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Cohen donates his Defense Department papers



Secretary of Defense William Cohen at his tribute dinner Jan. 12.

Photo by Michele Stapleton

Secretary of Defense William Cohen, who is leaving President Clinton's cabinet this month after 28 years in national politics, has donated the papers from his four years in the Pentagon to the University of Maine.

The donation was formally announced at UMaine's tribute dinner for Cohen Jan. 12 at Norumbega Hall in Bangor, Cohen's hometown. The University of

Maine Foundation coordinated the event where, in one of his last public appearances as secretary of defense, Cohen reflected on his public career, and the nation's future and its place in the world.

The papers from Cohen's four years in the Clinton cabinet will be added to those from his 24 years in Congress, which were donated to UMaine when Cohen left the U.S. Senate in 1996. They are housed at Fogler Library, the state's largest library and its designated research library.

Unlike the first donation of papers, which included notes, speeches, official correspondence, legislative documents, photos and news articles that arrived in 1,700 boxes, the latest donation of more than 70,000 documents came to UMaine on 12 CD-ROMs.

"This latest donation by Secretary Cohen underscores his commitment to the University and to the people of Maine," UMaine President Peter Hoff says. "The secretary has had a long relationship with UMaine, one he intends to continue after he concludes his distinguished public career. And by sending his Defense Department papers to this, the state's flagship university, Secretary Cohen is reiterating symbolically his belief that his public papers should remain in the public domain."

An archivist at Fogler Library recently completed two years of work cataloging materials and

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University strategically planning for an era of 'unlimited possibilities'

UMaine's five-year strategic plan is now in its campuswide discussion phase, with the final goals, and the policies and actions to implement them, expected by semester's end.

Areas of focus include emphasis on graduate education and international programs, and a University-wide initiative in information science to benefit instruction and research, as well as enhance UMaine excellence and recognition. These and other programs, including the establishment of an Honors College as early as the next academic year, are part of the commitment to provide students with a world-class educational experience at UMaine.

Members of the University community are asked to submit feedback on the strategic plan to the Provost's Office by Feb. 15.

"Such initiatives based on the strategic plan emphasize the quality and unique opportunities students, faculty and staff have at the University of Maine relative to any other institution of higher education in the state," says Robert Kennedy, vice president for academic affairs and provost, who issued the first draft of UMaine's 2000-05 strategic plan. "The initiatives also serve as tools for recruitment and retention."

The philosophy driving the strategic plan is based on the rapid changes now occurring in higher education, as well as in society, Kennedy says. The University's strategic plan outlines the steps and measures to move the institution and the state toward greater collaboration, leadership, initiative and achievement in an era of unlimited possibility.

In 1998-99, BearWorks defined goals and tactically repositioned the University. This strategic

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In Perspective

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



UMaine in the midst of its largest capital improvement effort

Bad weather, a tight labor market in construction and reconsideration of the plan for the dining area of the Memorial Union addition have caused the facility's renovation and expansion project to fall two months behind schedule.

As a result, food service expected to be available in the new section of the Union this month will be available mid-March, according to the project's general contractor, D.L. Poulin Inc., in a letter signed in November.

Completion of the \$12.5 million Memorial Union project is now expected to be the middle of the fall 2001 semester.

"We lost time but no money," says Vice President for Finance and Administration Bob Durringer. "The construction company has been involved in a slowdown due to weather conditions this winter and the tight labor market."

Durringer added that another factor was a review of various food service options for the Union, resulting in a decision to move forward with the market place-style dining area originally recommended for the new portion of the Union.

The change in completion deadlines means that this semester, students will pay half of the student-approved fee of \$3.50 per credit hour that was set to begin this semester. The fee pays for the student-funded portion of the new addition to the Memorial Union. While students will pay \$1.75 per credit hour for what is expected to be a half-semester of access to food service in the Union, the University Bookstore and Dining Services will each pay \$200,000 toward the

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University Plays Pivotal Role in Successful Reading Program

The University of Maine is joining the state in marking the 10th anniversary of Reading Recovery in Maine schools. Beginning with little more than a resolve to give every child a solid foundation in literacy, the Maine Department of Education, the College of Education and Human Development, and schools throughout the state have built a partnership that has trained hundreds of highly specialized teachers and served more than 13,500 children.

The Reading Recovery program, which has grown every year since its inception, now is provided in about 45 percent of Maine schools.

Reading Recovery is an early intervention program for first graders at risk of failing to learn to read. The intensive, one-on-one instruction is designed to accelerate literacy growth so that children with difficulties catch up with their peers within 20 weeks and learn with regular classroom instruction, without further remedial work.

Developed, tested and nationally adopted in New Zealand in the 1970s and early '80s, Reading Recovery was introduced to the United States in 1984 by researchers at Ohio State University.

Recognizing the need to bring Reading Recovery to Maine, the state and the college in 1990-91 acted to develop and implement the highly structured professional development and strategic instruction system. This continuing shared commitment to early literacy has provided the expertise and energy to earn Maine and the University national recognition as leaders in Reading Recovery training, program delivery and assessment.

Dean Robert Cobb paved the way to establish an approved Reading Recovery Teacher Leader Training Center at UMaine to oversee the training of teachers and delivery of registered Reading Recovery services. In 1992, UMaine was one of only 16 such centers in the United States; today it is one of 24.

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A map generated by Facilities Management highlights the major capital improvement projects in progress or planned across the UMaine landscape. Beginning at the upper left and moving counter clockwise, they are: the student housing complex; Advanced Engineered Wood Composite Center's lumber storage facility, now under construction, and future expansion for lab and graduate student space; proposed expansion of Neville Hall; the engineering and science research complex; Aubert Hall renovation; Memorial Union expansion and renovation; and Hitchner Hall expansion and renovation.

Illustration provided by Claude Junkins

MAINE PERSPECTIVE PUBLISHING SCHEDULE

Publication dates and deadlines for spring issues of *Maine Perspective*:

Feb. 5 (copy deadline Jan. 26); Feb. 19 (copy deadline Feb. 9);
March 5 (copy deadline Feb. 23); March 26 (copy deadline March 9);
April 9 (copy deadline March 30); April 23 (copy deadline April 13);
May 7 (copy deadline April 27).

MAINE Perspective

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Calendar

<http://calendar.umaine.edu>

MAINE

All events are free and open to the public, unless 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: The University of Maine Master Calendar, Public Affairs. For the most up-to-date calendar listings, see <http://calendar.umaine.edu> or call 581-3745.

JANUARY 26 – FEBRUARY 9

26 Friday

Greek Information Day, 9 a.m.-4 p.m., Jan. 26, Wells Conference Center. x1793.

Opening Reception for *Antonyms*, the Department of Art Faculty Exhibition, 5-7 p.m., Jan. 26, Carnegie Hall. x3255.

27 Saturday

Men's Basketball: UMaine vs. Delaware, 7:30 p.m., Jan. 27, Alford Arena. Admission Fee. xBEAR.

Performance by Violinist Eileen Ivers, part of the Maine Center for the Arts performance season, 8 p.m., Jan. 27, Hutchins Concert Hall, Maine Center for the Arts. Admission Fee. x1755.

28 Sunday

Kayak Rolling Pool Clinic, a Maine Bound program, Jan. 28, Wallace Pool. Preregistration required. Admission Fee. x1794.

Faculty Recital by Phillip Silver, part of the School of Performing Arts season, 2 p.m., Jan. 28, Minsky Recital Hall. x1755.

29 Monday

Brown Bag Discussion Series, 12:15-1 p.m., Jan. 29, Bangor Lounges, Union. x1793.

30 Tuesday

"Success with Backyard Apple Production," by Gleason Gray, part of the Page Farm and Home Museum Brown Bag Lunch series, noon, Jan. 30, Page Farm and Home Museum. x4100.

"Marked Bodies: Women and Tattoos," by Laurie Hicks, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Jan. 30, Bangor Lounge, Union. x1228.

Performance Featuring Mike McFarland Acoustic Music, part of the Java Jive Music Series, 8-10 p.m., Jan. 30, Bangor Lounge, Union. x1793.

31 Wednesday

University of Maine Career Fair featuring more than 130 employers, 10 a.m.-3 p.m., Jan. 31, Alford Arena. x1359. For details, see the Career Fair Web site (http://130.111.62.169/career_fair2001/).

Faculty Senate Meeting, 3:15 p.m., Jan. 31, Mahogany Room, Wells Conference Center. x1167.

Magic School Bus - Arnold's Favorite Field Trip, part of the Maine Center for the Arts performance season, 6:30 p.m., Jan. 31, Hutchins Concert Hall. Admission Fee. x1755.

Down in the Delta, part of the Cinematique Film Series, 7 p.m., Jan. 31, Devino Auditorium, Corbett Business Building. Admission Fee. x1793.

Games Night: 8 Ball Tournament, 7-8 p.m., Jan. 31, Billiards Room, Union. x1793.

February

1 Thursday

"The Militarization of Space: Star Wars and the Bush Administration," by Sister Ardeth Platte and Sister Carol Gilbert, Plowshares activists of Jonah House, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Feb. 1, Bangor Lounge, Union. x3860.

"Aesthetics and Ethics in Art Education," by Sally McRorie, professor of art education, Florida State University, part of the Department of Art Guest Lecture Series, 7 p.m., Feb. 1, 202 Carnegie Hall. x3245.

Hearts and Minds, part of the Peace and Justice Film Series, 7 p.m., Feb. 1, 100 Neville Hall. x3860.

2 Friday

Maine State Leadership Cooperative Student Leadership Institute, Feb. 2, Union. x4183.

Performance by the Karel Lidral Trio, part of the TGIF Jazz Music series, noon-1 p.m., Feb. 2, Bangor Lounges, Union. x1793.

"Heightened Free Radical Dissipation Ability in a Diabetes-Resistant Mouse Strain," by Edward Leiter, senior scientist at The Jackson Laboratory, offered by the Department of Chemistry, 2 p.m., Feb. 2, 316 Aubert Hall. x1172.

Women's Basketball: UMaine vs. Hartford, 7:30 p.m., Feb. 2, Alford Arena. Admission Fee. xBEAR.

Dropping Courses for Refunds Ends, Feb. 2.

3 Saturday

Maine State Leadership Cooperative Student Leadership Institute, Feb. 3, Wells Conference Center. x1793.

Mytholojazz, a one-man show by musical storyteller David Gonzalez, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 3, Hutchins Concert Hall. Admission Fee. x1755.

Faculty Recital by Pianists Laura Artesani and Ginger Yang Hwalek, part of the School of Performing Arts season, 7:30 p.m., Feb. 3, Minsky Recital Hall. Admission Fee. x1755.

4 Sunday

Kayak Rolling Pool Clinic, a Maine Bound program, Feb. 4, Wallace Pool. Preregistration required. Admission Fee. x1794.

Maine State Leadership Cooperative Student Leadership Institute, Feb. 4, Wells Conference Center. x4183.

Faculty Recital by Suzanne George, part of the School of Performing Arts season, 2 p.m., Feb. 4, Minsky Recital Hall. Admission Fee. x1755.

Men's Hockey: UMaine vs. New Hampshire, 4 p.m., Feb. 4, Alford Arena. Admission Fee. xBEAR.

5 Monday

"Winter Blues? Get Over It!" part of the Brown Bag Discussion Series, 12:15-1 p.m., Feb. 5, Bangor Lounge, Union. x1793.

6 Tuesday

Performance by David Grimm, part of the Java Jive Music Series, 8-10 p.m., Feb. 6, Bangor Lounges, Union. x1793.

7 Wednesday

"Thoughts on Mary McLeod Bethune's Ideas on Integration and Democracy," by Carolyn Bennett, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Feb. 7, Bangor Lounge, Union. x1228.

National Student Exchange Information Meeting, learn more about undergraduate off-campus study in the U.S. for a semester or year through the National Student Exchange Program, offered by the Office of International Programs & National Student Exchange, 2:30-6 p.m., Feb. 7, North Lown Room, Union. x2905.

Butterfly, part of the Cinematique Film Series, 7-9 p.m., Feb. 7, Devino Auditorium, Corbett Business Building. Admission Fee. x1793.

8 Thursday

Free Heeled Telemark Skiing, a Maine Bound course, Feb. 8-22, Herman Mountain. Preregistration required. Admission Fee. x1794.

"The Palestinian Intifadah," by Alex Grab, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Feb. 8, Bangor Lounge, Union. x3860.

Carmen, presented by London City Opera, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 8, Hutchins Concert Hall. Admission Fee. x1755.

Global Village or Global Pillage, part of the Peace and Justice Film Series, 7 p.m., Feb. 8, 100 Neville Hall. x3860.

9 Friday

Performance by Sean Ociepka, part of the TGIF Music series, noon-1 p.m., Feb. 9, Bangor Lounges, Union. x1793.

Women's Ice Hockey: UMaine vs. Niagara, 7 p.m., Feb. 9, Alford Arena. xBEAR.

The Maine Event: Karaoke Night, 9-11 p.m., Feb. 9, Bangor Lounge, Union. x1793.

Winter Carnival February 12-18

For the latest schedule of events planned for the week, see the

Winter Carnival Web site (www.umaine.edu/campusevents).

For more information, contact Lauri Sidelko, Campus Activities and Events, 581-1734.

Ongoing Events

Exhibits/Demonstrations/Tours

Antonyms: Department of Art Faculty Exhibition, a Museum of Art exhibit, Jan. 26-March 24, Carnegie Hall. x3255.

Ustamdan Ogrindim, "I Learned From My Master"; Traditional Turkish Occupations, a Hudson Museum exhibit of photographs and objects, through June 3, Maine Center for the Arts. x1901.

Entertainment

Cabaret, part of the School of Performing Arts Season, 7:30 p.m., Feb. 23-24 and March 1-3; 2 p.m., Feb. 25 and March 4. Admission Fee. x1755

Meetings of Groups/Organizations

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

Food for Thought Series, the first Wednesday of each month, noon-1 p.m., FFA Room, Union. x1392.

Foreign Language Tables, Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish; Friday - Irish, 207 Little Hall. x2073.

Gay/Lesbian/Bisexual/Transgender/Questioning Discussion Group, meets every Monday, 6 p.m., Old Town Room, Union. x1793.

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

Maine Peace Action Committee (MPAC), meets every Monday, 3:30-5 p.m., Maples Building.

Center Stage

School of Performing Arts

A musical journey

A jazz suite by a Czech composer who died in the Holocaust, and a piano sonata secretly written by a German musician after witnessing a death march of concentration camp prisoners, will be featured in a faculty recital by pianist Phillip Silver on Sunday, Jan. 28.

The 2 p.m. concert in Minsky Recital Hall is characterized as a musical journey. It begins with the *joie de vivre* of an early Beethoven sonata for piano and cello. Joining Silver will be cellist Noreen Silver.



Phillip Silver
Photo by Monty Rand

The work *Jazz-Like*, which is based on dance movements, was written in 1925 by Erwin Schulhoff. The Czech composer wrote operas, symphonies and chamber music, but his first love was jazz. He died in Wülzburg Concentration Camp in 1942.

Silver will perform Ravel's *Chansons madecasses* with soprano Nancy Ogle, flutist Elizabeth Downing and cellist Noreen Silver. The song cycle is considered one of Ravel's most crucial, atypical works.

The program will end with a piano sonata by German composer Karl Amadeus Hartmann. Living in Germany during the Hitler years, Hartmann opposed the regime by secretly composing anti-fascist works. After World War II, his compositions surfaced, including this sonata subtitled *27 April 1945*, written after Hartmann witnessed a death march from Dachau Concentration Camp.



Ginger Yang Hwalek and Laura Artesani
Photo by Monty Rand

One piano, four hands

Pieces written originally for piano four-hand, representing several different countries and musical styles, will be performed by Laura Artesani and Ginger Yang Hwalek in a faculty recital Saturday, Feb. 3.

The concert by the School of Performing Arts instructors in music will begin at 7:30 p.m., Minsky Recital Hall.

Artesani and Hwalek chose pieces that showcase the sounds and vast musical variations made possible by doubling the number of fingers on the keyboard. Many of the pieces on this program are classics in four-hand repertoire.

Works by Dvorak, Mozart, Casella, Saint-Saens, Debussy, Dello Joio and Brahms will be featured.

Outdoor ice skating rink available

UMaine's Polar Bear Skating Rink, also known as The Berg, is ready for use by outdoor ice skating enthusiasts. Located in the recreational sports field west of Lengyel gym, the rink is open for skating 24 hours a day, seven days a week (except during maintenance). No admission fee is charged.

The Polar Bear Skating Rink is supported in part by Student Affairs, Student Government, Facilities Management, Rec Sports and the Comprehensive Fee. It is maintained by members of the UMaine Polar Bears.

Alternative Spring Break growing in popularity among students

This March, 40 students and other members of the University community will spend half their spring break working with health-care agencies or youths in need in three states and the nation's capital.

UMaine's fourth annual LET'S Volunteer Alternative Spring Break, March 10-17, involves students and advisors travelling by van or bus to four Break Away sites to work with: Metro TeenAIDS in Washington, D.C.; Gay Men's Health Crisis in New York City; Tara Hall Home for Boys in Georgetown, S.C.; and Save Our Sons and Daughters in Detroit, Mich. The latter, a non-profit group dedicated to creating positive alternatives to teen violence, has been a UMaine ASB site for the past two years. The other three are new venues for UMaine's corps of volunteers.

This year for the first time, there is a waiting list of UMaine students hoping also to participate in LET'S (Learning and Exploration Through Service) Volunteer Alternative Spring Break.

"This program has the potential to change the lives of those who volunteer," says Erin Vandever, a sophomore in sociology and Alternative Spring Break coordinator. "I know of students who, as a result of their experiences, have changed their majors after deciding to pursue more service-oriented careers in the future."

Last year, Vandever was one of the volunteers who went to the Rosemont Center, a youth residential treatment facility in Columbus, Ohio. In addition to helping inner city youths, Vandever says "I learned a lot about myself, about society and aspects of life. I learned we are all connected, and this is one way of reaching out."

To participate in Alternative Spring Break at UMaine, a chapter of the national non-profit organization Break Away, students must invest time and energy throughout the weeks leading up to the trips, according to Martha Eastman, coordinator of student community service and volunteer programs. They must commit to the principles of the intense program, which is alcohol and drug free, as well as the intensity of hands-on community service in a foreign venue.

What participants learn most, says Eastman, are skills involved in problem solving, flexibility, sharing and openness.

Thirteen of this year's student participants are returning for a

second Alternative Spring Break experience. They include four site leaders: Vandever, Danielle Mador, Kathleen Sprague and Sara Stetson. Also providing leadership are John Maddaus, associate professor of education; Shontay Delaluc, admissions counselor; Andrew Matlins, assistant dining service manager; and graduate student Nathan Larlee. New to ASB this year is co-site leader Courtney Mills.

Participants each pay \$75 to cover transportation costs. From now until they depart, LET'S Volunteer members will hold fund-raising events to offset the up to \$4,000 required for travel, food and accommodations during the weeklong stays at each of the sites. ▲

Look Who's On Campus



Sally McRorie, chair of the Department of Art Education at Florida State University, will speak on "Aesthetics and Ethics in Art Education" at 7 p.m., Thursday, Feb. 1 in 202 Carnegie Hall. McRorie also is co-director of the Florida Institute for Art Education. Though she is best known for her research and writings on the importance of aesthetic inquiry among children, McRorie has published extensively in the areas of aesthetic and critical theory, feminist inquiry and contemporary art. She also has considerable experiences with the Institute for the Advancement of Philosophy for Children and the International Council for Philosophical Inquiry.

Gallery Glimpses

Antonyms in art

Signature works and their artistic antonyms by some of the leading artists in the state will be the focus of this year's Department of Art faculty exhibition at the Museum of Art.

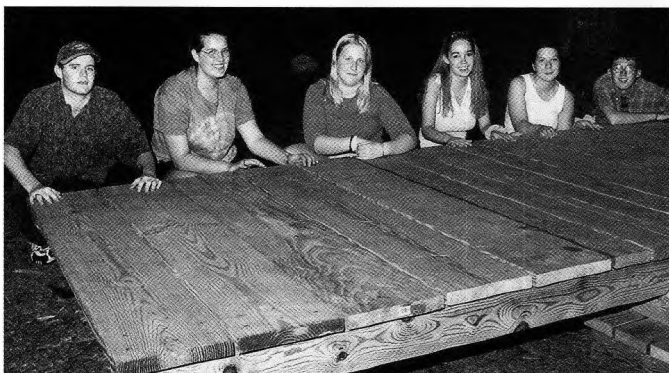
The annual faculty art show at the University has always sought to articulate the unifying values and spirit central to the Department of Art. This year's show, *Antonyms*, emphasizes the productive conversations among the contributors. It also invites visitors to rethink how they conceive, view and understand group shows.

Antonyms opens with a reception from 5-7 p.m., Friday, Jan. 26. The exhibit will be on display through March 24.

For the exhibition, each of the more than 20 participating faculty members will contribute two works. On the second floor of the museum, the artists will exhibit pieces that are representative of their current conceptual focus and aesthetic style. On the first floor, each artist will be represented by a work that is "atypical" for him or her in its medium, process and/or concept.

The works in the first-floor gallery will offer a very different model for understanding the faculty's creative interests. The pieces will be unidentified. The faculty members have chosen to remain anonymous so that visitors can explore the works without any preconceptions that labels foster.

Faculty members exhibiting in this year's show include: Thomas Botkin, David Decker, Michael Grillo, Susan Groce, Wayne Hall, Jay Hanes, Vincent Hartgen, Laurie Hicks, Nina Jerome, MaJo Keleshian, Brooke Knight, Cher Knight, Michael Lewis, James Linehan, Wally Mason, Andy Mauery, Cristin Millett, Ed Nadeau, Judith Sasso-Mason, Owen Smith, Alan Stubbs, Eleanor Weisman.



Members of the Public Service Group of Upward Bound are responsible for construction of one of the newest features at Maine Bound's ropes course – a 6-foot x 12-foot wheelchair-accessible "Whale Watch" obstacle. Whale Watch – a teeter-totter type platform – is designed to build team work, improve communication and develop trust among participants. Construction of the ropes course obstacle for persons with disabilities was one of several public service projects accomplished last year by Upward Bound. Pictured here with the Whale Watch are, left to right, Matt Tourgee of Etna, a Nokomis High School graduate now at UMaine; Rebecca Norris of Corinna, a Nokomis student; Allison Grant from Foxcroft Academy in Dover-Foxcroft; Amanda Jameson from Stearns High School in Millinocket; Danielle Pelletier from Medway, a student at Schenck High School; and Richard Veysey from Mattanawcook Academy in Lincoln.

People in Perspective

Arthur Weymouth was 23 when he joined the University community in 1975. The Greenfield native had worked in construction and at the paper mill in Old Town before taking a part-time job in the Grounds Shop.

He knew the University because his father, Harvey, had worked in Grounds since 1964. Harvey Weymouth retired from UMaine in the early '90s.

"I came to the University thinking the job would be a stepping stone," says Weymouth. "But I've felt comfortable here. I haven't had to travel far and the 7-3 job, 3-11 in the winter months, gives me time to pursue my other interests."

Those interests once included helping plow snow for Greenfield. Three years before coming to UMaine, he got his first early-morning call to help plow the roads of his hometown. The biggest challenge? Road hazards – like mail boxes.

Weymouth admits that one or two mailboxes were buried when he first learned to plow for the town. He quickly learned that the faster you plow, the greater the odds that you'll hit something other than snow and ice. When plowing, he says, it's important that there is "no great rush."

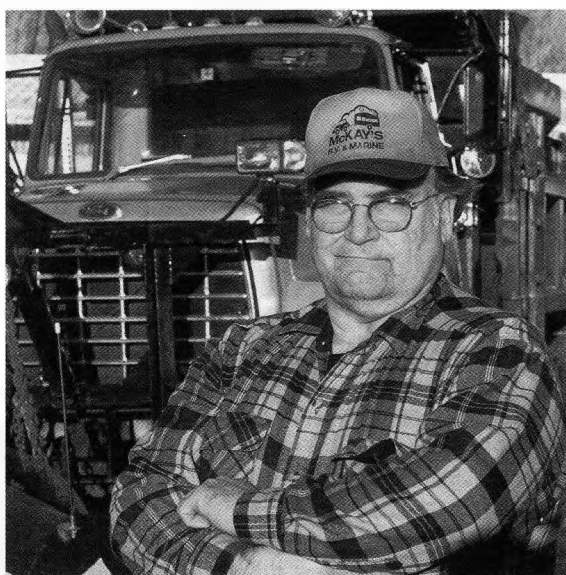
On campus there aren't any mailboxes, but there are many people, making UMaine more comparable to a small city than a rural community, says Weymouth. "There is much more pedestrian traffic," he says. "After 3 in the afternoon, there's so much pedestrian traffic you might as well pull off to the side of the road and wait."

His first winter on campus, Weymouth was tapped to plow snow. He began working full time, and became one of 33 in the Grounds Shop who, in the winter months, dedicated much of their efforts to snow removal.

Weymouth first cleared sidewalks using a pickup truck with a plow. Two years later, he was driving a 5-ton truck equipped with a 12-foot plow and 11-foot wing. He has been a special equipment operator since 1980.

"I really liked plowing when I started. There was the thrill of using the equipment, the challenge. Now it's not a challenge," says Weymouth. "I've done it all – from plowing roads to sidewalks and parking lots."

"We even received a Pat on the Back award in the (UMaine President Arthur) Johnson administration for our snow removal efforts."



Arthur Weymouth

Photo by Monty Rand

Weymouth has a certain plow route he follows when clearing campus roadways. He also has his own way of plowing, depending on the consistency of the precipitation.

"Wet snow leaves a neater job because it stays together, compared to the fluffy snow that flies back, no matter how much you plow," he says. "The ice storm of '98 was the worst because it couldn't be plowed. It was a nonstop storm and it was like plowing marbles."

"During one storm in the '70s, it snowed nonstop and I stayed here for three days."

No matter when the storm begins, the majority of plowing occurs at night when pedestrian and vehicle traffic is at a minimum.

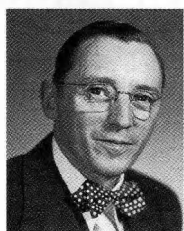
"Parking lots are hard when people don't move their cars," Weymouth says. "In the worst storms, they don't want to come out to move their vehicles and I don't blame them. But I also can't plow."

Weymouth and the 12 other members of the Grounds Shop with snow plowing responsibilities know that everyone "looks at storms differently." That also means people have different expectations about how snow removal should be done.

"Resident hall lots are plowed last, which causes complaints from students who want to get out right away. What everyone needs to realize is that campus has doubled in size since 1975 when we had 33 people here to plow out campus. And this place never closes. It now takes a three-day stretch to clear the campus after the last big snowfall."

Weymouth figures snow plowing always will be part of his life, even in retirement. "Being born and raised in Maine, winter is no big deal," he says. "(Plowing is) what I know how to do, and I'll never get away from it."

Faces Behind the Places



presented him with an honorary degree.

Mark Shibles served as head of the College of Education for 24 years. Shibles was the first chair of the School District Commission, formed under the terms of the Sinclair Act, and was instrumental in the consolidation of small school systems into today's School Administrative Districts. On campus, Shibles also served as director of Summer Session. In 1971, UMaine



William Wingate was appointed to the Board of Trustees by Gov. Joshua Chamberlain in 1867, serving as Board president from 1879-1883. Wingate was influential in establishing the University, overseeing an ambitious period of construction on campus. He was a prominent member of nearly every University building committee and an adviser in University policy.

Applications due for 21st annual WIC/WST summer grants

For the 21st year, summer grants to faculty will be available from the Women in the Curriculum and Women's Studies Program.

The grant program began in 1981 with seed money from President Paul Silverman. After the first year, the entire program was funded for four years by a \$205,000 grant from the Women's Educational Equity Act Program.

The original goal of the curriculum transformation grants was to move the University toward a gender-balanced curriculum — that is, one which focuses no less upon the contributions, perspectives, values, and needs of women than of men, according to Ann Schonberger, WIC/WST Program director. That type of grant continues to be the backbone of the grants program.

To those were added research grants, supporting the production of new knowledge in Women's Studies, and grants to improve the academic climate for women students, especially in disciplines in which historically they have been underrepresented. Most recently, the program added grants for programs of focused reading for faculty just beginning their contact with an area of disciplinary or interdisciplinary Women's Studies scholarship.

Although the WIC/WST Program is housed in the College of Liberal Arts and Sciences, grants are available to faculty in all colleges, as well as Cooperative Extension. Faculty who are not on tenure track, but have continuing appointments, are eligible. Nonfaculty whose participation is essential to the success of the project may be included on teams, as long as at least one faculty member is centrally involved.

This year, more than \$14,000 is available to individual faculty members or teams. The maximum available for regular grants has been raised to \$3,000; \$6,000 for grants with a substantial impact on an entire department. Brief intents to plan or preliminary proposals are due Feb. 2; final proposals March 5. For a copy of the grant guidelines, contact Chris Halsted, x1228, or visit the WIC/WST Program Web site (www.umaine.edu/wic/). To discuss your ideas, contact Ann Schonberger, x1228.

Faculty should watch their mail for the WIC/WST newsletter that contains articles on the 1999 grant recipients (now finished with their projects), and other material of use in curriculum development and revision.

Summer 2000 Grants

Seven faculty members received summer grants totaling \$10,500 from the WIC/WST Program for summer 2000:

Carolyn Bennett, Assistant Professor of Journalism and Mass Communication, "Mary McLeod Bethune's columns in *The Chicago Defender*: Historical Contexts." A research grant.

Steven Evans, Assistant Professor of English, "Editing a Specific Issue of Differences: A Journal of Feminist Cultural Studies, on the Emergence of a Feminist Avant-Garde." A research grant.

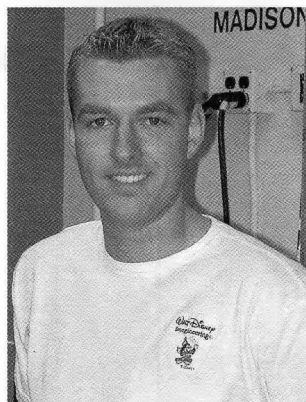
Benjamin Friedlander, Assistant Professor of English, "The Centrality of Women's Experience in the *Culture of Sensibility*." A reading grant.

Karen Horton, Assistant Professor of Mechanical Engineering Technology, "Developing a Loom Room in the School of Engineering Technology." An academic climate grant.

Naomi Jacobs, Professor of English, "Course Development for Women's Studies 410: Feminist Theory." A curriculum grant.

Phillip Silver, Assistant Professor of Music, "Research into the Life of Alma Rosé," (who formed and directed the women's orchestra at Auschwitz). A research grant.

Nathan Stormer, Assistant Professor of Communication, "Revision of a Course in Rhetorical Theory: Increasing the Presence of Women in the Tradition." A curriculum grant. ▲



Anthony Driscoll Photo by Monty Rand

Imagineering

A UMaine graduate in electrical engineering technology is turning his educational experience into a job as an "Imagineer" with the Walt Disney Corp. in Glendale, Calif. The company depends on its "Imagineering" division to create theme parks, regional entertainment venues and new media projects.

Anthony Driscoll graduated in December and will start his new job in February. He grew up in Windham and at one time consid-

ered becoming an illustrator or an animator. "I've always loved everything Disney," he says. "The Imagineering slogan is, 'we make the magic,' and that's very true."

During his years at UMaine, Driscoll found ways to combine his creative interests with engineering. For his senior project, he designed and built a desktop device to measure the relative efficiency of incandescent and LED lighting. Using a hand crank, he could deliver a charge to a battery that powered either the standard light bulb or the LED light. He found that the LED was about 3.5 times more efficient than a standard bulb in delivering an equal amount of light.

Driscoll comes from a family of engineers. His father owns an electrical contracting company and his brother has a master's degree in engineering. Driscoll says he has enjoyed the traditional education he received at UMaine, but has always looked for new ways to approach the trade.

Midway through his program, he read Disney CEO Michael Eisner's book *Work in Progress*. "That inspired me to write to the company about working in the Imagineering internship program," he says. "I was extremely excited when I got a call a few weeks later from the human resources department."

Driscoll was offered a slot in the competitive program and spent last summer working in the Walt Disney Imagineering studios in Glendale. His colleagues included student engineers from the University of California at Berkeley, UCLA and Carnegie-Mellon.

"The engineers work alongside the designers, artists and other idea people," says Driscoll. "They are responsible for everything that you see — and don't see, for that matter — in the parks and resorts. The work space is great. You never know what you might see when walking through the halls. There's everything from storyboards to full-scale mockups of new attractions. It's a great environment."

During his internship, Driscoll worked on a variety of projects from Web design to control systems using programmable logic controllers, devices that direct sequential operations in machines.

Driscoll says he won't miss the cold Maine winters, but he wonders if Southern California, a mountainous desert environment marked by multi-lane highways and sprawling development, isn't a bit of a fantasy land itself. "They bring in their water from the Colorado River hundreds of miles away, and the five-lane freeways are bumper to bumper. It's an amazing place," he says.

Walt Disney Imagineering is currently working on designs for four new theme parks scheduled to open at different locations around the world within the next five years.

In addition to his engineering degree, Driscoll graduated with a minor in business administration. ▲

Pets and People

Growing up as an only child, Chantelle Haltizer would sometimes look to her pets for companionship and a sympathetic ear. Those childhood friendships sparked an interest in human-animal interaction that has continued throughout her life.

As a graduate student in human development, Haltizer is studying whether such relationships can have a beneficial effect on the health and emotional well-being of the people and animals involved.

Past studies have shown the beneficial medical effects of having animals. However, most of those studies have focused on relatively isolated populations, such as single people living alone, childless couples and the elderly.

"Few studies have looked at a population where people have jobs, spouses and children," she says. "I'm interested in looking at this population to see if there is a similar outcome to studies that have been done on those isolated populations."

Haltizer expects to defend her thesis, "Four-Legged Friend or Member of the Family: How Pet Ownership Influences Quality of Life," this spring.

"Animals inspire me," says Haltizer, who grew up in Gorham. "They are very compassionate creatures and for most people, they provide a way to be themselves."

A loving relationship between an owner and his or her pet has to work both ways, says Haltizer, who addresses the issue in her study.

"I hope that by doing this (research), I'll raise awareness of the need for people to take care of their animals and realize those animals need companionship as well," says Haltizer. "(For example,) the worst thing anyone can do to a dog, who is a pack animal, is put it out on a chain and deny companionship."

In her study, Haltizer sent 1,200 e-mail messages to randomly selected members of the University community, asking them to fill out a survey that measures both their relationships with their pets and quality of life.

"My main hypothesis is that the more love and the closer the relationships people have with their pets, the higher their quality of life," says Haltizer who, under the direction of Professor of Human Development Robert Milardo, took surveys on love and closeness that were written for human relationships and applied them to pets and their owners.

Questions in the survey include how much influence pets have on owners' thoughts, feelings and behavior, and the depth of feeling people have for their pet.

Haltizer received a bachelor's degree in sociology and a minor in history from UMaine in May 1999. The next month, she was named assistant editor of the *Journal of Marriage and the Family*, a quarterly publication of the National Council on Family Relations that is edited by Milardo. When she completes her master's degree, Haltizer hopes to apply her research by opening an animal sanctuary where animals will be available for therapy purposes.

"I want to help both domestic and wild animals, and incorporate animal-assisted therapy," she says. "I know these seem like big plans, but this is something I take very seriously and hope to incorporate in my life somehow. This is more than just a thesis to me." ▲



Chantelle Haltizer

Photo by Monty Rand

Presidential Public Service Achievement Award

Since 1982, in recognition of the mission of public service at the University of Maine, the President has annually presented the Presidential Public Service Achievement Award to an individual University of Maine faculty or professional staff member in a teaching, research, and/or public service unit who has demonstrated distinguished achievement in public service.

Public Service is the application of the special knowledge and skills associated with one's professional life at the University of Maine to enhance the public good, whether through public education, direct assistance in specific situations, or long-term commitment toward achieving particular public service goals. Hence, the definition excludes some forms of "community service," such as serving as a scout leader or participating in other service activities that do not necessarily require one's professional expertise or specialized knowledge of the University. However, this definition is meant to include service that advances the effectiveness of or contributes to the mission of the University even if it doesn't require the discipline-specific expertise of the nominee.

Nomination materials may be obtained by contacting Carole Gardner in the Provost's Office, 201 Alumni Hall, x1617, or on FirstClass.

Deadline for nominations is March 1.

VOICE wishes to thank those members of the University community who contributed to our Warm Clothing Drive. Thanks for the donations of coats, hats, mittens and other items for Shaw House and the Salvation Army. We are continuing this drive through January. Donations for the Warm Clothing Drive can be brought to the VOICE office, 229 Alumni Hall, or deposited in the designated collection box in the Union lobby.

CENTER FOR TEACHING EXCELLENCE

The Center for Teaching Excellence, 212 Crossland Hall, is a resource for faculty at the University of Maine. Our mission is to promote continuing improvement in the quality of teaching and learning at UMaine.

(www.umaine.edu/teaching)

TEACHING LINKS

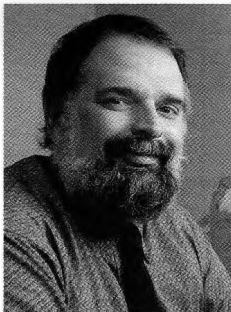
As a follow-up to our Jan. 18 conference on active learning, the following sites may be useful:

<http://www2.ncsu.edu:80/unity/lockers/users/f/felder/public/>
Richard Felder of Chemical Engineering at North Carolina State has a home page that links to numerous papers he has co-authored on active learning in college science and engineering courses.

<http://curriculum.calstatela.edu/faculty/dpaulso/active/>
Donald Paulson (Chemistry and Biochemistry), and Jennifer Faust (Philosophy), offer a fairly comprehensive page on active learning for the college classroom. The authors give background information and definitions and techniques, including individual exercises and critical thinking motivators.

<http://ublib.buffalo.edu/libraries/projects/tlr/active>
This site lists articles such as "What Is Active Learning?" which links to other articles on active learning.

New state climatologist can be found in UMaine's Institute for Quaternary and Climate Studies



Gregory Zielinski
Photo by Monty Rand

The Maine State Climate Office has been established in UMaine's Institute for Quaternary and Climate Studies to provide information to the public about weather and climate in Maine.

Gregory Zielinski, a researcher in the Institute, has been named the Maine state climatologist and will serve as the director of the office. He will provide weather data and related services to the public, businesses, state agencies and other organizations. Zielinski also will provide links to weather and climate information for New

England and other parts of the country.

Maine is the 48th state to establish a state climate office that is affiliated with the National Climate Data Center in Asheville, N.C., and regional centers throughout the country. The Northeast Regional Climate Center is located at Cornell University.

Zielinski is writing a book, *New England's Changeable Weather and Climate*, with Barry Keim, New Hampshire state climatologist. Zielinski is also conducting research on snowfall records in Maine and New England, and the history of Nor'easters. The latter effort will include a classification scheme to evaluate the strength of Nor'easters and their potential impact on the state and the Northeast.

"The Maine State Climate Office is a partnership between the National Weather Service, the National Climate Data Center network and the University," says Zielinski. "Our mission is to collect and provide weather data to the people of Maine, conduct research on Maine's climate and offer services to the public."

Zielinski has a Ph.D. degree in geology from the University of Massachusetts. He has maintained an active interest in meteorology and specializes in the analysis of volcanic dust in glacial ice cores. Volcanic eruptions affect climate by spewing gases that convert to acids and can remain in the atmosphere for years.

"New England's climate has not been studied in detail, although weather records show that the coast and inland areas have gotten slightly warmer over the past one to two decades. One of my jobs will be to take a careful look at the instrument and historical records to understand if and how climate is changing and how global events such as El Nino and large eruptions affect Maine and all of New England," Zielinski says.

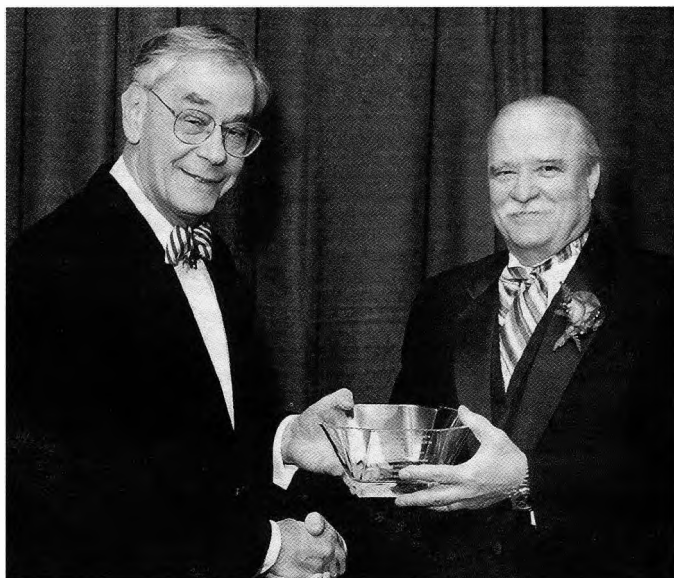
Zielinski notes that the Maine Agricultural and Forest Experiment Station has published studies of Maine climate, including an analysis of growing season records between 1697 and 1947 and a series of temperature and precipitation records from 1808-1978.

The Maine State Climate Office maintains a Web site (www.umaine.edu/mainecclimate). Information from the office also is available to media, schools and professional organizations.

State climatologists are affiliated with the American Association of State Climatologists. ▲

Directory Changes

Maine Math and Science Alliance, 7 Sewall St., P.O. Box 5359, Augusta, ME 04332-5359.



Dennis Cox, right, director of UMaine's choral music program and professor of music, is the recipient of this year's Vincent A. Hartgen Award.

The Hartgen Award is presented by the University of Maine Patrons of the Arts to a person who has made outstanding contributions to the advancement of the arts in the University community. A ceremony to formally present the award occurred Dec. 9. Alumnus Leonard Minsky, left, chair of the Patrons of the Arts, made the award presentation. Cox is the second recipient of the Hartgen Award. The award's namesake, Vincent Hartgen, artist and professor emeritus of the University of Maine Department of Art, received the first award in 1999.

Photo by Larry Ayotte

Institute in search of lobster tales

The Lobster Institute at the University of Maine has received a \$2,583 grant from the Maine Community Foundation to assist in the Institute's oral history project.

The Institute will record the stories and wisdom of some of Maine's most veteran lobstermen and their families through audio and video interviews.

The stories will then be edited and archived with assistance from the Maine Folklife Center at UMaine. Also planned is production of a broadcast-quality video, with a version available via the Internet.

"The goal of the project is to capture and retain the spirit of the people and families who have made lobstering in Maine a way of life through the generations," said Bob Bayer, executive director of the Lobster Institute and coordinator of the project.

"The lobstermen's relationships with the sea, their boats and traps, and the lobster itself have, quite without their intent and beyond their control, created legend and lore that have made lobstering a cultural icon for our state. The people who work the coastal fisheries are, in essence, a community unto themselves. Recording the stories of our senior lobstermen and their families will strengthen and preserve a special piece of this unique Maine community's culture and rich maritime tradition. Once completed, the project promises to educate, enlighten, and entertain."

With further funding, the Lobster Institute has a long-range goal of including this project as just one piece of a full curriculum on the study of lobsters and the lobster industry that will be made available to Maine's public schools. This set of courses would span not only the history and culture but also the economics, marketing, biology and research science that are all important aspects of the fishery.

More information about the project is available from Cathy Billings at the Lobster Institute, 210 Rogers Hall; 581-2751. ▲

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Automated image analysis

Video cameras provide security for banks, government buildings and retail stores. However, it takes a human to monitor the screens and alert safety personnel in the event of a problem. A research team led by the University of Maine Department of Spatial Information Science and Engineering (SIE) has received a National Science Foundation grant to develop new automated image analysis techniques that get information quickly to those who need it.

Their work may also squeeze more information out of images collected over the years for military and civilian purposes. It could have implications for traffic management, agricultural assessments, land use planning and environmental monitoring.

Peggy Agouris, assistant professor of SIE, leads the project with two other faculty members, Kate Beard and Anthony Stefanidis. They are collaborating with faculty members at two other universities, University of California at Riverside and Penn State.

Also working on the project are graduate students Kristin Eickhorst, Panayotis Partsinevelos and Joshua King.

"The general idea is to come up with a framework and tools that will allow us to manage information contained in time varying geospatial data sets," says Agouris.

For example, satellite photos of a city taken over a period of years can reveal information about land use patterns, vegetation changes and development. "Things change over time," Agouris explains, "and this change is inherent in the data set. Our goal is to develop a means to make this change explicit and to communicate it to the people who are interested in this information. This is not just about detecting the change. It is to develop a framework that is independent of peoples' views as to what changes."

Part of that framework is a type of summary that is known among information management specialists as a "metadata file." It includes details such as the source of the data, the scale and a statement about how accurate the data are, Agouris says. "We want to go one level higher and create metadata files that will contain information such as shorter versions of the data sets. It might have video files that communicate easily to the user. For example, a user could learn that this data file is very big but that he or she doesn't have to look it over because it doesn't contain things that are of interest."

The new image analysis tools, Agouris says, will also be developed with the ability to predict trends and events based on the past. "You may know that a flood has occurred in a valley and destroyed things. If we find sequential patterns in our data, we may be able to use that information to make rules for the future. In another location where a situation has not fully developed, we should be able to make a prediction in which we have strong confidence."

The project developed out of previous research conducted by Agouris and her colleagues at UC-Riverside and Penn State. In this project, they will collaborate with the National Agricultural Statistical Service of the USDA, the National Imagery and Mapping Agency of the Department of Defense and BAE Systems Inc.

Partners from UC-Riverside specialize in data that varies in time and location. The Penn State scientists focus on information management frameworks.

Researchers will also work with the U.S. Army Topographic Engineering Center, an industrial organization, and the non-profit OpenGIS Consortium, which works closely with vendors of geographic information system products.

The project is expected to conclude in 2003.

Population and the environment

Population growth, and residential and commercial development are having environmental impacts in areas that are far from the nation's urban centers, according to an analysis by two UMaine professors and a U.S. Forest Service scientist. Their finding results from one of the first attempts to develop a theoretical framework to define and predict how population growth affects environmental qualities such as wildlife habitat.

John Bartlett of the U.S. Forest Service, Deirdre Mageean of the Margaret Chase Smith Center for Public Policy and Raymond O'Connor of the Department of Wildlife Ecology, base their analysis on nationwide demographic and environmental data. Bartlett, a former graduate student in wildlife ecology, worked with Mageean and O'Connor to study factors that tend to reduce biodiversity.

Support for the research was provided by the U.S. Environmental Protection Agency, USDA Forest Service and the National Science Foundation.

For this project, the researchers applied a method known as classification and regression tree (CART) modeling to identify what they call a "particularly damaging form of sprawl" in areas where growth is associated with non-agricultural land use changes involving "green field" building.

Such growth is strongly associated with high concentrations of endangered plants and animals, the authors report. In particular, growth threatens coastal species that depend on large blocks of sand dunes and other barren coastal habitats.

Their report, "Residential Expansion as a Continental Threat to U.S. Coastal Ecosystems," was published last spring in *Population and Environment: A Journal of Interdisciplinary Studies*.

Ecologists and demographers have long known that human population growth and development affect the environment by eliminating wildlife habitat and reducing air and water quality. In the last decade, some environmental groups have advocated slowing the rate of population growth in the U.S. as a means of protecting the environment.

However, a detailed model that explains how a growing population affects the environment at both local and continental scales has been lacking. In part, that is because demographers and ecologists work with different kinds of data.

"There's a lot of work going on in human dimensions of change," says Mageean. "A lot of it is taking place in ecological hot spots around the world, such as Amazonia, Nepal, China and so on. One of the virtues of doing this research in the U.S. is that, while we have a very extensive physical area to study, we also have a fairly homogeneous political, social and economic structure. That can reduce the variance of those factors that tend to mediate between population and environmental impact."

Mageean, O'Connor and Bartlett used climate data, as well as remotely sensed satellite data on land cover from the U.S. Geological Survey; land cover pattern data, and information on streams and roads from the U.S. Environmental Protection Agency's Environmental Monitoring and Assessment Program (EMAP); and population and socioeconomic factors from the U.S. Census.

Through CART analysis, they identified specific ranges of values for environmental variables associated with distinct patterns of settlement. They focused on temperature averages and extremes, land use classification and listings of endangered or threatened species. They were thus able to correlate changes in population density and development with changes in vegetation and threats to wildlife.

Sandip Lee Anne Wilson, doctoral student in literacy: "A Metaphor Is Pinning Air to the Wall: A Literature Review of the Child's Use of Metaphor," *Journal of the Association for Childhood Education International* (Winter 2000/01)

Kristin Sobolik, associate professor of anthropology and Quaternary studies: "A Gobernadora Point from Texas," *The Artifact*, Vol 36, with **Bret Achorn**, former student and graduate of the Quaternary and Climate Studies Institute, and Elton Prewitt, president of Prewitt and Associates, Austin, Texas.

Doug Allen, professor of philosophy: "Mircea Eliade's View of the Study of Religion as the Basis for Cultural and Spiritual Renewal," *Changing Religious Worlds: The Meaning and End of Mircea Eliade*, ed. Bryan Rennie. Albany: State University of New York Press, pp. 207-33 (2001).

Deborah Rogers, professor of English: "Looking Backward, Looking Forward," *Publications of the Modern Language Association* (PMLA) 115 (2000):2040.

Doug Allen, professor of philosophy: "L'ermeneutica di Mircea Eliade e la storia delle religioni," *Esploratori del Pensiero Umano: Georges Dumézil e Mircea Eliade*, ed. Julien Ries and Natale Spineto. Milan: Jaca Book, pp. 311-29 (2000).

B.L. Brown, D.E. Franklin, P.M. Gaffney, M. Hong, Dan DenDanto, biological sciences graduate student, and **Irv Kornfield**, professor of zoology, School of Marine Sciences: "Characterization of Microsatellite Loci in the Eastern Oyster, *Crassostrea virginica*," *Molecular Ecology*, 9(12):2217-19 (December 2000).

Renate Klein, assistant professor of human development, and **Robert Milardo**, professor of Human Development: "The Social Context of Couple Conflict: Support and Criticism from Informal Third Parties," *Journal of Social and Personal Relations*, 17:4/5 (August 2000).

Lisa Joyal and Mark McCollough, former wildlife ecology graduate students, and **Malcolm Hunter**, professor of wildlife resources and Libra Professor of Conservation Biology: "Population Structure and Reproductive Ecology of Blanding's Turtle (*Emydoidea blandingii*) in Maine, near the Northeastern Edge of its Range," *Chelonian Conservation and Biology*, 3:580-88.

Douglas Gardner, associate professor of wood science, **Robert Lopez-Anido**, assistant professor of civil engineering, and Janelle Hensley: "New Methods for Bonding Wood to E-glass/Vinyl Ester Composites," *Adhesives Age* (November 2000). In addition, Gardner, Theresa Hoffard, David Pendleton and Sheldon Shi: "Reusing Creosoted Wood," *The Military Engineer* (January-February 2001).

Lenard Kaye, Visiting Libra Professor in the College of Business, Public Policy and Health and the School of Social Work: "Constructing a New Millennium Service Profile of the Older Male," *Geriatric Care Management Journal*, 10:2-5 (2000). Also, Kaye edited "Older Men and Care Management: Special Issues and Challenges," a special issue of the *Geriatric Care Management Journal*, 10(1) (Winter 2000).

Raymond O'Connor, professor of wildlife, **Ray Owen**, professor emeritus of wildlife ecology, and **Judith Rhymer**, assistant professor of wildlife ecology: "Best Practices in Endangered Species Recovery Planning: Lesson's for the Conservation of Maine's Atlantic Salmon," *Maine Policy Review*, 9(2):72-91 (Fall 2000).

Malcolm Hunter, professor of wildlife resources and Libra Professor of Conservation Biology, **Laura Monti**, former graduate student, and **Jack Witham**, associate scientist of wildlife: "An Evaluation of the Artificial Cover Object (ACO) Method for Monitoring Populations of the Redback Salamander *Plethodon cinereus*," *Journal of Herpetology*, 34:624-29.

Book Ends

New & Noteworthy at the University Bookstore

Read the book, see the movie? See the movie, read the book? What to do first! Some of the hottest new movies were books first! Check them out, in paperback at the University Bookstore.

Chocolat by Joanne Harris, Penguin (2000). Starring Juliette Binoche, Judy Dench, Alfred Molina and Johnny Depp, the movie has gotten rave reviews, as did the book when it first came out last year. The story revolves around a small French, Catholic town. When a beautiful young woman moves in and opens a chocolate shop across the square from the church, she begins to wreak havoc with the town's Lenten vows.

All the Pretty Horses by Cormac McCarthy, Vintage (1992). Matt Damon and Penelope Cruz give stellar performances in this new movie, directed by Billy Bob Thornton. If you haven't read the book, a National Book Award winner, now is the time to do so. (Matt says he read it many times during his college days). *All the Pretty Horses* tells the story of young John Grady Cole, the last of a long line of Texas ranchers, who sets off on an idyllic, sometimes comic adventure. McCarthy has been compared with Steinbeck, Faulkner and other American writers.

Requiem for a Dream by Hubert Selby Jr., Thunder's Mouth Press (1978). The movie stars Ellen Burstyn, who already is nominated for a Golden Globe for her stunning portrayal of a lonely Brooklyn widow who wants nothing more than to lose weight and appear on a TV game show. With *Requiem for a Dream*, Hubert Selby Jr. (author of *Last Exit to Brooklyn*) captures the human condition like no other author, stunning us into empathy and causing us to love the unlovable.

Of note: Bookstore specials – Beatles books (including the new anthology) are 50 percent off; technical books from Springer-Verlag now 50 percent off.

Research by Erdley, Nangle makes headlines

Cynthia Erdley, associate professor of psychology, was interviewed by several media outlets in the fall about her research on the role of children's friendships in their psychological adjustment. This work is being conducted with Douglas Nangle, also an associate professor of psychology. Articles appeared in the *Portland Press Herald* and *La Tercera*, the Chilean national newspaper. Erdley also was interviewed by radio station KCSN in Los Angeles. In addition, she was interviewed for an article that was posted on Healthscout.com. A brief summary of the friendship research appeared in the Dec. 25 issue of *TIME Magazine*.

Bushway in *Cooks Illustrated*

Comments from Alfred Bushway of the Food Science and Human Nutrition faculty are included in an article of the November/December issue of *Cooks Illustrated* magazine. He shared his expertise on potato discoloration.

Steneck in *Gulf of Maine Times*

The winter issue of *Gulf of Maine Times* includes an interview with Bob Steneck, professor of marine sciences at the Darling Marine Center in Walpole. The *Times* is published by the Gulf of Maine Council on the Marine Environment.

David Field in *Forestry Source*

Comments from David Field, chair of the Department of Forest Management, are included in a story about the defeat of the November forestry referendum in December issue of *The Forestry Source*, a monthly newsletter published by the Society of American Foresters.

Extension dairy experts tapped by media

David Marcinkowski, a Cooperative Extension dairy specialist, spoke with the host of an Internet talk site, www.essentialtalk.com, about an Extension effort called the Relief Milkers Program. The program also was the subject of an interview by a Toronto radio station with Richard Brzozowski of Extension's Cumberland County office. The goal of the program is to train people to assist dairy farmers with milking chores.

Chronicle of Higher Ed taps UMaine experts

The Jan. 5 issue of *The Chronicle of Higher Education* includes a story about the increase in the lobster population off the Maine coast in the past 15 years. The increase has occurred while scientists have been expecting a decline. The story includes comments from professors Jim Wilson and Bob Steneck, along with graduate student Eric Annis.

Assistant Professor **Beth Wiemann's** composition *Vespona* has been chosen to be performed at the National Conference of the Society of Composers, to be held this March at Syracuse University. The work will be performed by EnsembleX, a professional contemporary music group from Ithaca, N.Y. Wiemann's composition *Hornpipe Dreams* also has been

selected by the New York New Music Ensemble for a series of concerts this season at Merkin Hall in New York City.

Huijie Xue, associate professor of marine sciences, and **Fei Chai**, assistant professor of oceanography, attended the American Geophysical Union annual meeting in San Francisco, Dec. 14-20, where they presented the following papers: "General Circulation and Regional Features in the South China Sea," by Xue and co-authors; "Pearl River Estuarine Circulation and a Coupled Physical/Biological Model," by Xue and Chai; "Modeling Carbon Cycle in the Pacific Ocean," by Chai and co-authors; and "Nitrate and Silicate Budget in the Equatorial Pacific Ocean," by **Mingshun Jiang**, postdoctoral research associate, and Chai.

Kenneth Nichols, assistant professor of public administration, and **Carolyn Ball**, associate professor and director of graduate programs in public administration, attended the National Governors Association's Justice Integration Technology Conference in San Antonio with other representatives from criminal justice agencies in Maine. Nichols and Ball recently were awarded a grant by the Maine Criminal Justice System Policy Committee. They will be meeting with officials of justice agencies and information technology administrators to assess the progress of computer integration of the court system, district attorneys, corrections, public safety, and sheriff and police departments. Important databases to be included: sex offender registry, convictions, protection orders, bail conditions, fingerprints and probation/parole records.

John Moring, professor of zoology, and Mike the catfish, Biological Sciences, gave a talk, "Fishes of Maine," at Stetson Elementary School Dec. 1.

Amanda Moors, former wildlife ecology graduate student, presented "Birds as Indicators of Lake Quality in New England" at the International Symposium on the Urban Ecology of Birds and Mammals in Neinover, Germany, in November.

Janet May, Maine Adolescent Transition Project coordinator at the Center for Community Inclusion, presented an informational workshop, "Including Adolescents with Disabilities," about the postsecondary aspirations of high school students who have a disability or healthcare need, at the Maine Educational Opportunity Association's annual conference, Jan. 4 at the Atlantic Oakes, Bar Harbor. The session provided strategies for identifying and serving those students who may be eligible for TRIO programs.

Janice Kristo, professor of literacy, was a discussion leader for the Elementary Section meeting, "With Literacy and Justice for All: A Tribute to Carole Edelsky," at the 40th annual meeting of the National Council of Teachers of English, Nov. 21-25, Milwaukee. Edelsky, a professor at Arizona State University, where she teaches courses in teacher research and discourse analysis, has authored several books focusing on social justice issues and literacy.

Jeff Wilhelm, associate professor of literacy, chaired the Secondary Section Nominating Committee; was a discussion leader, examining "The Ins and Outs of Online Book Discussions"; and gave a presentation, "How George Hillocks and Lev Vygotsky Help Us Think about Assisting Reluctant Adolescent Readers," at the 40th annual meeting of the National Council of Teachers of English, Nov. 21-25, Milwaukee. Also presenting at the conference were graduate students and teachers **Julie Dube**, Medway Middle School, and **Tanya Baker**, Brewer Middle School. Adjunct faculty member **Peggy Jo Wilhelm** was recorder/reactor for the classroom demonstration Guided Reading for Adolescents session.

Thomas Sandford, associate professor of civil and environmental engineering, presented "The Effect of Small Strain Constitutive Modeling on Predicting Settlement above London's Underground Tunnels" on Dec. 7 to London Underground Ltd., in Birmingham, England.



Eleven juniors majoring in accounting have been selected for paid tax internships this spring and summer. Some also are doing their internships for academic credit. Six students began this month and will work through April 15 with Berry, Dunn, McNeil and Parker, CPAs in Bangor and Portland. Others are interning with Baker, Newman and Noyes, CPAs in Portland, and BankNorth in Lewiston. One is interning this summer with Circuit City in Virginia. The students gain valuable experience working full time or three-quarter time. At the completion of their internships, many students receive full-time job offers to work for the same firms after graduation. The interns are, front row, left to right, Erika Baker of Bangor, Jenne Calteaux of Winona, Minn., Emily Burgess of Newport, Abigail McLaughlin of Orono; back row, left to right, Elizabeth McNeil of Bath, Robert Smalley III of Holden, Traci Miller of Old Town, Peter Beyeler of Brewer and Jeff Berardino of Bangor. Not pictured are Rachael Sobey of Bangor and Jennifer Johnson of Canton, Conn.

Photo by Monty Rand

Jeff Wilhelm, associate professor of literacy, gave the opening keynote address, "Reaching Reluctant Readers," and conducted a session on using drama to assist the development of reading strategies, at the annual literature conference of the Writing Improvement Network, Dec. 8, Charleston, S.C.

Lenard Kaye, Visiting Librarian Professor in the College of Business, Public Policy and Health and the School of Social Work, was a paper session discussant at the symposium "Methodological Issues to be Considered When Studying Older Men," at the 53rd Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C., Nov. 19. He also chaired a paper session on "Senior Housing" at the same conference. Kaye chaired a special luncheon session on "Are Social Workers Ready for the Aging Boom?" at the national conference of the National Association of Social Workers in Baltimore Nov. 4. Oct. 20, Kaye presented "A Clinical Perspective on Family Elder Caregiving: The Case of Men Who Help" at the Multidisciplinary Psychiatric Grand Rounds organized by the Acadia Hospital, Bangor Mental Health Institute, Community Health and Counseling Services, Eastern Maine Medical Center, and the College of Liberal Arts and Sciences.

Debbie Gilmer, acting director, **Janet May**, project coordinator, **Bonnie Robinson**, graduate assistant, and **Elijah Steward**, student associate at the Center for Community Inclusion's Maine Adolescent Transition Project, facilitated a workshop, "YOUTHSPEAK: Promising Futures for ME!" at the TASH 2000 National Conference in Miami Beach in December. They presented the YOUTHSPEAK curriculum and other MATP project materials, designed to ensure that the voices of youth are part of systems change in Maine schools.

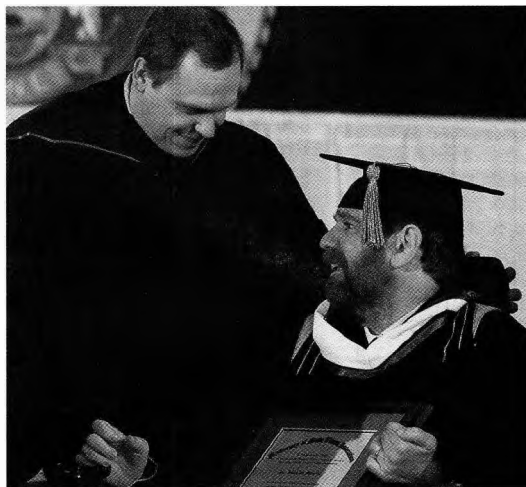
James Gilbert, chairperson and professor of wildlife, attended the Gulf of Maine Harbor Porpoise Take Reduction Team meeting in Danvers, Mass., in December.

Max Egenhofer, director of the National Center for Geographic Information and Analysis (NCGIA), College of Engineering's Librarian Professor, professor in spatial information science and Engineering, and cooperating professor in computer science, gave a keynote address at the Twelve Annual Colloquium of the Spatial Information Research Centre in Dunedin, New Zealand, Dec. 10-13. His invited talk was "Research Directions for Spatial Information Systems - From 'Knowing Your Location' to 'Spatial Forecasting.'"

Sharon Gilbert, postdoctoral research associate, and **Deb Rainey**, early childhood specialist at the Center for Community Inclusion, presented an informational workshop at the Zero to Three's 15th Annual National Training Institute in Washington, D.C. Their workshop highlighted the collaborative process used in creating a new infant/toddler curriculum, which was developed with **Linda Labas**, early childhood coordinator at CCI, for the Kennebec Valley Community Action Program and Southern Kennebec Child Development Corp.

Sharon Crook, assistant professor of mathematics, gave an invited lecture, "Structure and Function in a Sensory System," at the Institute of Theoretical Dynamics, University of California at Davis Dec. 6.

Kathleen March, professor of Spanish, gave presentations on cultural diversity Jan. 4 and Jan. 8 to a gay men's support group and a gay, lesbian, bisexual and transgendered group for teens at the Eastern Maine AIDS Network, Bangor.



David Dvorak, associate professor of mechanical engineering technology and director of the School of Engineering Technology, gave a presentation, "Friction, Wear, and Third-Body Processes Studied by Real-Time Raman Tribometry," at the Fall Meeting of the Materials Research Society in Boston in November.

Delcourt appointed to Phi Kappa Phi selection committee

Scott Delcourt, director of the Graduate School and president of the University of Maine chapter of Phi Kappa Phi, has been appointed to the Phi Kappa Phi National Scholar selection committee by national president Neil Luebke. The committee will meet in Baton Rouge in mid-March to review nominations and select the National Scholar who will be honored at the Triennial Convention of Phi Kappa Phi in Indianapolis this August. Past winners of the National Scholar Award include Edward Brandt Jr., Roderick Hart, and Rita Colwell.

"I am very honored to be selected to represent the Northeast region on this important committee" says Delcourt. "Since Phi Kappa Phi honors academic excellence in all fields of higher education, the National Scholar Award draws nominations from a wide variety of academic disciplines. Having worked with graduate faculty and students in our many graduate programs, I look forward to the opportunity to review the achievements of individuals across a number of academic areas."

Phi Kappa Phi is the nation's oldest and largest interdisciplinary national honor society. It was founded at UMaine in 1897 by Marcus Urann, who also went on to establish the company Ocean Spray. The National Honor Society of Phi Kappa Phi has now grown to over 280 chapters in colleges and universities worldwide with a membership of over 800,000 individuals. Each spring the Society awards 50 fellowships and 30 awards of excellence to students entering their first year of graduate study.

Presidential Outstanding Teaching Award

Established in 1990 in recognition of the importance of outstanding teaching to the University of Maine, the Presidential Outstanding Teaching Award will again be presented at the Spring Honors Convocation.

The award is presented annually to a tenured UMaine faculty member who has demonstrated outstanding commitment to and ability in the teaching area while maintaining a commitment to scholarship and public service. The recipient will receive a medallion and a monetary award.

A committee that will report to the Provost's Office, consisting primarily of faculty and students, will screen nominees and make a recommendation to the President.

The deadline for receipt of nominations is March 1.

Nomination forms can be obtained from the Provost's Office, 201 Alumni Hall, or by contacting Carole Gardner, x1617, or on FirstClass.

Degrees were awarded to 462 students during the University's 197th Commencement in December. Of those students, 143 received graduate degrees, including 20 doctorates. Almost 2,500 people attended the ceremony. Professor Emeritus Richard Hill, who taught mechanical engineering at UMaine from 1946-92, delivered the commencement address. He also received an honorary degree. Jeffery Mills, president and executive director of the University of Maine Alumni Association, welcomed the new graduates to the ranks of the more than 85,000 alumni. Mills, left, also presented an Outstanding Graduate Award to Joseph Mayo, the recently retired clerk of the Maine House of Representatives who has been battling Lou Gehrig's Disease for the past two years. Mayo was elected to the House shortly after his 1982 graduation from UMaine.

Photo by Monty Rand

Capital improvements *continued from page 2*

debt service on the bonds sold to finance the project.

The University paid the \$570,000 debt payment on the \$2 million loan in 2000, the first year of the Union project.

In the Union, students will first have access to state-of-the-art dining facilities, Durringer says. Subsequently, they can look forward to such features as a modernized bookstore, which is moving to a new space that will include the Computer Connection; the relocation of Student Government, along with Maine Campus and WMEB, to the Miriam K. and Ormand J. Wade Center for Student Leadership; and new facilities for the Career Center.

The Union's expansion and renovation is one of five major capital improvement projects now under way or slated to begin on campus, as part of what Durringer notes is "the biggest construction initiative in the history of the University of Maine and University of Maine System."

"We have \$83.4 million in construction and renovation in progress or planned," Durringer says. "It's happening now because of research and development funding, economic development expectations of the state, taxpayer involvement, and the people here putting it together."

In addition to the Union, the other major capital construction projects across the UMaine landscape are:

- ▼ **Aubert Hall**, a two-phase, \$21 million renovation project. The newly named architectural firm for the project is Symmes, Maini and McKee Associates of Cambridge, Mass. Phase I begins this fall. By December 2002, one wing of Aubert will be renovated. Phase II to renovate the second wing will be completed in May 2004.

- ▼ **Engineering and Science Research Complex**, a three-phase, \$47 million construction and renovation project. The Boston-based firm of Shipley, Bullfinch, Abbott and Richardson, considered the premier laboratory and science building architectural firm in the nation, has been hired. The project will include construction of an interdisciplinary research facility for engineering and physical sciences, and renewal of Boardman, Bennett and Barrows halls.

- ▼ **Hitchner Hall**, an \$11.4 million project to create teaching and research areas for biotechnology, and food science and human nutrition. Construction will begin in April, with completion in August 2002.

- ▼ **Student Housing Complex**, an \$8.5 million, 200-unit facility. The apartment-style residential complex will be constructed near Doris Twitchell Allen Village. Construction will begin in spring 2002, with occupancy expected in fall 2003.

Also in the wings: construction of the \$6 million Buchanan Alumni House, which is expected to be completed in summer 2002; and the \$10 million renovation of the Maine Center for the Arts, which is expected to begin in 2002. ▲

Strategic Plan *continued from page 1*

plan will be a broader vision for campus, a more overarching and futuristic look at the mission and role of the University relative to serving students, the people of the state and its land-grant mission, says Kennedy.

The strategic plan cites seven key goals:

- ▼ Strengthen the commitment to providing a first-class, highly relevant undergraduate educational experience in all programs.
- ▼ Enhance the research mission to ensure Maine's full contribution to and benefit from a knowledge-based, global economy, while maintaining and enhancing our natural resource-based economy.
- ▼ Strengthen graduate education as a vital component of the University's land-grant mission, fundamental to research and invigorating undergraduate education.
- ▼ Redefine the public service mission of the University. Focus on becoming an "engaged university," anticipating and supporting the needs of the continuum of learners in Maine, from the youngest to oldest citizens, and aggressively implementing distance learning technologies, both an effective and efficient means of pursuing the University's statewide mission.
- ▼ Develop the financial resource base necessary to support the University and align budget priorities with strategic actions.
- ▼ Focus and expand international programs throughout the University. Draw on our geographical position relative to Canada as a gateway to international expansion of economic, academic, and cultural connections and opportunities.
- ▼ Make the University's infrastructure, and its research and teaching facilities second to none among Maine public institutions.

A draft of the 2000-05 strategic plan was released by Kennedy Nov. 28. (A copy can be found on the Web: www.umaine.edu/documents/UMaineStrategicPlan.pdf.) Members of the University community are asked to submit feedback on the plan to the Provost's Office by Feb. 15. In addition, Kennedy is meeting with groups throughout campus to solicit comments, including information about what should be added to the document.

"Generally, most common comments so far are that the strategic plan draft doesn't set priorities, it doesn't have specifics, and it is trying to be everything to everyone," says Kennedy. "A common debate is that the plan is far too oriented on jobs and economic development of the state through science and technology, leaving little mention of UMaine's core liberal arts education. Those points will be addressed in the revised version.

"That version will be closer to the final document we will use to move forward. But for now, it is important for people to provide concrete wording specifics about where it should be incorporated in the plan."

Kennedy will compile the input from across campus for consideration by a soon-to-be-named strategic plan implementation group. That committee is expected to issue a redraft in April, with finalization of the strategic plan in May.

Concurrently, five independent commissions have been formed on campus to address aspects of the institution "that will reinforce and provide in-depth guidance concerning how (policies and actions) should be implemented," says Kennedy. Reports from each commission are due in May. The commissions, their chairs and charges are:

Provost's Commission on Graduate Education, Dean Larry Matthews, chair. Charged with developing specific plans for enhancing graduate education at UMaine and sharpening the institution's focus on this important aspect of the University's mission. It should review previous studies of graduate education and update their recommendations in light of our current educa-

tional, economic environment, and the projected needs of the state for highly educated leaders and for UMaine's strategic plan.

Provost's Commission on an Honors College, Dean Rebecca Eilers, chair. Charged with developing plans to turn the Honors College idea into a functioning reality by the beginning of the 2002-03 academic year. It should review the Honors College Concept Paper, revise and refine it as appropriate, and make specific recommendations for its implementation.

Provost's ad hoc Committee on Incentivized Budgeting, Dean Bruce Wiersma, chair. Charged with studying ways to make the budgeting process data based and responsive to the needs of UMaine's changing environment for academic programs and scholarships. It should recommend changes in the way budgets are formed that will encourage colleges and departments to grow their programs and use their resources most effectively by linking funding to programmatic success.

Provost's Commission on International Programs, Dean Eric Brucker, chair. Charged with recommending policies and actions to more fully integrate international programming with UMaine's various graduate and undergraduate curricula. Goals are to increase sharply the number of international students at UMaine and the number of UMaine students completing part of their programs abroad.

Provost's Commission on Summer Programs, Dean Robert Cobb, chair. Charged with recommending policies and actions to make summers at UMaine substantially more active academically. The goals are to capitalize on UMaine's natural advantages during the summer months to attract students from other parts of the country and from abroad to study here, to increase the number of UMaine students continuing their programs during the summer, and generally to make more efficient use of the University's facilities outside the traditional fall and spring semesters.

A sixth commission on facilities, to be formed in the coming weeks, will be co-chaired by Douglas Gelin, vice provost, and Anita Wihry, executive director of institutional planning and facilities. The group will address a component of the strategic plan that calls for identifying facility needs in the next five and the next 20 years.

"For the next five years, we will be trying to address the dire needs for academic, research and student facilities that have been pent up for quite a period of time, such as a visual arts building and recreation center," Kennedy says. "Planning for the subsequent 15 years will focus on those facilities that address the role the University plays in the state and region. They will be much more focused on auxiliary functions."

The strategic planning process is already reaping benefits, Kennedy says. "For me, interacting with faculty has been a great experience. As I meet with faculty in one college, then another, I have the opportunity to share information about what others are doing. It gives people a fuller appreciation of what we have to offer. Connecting with faculty is just one of the wonderful outcomes of the strategic planning process."

In addition to campuswide planning, colleges and departments are now drafting their own strategic plans, which will dovetail into that of the institution. The institution's strategic plan will be a touchstone for UMaine's upcoming biennial budget decisions. Groups are now using the strategic plan to drive their activities, and faculty talking to one another are justifying initiatives based on the overarching goals.

"That's fantastic thinking," Kennedy says. "The strategic plan is fueling dialogue." ▲

Reading *continued from page 2*

Cobb committed funds in that tight budget year to send Paula Moore, now assistant professor and director of the College's Center for Early Literacy, to train in New Zealand and become certified as a Reading Recovery teacher leader trainer.

The trainer of teacher leaders is the highest skilled position in the Reading Recovery professional development pyramid. Teacher leaders trained by Moore in turn train classroom teachers in their district schools to provide the specialized instruction.

Veteran faculty member Rosemary Bamford, professor of literacy, provided more credibility and cohesion for the new program when she agreed to be site coordinator for the training center.

"The College put in motion everything that had to happen in order

to establish a Teacher Leader Training Center at the University, then put in the mechanisms to do the training," says Bamford.

Throughout the 1990s, Moore was the state's only teacher leader trainer, enabling the training of approximately 500 Reading Recovery specialists, in addition to providing early literacy professional development for classroom teachers. Elizabeth Worden, who completed her Reading Recovery university trainer work at Ohio State University in June, joined UMaine last fall as the state's second trainer of teacher leaders.

The College's successful Little Books for Early Readers series, now distributed internationally, were produced in large part by Maine Reading Recovery and classroom teachers in an effort to fill a need for a variety of highly instructional, relevant books for first graders in the early intervention program.

At a recent conference celebrating a decade of Reading Recovery in Maine, Cobb used the metaphor of a railroad to illustrate the driving force of Moore and Bamford behind the fast-track evolution of the program that now spans the state. He described Moore as the efficient engineer, setting the timetable and speed, and ensuring that everyone is on board and equipped with the required expertise. Bamford was characterized as the company CEO, bringing years of institutional experience to the enterprise, watching the budget and, especially in the early years, being the constant advocate for change.

In 1995, Cobb was awarded the Reading Recovery Service Award in recognition of his leadership and continuing support.

Annual allocations of state funding to partially support Reading Recovery began in 1993, under then-Governor John R. McKernan Jr. Although unable to attend the celebration, McKernan sent a letter which Bamford shared with participants.

"The real credit," McKernan wrote, "goes to the educators who advocated for this program and to the University for establishing a Teacher Leader Training Center to make expansion of the program a reality. The children of Maine have benefited greatly from Reading Recovery, but we can not claim victory and truly celebrate until not one single child in Maine is left behind." ▲

Positions Available

The following faculty and professional positions are currently available at the University of Maine. This list includes titles and contact information. Interested parties should consult either the University of Maine contact listed for each open position or Web listing (www.umaine.edu/hr/jobs) to obtain a complete job announcement, including required qualifications. All positions are full time, unless otherwise specified. Questions about search procedures should be directed to the Office of Equal Opportunity, 581-1226.

PROFESSIONAL

4-H Youth Development Professional, Cooperative Extension. Salary Range: \$28,000 to \$31,000. Review Begins: Jan. 22. Contact: Additional qualifications, both required and preferred, are listed in the complete job description available from Sandra Vaillancourt, 5741 Libby Hall, Orono, ME 04469-5741, telephone 1-800-287-0274 or 207-581-3191; email: sandyv@umet.maine.edu or UMaine Web page (www.umaine.edu/hr/jobs/umce).

INFORMATION ON OPENINGS FOR CLASSIFIED POSITIONS

Because most classified (hourly paid) positions are posted for brief time periods, it is not feasible to announce them in *Maine Perspective*. For updated information on current classified positions available at UMaine, call the jobs line, 581-4567, or check the Web listing (www.umaine.edu/hr/jobs). Application forms are available at: Personnel Services, 124 Corbett Hall, University of Maine, Orono, ME 04469.

The University of Maine is an Equal Opportunity/Affirmative Action Employer. In complying with the letter and spirit of applicable laws and in pursuing its own goals of diversity, the University of Maine System shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veterans status in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Questions and complaints about discrimination in any area of the University should be directed to Evelyn Silver, Director of Equal Opportunity, The University of Maine, Room 101, 5754 North Stevens Hall, Orono, ME 04469-5754, telephone (207) 581-1226 (voice and TDD).

MEOC position open for graduate student in education

The Maine Educational Opportunity Center and the Maine Educational Talent Search are in need of an energetic and empathetic graduate assistant.

The Maine Educational Opportunity Center (MEOC) and the Maine Educational Talent Search (METS) are federally funded programs designed to assist low-income, potential first-generation Maine residents, children and adults who aspire to a post-secondary education. The MEOC and METS programs provide services statewide but are headquartered at UMaine.

For a full job description or more information, contact Kathryn McGloin on FirstClass or by calling 581-3725.

Cohen *continued from page 1*

developing a plan for making Cohen's papers accessible to the public. A new archivist will continue the project, working with the papers from Cohen's years as secretary of defense.

"The donation of Secretary Cohen's papers enriches the already impressive collection of Cohen papers and other records maintained at the University," says Elaine Albright, UMaine's dean of cultural affairs and libraries. "Secretary Cohen is ensuring that these important historic documents will be broadly available here in Maine for study and scrutiny by scholars from around the world."

The donation of the new materials adds another layer to Cohen's deep relationship with UMaine, which dates to his days teaching business law until his 1972 election to Congress. Concurrent with the 1996 donation of Cohen's congressional papers, UMaine established the William S. Cohen Center for International Policy and Commerce. The center works to develop educational and outreach programming related to international policy and global commerce.

It has hosted two lectures at UMaine – one delivered by Cohen in 1998 and one by Secretary of State Madeleine Albright in 1999.

"The Cohen Center is central to the University's efforts to help improve the state's position and success in the global economy," says Eric Brucker, dean of the College of Business, Public Policy, and Health, within which the Cohen Center is located. ▲

U.S. Department of Energy makes grants for research in the Energy Biosciences. Areas of interest include bioenergetic systems, control of plant growth and development, genetic transmission and expression, microbial and plant-microbial interactions, plant cell wall structure and function, lignocellulose degradative mechanisms, thermophily, and

one-carbon metabolism, as well as fundamental research in the biological sciences that interfaces with disciplines in the physical sciences. Brief preapplications are due March 1; formal applications, June 13.

National Science Foundation's initiative on Biocomplexity in the Environment promotes integrated investigations of environmental systems using advanced scientific and engineering methods. Proposals are sought in four areas: Dynamics of Coupled Natural and Human Systems, Instrument Development for Environmental Activities, Coupled Biogeochemical Cycles, and Genome-Enabled Environmental Science and Engineering. Deadline for the first two listed is March 16; for the remaining two, March 29.

National Institute on Aging's Pilot Research Grant Program invites applications for pilot projects in 24 targeted, high priority areas of the behavioral and biomedical sciences relevant to aging. Maximum award: \$50,000 in direct costs for one

year. Deadlines: March 20, July 17, Nov. 16.

Agency for Healthcare Research and Quality's new program of small research grants is designed to support new investigators or researchers new to issues in health care services and to encourage preliminary, exploratory, or innovative research in new or previously unexamined areas. The announcement identifies 23 priority areas. Maximum award: \$100,000 for a project period of up to 24 months. Deadlines: March 24, July 24, Nov. 24.

ArtsLink supports U.S. arts organizations in hosting for a five-week residency an ArtsLink Fellow, who is an artist or arts manager from Central Europe, Eastern Europe, the Newly Independent States, or the Baltic States, chosen by ArtsLink. Awards provide airfare and up to \$6,000 for other costs of the residency. Deadline: May 15.

Federal Highway Administration's Transportation Environmental Research Program supports studies in such areas as aesthetic highway design, air quality, community impact, housing issues, environmental law, environmental management, climate change, hazardous materials, historic bridges, public involvement, transportation noise, transportation planning, and water quality. Most awards are in the range of \$20,000 to \$50,000.

For more information, call Research & Sponsored Programs, x1476, or visit our Web site (www.orsp.umesp.maine.edu).

Institutional Animal Care and Use Committee

The Institutional Animal Care and Use Committee (IACUC) would like to remind investigators/instructors that no research, teaching or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the meeting dates for the spring semester. Completed Protocol review forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting.

Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs (ORSP), 424 Corbett Hall, x1498. The information also is available at the ORSP Web site (www.orsp.umesp.maine.edu).

IACUC Meeting Dates (submit protocols at least two weeks before meeting date): Jan. 23, Feb. 20, March 20, April 24, May 22.

New Postage Rates

Effective 1/7/01, postage rates for all classes of mail increased

First Class Mail

Letter Rate First Ounce	\$0.34
Additional Ounce	\$0.21
Card Rate (post cards)	\$0.20

Single-Piece Letter Rates

1 ounce	\$0.34
2 ounces	\$0.55
3 ounces	\$0.76
4 ounces	\$0.97
5 ounces	\$1.18
6 ounces	\$1.39
7 ounces	\$1.60
8 ounces	\$1.81
9 ounces	\$2.02
10 ounces	\$2.23
11 ounces	\$2.44
12 ounces	\$2.65
13 ounces	\$2.86

Priority Mail

Up to 1 lb.	\$3.50
2 lbs. Flat Rate	\$3.95
Over 2 lbs., up to 3 lbs.	\$5.15
Over 3 lbs., up to 4 lbs.	\$6.35
Over 4 lbs., up to 5 lbs.	\$7.55
(Rates available up to 70 lbs.)	

Express Mail

Up to 1/2 lb.	\$12.25
Over 1/2 lb., up to 2 lbs.&	
Flat Rate	\$16.00
Over 2 lbs. up to 3 lbs.	\$18.85
Over 3 lbs. up to 4 lbs.	\$21.70
Over 4 lbs. up to 5 lbs.	\$24.50
(Rates available up to 70 lbs.)	

International Airmail

1 ounce, Canada and Mexico	\$0.60
1 ounce, other countries	\$0.80

International Postcards

Canada and Mexico	\$0.50
All other countries	\$0.70

Nonprofit Rate Letter	Basic 15.5
Regular Rate Letter	Basic 25.0

Certified Mail \$1.90

Return Receipt \$1.50

Delivery Confirmation

Priority Mail	\$0.40
Packages Services	\$0.50

What's Ahead

Opening Reception for
**Antonyms: The Department of
Art Faculty Exhibition**
January 26

Maine State Leadership
Cooperative Student
Leadership Institute
February 2-4

National Student Exchange
Information Meeting
February 7

Winter Carnival
February 12-18

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