with broad expanses of forests and farmlands.

As a teenager growing up in Wisconsin and looking forward to college, I faced the same dilemma that many of our Maine high school students face. I was admitted to two prestigious out-of-state universities: Cornell and Stanford, as well as to my state university. My parents, though they were not wealthy, told me they would support whatever choice I made. I weighed all the factors of academic quality, campus life, and cost. And even though it was not considered "cool" by my peer group to attend the state school, it was an easy choice for me. I have never regretted my choice to attend my home state university, and I want to talk today about why many of today's high school students in Maine should think about making a similar choice. Making the case today will be a complex process, involving a century and a half of history. So I ask your indulgence while I take the long way around to explain.

The Land Grant Tradition

The institution I chose in 1962 was, like the one I chose in 1997, a Land Grant and (later) a Sea Grant University. That is a fact of enormous significance. We often speak of the University of Maine's unique status as the only Land Grant/Sea Grant university in the state. But the phrase has lost its meaning in the wider community. It has become like a moniker – an empty cliché that once meant something real and important – but which now seems to convey nothing but the idea of a university sitting on a large piece of real estate by the side of a large body of water. The phrase "Land Grant" should immediately tell people who we are, what we do, why it is important, and why we deserve public support because of what we mean to the state. But I am afraid people have lost track of all that. In order to understand the full significance of the University of Maine, we need to revisit its roots in the Land Grant tradition. And in order to envision clearly the future of this university, it will also prove valuable to understand its beginnings.

Although we usually credit Vermont Congressman Justin Morrill for initiating the Land Grant movement, the idea first percolated in the 1850's when Jonathan Turner of Illinois encouraged his state legislature to establish a college focusing on agriculture and the mechanic arts. Turner believed, like most educated people in his time, in studying the classics. But he also saw the importance of creating a college to address fundamental social problems such as feeding the population and helping launch an industrial revolution

The idea of providing socially relevant college education to the working classes brought egalitarianism to the realm of higher education, where it had never existed before. In earlier centuries, the Protestant Reformation had democratized Christianity. The Enlightenment had spurred and diffused scientific thinking. The American revolution had asserted the equality of individual people and established self-government.

Inspired by Thomas Jefferson's recognition that democracy could not thrive without universal education, Horace Mann had moved in the 1840's to promote that dream at the elementary and secondary level.

Taking the suggestion of the Illinois legislature that all states should be provided with a parcel of Federal land as a nest egg for a public university, Vermont congressman Justin Morrill became a forceful advocate, introducing into Congress a bill in 1857. It faced many obstacles. Some objected to the very populism on which it was based. Some argued that the proposed 30,000 acre grant was too large, some

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that it was too small. Easterners wanted chunks of Western land, since they had none of their own. Westerners did not want to share. Southerners, arguing for states' rights, and finding themselves on the brink of secession, argued that the bill was unconstitutional. That was exactly what President Buchanan suggested when he vetoed an early version of the Morrill Act.

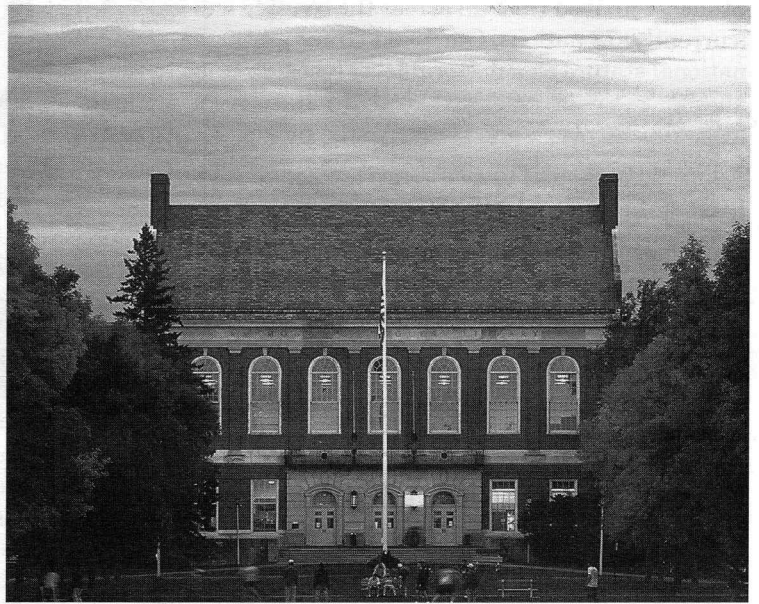
It was no coincidence that the bill eventually passed in 1862, when Southern opposition had disappeared through secession, and that the President who signed it was, like Jonathan Turner, from Illinois: Abraham Lincoln.

Maine was well represented at the time. Hannibal Hamlin was Vice President, and therefore president of the Senate. Our senators were from Portland and Augusta and our representatives from Rockland, South Berwick, Calais, Auburn, Foxcroft, and Readfield. In other words, a statewide effort helped create our university. It was expected to make a statewide impact; it did so and continues to do so; and today a statewide effort is required to sustain it.

Consider the extraordinary vision of the lawmakers who passed the First Morrill Act. In the darkest hours of a Civil War that threatened the country's very existence and that eventually claimed the lives of more than 600,000 men, most of them at or close to college age themselves, Congress passed what turned out to be the most momentous act in the history of higher education. In doing so, they taught us to be relentlessly optimistic, that current challenges, however enormous, can be overcome, and that our best times lie ahead — if we plan and work for them.

The legislators passing the Morrill Act embraced democracy, utility, and commitment to intellectual discovery in their vision of higher education, what the Wisconsin Regents would come to call "that fearless and continual sifting and winnowing through which alone the truth may be known."

They also taught us to act in good faith, and to set aside differences to achieve the common good. In the difficult times our university has faced during the past decade, many have been tempted to hunker down and protect narrow departmental interests. Now more than ever we need to emerge from our bunkers and silos and work together in the interest of the entire university — which in turn works for the good of the entire state. We need to continue following the example of the bold congressmen who set aside regional differences to create the Land Grant universities. We would even do well to follow the example of Maine's most famous scholar/soldier/governor/university president, Joshua Chamberlain, the hero of Gettysburg, who was also present at Appomattox to salute the brave soldiers who had earlier fired shots his way.



Maine's Land Grant Institution

Our university, first called the State College of Agriculture and Mechanic Arts, was founded in 1865 as a result of the Morrill Act. It opened its doors in 1868 with two professors and twelve students. In a few short years the college had grown enormously, adding women students and expanding the curriculum.

In 1887, the Hatch Act gave Land Grant universities another boost, providing funds to establish agricultural experiment stations. This was part of the movement that made our universities centers of research and discovery. Although the Land Grant Colleges were expected from the beginning to teach the application of science to agriculture, the mechanic arts, and other occupations, it soon became apparent that the scientific principles underlying such application were not well understood. Consequently the faculty (themselves largely educated in the classics, not the sciences) had to resort to experimentation and research to identify these principles.

In 1897 we adopted our present name, the University of Maine, consistent with the steadily expanding mission of the Land Grant university. That makes this year, 1997, our 100th anniversary as the University of Maine. And it makes it all the more appropriate that we take steps now to move our university into a new century, without waiting for the millennium.

The robust history of change and growth in this university during the twentieth century could become the subject of yet another convocation. It includes the establishment of Cooperative Extension, teacher education, a host of new academic disciplines, a generation of nontraditional GI Bill students who transformed the classroom forever, and skyrocketing graduate enrollments. Federal funding for science rose sharply to support the successful conclusion of two world wars and wage a long Cold War.

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Students arrived from all across the country and (currently) 73 nations. Our Land Grant university grew to national stature as a doctoral-level research university, and became what we proudly call the state's center of learning, discovery, and service to the public.

The meaning and relevance of that concise slogan needs to be more fully understood and appreciated. Packed into that short phrase is a world of meaning, opportunity, and significance to the State of Maine. In those eleven words – the state's center of learning, discovery, and service to the public – lie the aspirations and dreams of our citizens and our state. In America today, largely because of what the Land Grant/Sea Grant universities have brought to their respective states, no state can achieve true greatness, prosperity, and quality of life without a great university. No Land Grant university can hope to be great without a close and abiding relationship with the people and government of the state.

Returning to Our Roots

In his 1993 inaugural address, President Fred Hutchinson stated, "My purpose today is to share my vision of where we should go for the remainder of this century. I will leave it to others to worry about the next century." He knew that conditions would change; and they



have. Along with them has changed the list of needs that society brings to the university. The Cold War has ended, transforming our national priorities from confrontation and military defense to the pursuit of economic and social prosperity. The focal point has shifted from a national one to one that is simultaneously local and global. The state's economy has turned for the better, and we seek to improve it more by learning to function in a worldwide economy. That very point is illustrated by Governor King's absence today. He could not be with us because he is in South America on a trade mission. On top of those changes, the composition of the nation is becoming vastly more diverse, even in Maine, where Portland for example is now home to speakers of about 50 different languages. The digital electronic information age is transforming everything that we do. We have become a knowledge-based society and ours is a knowledge-based economy. It is therefore vital that we transform and reposition the University of Maine to serve the needs of those who will live out their lives in a society where musclepower has given way to brainpower.

From its inception, the Land Grant university was unique and powerful for two reasons: access and engagement. It made possible for the first time higher education for all who could benefit, without regard to wealth and status. And for the first time, universities were created with an express mission of discovering new knowledge that could be turned to the betterment of society, as well as the responsibility for transmitting that benefit through applied research, technology transfer, and direct service.

As we envision how to position the University of Maine for the coming years, we need to look no further than the Land Grant roots and tradition of the university. By being true to our roots, we can reorient the university to make it the university of the future. How can this apparent paradox be true? Very simple: access and engagement – the very things that made us what we are – are the keys to a vital future. Our challenge is to redefine access and engagement in ways that address the current and future needs of Maine.

Access means making sure that the educational needs of Maine's citizens are met. As a state, we have made progress in raising the educational and professional aspirations of our young people. Where just a decade ago, only 37% of our high school graduates went on to college or university, today the number is 46%. But some questions remain about where Mainers are getting their college education. While only a decade ago 60% of those high school graduates who went on to college did so in Maine, now fewer than half go to college in their home state. In spite of the fact that the University of Maine offers an array of academic programs as good and as extensive as any in New England, our entering class this Fall represented only about 14% of the total Maine high school graduates who went on to college. Those numbers tell me that we are not providing access in a way that works to the state's advantage.

continued

Quality and Opportunity

We need to make sure people know the resource that exists for them here in Orono. We have over 84,000 living alumni: loyal, partisan, enthusiastic graduates who tell me every chance they get about the wonderful education UMaine provided them. But that knowledge and that enthusiasm has not spread to all the high schools. Our high school students need to learn about the world of opportunity and educational benefits that awaits them here. They need to learn, for example:

▼ That the seniors in our business school consistently finish in the top 20% in the country in independent nationwide testing. In the international component of those tests, our students placed in the top 5% nationally.

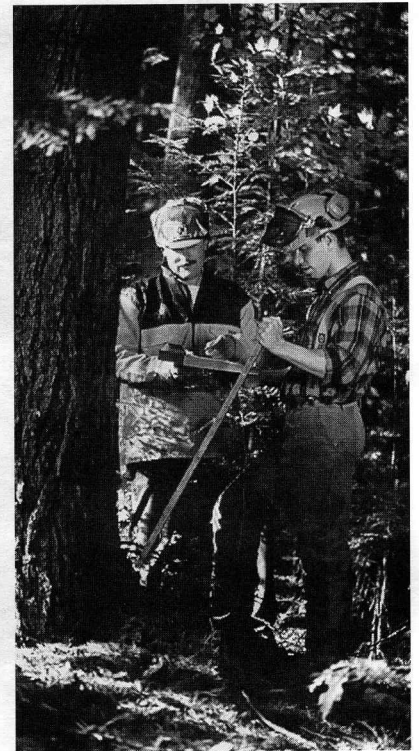
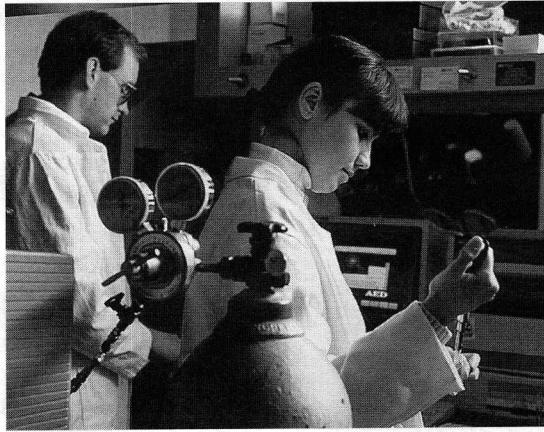
▼ That our college of engineering students have a 95% pass rate on the nationally standardized exam they take upon completing their studies. That 95% compares to a 72% pass rate nationally.

▼ That our Forestry program ranks among the top five in the nation, ahead of Yale, Berkeley, and Penn State.

▼ That our liberal arts and professional graduates hold positions of leadership in engineering and high tech firms, banks, paper companies, telecommunications, public utilities. They serve in congress and the legislature, teach and administrate the schools, and run the hospitals, city governments, and major state agencies.

In other words, UMaine educates leaders. We do it by offering academic programs second to none, in a comprehensive array of academic fields. Whatever you are seeking to learn, you can find it at UMaine, and you can be sure that it will be top-quality.

Too many young people in Maine seem to believe that it is necessary to go out of state to get this kind of high quality education. On an individual case by case basis, I can understand the reasons a high school graduate might have for seeking a collegiate experience away from Maine. But on a collective basis, this hurts our state in serious ways. Every time students go away to college and remain away for the rest of their lives, the state loses more of its most valuable resource: its best and brightest people.



Maine loses their ideas, their industriousness, their energy, their contributions to their communities, their earnings and spendings, and their tax dollars. The collective weight of losing thousands of bright young citizens each year is one of the chief drags on the state's economy and its quality of life.

I realize that educating our young citizens in-state, taken in isolation, is not the answer. There must be jobs and opportunities waiting for them when they graduate. Maine's economy and society must be a magnet to hold them here as well. Fortunately, that is where the other half of the university's mission comes into play. We are also responsible for promoting the social and economic well being of the state through our research and our outreach. This engagement with society is the other half of the unique Land Grant mission. The state expects us to help by using research to discover new knowledge in the humanities, social sciences, sciences, professions, and technology. The state expects us to find ways to transfer that new knowledge for the good of society and the good of the economy. And the state expects us to help our society grow and prosper.

This university has a 132-year-old track record of meeting those expectations. Across the state, the proof of our success is evident.

Just ask Maine's farmers. UMaine researchers discovered ways to sustain the freshness of potatoes and blueberries, as well as to cultivate broccoli and barley as major crops.

continued



Ask Maine's food processors. UMaine researchers discovered new ways to grow and process fruits, shellfish, and other products for worldwide markets.

Ask Maine's marine-related industries. UMaine researchers saved millions of dollars by developing a sea lice-protection program to save the state's salmon industry, and they knocked out a deadly virus that threatened the lobster industry.

Ask our local, county, and state policymakers. UMaine researchers serve as consultants on subjects ranging from educational reform, to wildlife management, to intergovernmental relations, to bridge construction, to economic forecasting.

Ask the state's school superintendents. UMaine's College of Education professors have joined ranks with K-12 officials to establish the new standards for learning results that are transforming student performance on national and even internationally standardized tests.

Ask the state's manufacturing firms that use the engineering, computer software, and other techniques, technologies, and innovations developed by our researchers to create new products, new businesses, and new jobs.

Ask federal agencies. UMaine researchers attracted more than \$26 million in grants last year alone to improve the lives of citizens through research and economic stimulation.

Whether it's developing ethical standards for Maine elections, intervention programs to reduce juvenile delinquency, or alternative treatments to help people overcome seasonal affect disorder, University of Maine researchers have taken on some of the state's most pressing needs, and succeeded.

Access to Excellence

Good as that record is, we need to do more. While the rest of the country is enjoying rapid economic growth and prosperity, Maine is moving in a positive direction, but more slowly. If we are to achieve the same sort of rebound that the country as a whole is enjoying, Maine needs new and expanded business, manufacturing, agriculture, technology, and marine industry; plus the new jobs that accompany such growth. UMaine's technology transfer efforts in marine sciences, agriculture, biotechnology, and small business assistance have demonstrated our ability to help create jobs. But we need to redouble our efforts. And the state needs to redouble its investment in that kind of growth formula.

I hope you see by now the basic logic of my argument. The Morrill Act was perhaps the greatest single event in the history of higher education because it extended access to all segments of society and because it provided for a university to function as an engine of economic growth, social progress, and quality of life. The University of Maine needs to turn and face the future not by abandoning that marvelous heritage but by embracing it in new ways that address today's pressing challenges.

We need to provide access by attracting the best and brightest students from all over to study here in Maine. We need to make sure they stay by helping the state develop a robust economy and overall quality of life that is irresistible. What will it take for us to achieve those things?

The university must emphasize not access for access's sake, but access to excellence. That means making sure we have the right academic programs, that they address the true needs of our students, that they provide for effective and timely progress to degrees, and that they reach the highest levels of excellence. To that end I am calling on our provost to lead the faculty in reviewing academic programming on campus, answering the following questions:

▼ Do we have the right programs for a flagship campus in Maine about to enter the 21st century? Do they meet the needs of our students?

▼ Are all academic majors up to date and streamlined so as to offer the best courses for their objectives and to be operating without unnecessary and duplicative requirements that simply increase costs and get in the way of student progress?

continued

▼ Are all programs student-oriented in their outlook and in their operation? Do they focus on what students need to learn rather than on what we prefer to teach?

I am likewise calling on to our Vice Provost for Undergraduate Study to lead our faculty in reviewing our general education program with the same questions, and to help ensure that our faculty has the best technology and support in using the best approaches to teaching and learning. I want him to help develop a four-year pledge to our students: to guarantee that a student who wishes to graduate in four years, and who takes responsibility for choosing and completing the right courses, can be sure of graduating on time, or get the fifth year free.

I am calling on our Vice President for Student Affairs to lead a completely fresh look at the campus living-learning atmosphere. The experience of living as a student on our campus should be as pleasant, productive, and affordable as any in the world. Students from all backgrounds should feel welcome and fully included on our campus, and should feel that a full range of activities and opportunities exist that appeal to their interests and concerns.

I will personally lead an effort to ensure that we do everything possible to promote a diverse and harmonious learning community. Women and persons of difference must feel that the campus embraces and welcomes everyone, regardless of background. In our recruitment of students, staff, and faculty, we will never select a less qualified person to the exclusion of one better qualified, but we will go to extraordinary measures to attract a more diverse community, embrace their differences, and offer mentoring and support for persons with different backgrounds.

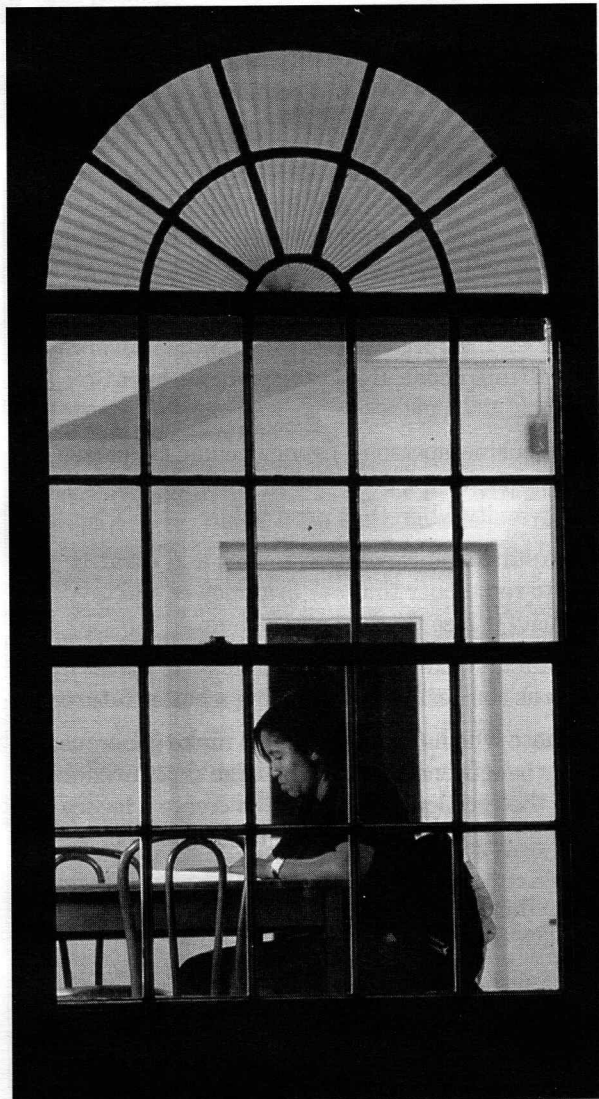
I am calling on our deans to redouble our efforts to reach out and serve the entire state. Access to excellence must be statewide. Our university system was established to avoid the costly duplication that comes when multiple campuses establish expensive programs such as engineering and doctoral programs. In order to help our trustees resist pressure to establish duplicative and expensive programs, the University of Maine must reach out and provide those programs in accessible and cost-effective ways, in person and electronically, wherever they are needed.

I am calling on our Development Office to join with academic deans in a partnership for access to excellence. We will continue to press for maximum state support for all of our academic efforts. It is the best investment the state can make in its future economy and quality of life. But we recognize that the extra edge of excellence can only come through the generous gifts and bequests of the university's friends. We must begin working not just for more endowed professorships, but for entire endowed schools and colleges. I am pledging my energies to an effort to fund a enormous leap forward in our levels of academic excellence.

Along with excellent academic programs, we need appropriate space for them to operate. I am not as eager to erect new buildings as I am to make existing space fit for the twenty-first century. Therefore we are planning to launch a public-private partnership to sustain and enhance the beauty and functionality of this lovely campus. We will seek support to renovate our glorious and historic buildings, make them fully accessible to all persons, provide them with state-of-the art classrooms, study space, offices, and laboratories. And while we are at it, we will seek endowments to keep them that way.

Just as we update our definition of access to excellence, we must do the same with our commitment to engagement. Cutting edge research is the most distinctive thing we do at UMaine, and essential to the well being of the state. It is important that we conduct research across all academic disciplines, for each contributes in its own way to our store of knowledge, and each contributes in its own way to making Maine a better place in which to live and work. Still we must focus and prioritize our research mission, making sure that we appropriately emphasize those things most important to the state's needs.

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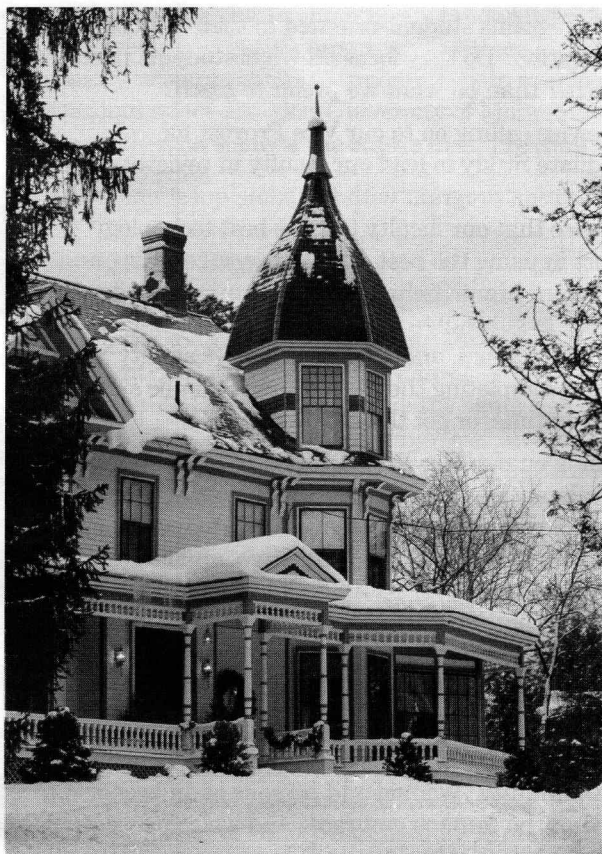


To that end I am calling on our Vice Provost for Research and Graduate Study to present an updated plan for research and technology transfer. This plan should acknowledge and provide for the importance of research across the entire university while simultaneously focusing our efforts on several important objectives: stimulating the economy; promoting the well being of existing business, industry, agriculture, and aquaculture; managing and protecting our environment; reinforcing the quality of K-12 education; and emphasizing work directed at technology transfer that promotes and attracts new economic ventures and creates new jobs. Furthermore, the plan should aim at enhancing societal values and the quality of life that comes from a culture enriched by the arts and humanities.

A Statewide Mission

Besides calling on our students, staff, and faculty, I am calling on our friends across the state to help make all of this happen. I have been enormously impressed by the number of friends this university has – the alumni, the citizens, the parents, the businesspersons, everyone who knows of our university and what it means to the state. I am calling on all of you to help us carry out our mission.

- ▼ Spread the word about the beauty, the friendliness, and the academic excellence of our campus.
- ▼ Tell people what we are doing to make Maine a better place.
- ▼ Encourage young people to consider us among their college options, recognizing that nowhere on earth can they get such an array of high-quality academic programs at such an affordable price.
- ▼ Encourage learners of all ages to look to the university for their educational needs, from short courses to entire degree programs.
- ▼ Encourage businesspersons, agency heads, farmers, fishermen, manufacturers, everyone in economic sectors, to look to the university when they need help.
- ▼ Encourage state agencies, cities, towns, and rural communities to remember that our brainpower and research capacity is also there to assist them.
- ▼ Urge lawmakers and government officials to invest in the university as the best way of building a better future.
- ▼ Remind those who have the means to make generous gifts that their beneficence is often the edge that turns the everyday into the excellent. Urge them to create a legacy that will literally immortalize them in the memory of the public.
- ▼ Remember that you yourselves are collectively the university's most valuable resource, the ones who will literally decide how great your university and therefore your state will be, through your involvement and your generosity.



Finally I am calling on the students – literally the ones without whom there would be no university. Set your sights high. Nothing less than full progress to graduation with your very best effort will do. Through your achievements justify the sacrifices and the investment of all the persons I have already called on.

If we move forward in the ways that I have outlined, we will simultaneously have maintained a university that Justin Morrill and Abraham Lincoln would have been proud of, and created the institution that will help our state leap into the twenty-first century as a social and moral leader, a model of economic resurgence, and a place whose quality of life is the envy of the world.

I may not have fully known it at the time, but these motives were latent in my decision as a young man to remain in my home town and attend my state university. The values of democratic access to education, intellectual discovery, community, economic and social progress, and understanding across cultures were all imbedded in my choice. Moreover they were values that deepened during my years studying at a Land Grant university. I am sure those are values you share with me, and I hope you will join me in the effort to promote them as cornerstones of this wonderful university, the University of Maine. ▲

University of Maine Department of Public Affairs photos by José Azel, David Gagne, David McLain, Monty Rand, Tom Stewart and Michael York

News at a Glance

LAMBDA CHI FOOD DRIVE BENEFITS AREA SHELTERS

The UMaine chapter of Lambda Chi Alpha last month completed its fifth annual philanthropy project, "Brothers for Others," raising more than 5,800 pounds of food for four area shelters and soup kitchens, and the Ronald McDonald House.

This year, the fraternity was joined in the collection effort by members of seven sororities. The UMaine students went door-to-door in Bangor, Orono and Old Town collecting donations, which were then matched through monetary or corporate donations.

The amount of donations has increased annually since the establishment of "Brothers for Others" at UMaine. Since 1993, University students have raised almost 20,000 pounds of food donations to benefit those in need in central Maine.

"Brothers for Others" is part of the international fraternity's Annual North American Food Drive, which has a goal of raising 1 million pounds of canned and other non-perishable goods for people in need through its 220 chapters.

In addition to the food drive, UMaine's Lambda Chi Alpha chapter sponsors a clothing drive to benefit the Bangor area shelters. In the University community, the fraternity has been recognized for its public service projects, receiving VOICE awards in 1995 and 1996, and the Steve Gould Award in 1996.

STUDENTS HELP COMPILE CAMPUS RECYCLING MANUAL

In a collaborative effort between academic and administrative departments, a recycling manual is being compiled for use in the University community.

Students in the English Department's advanced professional writing class consulted with the staff of Facility Management's Office of Resource Conservation and Recovery (ORCR) to draft the manual, which will be finalized and prepared for campuswide distribution in the coming year. The manual will be a comprehensive guide to resource recovery and conservation efforts on campus, including recycling at the Depot.

To complete the project this semester, the nine students in the advanced professional writing class, led by English Instructor Jennifer Pixley, worked closely with Steve Peary, who coordinates the Office of Resource Conservation and Recovery.

This was the second collaboration between the two departments that has provided practical experience for student writers and a useful consumer education brochure for ORCR. Last year, Pixley's ENG 317 class helped write a recycling brochure, which has been distributed to residents of University Park.

ANNUAL HOLIDAY TREE SALE DEC. 5-7

The annual Xi Sigma Pi holiday tree sale will be held Friday-Sunday, Dec. 5-7, with proceeds to benefit student awards and scholarships in the College of Natural Sciences, Forestry, and Agriculture.

The sale will be held noon-5 p.m., Dec. 5; 9 a.m.-4:30 p.m., Dec. 6-7, on the front lawn of Nutting Hall. This year, 120 balsam fir freshly cut in Sangerville will be available. The 6- to 8-foot trees will be priced up to \$25.

Trees are sold on a first-come, first-serve basis, and customers are urged to shop early for best selection. Members of UMaine's chapter of Xi Sigma Pi, the forestry and wildlife scholastic honor society, will be available to answer questions and to assist with tree purchases. Last year the tree sale raised nearly \$1,000.

WEB COORDINATOR'S OFFICE ANNOUNCES NEW ADDRESS AND SERVER

What's in a name?

In the interest of providing the internet community with an easier, more intuitive address that uniquely identifies the University of Maine, we are pleased to announce a new URL: <http://www.umaine.edu>.

To host the new address, we have established a new server to house the University's core pages and provide a new home for departmental/unit Web sites. The core pages are already in residence, along with a growing number of departmental pages.

Why did we make the move?

Our main objective is to utilize current technological developments to make Web publishing as simple and convenient as possible for the University community. Using integrated software, creating and developing web sites can be as easy as working with a word processor. Knowledge of the HTML markup language and ftp commands are no longer necessary with a sophisticated WYSIWIG (What You See Is What You Get) editor and easy to use site management interface. It's now possible to quickly convert existing word processing documents to Web-ready (HTML encoded) pages using simple routines such as copying and pasting.

What steps do I need to take to facilitate the switch?

The Web coordinators office will soon attempt to contact all information providers who currently manage official pages linked from the campus level pages to facilitate transition to the new server. In addition, Interim Campus Web Coordinators Will Manion and Sharon Fitzgerald invite you to an open forum on the future of the campus Web Wednesday, Dec. 10, 2 p.m., Bangor Lounge, Union. If you have any questions, email webwiz@kramer.ume.maine.edu.

SLIDE-MAKING AVAILABLE AT GRADUATE CENTER

A film recorder for producing professional quality slides and color prints is now available at the Graduate Center for use by graduate students and faculty.

This technology allows the user to transfer digital presentations from programs such as Microsoft's Powerpoint on to photographic slides. The recorder was purchased by the Association of Graduate Students (AGS) using funds provided by the Academic Computer Advisory Committee (ACAC).

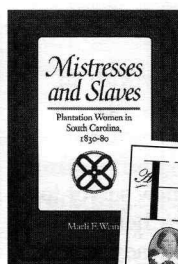
Individuals interested in using the film recorder should contact the Graduate Center, 581-3278, to schedule an appointment. The Graduate Center is located on the first floor of Estabrooke Hall and is supervised by the Graduate School and Campus Living.

ANNUAL BOOK DRIVE UNDER WAY

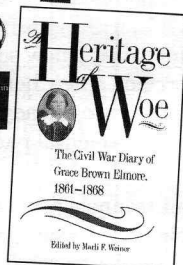
Children's books for needy area youngsters, from toddlers to teens, are again being collected by the College of Education and Human Development at the University of Maine. The public is invited to join in this annual tradition by donating new or used books in very good condition. The books will be distributed by the Orono-Old Town Kiwanis Club at the service organization's annual holiday party for area children. Books, gift wrapped if possible, and marked for a particular age level, may be brought to the office of Dean Robert Cobb, 151 Shibles Hall, through Friday afternoon Dec. 12. The annual book collection, in cooperation with the Kiwanis Club, has made thousands of books available to deserving area children over the past 19 years.

V O L U M E S

Recent Works by University of Maine Authors



Mistresses and Slaves: Plantation Women in South Carolina, 1830-80
By Marli F. Weiner
(University of Illinois Press 1998)



A Heritage of Woe: The Civil War Diary of Grace Brown Elmore, 1861-1868
Edited by Marli F. Weiner
(University of Georgia Press 1997)

In the antebellum South, gender and race were the two most significant shapers of individual experiences.

Other factors such as class, religion and family also were important, but being born free or enslaved, male or female, determined the possibilities and limitations for each individual.

In her book *Mistresses and Slaves*, Associate Professor of History Marli Weiner challenges much of the traditional wisdom on the domestic realm of the 19th century Southern plantation – a world in which white mistresses and female slaves labored together to provide food, clothing and medicines to the larger plantation community. Although divided by race, black and white women were joined by common female experiences and expectations of behavior. Because work and gender affected them as much as race, mistresses and female slaves interacted with one another very differently from the ways they interacted with men.

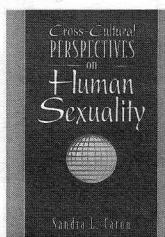
Supported by the accounts of women, Weiner offers fresh interpretation of the ideology of domesticity that influenced women's race relations before the Civil War, the gradual manner in which they changed during the war, and the harsher behaviors that resulted during Reconstruction.

The Civil War diary of Grace Brown Elmore of Columbia, S.C., is unusual for several reasons. Unlike many of the diaries kept by wealthy Southern white women during the war, it does not end at the approximate moment the slaves were freed and women found themselves taking on unfamiliar – and unwelcomed – domestic tasks. Unlike many of the memoirs written long after the war by the same group, it is not filtered through the distorting lens of memory. Elmore's was a diary kept not to record history but for personal reasons, becoming a chronicle of the war only as it intruded on the life of the writer.

Elmore's two-part diary, edited by Wiener in *A Heritage of Woe*, adds to our understanding of the war's meaning. Elmore was a member of the Civil War's "lost generation" of elite young Southern white women. She and her cohorts found that the war had eroded all stability in their lives. Early in her life, Elmore sought autonomy and independence, but when they arrived, the circumstances made them a penalty, not a prize. Unable to forget the old way of life or to enjoy the new, Elmore and other women like her struggled to shape the meaning of their lives. Elmore's life, ordinary by conventional standards, would become a proving ground for deciding the war's meaning: for understandings of race and race relations, for gender ideologies and behaviors, for class status and social place, and for Southern identity.

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.



Cross-Cultural Perspectives on Human Sexuality
By Sandra Caron
(Allyn & Bacon 1998)

When Sandra Caron began seeking materials to teach a course on cross-cultural perspectives in human sexuality, she found herself limited to a collection of articles and books that focused solely on such issues as abortion, pregnancy and prostitution. Last year, Caron, associate professor of family relations and human sexuality, initiated a class project to develop an affordable, comparative text on sexual attitudes and behaviors in different countries.

Cross-Cultural Perspectives in Human Sexuality covers the basic aspects of sexuality in 44 countries and is the first comprehensive text of its kind. It provides pertinent data on sex education, homosexuality, sexual activity, contraception, abortion, sexually transmitted diseases, prostitution and pornography, as well as statistics for pregnancies, births and abortions. Since environment can play a major role in shaping attitudes on sexuality, the book also offers an overview of each country, including information on population, ethnicity, religions and annual income per capita.

The purpose of the book is to serve as a quick reference to facts about cross-cultural perspectives in human sexuality. Caron notes in the preface that it is important to educate Americans of the diverse attitudes and behaviors that exist across the world "because knowledge about another culture's views assists us in gaining perspective on our own sexuality."



University of Maine author and retired graphic designer Arline Thomson, left, was in London this fall for a visit that included a promotional book signing at the Shakespeare's Globe Exhibition,

the recently opened authentic reconstruction of William Shakespeare's workplace, the Globe Theatre. The new London landmark, considered a living monument to the 17th century renaissance of drama and literature, includes an Exhibition Shop. Among the books sold in the Shop is Thomson's *Discovering Elizabethan London*. The volume, published by University of Maine Press and sold in England by Robert Hale Ltd., has been in some of London's larger bookshops for the past year.

Photo by Alexander Marazzi

Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/Distinguished Lecture Series Committee will be extended to Dec. 19. Proposal guidelines and applications are available by contacting Wanda Legere, President's Office, X1516.

Matthew Moen, professor and chair, Department of Political Science: review of Mark Rozell and Clyde Wilcox, *Second Coming: The New Christian Right in Virginia Politics* (Baltimore: John Hopkins University Press, 1996) in *Journal for the Scientific Study of Religion*, pp. 476-77 (September 1997).

Merrill Elias, professor of psychology; **Penelope Elias**, cooperating associate professor of psychology, with Ralph D'Agostino, Halit Silberschatz, and Philip Wolf, Boston University: "The Role of Age, Education, and Gender on Cognitive Performance in the Framingham Study: Community Based Norms," *Experimental Aging Research*, 23:201-35 (1997). Also, P. Elias, M. Elias, with D'Agostino, L.A. Cupples, P.W. Wilson, H. Silberschatz, and P.A. Wolf, Boston University: "NIDDM and Blood Pressure as Risk Factors for Poor Cognitive Performance: The Framingham Study," *Diabetes Care*, 20:1388-95 (1997).

Lyombe Eko, assistant professor of journalism: "From Passive Victims of 'Cultural Imperialism' to Participants in Multicultural Cooperation: Television Programme Exchange in Africa," *Ecquid Novi, Journal for Journalism in South Africa*, 18(1):69-89 (1997). Based on a paper read at the International, Intercultural and Development Communication Division of the International Communication Association's 47th Annual Convention, Montreal, May 22-26.

Limin Kung Jr., associate professor of animal and food science, University of Delaware, and **Martin Stokes**, professor of biosystems science and engineering: "A New Analysis for an Old Feed - Silage," *Hoard's Dairyman*, 142(18): 739 (October 25, 1997).

Dorothy Breen, associate professor of counseling education: a chapter, "Weathering an Adolescent Storm," *Case Studies in Child and Adolescent Counseling*, Second Edition, Larry B. Golden, Merrill/Prentice-Hall (1998).

Steven Colburn, associate professor of accounting, and Ted Englebrecht: "IRS Program for Correcting 403(b) Plan Defects," *Taxation for Accountants*, 59(5):268-273 (November 1997).

Joshua Smith, History Ph.D. candidate: "'So Far Distant from the Eye of Authority': The Embargo of 1807 and the U.S. Navy, 1807-1809," *New Interpretations in Naval History*, selected papers from the Twelfth Naval History Symposium (U.S. Naval Academy, Oct. 26-27, 1995), Annapolis, Md.: Naval Institute Press (November 1997).

David Yarborough, Extension blueberry specialist and associate professor of horticulture, and **John Smagula**, professor of horticulture: editors of *Proceedings of the Sixth International Conference on Vaccinium Culture*, International Society of Horticultural Science, *Acta Horticulturae* 446, Leuven, Belgium, 512 pages (1997). Articles by University of Maine faculty in the *Proceedings* include: Yarborough - "Production Trends in the Wild Blueberry Industry in North America," *Acta Horticulturae*, 446:33-35; Yarborough and **Michelle Marra**, associate professor of agricultural economics (now at NC State University) - "Economic Thresholds for Weeds in Wild Blueberry Fields," *Acta Horticulturae*, 446:293-301; Yarborough and **John Jemison**, Extension water quality specialist - "Developing Best Management Practices to Reduce Hexazinone in Groundwater in Wild Blueberry Fields," *Acta Horticulturae*, 446:303-307; Smagula, **Walter Litten**, faculty associate, **Youzhi Chen**, graduate assistant, and **Scott Dunham**, technician - "Variation of Fruit Set Characteristics of Wild Lowbush Blueberries (*Vaccinium angustifolium* Ait.) in Managed Field," *Acta Horticulturae*, 446:109-115; Smagula and **John Harker**, faculty associate at Maine Department of Agriculture, Food and Rural Resources - "Cranberry Micropropagation Using a Lowbush Blueberry Medium," *Acta Horticulturae*, 446:343-347.

Former graduate student **Michael Cole**, now at Pennsylvania State University, and **John Moring**, professor of zoology: "Potential Error with in situ Surveys of Smallmouth Bass, *Micropterus dolomieu* Lacépède, as Determined by Radio-Telemetry," *Fisheries Research*, 31:269-273 (1997). In addition, Moring had two book reviews published: *The Seven States of California: A Human and Natural History*, (P.L. Fradkin, Henry Holt and Co., 1995) and *Migrants West: Toward the Southern California Frontier*, (R.C. Woolsey, Grizzly Bear Publishing, 1996), both in *Journal of the West*, 36(4):109-110 (1997).

Jianhua Jian, Tufts University (former graduate student, Plant Biology Department), **Dilip Lakshman**, associate scientist, and **Stellos Tavantzis**, professor of plant pathology, Department of Biological Sciences: "Association of Distinct Double-stranded RNAs with Enhanced or Diminished Virulence in *Rhizoctonia solani* Infecting Potato," *Molecular Plant-Microbe Interactions*, 10(8):1002-1009 (1997). A figure from the paper was selected for the cover of the respective issue of *MPMI*.

Miodrag Oljaca, former graduate student in mechanical engineering, and **James Sucec**, professor of mechanical engineering: "Prediction of Transpired Turbulent Boundary Layers with Arbitrary Pressure Gradients," *ASME Journal of Fluids Engineering*, 119(3):526-532 (1997).

Mark Anderson, interim chief financial officer: "Two Pigs from Maine: Reflections on Authenticity in Regional Literature," *Maine Scholar*, 10:203-215 (1997).

Book Ends

New & Noteworthy at the University Bookstore

The Djinn in the Nightingale's Eye: Five Fairy Stories, A.S. Byatt, Random House - 1997. Byatt's stories are both magical and very modern. They are fairy tales for adults, which retain the beauty and mystery of the world we imagine as children. Byatt readers will discover new delights and surprises, while those unfamiliar with her work will find an enchanting introduction to the magic of her writing.

An Irish Eye, John Hawkes, Viking - 1997. Dervia O'Shannon, the 13-year-old who tells this tale, finds herself at the dawn of true womanhood when the children of Saint Martha's Home for Foundling Girls embark on a series of festive visits to Saint Clement's Home for Old Soldiers. *An Irish Eye* is part myth, part tall tale, and part children's story intended only for adults. It is a magical commentary on religion, girlhood, and the Irish sport.

Larry's Party, Carol Shields, Viking - 1997. Larry Weller, born in 1950, is an ordinary guy made extraordinary by his creator's perception, irony and tenderness. *Larry's Party* gives us, as it were, a CAT scan of his life, in episodes between 1997-1997, which flashback and forward seamlessly. Larry's odyssey mirrors the male condition at the end of the century with targeted wit, unerring poignancy and faultless wisdom.

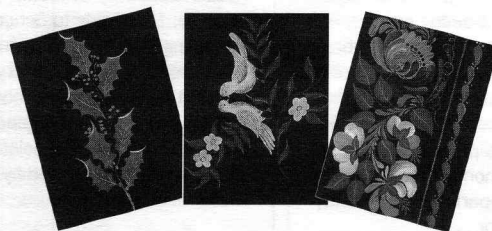
Plays Well With Others, Allan Gurganus, Knopf (Random House) - 1997. In his first novel since *Oldest Confederate Widow Tells All*, Allan Gurganus offers us an indelible, addictive praise-song to New York's wild recent days, their invigorating peaks and lethal crashes. His book creates a deeply engaging narrative about flawed, well-meaning people who seem lifted from their own address books.

The Cobra Event, Richard Preston, Random House - 1997. *The Cobra Event* is a dramatic, heart-stopping account of a secret counter-terror operation. The details of this story are fictional, but they are based on a scrupulously thorough inquiry into the history of biological weapons - a very real threat. Told with the skill and authority that made Richard Preston's *Hot Zone* an internationally acclaimed best-seller.

Greeting Cards Celebrate Historical Stencil Collection

Four Early American stencil decorations from the Ellen J. Loring Collection of the Page Farm and Home Museum have been made into notecards. The colorful 5x7-inch notecards are sold in sets of eight for \$10, with proceeds benefiting the Museum. The cards are on sale at the Museum and the University Bookstore.

The Loring Collection of stencils and stenciled artifacts, many with patterns dating back to the turn of the century, was donated in 1995 by Ellen Jacobson Loring of Southport and of Naples, Fla. The collection contains almost 700 pieces and represents almost three decades of research and collecting of patterns in an effort to preserve the age-old art.



The Canadian-American Center, in cooperation with the Gorsebrook Institute, St. Mary's University, held a one-day symposium: "North by Northeast: Understanding the Links Between the Maritimes, Maine and New England," Halifax, Oct. 23. Papers were presented by the following University of Maine faculty and graduate students: **David Sanger**, Anthropology,

"An Archaeological Approach to the Origin of the Wabanaki Confederacy: Cultural History in the Maritime Peninsula"; **Joshua Smith**, Ph.D. candidate in history, "Passamaquoddy Bay: Periphery or Borderland?"; and **Howard Cody**, Political Science, "A Maine Perspective on Cross-border Relations. **Stephen Hornsby**, Canadian-American Center/anthropology, chaired the first session on "Imagining the Region."

George Criner, professor; **Greg White** and **Hsiang-tai Cheng**, associate professors; and **Stephanie Peavey**, associate scientist, attended the Food Distribution Research Society Annual Conference, Clearwater, Fla., Oct. 26-29. Criner presented a research report: "Overview of Waste Management in the U.S. and Europe with Focus on Food Residuals." White presented a research update: "Specialty Food Marketing on the Internet." Cheng presented a research update: "Consumer Evaluation of Potato Attributes and their Influence on the Purchasing Decision," co-authored by Peavey and **Alan Kezis**, associate dean of NFA. Peavey presented the research report: "A Study of Consumers at a Small Farmers' Market in Maine," co-authored by **Thula Gwebu**, Cheng and Kezis. Directors of the Society elected Cheng vice president of education.

Oct. 17, **Michael Greenwood**, Department of FES, presented: "Morphological and Molecular Markers for Maturation State in Forest Tree Species," as one of three invited review papers at the COST (committee on Science and Technology of the EEU) 822 fourth working group meeting on: "Identification and control of phase changes in rejuvenation," at the Slovak Academy of Sciences in Nitra, the Slovak Republic. Funding for the trip was provided by the European Economic Union. **Keith Hutchison**, Department of BMMB, was a co-author.

Patricia Burnes, associate professor of English, has been named state coordinator for the 1998 National Council of Teachers of English (NCTE) Achievement Awards in Writing. Through this nationally recognized competition, now in its 41st year, approximately 700 high school seniors are cited for excellence in writing and are recommended to colleges and universities for admission and for financial aid, if needed. More than 300 students were nominated for NCTE Achievement Awards in 1997. The regional judging committees are composed of both high school and college teachers who work under the direction of state coordinators. The National Council of Teachers of English is made up of more than 90,000 individual teachers and institutional members at all levels of instruction, from elementary school through graduate college. Its goal is more effective teaching of English language arts and literature in the nation's schools and colleges.

Chris Mares, a lecturer in the Intensive English Institute, was a finalist in the 9th ANA Wingspan Short Story Competition. The title of his entry: "My name is Shigeki Matusmoto." The international short story competition is sponsored by All Nippon Airways, the second largest carrier in Japan.

Alan Rosenwasser, associate professor of psychology, presented a poster, co-authored with psychology graduate student **Suzanne Dwyer**: "Chronic Clonidine Treatment Alters Photoc Phase Shifting and Entrainment in Syrian Hamsters," at the annual meeting of the Society for Neuroscience, Oct. 25-30, New Orleans.

Presentations by College of Education & Human Development faculty at the 1997 National Rural Education Association, Sept. 24-27 in Tucson, included: "Making Connections/Building Partnerships: Examples from the University of Maine," **Robert Cobb**, dean; **Walter McIntire**, director, Center for Research and Evaluation; **Constance Perry**, professor of education; and **Russell Quaglia**, director, National Center for Student Aspirations; "Student, Teacher and Parent Perceptions of New England Public Secondary Schools," McIntire; "Attending to School Belonging: Administrators and Teachers Take Notice," Perry; "Connecting Secondary School Athletic and Academic Agendas" by Cobb and research associate **Rebecca Carr**, presented by McIntire.

NURSING FACULTY MEMBER PART OF NATIONAL DIALOGUE ON DOMESTIC VIOLENCE PREVENTION

University of Maine Assistant Professor of Nursing Nancy Fishwick is helping to lead a national effort to better train nurses to recognize signs of family violence and help its victims.

Fishwick was among the more than 100 academics, practitioners and public health officials invited to the National Nursing Summit on Violence Against Women in Washington, D.C., in October.

Fishwick, who has taught at UMaine since 1993, has volunteered with domestic-violence programs in Maine and other parts of the country for much of her nursing career.

At the national summit, sponsored by the U.S. Public Health Service's Office on Women's Health, Fishwick co-moderated a working group intended to develop strategies for preventing violence against women and intervening effectively in abuse cases.

Recommendations from Fishwick's summit group, now in draft form before the U.S. Department of Health and Human Services, include more federal research funding to develop culturally sensitive models for preventing and reducing violence against women and children, and better training so that nurses and other healthcare professionals routinely ask all patients about abuse in their lives and also possess skill to respond effectively.

Fishwick's interest in curbing domestic violence dates from her early clinical work in Kentucky in 1981. Through work with grassroots family violence programs and shelters, she learned to recognize signs of domestic abuse. She also learned the importance of offering support for those who are living through the cycle of violence, and providing links with community-based resources.

In the UMaine School of Nursing, domestic violence training is integrated into the curriculum. Classes requiring clinical fieldwork now routinely cover domestic abuse, with the goal of preparing both graduate and undergraduate nursing students to recognize and handle cases of domestic abuse.

Sydney Carroll Thomas, assistant professor of counseling education, and **Sharon Barker**, director of the Women's Resource Center, were presenters at a professional development conference for educators: "Girls on the Edge: Equity & Fairness in Education," Nov. 8, University of Maine - Presque Isle. Thomas' topic was "Picked On, Cast Out: Coping with Peer Rejection"; Barker discussed "Creating Courageous Girls." Also participating in the conference were UMaine undergraduates **Charley Martin** and **Stephanie Bailey**, both minoring in Women's Studies. The conference was a collaborative project of the Caribou Branch of the American Association of University Women, Health 1st of Presque Isle, and the Central Aroostook Council on Education.

Ivan Manev, assistant professor of management, presented two papers at the Academy of International Business Annual Conference in Monterrey, Mexico: "Structure Leads to Strategy? A Network Analysis of Across-unit Communication and Unit Strategies in a Multinational Organization," and "The Governance, Legality, and Interdependence of Firms in Transforming Economies." The second paper is co-authored with Tatiana Manolova and Aimin Yan of Boston University.

Dorothy Klimis, associate professor of clinical nutrition, was invited speaker at the Annual Meeting of the Association of Cancer Patients and Friends on: "Phytochemicals and Disease Prevention," Limassol, Cyprus, March 21. In addition, Klimis and **Peiyang Yang**, graduate student in food science and human nutrition, presented a paper at the International Symposium of "Trace Elements in Humans: New Perspectives," Athens, Greece, Oct. 9-11.

Howard Segal, Bird & Bird Professor of History, commented on papers on "Science, Fiction, & Cyberculture" at annual meeting of the American Studies Association, Washington, D.C. He also serves on the editorial board of the Association's journal, *American Quarterly*, and is helping to plan the celebration of its 50th year of publication.

Marc Baranowski, associate professor of human development, and **Gary Schilmoeller**, associate professor of child development and family relations, presented a paper: "Grandparents in the Lives of Children with Disabilities: Parents' Perspectives," at the annual meeting of the National Council on Family Relations, Crystal City, Vir., Nov. 7.

Anne Pooler, associate dean for academic services, College of Education & Human Development, gave an invited presentation, "Whose History Is It? Do Men and Women Differ in the Strategies and Topics They Choose in Teaching U.S. History," at the New England History Teachers' Association's 100th Anniversary Conference, Bentley College, Oct. 25.

Russell Quaglia, director of the National Center for Student Aspirations, addressed the European-American University Forum and the Eighth Annual American Association of University Administrators International Conference, Oct. 18 and Oct. 21, in Lugano, Switzerland. His topic was student retention for higher education. Among other presentations in October, Quaglia gave the keynote address at the Blaine House Conference on Volunteerism in Augusta and at the Vermont Principals' Association fall conference in Rutland.

Charles Hausman and Anne-Marie Read, assistant professors of educational leadership, presented at the University Council of Educational Administration annual conference, Orlando, Oct. 31-Nov. 2. Hausman's topic was: "Parent Involvement and Satisfaction in Magnet Schools: Do Reasons for Choice Matter?" Read presented: "Conversations on the Status of Women School Leaders in Maine: Dialogic Connections Between Policy and Practice."

Harper Dean, doctoral student in the Individualized Ph.D. program, attended the National Forum on Education Adequacy, sponsored by the National Conference of State Legislatures, Nov. 9.

Janis Williamson, director of the Intensive English Institute, and **Dudley Doane**, lecturer and coordinator of academic advising at the Intensive English Institute, presented: "Building Relationships within the Institution: Some Initiatives of an IEP in a Land Grant University," Oct. 24 at the NAFSA: Association of International Educators Region XI conference, Providence, R.I. At the same conference, **Amir Reza**, activities and services specialist at the Intensive English Institute, presented: "Uniting the Campus and Community," with colleagues Kate Baty (MIT) and Alice Kirk (International House of Rhode Island), Oct. 24. In addition, Doane co-led the workshop: "Electric Connection: Planning Electronic Communications," with colleagues Parker Emerson (Harvard) and David Sangurima (LASPAU), Oct. 23.

TWO FACULTY MEMBERS PART OF TRADE MISSION TO VIETNAM

Two faculty members traveled to Vietnam in October as part of an unprecedented trade mission that involved talks that could lead to business and research relationships, including opportunities for UMaine.

Associate Professors Ngo Vinh Long from history and Tony Brinkley from English worked with the Franco-American Center to arrange extensive talks between Vietnamese business and government leaders and U.S. delegates on the mission. The mission was part of the biennial meeting of the Forum Francophone des Affaires, a global trade organization designed to promote business among member French-speaking nations. The U.S. chapter of the Forum was established this year in Maine.

"Because of this trip, Maine is now given first priority" in possible trade exchanges, says Long, who was born in Vietnam and has served in recent years as an adviser to the Vietnamese prime minister.

The Vietnamese have a particular interest in biotechnology, computer technology, aquaculture, forestry, and wood composites technology. UMaine has well-established programs in these areas, and several of them have national reputations.

Representatives from the two sides now hope to continue discussions that could lead to exchanges between Maine and Vietnam, drawing on some of the resources at UMaine.

"When you recognize that French in Maine has been an unacknowledged cultural and economic resource – that it can connect Maine to business networks throughout the French-speaking world – you also recognize that the state can have ways of doing business in the world that we haven't explored before," says Brinkley, who serves as coordinator of commercial initiatives for the Franco-American Center.

"You can go to Vietnam, attend a Francophone meeting, and discover that Maine and Vietnam can be partners. The Vietnam mission suggests a way in which the University of Maine can make a vital contribution to the state's economic future."

The Forum Francophone des Affaires was created 10 years ago. Through the work of a Maine committee, the U.S. formed a chapter last winter, and Lewiston recently was chosen as the site of the chapter's headquarters. The Franco-American Center played a key role in creating the U.S. chapter. Center Director Yvon Labbé is vice president of the chapter.

Sandra Gardner, associate professor, Sociology, attended the Inclusive and Interdisciplinary Curriculum Workshop in Portland, Sept. 10-13, and presented, as part of a panel: "From Bifocals to Progressive Lenses: A Women's Studies and Curriculum Transformation Program Responds to Its Particular Locale."

Sandy Blitz, adjunct assistant professor, Department of Public Administration, participated in the Rhode Island Second Annual Aquaculture Conference as a panelist, and discussed federal financial opportunities that assist aquaculture development. In addition, she received the Jerome H. Barnett Award from Eastern Maine Development Corp., at its 30th Annual Meeting, Bangor Civic Center, Oct. 30. The award is presented to "a public servant whose dedication has had the greatest impact on the economy and the people of Eastern Maine."

David Field, E.L. Giddings Professor of Forest Policy, presented an invited paper: "Economic Impacts of the Proposed Maine Woods National Park," at the University of New Hampshire, Oct. 16.

Professor **Jayendran Rasala**, Department of Chemistry, spoke by invitation at the Brandeis University Chemistry Colloquium Oct. 21 on: "Simulation Studies of Ions in Solution." He also presented an invited chemistry colloquium at Hunter College Nov. 21: "Ion and Solvation Dynamics in Aqueous Solution."

Cinzia Spencer-Cervato, Geological Sciences and Quaternary, has been appointed Visiting Professor by the University of the Punjab, Lahore, Pakistan (1997-2000). She is the first female faculty member at the Institute of Geology and the first foreign academic to be given Visiting Professor status. In other news, Spencer-Cervato presented a paper: "Changing Depth Distribution of Hiatuses During the Cenozoic: Variable Sea Level and Deep-water Flow Mechanisms," at the Geological Society of America Annual Meeting, Salt Lake City, Oct. 19-23. She also was invited to give a seminar: "Dolomitisation tertiaire dans les Alpes Meridionales (Italie): corrélation avec activité tectonique et volcanique," at the INRS Georesources, Université du Québec, and Canadian Geological Survey, Québec City, Oct. 14.

Professor **Vijay Panchang**, School of Marine Sciences, attended the Third International Symposium on Wave Management and Analysis, Nov. 3-7, Virginia Beach. He presented the papers: "Validation of Harbor Wave Prediction Models," co-authored by **Karl Schlenker**, graduate research assistant, Civil Engineering and School of Marine Sciences, and Z. Demirbilek, Army Waterways Experiment Station; and "Using GEOSAT Measurements to Estimate Extreme Wave Heights," co-authored by **Liuzhi Zhao**, graduate research assistant, Civil Engineering and School of Marine Sciences. Panchang also chaired the session on wave transformation.

Douglas Nangle, assistant professor of psychology, and **Janice Zeman**, assistant professor of psychology, co-chaired a panel discussion: "On the Importance of Incorporating Developmental Theory in Clinical Child Training," at the annual meeting of the Association for Advancement of Behavior Therapy in Miami, Nov. 16. In that panel discussion, Zeman, **Leslie Sim**, graduate student in developmental-clinical psychology, and Nangle presented a paper: "A Survey of Clinical Child Programs." Also at this conference, Nangle and **Rachel Grover**, graduate student in developmental-clinical psychology, presented a paper: "Relations Between Social Behavior and Contraceptive and Prophylactic Competence Among Females." Nov. 14, **Cynthia Erdley**, assistant professor of psychology; Nangle; developmental-clinical psychology graduate student **Lora Qualey**; and Grover presented a paper: "Reflecting on the Popularity Construct: The Importance of Who Likes or Dislikes a Child."

Ivan Fernandez, professor of soil science and chair, Department of Applied Ecology and Environmental Sciences; Beth Adams, USDA Forest Service, Parsons W.V.; and Lindsey Rustad, USDA Forest Service, Durham, N.H., presented the paper: "Soil Nitrogen Fractions in Eastern U.S. Forested Watersheds," at the national convention of the Soil Science Society of America, Anaheim, Oct. 24-31.

Michel Lahti, Individualized Ph.D. program, presented the paper: "Measuring Accountability in Performance Contracting Systems," to the 19th Annual Research Conference of the Association for Public Policy Analysis and Management, Washington, D.C., Nov. 8.

Kellogg *continued from page 2*

Sockabasin was chosen from more than 700 applicants for 38 fellowships. During the three-year program, Kellogg leadership fellows attend educational laboratories designed to strengthen their leadership skills.

The award will cover Sockabasin's time and other expenses she incurs in developing her leadership project for the foundation. She will continue to work for the Wabanaki Center.

Sockabasin grew up in greater Boston. At 17, she moved with her family back to Pleasant Point, one of two Passamaquoddy reservations in Washington County. There she began working for the tribe, first as director of the Neighborhood Youth Corps., then for the local housing authority, the school and the community action agency. She enrolled at Dartmouth in 1974 as a history major with a concentration in Native Studies, but she returned to Maine a year-and-a-half later after a death in her family.

After graduating from UMaine in 1982 with a degree in business, she worked on Indian Island for 12 years, serving in the Penobscot Nation's health department as business manager and then as health director.

Sockabasin returned to the University as associate director of the Wabanaki Center in 1995, seeing a chance to support Native American students and help them achieve their educational goals.

She hopes to use the Kellogg fellowship to strengthen the connection between young Passamaquoddys and their heritage. She believes language is the key to culture.

"If we don't have language, then we lose a lot of what makes us unique as native peoples," Sockabasin says. "I'm interested in exploring what things influence the value placed on community."

The W.K. Kellogg Foundation was established in 1930 in Battle Creek, Mich., "to help people help themselves through the practical application of knowledge and resources to improve their quality of life and that of future generations." ▲

Engineering *continued from page 2*

joining UMaine in 1989. At UMaine he also advises the Association of General Contractors Student Chapter and guides UMaine's entry in the international concrete toboggan competition.

The Leila C. Lowell Award, named for a highly-respected, retired administrative associate of the College, was presented to Suzanne Thibodeau for excellence in providing student support services. As a secretary in the School of Engineering Technology, she worked closely with students to ensure registration and developed accurate academic record-keeping. Her expertise in software use and Internet development has made the SET programs more accessible to students and the general public.

The College also recognized Scott Dunning for outstanding accomplishments in teaching by young faculty. Dunning is associate professor of electrical engineering technology and director of the UMaine Industrial Assessment Center. He was lauded for his close work with industry to arrange student internships and his expertise in industrial energy efficiency.

Robert Lindyberg received the Graduate Assistant Award. He is currently a Ph.D. candidate in structural engineering and holds a master's in civil engineering from UMaine. Lindyberg was cited for his extra effort in helping students with presentations and research projects, in addition to his regular duties as a teaching assistant. His research is being used by the State of Maine Department of Transportation to revise Maine bridge design procedures. ▲

Media Spotlight

International Media Continue to Tap El Niño Experts

Daniel Sandweiss, Department of Anthropology, and Kirk Maasch, Department of Geological Sciences, both with the Institute for Quaternary Studies, were interviewed for Quirks and Quarks, a science radio program broadcast by the Canadian Broadcast Corp. Research by Sandweiss and Maasch on El Niño also was cited in the Nov. 3 edition of the Sydney (Australia) *Morning Herald* and the Oct. 15 edition of the *Sacramento Bee*. In addition, Sandweiss was interviewed by an Associated Press reporter based in Lima, Peru.

Moore Tapped by *Ledger-Dispatch*

Paula Moore, director of the Center for Early Literacy, interviewed with the *Ledger-Dispatch* of Antioch, Calif., for a story on the pros and cons of teaching handwriting to primary school students. Moore pointed out that handwriting is a critical skill that needs to be learned at the primary level.

Lancaster in *Kiplinger Personal Finance*

Keith Lancaster, coordinator of the Maine Center for Coaching Education, interviewed with the *Kiplinger Personal Finance Magazine* for a story on the investment families are making in pursuing select teams and sports specialization for their children, often with the unrealistic expectation of receiving college athletic scholarships.

Hawes Cited in *Science News*

The views of Robert Hawes, professor emeritus of animal and veterinary sciences, are included in an Oct. 4 *Science News* article on the loss of traditional animal breeds. Hawes points out that five breeds of chickens now provide all U.S. meat and brown eggs, and all white eggs come almost exclusively from a single breed, white leghorns. Prior to the industrialization of poultry, U.S. farmers raised more than 60 breeds.

Baktiari Interviewed by *Orlando Sentinel*

Bahman Baktiari, associate professor of political science, interviewed recently with the *Orlando (Fla.) Sentinel* for a project about the rise of Islamic Fundamentalism in the world.

EAP OFFERS VIDEOS FROM ITS LIBRARY

The following is a list of workshops sponsored by EAP, videotaped and on loan from the EAP library. Call x4014 for more information.

Aging Smart-Aging Well:

Managing the Process of Growing Older. Can We Manage the Aging Process?-Susan Lichtman; *Nuts and Bolts*-Panel

Dealing with Change-Beth Bohnet, Ph.D.

Families in Transition Series

Divorce-Robert Peddicord
Step-Families-Karen Watts
Acting Out Teens-Eric Taylor

Financial Series

Money and Emotion-Cathy Baker
Financial Planning-Robert Strong
Common Sense Buying-Panel

How to Deal with Toxic People in the Workplace-Maria Baeza

Love and Renewal: Revitalizing Your Relationship-Eric Aronson

Menopause Series

The Changes-Nursing Students
The Choices-Nursing Students

Violence in the Workplace-Jim Hardeman, Polaroid

Eating Disorders Workshop

Anorexia/Bulimia/Overeating-Mary Bellefatto

Fathering Series

Panels - Fathers and Divorce; Men and Their Aging Parents; What's a Good Father Anyway?

Food and Families Series

NOWEIGH!-Lillian Zanchi & Joan Dauphinee
When Food Is More Than Just Food-Gail Werbach
The Dining Room Revisited-Denise Glassman & Liz Wiesen

Intimate Relationship Series

Revitalizing Couple Relationships-Mark Felix
Dealing with Conflict - Disagreement: Creative Approaches for Couples-Keith Cook
Affairs: Surviving, Healing and Growing-Maria Baeza

Men's Journey Series

Panels - Men and Power; What It Means to be Male in Today's Society - Male Friendships; Do I Harass Women and Not Know It: Men in the Work Place.

No Bounds *continued from page 10*

Coleman was determined to stay active and to avoid having people "feeling sorry for me because I wasn't able to go out and do the things I used to." He discovered karate, studying for years under black belt Bruce Barker, a man who changed Coleman's life forever.

"I committed my life to training," says Coleman, who earned his black belt in 1985 and has taught countless numbers of students ranging in age 5 to 60. "Karate is good for your mind, physical fitness and self-discipline. From Bruce Barker I learned dedication and the importance of working hard at something you love. Through his calmness and ability to help me put things in perspective, he was a good influence. I learned so much about teaching from him."

Another milestone in Coleman's life occurred when he married Ellen in 1991. That fall, Coleman enrolled at UMaine, taking his first classes on what was then the Bangor campus.

"Going to college was something I thought I would do someday, but the years went by and that someday didn't happen. Marrying Ellen was the boost I needed. There were now two of us for whom I was responsible.

"But it was still a hard decision. A lot of people can take a degree and get a job with it. Because I'm a person who can't see, I have to be trained for something. Yet I wanted to be able to go to work, enjoy what I do and have a career that was part of who I am as a person. The pressure was great to pick what I was going to do for the rest of my life."

Ultimately, Coleman's career choice was made based on his life-long passions and strengths, not on his disability. "I knew I loved to teach because I had done karate for so many years. I've always had a passion for sports and physical fitness. I enjoy working with children."

Coleman's pursuit of a bachelor's degree in kinesiology and physical education, with a concentration in developmental disabilities, began with an evening course through the Continuing Education Division.

"I decided to try one course as a guy who couldn't see," says Coleman. "Going to college was so huge to me. The last time I went to school had been so long ago, and it was when I could see. But I devoted so much hard work to it. That first class went well and I took two other courses. That's when I met David Defrosia."

Defrosia, professor of history, became Coleman's academic advisor. After five CED courses, it was Defrosia who urged Coleman to attend classes full-time as a student, and to eventually enroll in the College of Education and Human Development.

In order to do his coursework, Coleman listens to taped recordings of textbooks, many of which are available from a publishing house in Princeton, N.J. For those texts not available on tape through Recordings for the Blind and Dyslexic, and for handouts provided in classes, Coleman depends on the University's support services for students with disabilities, coordinated on campus by Ann Smith. The Office of Services for Students with Disabilities, part of the Onward Program, hires Work Study students to make recordings for students with special needs. At home, Coleman's wife also helps make recordings of required readings, and helps format papers due in classes.

"I put pressure on myself to do well," says Coleman, who maintains a 3.85 GPA. "I may have made things harder on myself because I'm a perfectionist."

To study and to do his homework, Coleman spends hours in a darkened room listening and re-listening to tapes – hundreds of tapes stacked in mountains around his three tape recorders. Science labs, including a required lab in anatomy, involved a Work Study student accompanying Coleman to be his "eyes," describing in detail the slide under the microscope or the plastic

model of the bones of the body. Coleman's exams are oral.

Coleman credits Smith and "tremendous faculty" at UMaine for making his academic aspirations a reality. Those inspirational faculty members include Associate Professor of Physical Education and Education Glenn Reif, from whom Coleman says he learned "the science of teaching." And Professor of Education and Special Education Steve Butterfield, who made it clear to Coleman from the start that "he was in my corner and wanted to see me succeed. With Steve, it was never an issue that perhaps I was picking the wrong major. He does not believe in putting limits on people, but rather focusing on the positive and what people can do.

"From him, I learned about working with students with disabilities. I am a better teacher as a result of being his student."

Coleman says some of his best memories at UMaine have involved student teaching, first at John Graham School in Veazie under Coach Mike Smart, and then this semester at his alma mater, Bangor High, working with Coach Robert Kelley, who has known Coleman since he was 12 years old.

"The University of Maine has been so wonderful," says Coleman. "I have gained so much as a human being through my college experience. I have received a wonderful education – a total education academically and personally. I have met so many people I would not have otherwise – people from all over the country and the world. The University opened that world to me."

Coleman also says the fact that he has an academic career at all is due to one woman. "Through Ellen and her support, I made the decision to go to college," he says. "She gave me something to work that hard for. She has supported me in so many ways, including being here when things were toughest and telling me that I could do it. She is my whole life.

"I can't look into her eyes and tell her how much she means to me. But that day I graduate, she will know that we did this together." ▲



**Combined Charitable Appeal
for University Employees
total to date:
\$30,000**

International Notes

The following Websites provide helpful information for international travel. In addition, the Office of International Programs subscribes to "Culturegrams" and can provide brief country-specific information. Call the Office of International Programs, 581-2905.

▼ **Traveler's Departure Zone:** <http://www.ciee.org/zone.htm>

▼ **Lonely Planet Travel Information:** <http://www.lonelyplanet.com>

▼ **Center for Disease Control (travel advisories):**

<http://www.cdc.gov/travel/travel.html>

▼ **Worldwide Travel Health Information:**

<http://www.intmed.mcw.edu/travel.html>

▼ **Financial Aid Information Page:** <http://www.finaid.org/>

▼ **Visa Information Database (addresses for various consulates plus links to embassy Websites):** <http://www.istc.umn.edu/Travel/consulate-search.html>

▼ **Travel Web Site Search:** <http://www.istc.umn.edu/Travel/Internet-guide.html>

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

FOR SALE

AUTOMOBILE: 1991 Toyota Camry DX, 4-door, automatic, AC. From southern U.S. so no rust. Great condition. 95,000 miles. \$5,600. Call 866-7517.

AUTOMOBILE: 1985 Audi 5000S. Black. No rust. Runs great. Nice car. \$1,650. Call 884-8493.

HEATERS: Corona portable kerosene heater (Model 23-DK), excellent condition, \$75. Oil-filled electric radiator heater, new, \$30. Call 990-3094, evenings and weekends.

HOUSE: Family home in Veazie with 4 BRs, 2 full baths, large kitchen, living/dining room, den/TV room overlooking backyard. About 2,000 sq ft of living area in a lovely cape-style home. Attached single garage, laundry and partial bath in basement, attic and cellar storage. Available Jan. 1. \$850/month plus utilities. Security deposit. Call 866-3155 evenings and weekends.

HOUSE: 45 mins. from Orono, Acadia National Park, & Camden. Circa 1830 Maine Cape on 9 acres. 4BR/2LR/DR/study/2 full baths/large kitchen. New furnace, water and sewer. 2-car detached garage with attic and wood alcove. Dog kennel with 2 runs. Very private. \$153,000. Call 469-7490.

HOUSE: Old Town. Charming Cape/bungalow-style home in excellent condition. In-town, up-to-date interior, 3 BRs, 2 large full baths, kitchen, formal DR, LR, office/computer room, family room opening onto deck and large backyard, 2 porches. \$82,500. Call 827-2544 after 5 p.m., for more information.

MISCELLANEOUS: Country-style blue sofa bed, \$80; and 18th century violin, sounds beautiful, with case, bow, and sheet music, \$450. Call 866-0688.

SCANNER: Canon IX-4015 color scanner. Comes with ofoto software. OCR capability. \$350. Call 884-7143.

FOR RENT

APARTMENT: Bangor. 2BRs with small study, LR, kitchen with appliances and full bath. Carpeted throughout, except in kitchen and bath. Convenient to hospitals, downtown and malls. Off Stillwater Avenue. Clean, quiet, bright and sunny rooms with large closets. Nice backyard and off-street parking. Heated, W/S, plowing and mowing included. \$495/mo., references and security. No dogs. Mature professional or couple. Call after 6 p.m., 941-6442 or leave message.

CONDO: Colburn Drive, Orono. 2 BR, 1 1/2 baths, partially furnished, deck, laundry hookups, pets negotiable, parking, negotiable lease, references required, walking distance to campus. Quiet residential area. \$500/month plus utilities. Call 942-5199 eves/weekends.

HOUSE: Two BRs, furnished, winterized camp on Old Town side of Pushaw Lake. 20-minute drive to campus. W/D, dock, canoe, and picnic table. Jan. 15-Aug. 15. \$525/month plus utilities. Security deposit required. Call 827-0522.

HOUSE: Professor's home in Orono, on quiet, dead-end residential street, 5-minute walk to center of campus. Fully furnished, 4 BRs, 2 baths, W/D, dishwasher, large backyard surrounded by trees. No smokers. Ideal temporary home for new or visiting faculty. Available Dec. 22-May 15. \$750/month plus utilities. Security deposit. Call 866-4070.

HOUSES: Loon Hollow, Orrington. 2 houses for rent - 1 2-BR w/loft; 1 4-BR. Fully furnished, pets negotiable, laundry hookups, non-smokers. On pond, beautiful setting. Short-term tenants welcome. Perfect for visiting faculty and great get-aways. Experience Maine at its most magical. Easy commute to UMaine. Available through June. Call 825-3128 for specifics.

ROOM: Orono, fully furnished room and private bath. \$175/month for mature individual, non-smoker required. No lease. No kitchen privileges; can bring own hot pot, refrigerator. No co-ed visitors. Convenient location by town park, bridge, College Avenue. On bus line. Phone 866-4281 before 7 p.m.

ROOM: Orono, 1 mile from campus. Fully furnished, including refrigerator, microwave, and hot-plate. Share bathroom. No smoking. \$200/month plus electricity. Call 866-4872.

SERVICES

CHILDCARE: UMaine's Children's Center has a limited number of childcare slots for University-affiliated parents, parents with childcare vouchers, and parents enrolled in the Maine Department of Human Services' ASPIRE Program. Since 1974, the Children's Center has been a statewide leader in establishing quality childcare standards, providing safe childcare environments, and training childcare providers. Our operating schedule Monday-Friday, 7:30 a.m.-5:30 p.m., 51 weeks per year, offers continuity of care that other programs following public school vacation schedules cannot offer. If you need childcare and your child is 6 weeks to 7 years old, why look elsewhere? Call 581-4076 for a free preliminary application and program tour.

FOREST SERVICES: Woodchuck Forestry offers a full line of professional forestry services including forest management planning, timber appraisals and sales administration, tree-growth plans and safety training. Call Chuck, 827-3034. Serving forest landowners since 1976.

WANTED

HOUSE-SITTING POSITION: Full-time, 5-year classified University employee

seeking to housesit locally; or to affordably rent a house, duplex, or private living space in a split level home. Excellent references. Desire to move closer to work, also to church and volunteer work in Bangor. Call 732-5322, leave message.

TREE WORK: Tree and stump removal, brush cutting and chipping, tree climbing. Also, storm damage clean-up and pruning of fruit trees, ornamentals, and shade trees. Very reasonable rates. Call Mike, 827-7087.

SURPLUS SALE: The University of Maine offers for sale, on an as-is where-is basis, the following: (4) CRT DATA/VIDEO PROJECTION SYSTEMS, Electrohome mdls 4201 & 3201, 3 years old, excellent condition, projects computer data, graphics and video, \$3500 to \$4500 each; (1) MICROFICHE READER, XL-20, MR-2, \$50; (2) RADIUS PIVOT MONITORS, 15", \$150 & \$200; (1) IBM PROPRINTER, dot matrix, \$20; (1) MAC IISI COMPUTER, no hard drive, \$30; (1) AIR CONDITIONER, G.E. window type, \$100; (1 set) TENNIS TAPE LINES, (clay court, doubles), with measuring tape, spikes and aluminum nails, \$25; (3) BASKETBALL RIMS, \$5.

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. 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.

Outreach Coordinator, Canadian-American Center. Full-time, 9-month, academic year, professional position. Qualifications: Required: Master's degree; experience in outreach programs and grant writing; excellent communication and interpersonal skills; high level of self-direction and organization; knowledge of Canada; ability to travel, usually requiring a valid driver's license, both in- and out-of-state. Preferred: Master's of Education, French bilingual. Salary Range: \$22,000-\$23,500. Review of Applications: Will begin 12/8/97. Start Date: 1/1/98. Contact: Send letter of application, resume, three letters of reference to: Stephen Hornsby, Director, Canadian-American Center, University of Maine, 154 College Ave., Orono, ME 04473.

Communications Coordinator, Franco-American Centre. Ten-month, full-time position (August 15-June 15). Qualifications: Bachelor's degree or equivalent experience; competencies in Franco-American culture and North American French; work experience with Franco-American communities, administration of publications and budgets; and familiarity with personal computer usage and software dealing with desktop publishing, database development and maintenance, Web site maintenance, and word processing. Salary: \$23,000. Review of Applications: Will begin 1/1/98. Start Date: 1/26/98. Contact: Send current resume with cover letter addressing the responsibilities of the position, including names, addresses and phone numbers of three current professional references to: Search Committee, Communications Coordinator, Franco-American Centre, 164 College Ave., Orono, ME 04473-5703.

Manager of Athletic Ticket Services, Department of Athletics. Full-time, fiscal-year appointment. Qualifications: Required: B.A. or commensurate experience. Demonstrated successful management and supervisory skills, including ability to interact with customers, staff and students. Flexible work schedule and evening/weekend work required. Preferred: Experience with computerized ticket sales systems, including paciolan. Review of Applications: Will begin 12/1/97 and continue until a qualified candidate has been identified. Contact: Send resume and letter of application to: Dino Mattessich Sr., Associate Director, 5724 Dunn Hall, Orono, ME 04469-5724.

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.

CENTER FOR STUDENTS AND COMMUNITY LIFE HOPES TO LOCATE PAINTING

The family of Daniel Rossano is asking for the University community's assistance in relocating a painting that was donated in memory of the UMaine junior, who was killed in an auto accident on College Avenue in 1955.

The painting, a 20x27 aquarelle watercolor titled *Forest Light*, is by Vincent Hartgen. The frame is affixed with a brass plate inscribed with the words:

"Gift of the Class of 1956 in Memory of Daniel A. Rossano, Jr."

The painting hung for many years in Alumni Hall and the Memorial Union. Call the Center for Students and Community Life, 581-1406.

Oral Exams

"Systematics of Rubus (Rosaceae)," by Lawrence Alice, candidate for Ph.D. in plant science, 9 a.m., Dec. 1, 113 Hitchner Hall.

"Optimizing Hybrid Larch Rooted Cutting Performance: The Effects of Mist Quantity, Maturation and Sate of Shoot Development on Rooting," by Kyle Peer, candidate for master's degree in forestry, 10 a.m., Dec. 1, 209 Nutting Hall.

"Temporal Genetic Analysis of Atlantic Haddock on Georges Bank," by Maureen Purcell, candidate for master's degree in zoology, 2 p.m., Dec. 1, 102 Murray Hall.

"Eastern Philosophy and Jack Kerouac's Postmodern Poetry," by Christopher Smith, candidate for master's degree in English, 4 p.m., Dec. 1, English Department Reading Room.

"Effects of Sulfur-containing Compounds on the Physical Properties and Flavor Characteristics of Extruded Potato Flakes," by Elif Belbez, candidate for Ph.D. in food and nutrition sciences, 11 a.m., Dec. 2, 14 Merrill Hall.

"Temporal Genetic Analysis of Atlantic Haddock on Georges Bank," by Maureen Purcell, candidate for master's degree in zoology, 2 p.m., Dec. 1, 102 Murray Hall.

"Low-temperature Tolerance and Field Performance Evaluation of Selected *Kalmia*, *Viburnum* and *Magnolia Taxa*," by John Wachter, candidate for master's degree in landscape horticulture, 3 p.m., Dec. 12, 113 Deering Hall.

VOICE

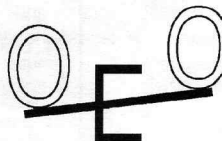
Volunteers In Community Efforts

The holiday season is now upon us and the greater Bangor Area needs more volunteers than ever. The following is a list of volunteer opportunities open to everyone.

- ▼ Manna is accepting gifts for the annual Christmas party in Norumbega Hall Dec. 25. Contact Bill Ray, 990-2870.
- ▼ The Red Cross is sponsoring a gift wrapping booth at the Bangor Mall. Volunteers are needed. Contact Sandy Michels, 941-2903.
- ▼ The Salvation Army needs bell ringers at several different locations. Contact Tom Larcombe, 941-2990. Help also needed at the Angel Tree booth in the Bangor Mall Nov. 28-Dec. 24. The Angle Tree has ornaments with requests from children. Contact Mary McKay, 941-2990.
- ▼ Big Brothers and Big Sisters needs help managing the Festival of Trees booth Dec. 1-14. Local merchants sponsor trees and the community bids on the different trees. All proceeds support the programs of Big Brothers and Big Sisters. Contact Lori Churchill, 941-2862.
- ▼ Make a Wish Foundation is sponsoring a raffle for a play house. Volunteers are needed at the Bangor Mall booth Nov. 24-Dec. 19. All monies help grant wishes to children with life-threatening condition. Contact Kathy Hannon, 827-8565.
- ▼ Crossroads Ministries are collecting money to take a mother of seven children Christmas shopping. Contact Brenda Davis, 394-4655.

SUMMER FACULTY RESEARCH FUND AWARD DEADLINE

REMINDER – The deadline for receipt of applications for the Summer Faculty Research Fund Award is 4:30 p.m., Dec. 17. (Late proposals are not accepted.) The Summer Faculty Research Fund Award provides \$5,000 awards for faculty summer salaries for a minimum of 1.5 months research effort. Approximately 11 awards are expected to be made. Purpose of these funds is to stimulate and assist individual members of the faculty to initiate or redirect research or studies of a scholarly nature. Eligibility is limited to full-time faculty. This includes tenured, tenure-eligible, and soft-money faculty for whom research is an expected component of their appointment. Contact Gayle Anderson, Research and Sponsored Programs, x1498, for application packages.



University of Maine
Office of Equal Opportunity

In the month of December, many members of the University community will be buying gifts, decorating trees, and singing Christmas carols. It is important, however, to remember the diversity contained within our community. The following is a list of some additional religious holidays that occur this month:

Day of Our Lady of Guadeloupe, December 12

Our Lady of Guadeloupe is the patron saint of all Latin America. Legend recounts that in 1533, Juan Diego saw the Virgin Mother on a hill near Mexico City. She instructed him to tell the bishop to build a shrine to her on the site of the vision. In order to persuade the bishop, the Virgin Mother instructed Juan Diego to pick roses on a hillside, where roses could not bloom in December. When Juan presented the roses to the bishop, the image of the Virgin Mary appeared among them. The bishop built the sanctuary as instructed. Many Latin American countries celebrate Guadeloupe Day with festivals and gatherings.

Yalda, December 21

An Iranian holiday, Yalda is the longest night of the year. Light and good are considered to struggle against darkness and evil. With fires burning and lights lit, family and friends gather to stay up through the night to help the sun battle against darkness. They recite poetry, tell stories, and eat special fruits and nuts until the sun, triumphant, reappears in the morning.

Yule, December 21

Also known as Alban Arthran, Yule is a lesser Sabbath (holy day) of the Wiccan year, marking the death of the Sun God and his rebirth from the Earth Goddess. Many other pagan religions attach significance to the winter solstice, the longest night of the year. Common themes are harvest, the triumph of light, and the beginning of a new year or cycle.

Chanukah, December 24 - December 31

Known as the Feast of Lights or the Feast of Dedication, Chanukah is a Jewish festival lasting eight days and commemorates the victory of Maccabees over the Syrian Antiochus in 165 BC. Chanukah marks the redemption of religious freedom and the rededication of the Temple of Jerusalem.

Kwanzaa, December 26 - January 1

Created in 1966 to counteract the commercialization of Christmas, Kwanzaa is an observance of African American families in recognition of traditional African harvest festivals. Kwanzaa stresses unity in the African-American family, culminating in a community harvest feast (karamu) on the seventh day. Kwanzaa means "first fruit" in Swahili.

Ramadan, December 31 - January 28

Ramadan is the ninth month of the Islamic calendar. It is holy because it was during this month that the Holy Qur'an (Koran) was revealed. All adults of sound body and mind fast from dawn until sunset to achieve spiritual and physical purification and self-discipline—abstaining from food, drink, and intimate relations. It is a time for feeling a common bond with the poor and needy, and time for piety and prayer.

Sponsored Programs

U.S. Department of Education invites applications from academic programs offering doctoral degrees in biology, chemistry, engineering, geoscience, and/or physics for FY98 grants of Graduate Assistance in Areas of National Need. Awards provide \$240,000 over three years in need-based fellowships for graduate students of superior ability. Deadline: Jan. 5.

Environmental Protection Agency invites grant proposals for investigator-initiated research in six areas of special interest: Decision-Making and Valuation for Environmental Policy (deadline Jan. 15), Air Pollution Chemistry and Physics, Health Effects and Exposures to Particulate Matter and Associated Air Pollutants (both Jan. 29), Urban Air Toxics (Feb. 12), Ecological Indicators, and Drinking Water (both Feb. 26).

Witter Bynner Foundation for Poetry makes grants for projects that build the audiences for poetry, address or involve poetry translation, or use poetry for educational or therapeutic purposes. Deadline: Feb. 1.

National Science Foundation offers Mid-Career Methodological Opportunity Fellowships to facilitate the development of innovative methods and models for understanding complex social and behavioral science phenomena. Awards cover release time and related expenses for an extended period of study outside the Fellow's current areas of expertise. Deadline: March 1.

International Council of Shopping Centers Educational Foundation requests proposals for applied research related to the shopping center industry. Priorities focus on pricing policies, mergers and bankruptcies, zonal merchandising, entertainment, and commuter retailing. Maximum award: \$10,000. Deadline: March 13.

National Geographic Society's Grants for Research and Exploration support field research in such disciplines as anthropology, archaeology, astronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. Current emphasis is on multidisciplinary projects of environmental relevance. Average award: \$15,000–\$20,000.

For more information, call Research & Sponsored Programs, x1476.

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

The Institutional Animal Care and Use Committee (IACUC) recently revised the Protocol Review Form used for requesting approval for the use of live vertebrate animals in research, teaching, and testing. Contact Gayle Anderson, Research and Sponsored Programs, x1498, to request copies of the new form. Old copies of the form should be discarded (the new copy has an October 1997 date on the last page). We are hoping to have the form available soon to download from the Office of Research and Sponsored Programs Website – <http://www.ume.maine.edu/~spd/index.html>

Look for UMaine's Master Calendar on FirstClass, the Web

The University of Maine Master Calendar can be located on the Web at: <http://www.ume.maine.edu/~paffairs/perspectiveweb/mastercalendar.html>. In addition, the Master Calendar is now available on FirstClass. It is found in two folders – News Stand and Campus Activities.

Register Now For ...

WINTER SESSION AT UMAINE

Earn 3 credits during semester break!

UMaine now offers courses in Anthropology, Education, English, Modern Languages & Classics, Nursing, Political Science, Psychology, Public Administration, Performing Arts, Resource Economics & Policy, and Wildlife Ecology between the fall and spring semesters.

Registration Is Easy: Phone, Fax, E-Mail, Web Site or Stop By the Continuing Education Division in Chadbourne Hall

For additional information contact:

**Continuing Education Division, 122 Chadbourne Hall, Orono, ME
04469-5713; Telephone: 207-581-3142**

Fax: 207-581-3141 • E-Mail: CEDSS@Maine.Maine.Edu

Web Site: <http://www.ume.maine.edu/~ced/lifelongtop.html>

WINTER PARKING RULES IN EFFECT

The winter overnight parking ban is in effect through May 1. All parking areas are closed to overnight parking during this period every year. No vehicles may be parked in these lots midnight–6 a.m. For more information, call the Parking Office, 581-4047, or Public Safety, 581-4040. Vehicles parked in violation of the ban will be towed at owners' expense.

What's Ahead

RECEPTION FOR
DEPARTMENT OF ART
FACULTY EXHIBITION
December 5

OPEN FORUM ON THE
FUTURE OF THE
CAMPUS WEB
December 10

SKATE WITH THE BEARS
December 14

FINAL EXAMS
December 15-19

Maine Perspective

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