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## Maine Perspective, v 10, i 1

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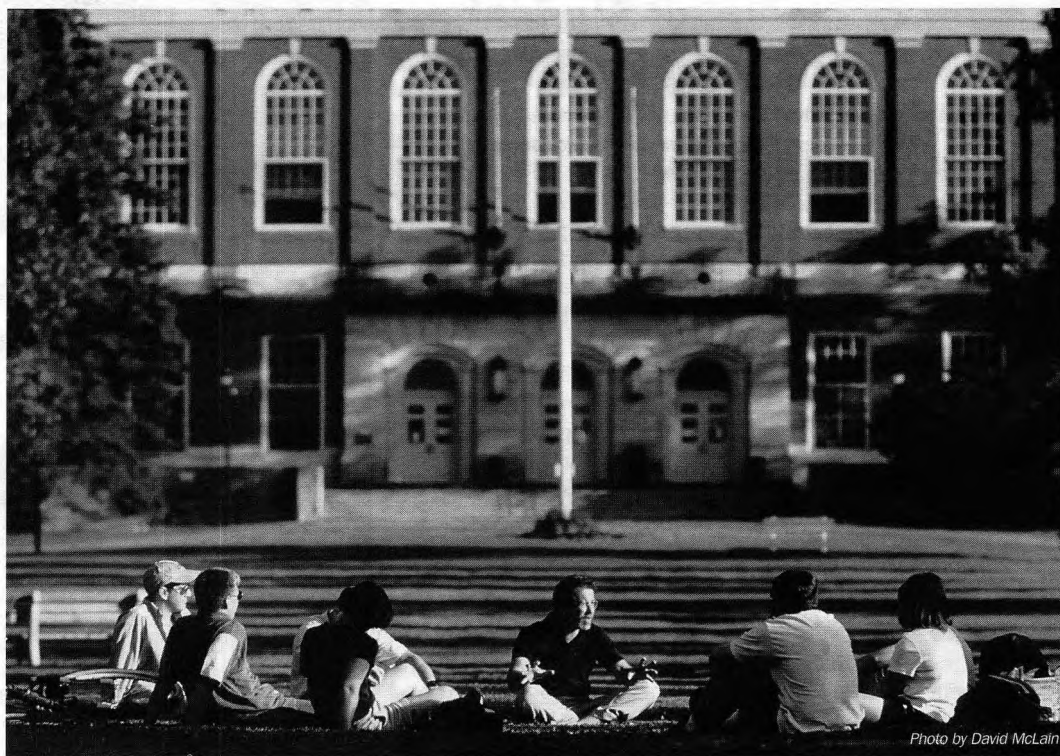


Photo by David McLain

## New Edition of BearWorks a Blueprint for Change

The newest version of BearWorks, containing more than 100 actions for developing and improving the University of Maine over the next several years, has been released by UMaine President Peter S. Hoff.

BearWorks 2.0, which comes six months after the introduction of BearWorks 1.1, is the result of "extensive listening, elaborate electronic dialogue and revisions." The blueprint for change reflects Hoff's efforts to articulate a vision and set of actions based on his expectations for the campus, as well as those articulated by members of the University community and external constituencies. The overall set of priorities and key institutional goals remains the same from BearWorks release 1.1 to 2.0; the list of changes in the new action plan is extensive.

A Blue Ribbon Panel Forum with University of Maine President Peter Hoff is scheduled for Sept. 24, 10 a.m.-noon, Lown Rooms, Union.

"BearWorks calls on us to establish priorities, and to do the most important and most possible things first," says Hoff in introducing

BearWorks 2.0, which is being distributed to all University employees and external constituents. "It calls on us to learn more about ourselves and our environment so we can make better decisions. It demands achievement and accountability at all levels of responsibility."

BearWorks affects the experience of all members of the University community and the actions of the community affect the direction of BearWorks, says

Hoff. From the beginning, BearWorks has been a process, not a product, and at its core has been community dialogue. Since the release of BearWorks 1.1 in February, the action plan has been the focus of unprecedented campuswide dialogue and input, largely via FirstClass.

"Students, faculty and staff learned more about each other's work and objectives, and developed a

*continued on page 16*

### New Blue

As *Maine Perspective* enters its tenth year of publication, it takes on a new appearance.

Starting with this edition, *Maine Perspective* features "Maine Blue," replacing the pine tassel design that has appeared on *Maine Perspective's* cover for the past two years. The shade of blue has been used by UMaine off and on through the years, and is being reinstituted as part of a formal color scheme being adopted for

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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.

## Number of Incoming Students Up 21 Percent from Last Year

UMaine this week welcomes the Class of 2002 – a larger class than in recent years, and one whose members bring the same impressive qualifications as its recent predecessors.

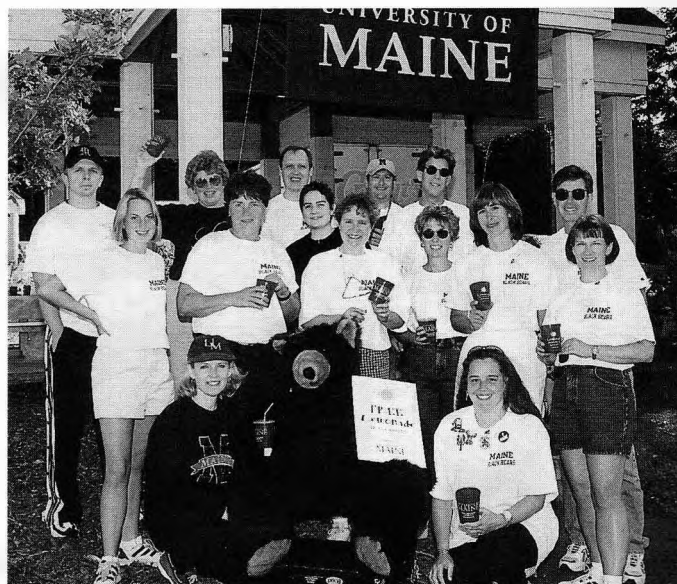
When classes resumed, 1,430 new first-year student joined the UMaine community. That number represents a 21 percent increase over the size of last year's class, reflecting the success of efforts led by UMaine President Peter Hoff and Dean of Enrollment Management John Beacon to increase the size of the student body without sacrificing quality.

In a Sept. 1 news conference, Hoff expressed enthusiasm about the incoming class and 43 new faculty, and other positive developments such as the Bearworks Action Plan, the upcoming statewide referendum vote on increased funding for university-based research, and campus physical improvements.

"I am particularly proud to express my excitement and optimism about the students, faculty and staff of the University, and about the University itself," he said. "We are, in fact, entering a new era – an era of enhanced excellence, of greater focus and of expanded value and relevance to Maine and its people."

The average SAT score for members of the new first year class is 1088 – essentially the same as last year's average of 1090. The UMaine class average exceeds the national average by 71 points and is 82 points above the state average.

Twenty-two percent of the new students finished in the top 10 percent of their high school class, while 40 percent finished in the top 20 percent. The University's "Top Scholars" scholarship program continues to yield results, with 81 of Maine's high school valedictorians and salutatorians enrolling at UMaine this fall, up from 65 last year and more than double the average of 35 per year before the program was introduced. *continued on page 8*



Phish fans headed north to the three-day Lemonwheel concert of the popular Vermont-based band were greeted at the Hampden Rest Area by members of the University community handing out lemonade in souvenir UMaine cups. Lemonade, provided by Dining Services, was dispensed Aug. 13 by University volunteers to more than 500 visitors and more than 1,000 the following day. Staffing the lemonade stand were volunteers Dianne Hoff and staff and students from Public Affairs, Catering & Conference Services, University Development, the General Alumni Association, Enrollment Management and Admissions, and the Visitors' Center.

*Photo by Monty Rand*

### Cultural Affairs Committee Deadline for Proposals

The deadline to submit proposals to the Cultural Affairs/Distinguished Lecture Series Committee is Sept. 21. Proposal guidelines and applications are available by contacting Wanda Legere, President's Office, X1516.

### MAINE PERSPECTIVE FALL PUBLISHING SCHEDULE

Sept. 18 (copy deadline Sept. 4); Oct. 2 (copy deadline Sept. 18); Oct. 16 (copy deadline Oct. 2); Oct. 30 (copy deadline Oct. 16); Nov. 13 (copy deadline Oct. 30); Nov. 27 (copy deadline Nov. 13); Dec. 11 (copy deadline Nov. 27).

## New Administrators Named



Eric Brucker

A dean and a chief financial officer are among the newest members of the University community as the new academic year begins.

Eric Brucker has been appointed the new dean of the College of Business, Public Policy and Health. Robert Duringer is the University's new chief financial officer.

Serving as interim vice president for Student Affairs is Mark Anderson. Interim dean of the College of Engineering is Chet Rock.



Robert Duringer

Eric Brucker comes to Maine from the University of Michigan-Dearborn, where he was the dean of the School of Management and a professor of economics and finance since 1992.

Brucker received his Ph.D. from Duke University in 1966. In addition to Michigan-Dearborn, he was a professor of economics and vice president for academic affairs at Trenton State College in New Jersey, the dean of business and economics and professor at the University of Delaware, and an assistant professor at Southern Illinois University in Carbondale.

Robert Duringer was director of business affairs at Oregon State University for five years before coming to the University of Maine. He served as chief financial officer for the City of Fort Campbell, Ky., and the Army Air Defense School. His academic experience includes serving as associate professor of leadership at

*continued on page 19*

## MAINE Perspective

MAINE Perspective is published by the Department of Public Affairs  
University of Maine • 5761 Howard A. Keyo Public Affairs Building  
Orono, Maine 04469-5761 • 207-581-3745

Director of Public Affairs John Diamond • Executive Editor Margaret Nagle

Layout and Design by University of Maine Department of Public Affairs  
Printed by University of Maine Printing Services

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UNIVERSITY OF  
MAINE

# Calendar

# MAINE

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

## SEPTEMBER 5 - 20

### 5 Saturday

**Men's Soccer Tournament: Cleveland State vs. St. Francis**, 1 p.m.; Maine vs. Army, 3 p.m., Sept. 5. xBEAR.

### 6 Sunday

**Women's Soccer: Maine vs. Marist**, noon, Sept. 6. xBEAR.

**Men's Soccer Tournament: Cleveland State vs. Army**, 1 p.m.; Maine vs. St. Francis, 3 p.m., Sept. 6. xBEAR.

### 7 Monday

**No Classes - Labor Day**, Sept. 7.

### 8 Tuesday

**Coffee House with Kevin Connolly**, offered by the Union Board, 8 p.m., Sept. 8, Peabody Lounge, Union.

### 9 Wednesday

**Annual President's Breakfast for Employees**, featuring addresses by President Hoff at 7:30 a.m. and 8:30 a.m., Sept. 9, Wells Conference Center.

**"Time Management,"** a Study Skills Program, 3:15 p.m., Sept. 9, Sutton Lounge, Union. x1734.

**"Computer-aided Assessments of Infant/Toddler Vocabulary,"** by Alan Cobo-Lewis, part of the Department of Communication Disorders Fall Colloquium Series, 5-6:15 p.m., Sept. 9, North Lown Room, Union. x2003.

### 10 Thursday

**"Paul Robeson: An African American Odyssey from All-American Football Player to Singer and Shakespearean Actor to Radical Activist Working Against Racism, Class Exploitation, and War,"** by Eric Foner, DeWitt Clinton Professor of History at Columbia University, part of the Marxist and Socialist Studies Lecture Series, 12:30 p.m., Sept. 10, Minsky Recital Hall. x1228.

**"The Story of American Freedom: The Debate Over Freedom's Meaning in American History,"** the Howard B. Schonberger Peace and Social Justice Lecture by Eric Foner, DeWitt Clinton Professor of History at Columbia University, 7:30 p.m., Sept. 10, 100 Nutting Hall. x1228.

**Thursday Night at the Bear's Den with Hit Me**, offered by the Union Board, 9 p.m., Sept. 10, Union.

### 11 Friday

**"Republican Citizens and Imperial Subjects: The Northern Borderland of Revolution,"** by Pulitzer Prize-winning historian Alan Taylor, part of the Department of History Symposium Series, 3:30 p.m., Sept. 11, 100 Nutting Hall. x1913.

**Backyard Jam**, highlighted by musical performances by Ziggy Marley and the Melody Makers, and Shootyz Groove, offered by Student Government's Student Entertainment Division, 4 p.m., Sept. 11, Hilltop Concert Park. Admission fee. x1798 or 947-7099.

**Reception for Department of Art Faculty Exhibition**, 5-7 p.m., Sept. 11, Carnegie Hall. x3255.

**Fred Heath Faculty Recital**, part of the School of Performing Arts season, 7:30 p.m., Sept. 11, Minsky Recital Hall. Admission fee. x1755.

### 12 Saturday

**Field Hockey: Maine vs. Holy Cross**, featuring a ceremony introducing donors and team captains as part of the Alfond Stadium and Morse Field Dedication, 10:45 ceremonies; 11 a.m. game, Sept. 12, Alfond Stadium. xBEAR.

**"History of Maine Agriculture,"** by Bill Reed, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon-1 p.m., Sept. 12, Page Museum. x4100.

**Field Hockey Post-Game Reception**, part of the Alfond Stadium and Morse Field Dedication, 12:30 p.m., Sept. 12, Dexter Lounge, Alfond Sports Arena. x1151.

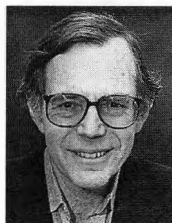
**Men's Soccer: Maine vs. UMass**, 1 p.m., Sept. 12. xBEAR.

**Gates Open for Football Game and Tailgating**, part of Alfond Stadium and Morse Field Dedication, 4 p.m., Sept. 12. x1151.

**Celebration Barbeque and Donor Reception**, part of Alfond Stadium and Morse Field Dedication, 4:30-6:30 p.m., Sept. 12, north end of Morse Field. Tickets. x1151.

**UMaine Student Pre-Game Dinner**, part of Alfond Stadium and Morse Field Dedication, 4:30-6:30 p.m., Sept. 12, Field House. MaineCard Admission. x1151.

## Look Who's On Campus



The Howard B. Schonberger Peace and Social Justice Lecture will be given by **ERIC FONER**, DeWitt Clinton Professor of History at Columbia University, Thursday, Sept. 10 at 7:30 p.m., 100 Nutting Hall. The lecture, which is based on his book due out in October, is *"The Story of American Freedom: The Debate Over Freedom's Meaning in American History."* At 12:30 p.m. that day, Foner will give a lecture in the Minsky Recital Hall: "Paul Robeson: An African American Odyssey from All-American Football Player to

Singer and Shakespearean Actor to Radical Activist Working against Racism, Class Exploitation, and War." In addition to his distinguished academic record, Foner has been an activist in the anti-war and civil rights movements, first as a student at Columbia in the 1960s. He has headed a faculty committee to support the clerical and support staff in their strike at Columbia, worked to divest the university's investments in South Africa, and helped to create the Black and Ethnic Studies programs at Columbia.

Pulitzer Prize-winning historian **ALAN TAYLOR** will lecture Friday, Sept. 11, 3:30 p.m., 100 Nutting Hall, on "Republican Citizens and Imperial Subjects: The Northern Borderland of Revolution." Taylor, a Portland native, is a major figure shaping our understanding of Revolutionary American and the origins of the U.S. A professor at the University of California at Davis, Taylor received the Pulitzer Prize and the distinguished Bancroft Prize of the American Historical Association for his 1995 book, *William Cooper's Town*. Taylor's research on frontier settlement began with his highly regarded first book about Maine in the wake of the American Revolution, *Liberty Men and Great Proprietors*, examining conflicts over property among settlers between the Androscoggin and Penobscot Rivers.



**Pre-Game Activities**, with teams warming up on the field at 6 p.m.; festivities at 6:50 p.m., part of Alford Stadium and Morse Field Dedication, Sept. 12, Alford Stadium. x1151.

**Movie: True Romance**, offered by the Union Board, 6:30 p.m. and 9:15 p.m., Sept. 12, 100 Corbett Business Building. x1734.

**Football: Maine vs. New Hampshire**, including halftime ceremonies dedicating Alford Sports Arena and Morse Field, 7 p.m., Sept. 12. Admission fee. xBEAR.

**UMaine Marching Band Post-Game Show and Fireworks**, part of Alford Stadium and Morse Field Dedication, 10 p.m., Sept. 12, Morse Field.

## 13 Sunday

**Women's Soccer: Maine vs. University of Rhode Island**, 1 p.m., Sept. 13. xBEAR.

## 14 Monday

**Women of the World Luncheon**, featuring Japanese food, noon, Sept. 14, Church of Universal Fellowship, Orono. Admission fee. x1509.

**Dropping Courses for Refunds Ends**, 4:30 p.m., Sept. 14.

**First rehearsal of Oratorio Society**, 7 p.m., Sept. 14, Class of 1944 Hall. All new and returning members invited. No auditions. x4700.

## 15 Tuesday

**Last Day for Textbook Refunds**, Sept. 15.

**"Raising Their Voices: The Politics of Girls' Anger,"** by Lyn Mikel-Brown, associate professor of women's studies and education and human development, and co-chair of the Human Development Program, Colby College, part of the Women in the Curriculum Luncheon Series, 12:15 p.m., Sept. 15, Bangor Lounge, Union. x1228.

## 16 Wednesday

**Instructional Technology Product Fair**, Sept. 16, Lown Room, Union.

**Annual Graduate School Picnic**, 4-6 p.m., Sept. 16, behind York Complex. (Rain date Sept. 17.) x3218.

## 17 Thursday

**Thursday Night at the Bear's Den with The Wicomicos**, offered by the Union Board, 9 p.m., Sept. 17, Union. x1734.

## 18 Friday

**Performance by the Lidral Trio**, part of the Jazz TGIF series, offered by the Union Board, 12:15 p.m., Sept. 18, Damn Yankee. x1734.

**Field Hockey: Maine vs. University of Rhode Island**, 3 p.m., Sept. 18. xBEAR.

## 19 Saturday

**Orono Fall Festival**, beginning with a 7 a.m. pancake breakfast and featuring events and activities throughout the day, including a road race, street dance, live music, craft tables and food, Sept. 19, downtown Orono. 866-5065.

**"For the Love of Frogs,"** a Hudson Museum Just for Kids Program, 10 a.m., Sept. 19, Maine Center for the Arts. Preregistration. Fee. x1901.

**Women's Cross Country: Maine vs. Northeastern**, 11 a.m., Sept. 19. xBEAR.

**Field Hockey: VCU vs. University of Rhode Island**, 1 p.m., Sept. 19.

**Maine Center for the Arts Gala - Spirit of the Dance**, part of the Maine Center for the Arts performance season, 8 p.m., Sept. 19, Hutchins Concert Hall. Admission fee. x1755.

## 20 Sunday

**Joshua Whitehouse Faculty Recital**, part of the School of Performing Arts season, 2 p.m., Sept. 20, Minsky Recital Hall. Admission fee. x1755.

## Ongoing Events

### Campuswide Events

**Family & Friends Weekend**, Sept. 25-27.

### Conferences/Seminars/Workshops

**Resume Writing: New Techniques**, Job Search Workshops offered by the Career Center, 3:10 p.m., Sept. 8, Sept. 16 and Sept. 17; 2:10 p.m., Sept. 11, 121 Lengyel Hall. Sign-up in Career Center. x1359.

**West Antarctic Ice Sheet Conference**, Sept. 13-18.

**Effective Interviewing Techniques**, Job Search Workshops offered by the Career Center, 2:10 p.m., Sept. 14 and Sept. 17; 3:10 p.m., Sept. 25, Career Center Lab, Chadbourne Hall. Sign-up in Career Center. x1359.

**High-Impact Cover Letters**, Job Search Workshops offered by the Career Center, 3:10 p.m., Sept. 14 and 2:10 p.m., Sept. 18, 121 Lengyel Hall. Sign-up in Career Center. x1359.

**Electronic Job Search**, Job Search Workshops offered by the Career Center, 3:10 p.m., Sept. 15 and Sept. 23, 121 Lengyel Hall. Sign-up in Career Center. x1359.

**How to Find Internships**, Job Search Workshops offered by the Career Center, 2:10 p.m., Sept. 24 and Oct. 2, Career Center Lab, Chadbourne Hall. Sign-up in Career Center. x1359.

### Entertainment

**"Our Place in Space,"** a Planetarium show, part of Family and Friends Weekend, 7 p.m., Sept. 25; 3 p.m. and 7 p.m., Sept. 26, Wingate Hall. Admission fee. x1341.

### Exhibits/Demonstrations/Tours

**Brilliantly Beaded: Northeastern Native American Beadwork**, a Hudson Museum exhibit, through Sept. 6, Maine Center for the Arts. x1901.

**Woodland Tribes of the Northeast: Jud Hartmann Bronzes**, a Hudson Museum exhibit, Sept. 15-May 16, Maine Center for the Arts. x1901.

**Department of Art Faculty Exhibition**, a Museum of Art exhibition, through Sept. 26, Carnegie Hall. x3255.

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

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

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

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

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

### Meetings of Groups/Organizations

**Newman Center**, 9:30 a.m. Sundays, through Sept. 6, 83 College Ave.

**Maine Peace Action Committee** meets every Wednesday (during academic year), 4 p.m., Maples. x3860.

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

### Special Notes

**Farm Store**, 10 a.m.-6 p.m., Monday-Friday, through the end of September.

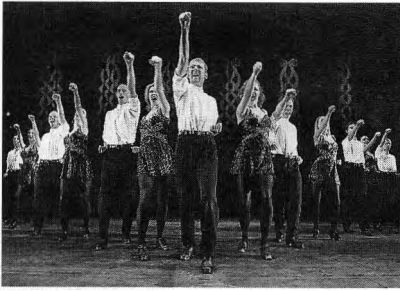
**Farmers' Market**, 8 a.m.-1 p.m., every Saturday; 2-5:30 p.m., every Tuesday, Steam Plant Parking Lot.

**Global Print Sale**, day-long, Sept. 9-11, Union.

**Acadia Bike Sales**, day-long, Sept. 14-15, Union.

**APQ Blood Drive**, Sept. 21-22, Bangor Lounge and Lown Room, Union.

## Spirit of the Dance Sets the Pace for MCA's 12th Season



*Spirit of the Dance*

The rhythm is irresistible. Audiences, exhilarated by the perfect precision of dancing feet, are left breathless by the rush of energy.

*Spirit of the Dance*, in the *Riverdance* tradition, brings excitement, color and passion to the gala opening of Maine

Center for the Arts' 12th season Saturday, Sept. 19 at 8 p.m.

The Irish International Dance Company offers a program that begins where *Riverdance* ends. *Spirit of the Dance* is a celebration weaving Irish dance, classical ballet, tap, flamenco and a crescendo of Russian Cossacks defying gravity into a vibrant, dramatic show.

"Irish dance in the tradition of *Riverdance* has been at the top of our audiences' request list for future performances," says John Patches, director of the MCA. "When *Spirit of the Dance* became available, I jumped at the chance to bring it to Maine."

Sponsored by Bangor Savings Bank, the gala opening of the 1998-99 season on Sept. 19 benefits the Maine Center for the Arts. Special events surround the performance: a pre-concert gourmet dinner and a champagne reception following the performance.

The MCA's upcoming season offers a rich mix of dance, music and theatre. The schedule ranges from performances by the St. Petersburg State Ice Ballet to the Russian National Ballet Company; from performances of *Fiddler on the Roof* and *Brigadoon* to the Aquila Theatre Company performing *Comedy of Errors* and *The Odyssey*. Performers taking the stage this season include Eugenia Zukerman and David Leisner, the Padua Chamber Orchestra and the Italian National Opera, the National Acrobats of China and the Demon Drummers of Japan. Numerous performances for families and children are also presented in this new season highlighted by many international offerings.

Additional information about the new season may be obtained by calling the Maine Center for the Arts, 581-1755.

## Center Stage

### School of Performing Arts

#### Low Brass . . . High Brass

#### The Music Begins at the School of Performing Arts

They are loud and commanding, soft and appealing. They play solo or ensemble, carry the melody or provide its counterpoint. They're the brass instruments of the concert hall, the bandstand, the 4th of July Parade.

This month they kick off the 1998-99 performance season of the School of Performing Arts. Two recitals will feature the high brass and low brass instruments.

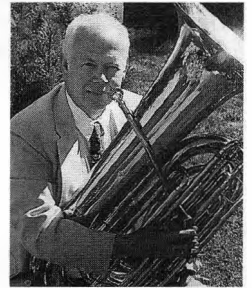
Fred Heath, associate professor of music and familiar to many audiences as a keystone of the low brass section in numerous ensembles, presents a faculty recital on Friday, Sept. 11 at 7:30 p.m., Minsky Recital Hall. Playing a selection of works by Gordon Jacob, Arthur Pryor and Camille Saint-Saëns, Heath will be accompanied by Richard Winter, Public Affairs TV/Radio producer and graduate student in liberal studies.

The Eastern Maine Brass Ensemble also will join Heath in several selections.

Joshua Whitehouse, newly appointed instructor of music for the School of Performing Arts, represents the high brass instruments with his faculty recital on Sunday, Sept. 20 at 2 p.m., in Minsky. His program, featuring the trumpet, includes works by Kent Kennan, Paul Hindemith, Alexander Arutunian and Vincent Persichetti.

Whitehouse will be joined by his sister and soprano soloist Heidi Whitehouse. Both Joshua and Heidi attended the Eastman School of Music. Joshua received his master's from UMaine; Heidi is doing graduate work in opera at the University of North Carolina. Pianists Allison Moore and Laura Artesani will join the performance.

Ticket information for both performances can be obtained by calling the Maine Center for the Arts Box Office, 581-1755.

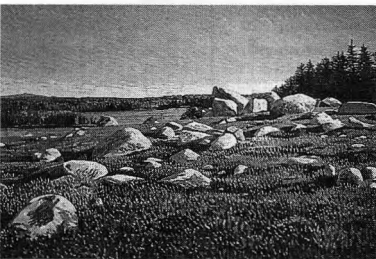


Fred Heath



Josh Whitehouse

## Gallery Glimpses



*Near Salt Pond, Oil, 1997*  
by James Linehan, courtesy of  
Sherry French Gallery, New York

#### Faculty Exhibition

Representative works from more than a dozen members of the Department of Art faculty are on display at the Museum of Art through Sept. 26.

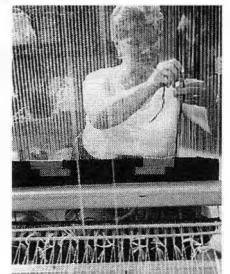
Two to three works from each artist are exhibited on both floors of the Museum's home in Carnegie Hall.

Both the Museum and the Department of Art will celebrate the opening of the annual exhibition with a reception 5-7 p.m., Friday, Sept. 11.

#### Craftsmanship in Photos

The pride and craftsmanship of century-old commerce are celebrated in the Hudson Museum's newest exhibit. *Working Traditions: Century-Old Craftsmanship in Maine* by Cornelia Cannon Holden documents Maine agricultural, fishing and manufacturing businesses that have been in existence for 100 continuous years. In addition, the exhibit spotlights cottage industries with traditions that have been handed down for generations.

*Working Traditions*, on display through Oct. 18, was funded by a Maine Humanities Council grant that turned the documentary into a traveling exhibit.



A photo of Mary Connor at work at Connorstone Fibre Creations, Newport, is part of *Working Traditions*.

## People in Perspective

Down the blue carpeted corridor of Memorial Gym are the offices of the University of Maine football staff. The first of those offices belongs to one of the team's MVPs off the field – Brenda Hesseltine.

"All the nameplates outside the offices slide in and out. Only one is permanent and that is Brenda's," said assistant football coach Jeff Comissiong.

Hesseltine has been a member of the UMaine football staff for more than two decades. Currently, she is working with her eighth group of coaches under head coach Jack Cosgrove. Cosgrove, a former UMaine quarterback and the Black

Bear's offensive coordinator from 1989-92, was named the 34th head coach at UMaine in 1993.

"I enjoy the challenge of adjusting to new sets of coaches and seeing the different techniques they have," said Hesseltine. "Since I have been here I have worked with over 70 coaches. I really enjoy getting to know them. It's never boring."

As a child, Hesseltine and her father watched football games together. Her interest in sports blossomed in high school when she played basketball.

She joined the University community in 1962 as a secretary in the Women's

Athletics Department, located then in Alumni Hall and later in the newly constructed Lengyel Gym. Through the years, Hesseltine also worked as a secretary in the College of Education and Human Development, the English Department and the Bureau of Public Administration.

With her love for sports, it was only natural that Hesseltine applied for the football secretarial position in 1975. Little did she know when she got the job she would become the backbone of the UMaine football program.

"Without Brenda, Maine football would come to a standstill," said Comissiong. "Coach Cosgrove is the head

coach, but Brenda runs the program."

Hesseltine is not out on the field calling plays or catching touchdowns, but on any given day she can be found working behind the scenes. In her office, she spends a lot of time entering all kinds of data into her computer – from playbooks in May and game plans during the season to recruitment information for the more than 500 football prospects the football program initially pursues every year.

Hesseltine seemingly has no off-season. The UMaine football program gears up in August and the pace doesn't let up until after recruiting is over in March. Spring football practices begin in April. May through July, playbooks are produced for the upcoming season.

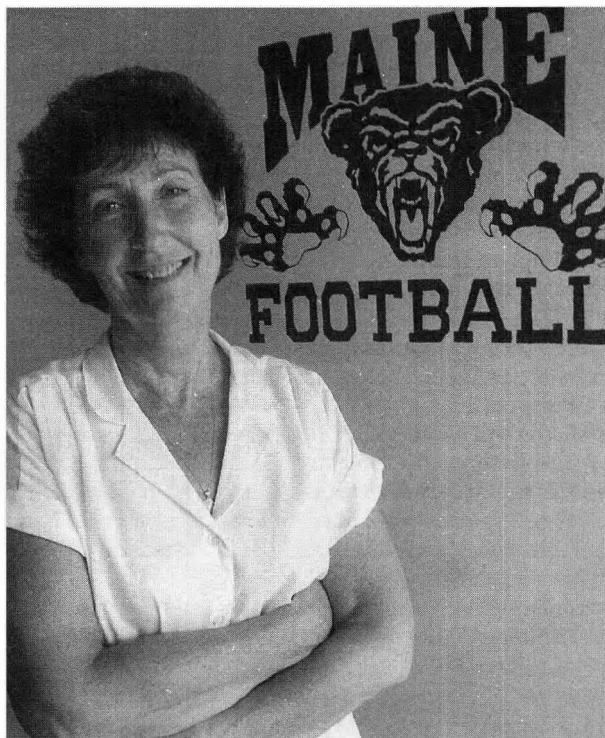
Hesseltine and her husband, Wayne, attend all the home football games. She knows most of the rules of football and recognizes some of the plays being run.

"I follow the NFL, but that's pretty much it. I can't watch other college football teams, only Maine," said Hesseltine. "I have too much dedication to our University and its football program."

"My favorite part of the game is watching our players excel," she said. "I come into contact with most of them every day and I see how hard they work."

The football coaches say they are lucky to have such a devoted staff member – and fan.

"Brenda is so much more than a secretary, she's a friend," said former UMaine assistant coach Chuck Maloy. "She always finds time to get things accomplished and she's a great person on top of that. You rarely find the combination of all three."



Brenda Hesseltine

Photo by Kathryn Rice

## Fogler Library Renovations Continue Into New Academic Year

In November 1997, a bond was passed that included money to improve safety and handicapped access in Fogler Library. The main features of the project are asbestos removal, installation of a sprinkler system and fire alarm system, and conformance to ADA requirements. Other improvements include new lighting in several of the large reading rooms, painting, and replacement of worn carpet.

May and June were devoted to asbestos removal in most areas of the older part of the building. In July, contractors began installing fire alarm and sprinkler systems, and replacing ceilings in the areas affected by the asbestos removal. This work will continue through the 1998-99 academic year. During this period, various areas of the original 1946 building will be closed.

Fogler Library staff members will do their best to provide continuing library service and access to all materials, but there will necessarily be some disruption, noise and inconvenience to users. What to expect during the fall semester:

▼ The mall entrance will be closed for approximately the first two weeks of classes.

▼ Circulation and Reserve services are in the new section of the first floor (across from Reference) and will remain there until the mall entrance is opened.

▼ Science and Engineering Librarians, indexes, and reference books are on the first floor near the Reference desk. Patent and Trade-mark materials are also on the first floor.

*continued on page 19*

## Alfond Stadium, Morse Field to be Dedicated This Month

The grand opening of Harold Alfond Stadium and Morse Field is being celebrated this month.

The first UMaine Division I team to compete on Morse Field was field hockey, which opened its season against Providence Sept. 1. A small ribbon-cutting ceremony marked the occasion.

Dedication ceremonies will be held Sept. 12. The field hockey team, which takes on Holy Cross at 11 a.m., will hold a post-game reception in Dexter Lounge, Alfond Sports Arena.

At 7 p.m., the football team takes on New Hampshire under the lights of Morse Field. Pre-game and halftime dedication ceremonies will be held, followed by post-game fireworks.

For a full schedule of events planned for the Sept. 12 dedication of Harold Alfond Sports Stadium and Morse Field, see the UMaine Calendar, page 3.

Attending the ceremonies will be Harold Alfond and alumni Phillip and Susan Morse, whose donations made the new stadium and field possible.

The facility, constructed and designed mostly by in-state companies, was paid for entirely by private donations totalling \$6.1 million. The new grandstand, which increases the capacity of the stadium to 10,000, was made possible by a \$3.1 million donation from Alfond.

The Morses, Class of 1964, contributed \$2.15 million for the Morse Field playing surface, lights and scoreboard. The University Development Office led a fund-raising effort with key volunteer leaders to raise additional private monies for the project.

Highlights of the stadium and field include:

▼ The new grandstand, providing seating for approximately 6,000 people. While most of the seating will be bench-style, there

*continued on page 19*

## Maine Studies Focuses on the State's People, Institutions

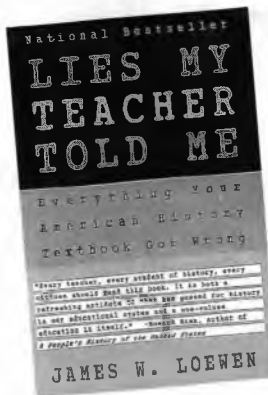
A Maine Studies program, designed for people in Maine to gain a greater understanding of their home state, has been created by the Division of Lifelong Learning.

The 18-credit-hour certificate program features a multidisciplinary study of Maine with courses in history, literature, women's studies, economics, political science, geology, geography, and biology. Through such a multidisciplinary approach, students gain greater understanding of historical and contemporary issues, such as Maine's economy, natural resource conservation, and cultural and ethnic heritage.

*"The goal is to look critically and analytically at Maine culture and history. The result will be heightened awareness and a better understanding of Maine that can inform people's professional and personal lives."*

"The Certificate in Maine Studies program will avoid romanticizing the tourist image of Maine," says Carol Toner, coordinator of the Certificate in Maine Studies program. "The coursework doesn't seek to ignore the mystique of Maine but to go beyond it to the real-life experiences of people in the state. Ours is a view from the bottom up, talking about families and workers, Native peoples and immigrants. Examining Maine through the lenses of ethnicity, gender and class, we will learn more about politics and

*continued on page 19*



## "Lies" in American History the Timely Topic of This Year's Class Book

Myths, misinformation and little-known facts of American history will be the topics of discussion across campus this fall as hundreds of UMaine students read this year's

class book, *Lies My Teacher Told Me: Everything Your American History Textbook Got Wrong* by James Loewen.

The award-winning *Lies My Teacher Told Me* was selected by the Faculty Senate as the class book for 1998-99. The class book is required reading in all English composition classes, and is used as a discussion subject in various forums and panels on campus. This is the seventh year of the class book.

First-year students received copies of *Lies My Teacher Told Me* as part of orientation. In addition, a campuswide effort is being made to reach employees and other students to ensure that the University community is aware of the class book tradition and can be active participants, says Kail.

"The original idea behind the class book was to raise the level of discourse on campus by providing something we can all read, regardless of our disciplines, majors or colleges," says Harvey Kail, associate professor of English and chair of the class book committee. "This particular book brings new perspectives to our experiences with American history and how it is constructed in textbooks."

The 10-chapter book deals with such topics as the absence of racism in history textbooks, the importance of Christopher Columbus and what textbooks teach about the federal government. According to Loewen, a review of 12 leading high school American history texts revealed that students are not getting an accurate view of their country's history from modern textbooks. Loewen gives a critique and analysis of history teaching methods and offers solutions.

Loewen, professor emeritus of sociology, taught race relations for 20 years at the University of Vermont. Now in Washington, D.C., he is researching a new book, *Lies Across the Landscape: What Our Historic Markers and Monuments Get Wrong*.

Loewen is the recipient of the 1996 American Book Award, the Oliver Cromwell Cox Award for Distinguished Anti-Racist Scholarship and the AESA Critic's Choice Award. He is expected to visit campus for a lecture and discussion in March.

This semester, campus events planned around the class book include a Nov. 19 panel discussion as part of the Socialist and Marxist Studies lecture series.

Valencia Daigle, a Campus Living graduate assistant, is coordinating a film series based on issues raised by the book. The campus cable channel will show one film a month, beginning in September with the Civil War film, *Glory*!

In the spring, a new Web-based course focused on the class book will be offered. Jim Toner, director of distance education, says the course will include virtual panel discussions and involve as many as 20 UMaine faculty, a high school history teacher, and campus organizations.

As in past years, the Division of Lifelong Learning will offer a Class Book Community Program. The non-credit discussion class, offered in Orono and Camden, is sponsored by UMaine, the Camden Conference and the Camden Library. ▲



# Residence Halls Now Have 24-Hour Secured Access



Students' MaineCards are opening more doors on campus than ever before, now that Campus Living has instituted 24-hour secured access in 14 UMaine residence halls.

The majority of UMaine's residential students are now

using their MaineCards to gain access to their halls any time of the day and night, and to other residence halls daily from 7 a.m.-9 p.m. Students living in Hancock Hall and Doris Twitchell Allen Village are issued separate security cards to access their residences; York Village residents are issued keys.

Stepped-up residential security measures are not in response to specific incidents at UMaine, according to Barbara Smith, interim director of residential life. "In society, there is increased incidence of people wanting to intrude on the space of others, and we are part of that society. This campus is safe and our halls are safe. Most of our students come from communities that are very trusting. We need to teach people to take precautions to make themselves and their residential communities secure."

*"Secured access is part of the process of making students more aware of how they are involved in their own security."*

In the history of dormitory living at colleges and universities, security has always been an issue. Through the years, institutional policies have shifted from locking students in their residence halls at night to locking them out if they had not arrived by a certain hour, and finally to allowing 24-hour access for residents and preventing non-residents access.

"The myth has been that it's somehow more dangerous at night, but the reality is there are more people in the residence halls and able to detect a stranger at 9 p.m. than there are at 9 a.m.," says Smith. "Now we've got 24-hour secured access so that those people with authorized access can come and go, and all access will be monitored."

The University of Delaware was one of the first schools to do this more than 10 years ago, says Smith. Officials there said it wasn't until they secured access that they realized how many people used to roam the halls who shouldn't have been there.

Five years ago, most of the UMaine halls were installed with Harco Security Systems that used MaineCards for access, eliminating the need for codes punched into keypads. For the past two years, Campus Living has been advocating for 24-hour secured access with student groups and residential students.

Estabrooke Hall residents were the first to try 24-hour secured access two years ago. Gannett Hall students requested 24-hour secured access last year.

"First-year students and their parents assume 24-hour secured access is standard in the residence halls," says Smith. "Returning students have concerns about convenience, like how will the pizza be delivered? Our concern is that we don't want to wait for a security risk to happen."

"Secured access is part of the process of making students more aware of how they are involved in their own security." ▲

## International Notes

### International Programs Sees Increased Activity

▼ International undergraduate applications increased 5 percent for fall 1998, bringing the number of represented countries up from 79 to 83. Expanded Web use and aggressive pursuit of stronger affiliations with international organizations have resulted in the increase, despite a decrease in the number of applications from countries affected by the Asian economic crisis.

▼ UMaine is now a participant institution at the undergraduate level for funded students with programs of USIA, the Open Society of the Soros Foundation, and ACTR (students from the former Soviet Union). The University continues participation at the graduate level with LASPAU (Latin America), and the Open Society. Fulbright also sends a number of applications for review each year at both the undergraduate and graduate levels. These associations keep UMaine visible internationally.

▼ Study abroad participation has doubled since fall 1997. UMaine students will be in Austria, England, Brazil, Italy, Spain, Australia, Canada, the Netherlands, Ukraine, Switzerland, South Africa and Russia this year. Two students will be attending AUBG for the fall semester.

▼ The Office of International Programs acts as liaison with USIA's faculty-research program in placing international researchers with our faculty as space, time and research interests permit. Rod Bushway in Food Science will host a visiting fellow from India for four months, and another fellow may be placed in Zoology. USIA provides all funding for the fellows, who seek a U.S. institution for research opportunities. As USIA proposals are received, OIP contacts the appropriate departments.

▼ John Buoncristiani, Math, has submitted a Fulbright proposal to teach at AUBG next year. OIP has Fulbright applications for staff and faculty. Student applications are handled by the Honors Program. There are numerous long and short-term Fulbright programs for faculty and staff. Most deadlines are Nov. 1 for the following year.

▼ The Intensive English Institute was selected to host three groups from Africa, Japan, and the former Soviet Union for pre-academic and teacher-training during the summer.

▼ As of July 1, International Programs began reporting to the provost, strengthening academic links for student and faculty initiatives. UMaine's commitment to international education and level of service to international students, faculty and programs, as well as to students and faculty seeking an international experience, make it a viable player in international education.

### Students *continued from page 2*

More than half of the members of the Class of 2002 aspire to attend graduate school. Forty-four percent say that getting good grades is their most important concern as they begin college.

Seventy percent of the new students indicated in a survey that UMaine was their first choice of a college.

"They recognize the great value we offer – a quality education, the broadest range of learning opportunities found anywhere in the state, and affordability," Hoff said.

UMaine, which graduated a larger-than-usual number of students last year (1,563), will start the academic year with a student population of 9,100, which is approximately the same as a year ago.

"As you can see," Hoff said, "we have much to be excited about as the new school year begins. We look forward to it with great enthusiasm and a sense of pride in knowing the positive contributions the University is making to our state and its people." ▲

Acadian material culture of the St. John Valley is the focus of a new project that has the potential to create educational and research opportunities, heighten cultural awareness and preservation efforts, and provide a rich historical resource for Maine.

"Acadian Culture of the Saint John Valley," began in July as part of the University of Maine Franco-American Centre's resource development initiative. Assistant Professor of Art Michael Grillo and Don Cyr of Lille, an Acadian culture historian, are leaders in the collaboration linking community and academic resources.

A course is expected to evolve from the project, one of a half-dozen new Franco-American Studies courses being proposed. With training in material culture history and research methods, students will have opportunities to be immersed in the culture, undertaking field research in Acadian material culture – an area of study that remains largely untapped. Venues for such research can range from people's homes and community buildings to living history and historic preservation sites.

"It will allow people of the St. John Valley to shape the academic field, providing them an active voice in the writing of their own history," says Grillo. "It also gives the University a chance to truly fulfill its mission to the state as an articulate voice for Maine and the diverse peoples that make it up. This is a chance for Maine to further know its identity and the richness of its components."

Material culture is art that provides meaning to life. It encompasses items found in homes and communities that have been handed down through the generations, contributing to the identity of a culture. From fine art to serving spoons, items of material culture all have stories to tell.

"We're looking at all objects in terms of how they offer a history of interpretation, complementing genealogical research and better understanding how people lived," says Grillo. "Paintings and buildings to forks and knives offer narratives of use, cultural history and personal memory."

The traditional material environment around a home or in a community building like a church is "emotional, spiritual furniture," says Yvon Labbé, director of the Franco-American Centre. "Statues, colors, ornaments all had meaning but are often taken for granted. It is a body of knowledge that can be studied."

"Students will see that many of the things that surround them are part of their lives and who they are, providing better understanding of where they've come from," says Labbé. "Through this project and course, we are hoping for greater acceptance of our

## Acadian History of the St. John Valley as Told Through Material Culture

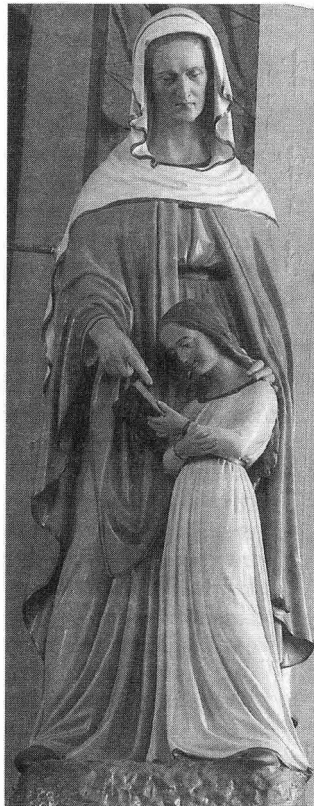


Photo by Kathryn Olmstead,  
courtesy Echoes Magazine

*"We're looking at all objects in terms of how they offer a history of interpretation, complementing genealogical research and better understanding how people lived. Paintings and buildings to forks and knives offer narratives of use, cultural history and personal memory."*

French self – one of the more powerful influences in our lives. It leads to the power to make enlightened decisions in one's own self, family and community interest."

A unique resource of Acadian material culture is found in the Association Culturelle et Historique du Mont-Carmel in Lille, located between Van Buren and Madawaska. The cultural center is housed in an Acadian church built in 1896 and restored by Cyr, who lives in the nearby rectory.

The Acadian material culture collection contains "everything you needed to live – from the table and chair to the napkin on the table," says Cyr. "It was important that the pieces were made or used in the St. John Valley. Furniture is pine. There is some clothing, including a 200-year-old shirt, linen and wool, bridal linens, tools, a sugar camp set-up, shingle-making equipment and religious articles."

"Periods don't count because the pieces are fairly uniform," says Cyr. "Different materials may have been used but the form remains fairly static from the 1790s to the Second World War."

Cyr began collecting antiques when he was 13. While his initial interests were in Victorian antiques, Acadian pieces increasingly got his attention. He has spent the last three decades amassing pieces of Acadian material culture.

"I instantly liked them," says Cyr, an Edmundston native who grew up in Presque Isle. "Their simple design and clean lines are good. They have been described as Shaker-ish. Pieces were made in the wood joiner rather than cabinet-maker tradition, comparable to the tradition of the Middle Ages."

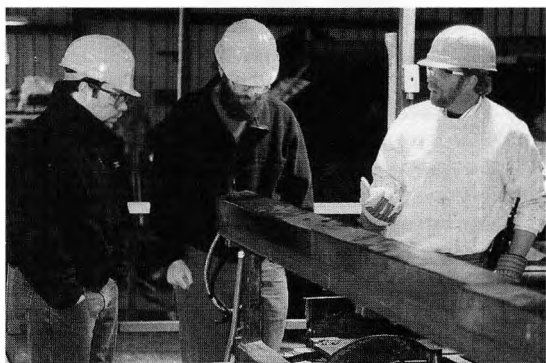
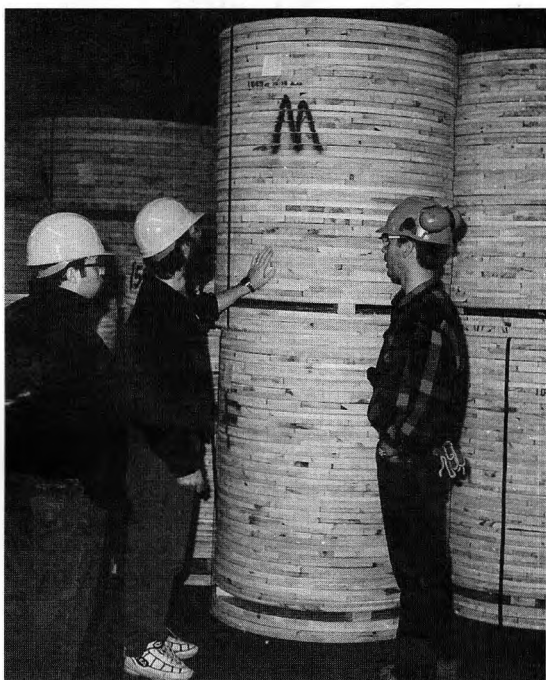
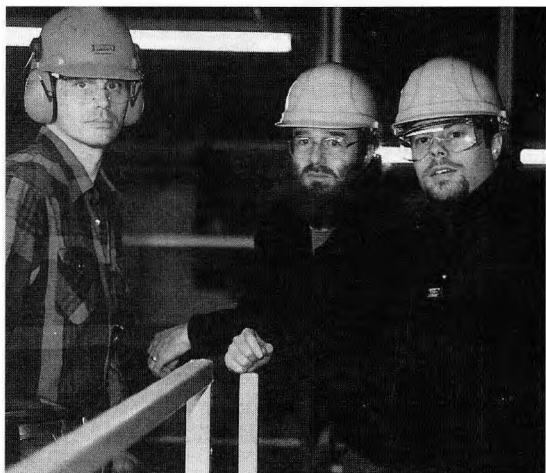
Cyr says he wishes he had been able to start collecting 30 years earlier. "We don't know what we missed," he says. "Once a piece is taken out of the area, it has lost its significance, its provenance. What house did it come from? Who was living there and who might have made it? It loses its identity and becomes another Canadian piece."

Documenting and compiling narratives, and differentiating the identity of Acadian artifacts of the St. John Valley from those of Québec or other Canadian provinces, is where the UMaine material culture project begins. In years to come, the material culture project will continue through the

efforts of the next generations of art historians, historians and anthropologists from the University of Maine.

"This is material culture different from the rest of Maine," says Cyr. "It completes the story. We want students to learn about the other half of the story in the history of North America. And in Maine, that is particularly significant." ▲

# UMaine Engineers Design Autom for North Anson Forest Products I



Photos, top to bottom, Sonoco's lumber manager Rick Murray, left, meets with Bruce Segee and Vinnie Allen. Columns of utility reel ends are stacked at the Sonoco mill in North Anson. Vinnie Allen, left, Bruce Segee and a Sonoco employee talk at a wood stacking machine equipped with infrared sensors for tallying lumber production.

Photos by Nick Houtman

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

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

*In a five-part series, Public Affairs Science Writer Nick Houtman looks at the areas of research and development that would be affected by the bond issue, beginning with information technology. This topic includes new computerized approaches to manufacturing, research, business and resource management. The practical benefits of research in this field are demonstrated with a Maine lumber manufacturer and in the growing area of biotechnology.*

At the Sonoco Baker Division plant in North Anson, saw blades spit dust as pine and aspen boards glide down an overhead steel channel and pitch headlong into sorting bins. A stacking machine shakes and rattles as it deposits the boards in a pile for a trip to the drying kiln.

It's not the place where you'd expect to find infrared sensors or a computer screen with a University of Maine symbol. It's noisy and dusty. The workers wear yellow hard hats and protective glasses. However, a cooperative effort between the UMaine Department of Electrical and Computer Engineering and Sonoco is bringing new technology to the mill and helping it to maintain its competitive edge in a tough economy.

Bruce Segee, assistant professor of ECE, and his students Kevin LeBlanc, Derrick Slopey, and Vinnie Allen, all of Orono, have designed a system using infrared sensors, electronic controllers

and computer software which automatically tallies every board sawn and sorted in Sonoco's system.

As a result, lumber is being managed with a precision unimaginable less than a decade ago. Using the standard tools of spreadsheets and word processors, company officials can tell exactly how many board feet were cut and stacked today and every day for the last nine months. They can track production accurately from week to week and season to season.

"It used to be that we could use a 'layer average' to calculate the lumber we produced. It was the way things were done," says Sonoco lumber manager Rick Murray. "Today, the key word in the industry is fiber. Raw material costs are rising. We have to make the most of every tree, and to do that, we need to know exactly how much we're cutting and where every board goes."

"The system developed by Bruce and his students has worked out well for us. We're very happy with it," he adds.

In years past, such information simply wasn't necessary. Business conditions were different in 1899 when workers at the new plant began making croquet sets. In today's competitive environment, however, says Murray, businesses must squeeze more fiber out of every tree they buy.

"This is exactly the kind of technology we need to stay competitive," Murray adds. "Over the past decade, we've become a lot more efficient. We have computerized edgers and saws that optimize the cutting operations. The short boards that used to be chipped are now sent to a finger jointing operation where they're glued and used for reels. We have a recycling program in which we take damaged reels from our customers, fix them and send them back. Our goal is to reduce the amount of waste that goes to the landfill."

Sonoco makes about three-quarters of the utility reels used in the United States. In addition to wood products, it manufactures reels out of steel and composite materials in other facilities.

The company has manufacturing plants in 28 countries, including two in Maine. Its niche is packaging and containers. In Pittsfield, the company manufactures cardboard tubes used for the cores of paper rolls. Other products

# ted Inventory System anufacturer

include containers for Sonotubes used for concrete forms, frozen juice concentrates, powdered beverages and nuts, as well as cap seals and printed films for all manner of snack packaging.

Sonoco's 200-plus employees in North Anson produce lumber for two purposes: wholesale distribution to industrial customers and wooden reels that hold just about anything that's long and thin. Manufacturers of rope, copper wire, fiber optic lines and undersea cables buy North Anson's reels to store and transport their products.

The company uses white pine and aspen from throughout northern New England, upstate New York, and even Canada. Murray estimates that 95 percent of every log gets turned into marketable products. Sonoco's reels are trucked as far away as Illinois and Mississippi.

That other 5 percent – wood that isn't cut, bored, nailed and shipped – is turned into chips for the paper industry or burned in the company's boilers to provide heat for the kilns or the paint drying shed.

"If you asked, I'd tell you my expertise is in instrumentation and automation," says Segee. "But that's what I do as a computer engineer. It's not a field or discipline. When I look at a process, I'm always asking myself how we can improve it to be more accurate, more reliable or more efficient.

"This system gives the people who make the reels exact information about their supply of lumber, but it could also be used in other ways. If procedures or machines on the line were changed, you could see how production was affected. You could also track the amount of useable lumber generated from specific lots of logs."

Segee's system relies on light. Mounted at one-foot intervals on a bar atop the lumber stacking machine, the sensors shine a continuous beam of infrared light onto the boards as they pass below the bar. Light reflecting off the wood causes the sensors to send a signal to an electronic controller and a computer mounted on the stacking machine. As each board passes, more signals mean a longer board and thus more board feet of lumber.

"One of the neat features of this

system," says Segee, "is that our software is compatible with the popular computer programs Microsoft Word and Excel. Normally we'd have to write software to take the data, format it and send it to a printer or a computer file. By sending the data into Excel, we were able to use the features that Excel provides and store the data in a format from which the company can generate high-quality reports."

The system was first installed in summer 1997 and has been updated through the Internet. When Segee's team writes software updates, they are posted to a Web page. The program is then downloaded by Sonoco.

"We would have the updates up and running five minutes after getting them from Bruce," says Murray. In the past, updating the system would have meant repeated round-trip travel between Orono and North Anson.

The company's machine shop also has been a key player in the project. "The mechanical and electrical know-how at the plant made the difference between this system working or not working," says Segee.

Segee continues to work with Murray and others at Sonoco. The company would like to network the computers on the factory floor, which could make real-time production data available to the office in North Anson, or anywhere in the world via the Internet, says Segee. Security measures would prevent inappropriate use of the data.

This isn't the first industrial application of Segee's expertise. He has worked with numerous sawmills, utilities, shoe factories and other industries in a wide variety of projects ranging from measurement systems and machine control systems to factory-wide automation. His "bag of tricks" includes computers, embedded controllers, and programmable logic controllers, as well as state-of-the-art software tools including artificial neural networks and fuzzy logic.

"It's funny," says Segee, "how computers and software development have evolved over the past 15 years. Things haven't really gotten any easier – we've traded one set of problems for another – but the level of sophistication has increased dramatically." ▲

## *Genetics and GIS Combine to Offer Scientists a Powerful New Tool for Comprehending How Genes Operate*

To hear Carol Bult tell the story, it was serendipity that brought her to the University of Maine and led to GenoSIS, an unlikely alliance between genetics and spatial information science.

When she came up to Orono to have lunch with a friend in 1996, Bult was a staff scientist at The Institute for Genomic Research in Rockville, Md. At the last minute, her friend canceled, but Bult met with Kate Beard, associate professor and chair in Spatial Information Science and Engineering (SIE), and they ended up in a long discussion about databases.

"It was amazing because we started talking about issues that we face with data analysis and data management, some nitty-gritty database stuff. The challenges and frustrations were almost identical between these seemingly different fields, high throughput DNA sequencing in genomics and geographic information science," Bult recalls.

Shortly after that, Bult came back to UMaine on a reconnaissance mission. She studied the possibilities of using GIS methods to give geneticists a better handle on the volumes of DNA sequencing information pouring forth from the nation's molecular biology labs. The results were promising, and she, Beard and Max Egenhofer, an associate professor in SIE and director of the National Center for Geographic Information and Analysis at UMaine, succeeded in getting a National Science Foundation grant to create a prototype information system.

Bult is now a research faculty member and program manager in the National Center for Geographic Information and Analysis at UMaine. She is also a visiting scientist at The Jackson Laboratory in Bar Harbor which is cooperating on GenoSIS. She lives on Mt. Desert Island.

"We're trying to come up with ways to represent what is, on the surface, relatively simple information," Bult says. "An analogy that is often used for DNA is that the four building blocks of DNA are like letters. You combine those letters to make words, and we call those words genes.

"The thing is, once you get to the genes, the genome is like a book. We have a grammar that we impose on the words, and we structure them in text, and then we agree on the rules. A period means stop. An exclamation point means something else, and so on.

"However, we don't just learn how to read words. We need to learn how to comprehend. We're at the point in genomics where we understand some of the words, but we don't yet understand the grammar, and we don't quite comprehend what we're reading."

If GenoSIS is successful, it will give scientists a

*continued on page 15*



# V O L U M E S

Recent Works by University of Maine Authors



## **Samuel Gompers and the American Federation of Labor vs. Maine's Congressman Charles E. Littlefield 1900-1913**

By Charles Scontras  
(Bureau of Labor Education 1998)

In 1906, the American Federation of Labor (AFL) made its political debut as a national organization when it sought to effect the outcome of the political campaign in the Second Congressional District of Maine. That district was chosen for the initial campaign because Maine's congressional elections occurred before those of other states, and also because of the perceived psychological effect Maine's election would have on elections elsewhere.

The Second District was the political base of Charles Littlefield of Rockland – the Congressman who “conspicuously, unceasingly and arrogantly” opposed labor legislation and assisted its most bitter opponents, according to labor historian Charles Scontras, author of the sixth volume of Maine labor history, published by the UMaine Bureau of Labor Education.

President of the American Federation of Labor Samuel Gompers maintained that Littlefield was “affable and apologetic” to corporate interests before his committees, but “domineering, abusive, insulting” to representatives of common people or labor.

Littlefield, the four-term congressman who Scontras says remains little-known to Maine historians, was an ideological opponent of the labor movement. In 1906, the eyes of the country were on Maine, the test-site of the political power of the AFL.

Littlefield won the election by a reduced margin. Gompers contended the lawmaker did not seek reelection in 1908 fearing labor's growing political consciousness and determination to defeat its legislative opponents. But while absent from Congress, Littlefield continued to be a vocal opponent of organized labor.

## **Blue continued from page 1**

UMaine publications and other purposes. Maine Blue will usually be used in conjunction with a darker blue and, on occasion, white.

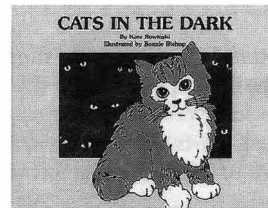
The color scheme and other visual identity elements, such as a modified wordmark – a logo featuring the University's name in a distinctive format – was developed by designers from the Department of Public Affairs in conjunction with STAMATS, a national college marketing firm currently under contract with UMaine to produce an institutional marketing plan. Other elements of the visual identity program will be shared with the campus community in the near future.

For standards regarding the official colors -- known to printers as PMS 289 and PMS 292 -- and the use of UMaine's wordmark, call Monique Mace-Hashey, Public Affairs creative services coordinator, 581-3757. ▲

## Oral Exams

“Development of a Mathematical Model for Boundary Retracement Evidence Evaluation,” by Dilwyn Knott, surveying engineering, noon, Sept. 4, 252 Neville Hall.

“Surface Characterization of Pultruded FRP in Relation to Bond Performance with Eastern Hemlock,” by Matthew Brown, candidate for master of science, forest management, 11 a.m., Sept. 14, 204 Nutting Hall.



## **Cats in the Dark** By Kate Rowinski Designed and Illustrated by Bonnie Bishop (Down East Books 1998)

The children's book *Cats in the Dark* was inspired by author Kate Rowinski's own experiences when her daughter introduced a cat into their household. The story details the late-night antics of what seems to be “a hundred, a thousand, a million or so cats in a lighthouse” that “have just got to go.” The two awakened children who set out to do something about the various bumps in the night soon discover that the commotion is caused not by untold numbers of rambunctious felines but by their solitary, mischievous kitten.

*Cats in the Dark* is written in verse and features bold illustrations that alternate between light and dark, echoing the pattern of the lighthouse beam as it sweeps through the rooms below. Designer and illustrator Bonnie Bishop uses the images to further reflect children's active imaginations; a single cat appears in every illustration, surrounded by multiple felines peering or bounding about in the yellow or black borders. A close look reveals that Bishop has incorporated into each illustration that magical place where imagination and reality intersect.

Bishop is a graphic artist with the Hudson Museum. She also is a studio and freelance artist who has been involved in all aspects of printed and handmade, one-of-a-kind books. Bishop illustrated *Miracle at Egg Rock*, and wrote two children's books, *No One Noticed Ralph* and *Ralph Rides Away*.

## Book Ends

New & Noteworthy at the University Bookstore

The selection of fall books this year is plentiful as well as eclectic. Here's a sampling to get you started on a new year of reading enjoyment.

**Cordelia Underwood: Or the Marvelous Beginnings of the Moosepath League, Van Reid (Viking 1998).** It's the summer of 1896 in Portland and people are embarking on adventures of a most entertaining nature. In this colorful and comic novel, author Van Reid of Edgecomb, who for several years has been a manager at the Maine Coast Book Shop in Damariscotta, has given us a gem full of romance and adventure – old-fashioned style. Superbly written with a vivid sense of place and period, and characters that jump off the page, this one is sure to provide hours of delight.

**Generation Ecstasy, Simon Reynolds (Little Brown 1998).** *Generation Ecstasy* is the definitive chronicle of rave culture and electronic dance music. Rave challenges traditional ideas about music and has influenced such artists as Madonna, Bjork, U-2 and David Bowie. Well-known music and culture critic Simon Reynolds (*Blissed Out, The Sex Revolts*) takes the reader on a guided tour of this end-of-the-millennium phenomenon with the first critical history of techno-music and the drug culture accompanying it.

**Wondrous Strange: The Wyeth Tradition, (Bullfinch 1998).** This catalogue to the current show at the new Center for the Wyeth Family in Maine at the Farnsworth Art Museum in Rockland takes us on a fantastical tour of the work of turn-of-the-century illustrator Howard Pyle, his most distinguished student N.C. Wyeth, and his son and grandson Andrew and Jamie Wyeth. Pyle is the father of American illustration and was an influential teacher whose tradition of dream-like imagery has been carried on by the Wyeths. With 30 colorful paintings by each artist and insightful essays that examine the intersection of illustration and fine arts, as well as the relationship among Pyle and the Wyeths, *Wondrous Strange* is a splendid book.

**Mohammad Omary**, former Ph.D. graduate student in chemistry and now an instructor at Colby College; Thomas Webb, Auburn University; **Zerihun Assefa**, former Ph.D. graduate student in chemistry and now a permanent staff member at Oak Ridge National Laboratory; George Shankle, Angelo State University, Texas; and **Howard Patterson**, professor of chemistry:

"Crystal Structure, Electronic Structure, and Temperature-dependent Raman Spectra of  $\text{Ti}[\text{Ag}(\text{CN})_2]$ : Evidence for Ligand-unsupported Argentophilic Interactions," *Inorganic Chemistry*, 37:1380-6 (1998).

**Phillip deMaynadier**, research associate, and **Malcolm Hunter Jr.**, Libra Professor of Conservation Biology, both of the Department of Wildlife Ecology, "Effects of Silvicultural Edges on the Distribution and Abundance of Amphibians in Maine," *Conservation Biology*, 12(2):340-52 (1998).

**Mitschka Hartley**, graduate research assistant, and **Malcolm Hunter Jr.**, Libra Professor of Conservation Biology, both of the Department of Wildlife Ecology: "A Meta-analysis of Forest Cover, Edge Effects and Artificial Nest Predation Rates," *Conservation Biology*, 12(2):465-69.

Graduate student **S. Koneshan** and professor **Jayendran Rasaiah** of the Chemistry Department: "Solvent Structure, Dynamics and Ion Mobility in Aqueous Solutions at 25°C," *Journal of Physical Chemistry*, 102:4193-204 (1998). Rasaiah has also published a comment on, "Anomalous Size Dependence of Relaxation Processes," in *Physical Review Letters*, 80:5453 (July 15, 1998). Co-authors are J. Phillips of Bell Laboratories and Joseph Hubbard of National Institute of Standards and Technology (NIST).

**Peggy Schomaker**, associate professor of consumer economics and management: a review, "The Heretic's Feast: A History of Vegetarianism," in *The Journal of Consumer Affairs*, 32:179-82. In addition, "An Assessment of the Housing and Financial Situations of Persons Living with HIV and AIDS," *MAFCS (Maine Association of Family and Consumer Sciences) Newsletter*, 3.

**John Moring**, professor of zoology, Department of Biological Sciences, a book review: *David E. Jackson: Field Captain of the Rocky Mountain Fur Trade* (by Vivian Talbot, Jackson Hole Historical Society and Museum, 1996), in *Journal of the West*, 37(3):106 (1998). Also, Moring and former graduate students **Olivier van den Ende** and **Karen Hockett**: "Predation on Atlantic Salmon Smolts in New England Rivers," *Proceedings of the International Congress on the Biology of Fish: Smolt Physiology, Ecology and Behavior* (S. McCormick and D. MacKinlay, editors) pp. 127-39 (1998).

**Jianhua Jian**, former graduate student, **Dilip Lakshman**, associate scientist, and **Stellos Tavantzis**, professor of plant pathology, Department of Biological Sciences: "A Virulence-associated 6.4-kb dsRNA from *Rhizoctonia solani* is Phylogenetically Related to Plant Bromoviruses and Electron Transport Enzymes," *Molecular Plant-Microbe Interactions*, 11:601-9 (1998).

**M.E. Camire**, associate professor and chair, food science and human nutrition: "Chemical Changes in Extruded Foods: Recent Advances," Ch. 11 in *Processing-Induced Changes in Foods*, ed. F. Shahidi, C.-T. Ho and N. van Chuyen, Plenum Press, pp. 109-121 (1998).

**Patrick McMullen**, assistant professor of management: "Assessment of MBA Programs Via Data Envelopment Analysis," *Journal of Business and Management*, 5:1. In addition: "JIT Sequencing for Mixed-Model Assembly Lines with Setups Using Tabu Search," *Production Planning & Control*, 9(5):504-10; and "Selection of Mutual Funds Using Data Envelopment Analysis," co-authored with Professor of Finance **Robert Strong**, *Journal of Business and Economics Studies*, 4(1):1-12.

**Jeffrey Wilhelm**, assistant professor of literacy education: "Not for Wimps! Using Drama to Enrich the Reading of Young Adult Literature," *The Alan Review*, 25:3 (Spring 1998).

**Howard Segal**, Bird & Bird Professor of History: reviews of *Progress: Fact or Illusion*, edited by Leo Marx and Bruce Mazlish, in *The Historian*, 60:686-7 (Spring 1998), and of Ronald Tobey, *Technology as Freedom: The New Deal and the Electrical Modernization of the American Home*, in *Business History Review*, 71:335-7 (Summer 1998).

**Paula Moore**, director of the Center for Early Literacy, "Reading Recovery Teacher Training: Communities of Learners Engaged in Inquiry," *Network News*, a refereed publication of the Reading Recovery Council of North America (Spring 1998). Moore is a university trainer of Reading Recovery teacher leaders.

**Andrew Whitman**, former graduate student, **Malcolm Hunter Jr.**, Libra Professor of Conservation Biology, and **Jack Witham**, associate scientist, all of the Department of Wildlife Ecology: "Age Distribution of Ramets of a Forest Herb, Wild Sarsaparilla, *Aralia nudicaulis* (Araliaceae)," *Canadian Field-Naturalist*, 112(1):37-44.

## Media Spotlight

## Quaglia on Today

National Center for Student Aspirations Director Russ Quaglia discussed the Center's research and how parents can motivate their children to do better in school when he appeared on *The Today Show* Aug. 17. Quaglia was the lead guest as the international morning news program launched a 20-part education issues series.

## Whittington in U.S. News and World Report

Hudson Museum Director Steve Whittington is quoted in a story in the Aug. 10 issue of *U.S. News and World Report*. The story examines the ways modern anthropologists are adapting and "battling to prove their relevance to contemporary society." Whittington is cited as an example of a physical anthropologist whose work with DNA analysis and other modern processes is "helping skeletons speak with unprecedented eloquence."

## Manev in Business Week

Ivan Manev, assistant professor of management, is quoted in the Aug. 17 issue of *Business Week* for a Science & Technology section story: "Do the Math – It Is a Small World." The article focuses on a mathematical model developed by two Cornell University researchers for turning any large network of components into a "small world." Based on the "six degrees of separation" concept that people are all connected to each other by a chain of six people or less, experts contend the small-world model could be used to simplify complex organizations – from increasing efficiency of corporate giants and speeding up Internet transmissions to explaining the spread of infectious diseases or coordination of nerve impulses in the brain. According to Manev, the model "may also facilitate a faster diffusion of innovation."

## Whittington and Hess in Archaeology

The July/August issue of *Archaeology* included an article, "Emerald Man," by Stephen Whittington, Hudson Museum director, James Vose, and Charles Hess, professor of physics. It discusses scientific tests done on a stone figure that is part of the Hudson's Palmer Collection, confirming that the figure is a 118.5-carat emerald mined in Colombia and imported to Mexico between 900 B.C. and 300 B.C. This is the oldest reported emerald from Mexico or Central America and the only known carved Precolumbian emerald.

## Camire Tapped for OnHealth and Hippocrates

Mary Ellen Camire, chair of the Department of Food Science and Human Nutrition, was interviewed about the health benefits of pineapple for *OnHealth*, an Internet page devoted to health issues (<http://www.onhealth.com>). Camire has studied how pineapple and other foods rich in proteases were used by other cultures to treat infestations with parasitic worms. In addition, a writer for *Hippocrates* magazine interviewed Camire about the efficacy and safety of the "natural" relaxant kava kava. The herb has a long history of use among Pacific Islanders, and has grown in popularity here as an alternative to prescription drugs. Camire suggested that physicians (the magazine's target audience) recommend it only for sporadic or short-term use.

## UMaine Scholarship Program Cited by Washington Post

This summer, UMaine's scholarship program for the valedictorians and salutatorians of Maine's high school classes was cited in a *Washington Post* story as an example of the type of "automatic" scholarships that are gaining popularity around the country.

## Caron in Men's Fitness

Sandy Caron, associate professor of human sexuality, is one of five college sex educators – and the only woman – featured in the September edition of *Men's Fitness* magazine. The magazine bills the Sex on Campus article as perspectives from five of America's best sex education professionals. Others featured are from Miami University, St. Joseph's Seminary in Yonkers, Sam Houston State University, and the University of Maryland School of Medicine.

**John Moring**, professor of zoology, attended the annual convention of the Western Writers of America, June 21-25, in Colorado Springs. He also participated in a book signing for his book, *Men With Sand*, at the Barnes and Noble bookstore in Colorado Springs, June 24.

**James Gilbert**, chair of the Department of Wildlife Ecology, chaired

a meeting of the Atlantic Scientific Review Group for Marine Mammal Protection Act, Sarasota, May 20-23.

**Randall Boone**, former research associate, Department of Wildlife Ecology, and **William Krohn**, leader, Maine Cooperative Fish and Wildlife Research Unit, presented a paper, "Evidence of a Transition Zone in Birds," at the Maine Bird Conference, Lewiston, May 1-2.

**Jonathan Rubin**, co-author of the article, "Bankable Permits for the Control of Environmental Pollution," in the *Journal of Public Economics* has been selected to receive the Outstanding Published Research Award of the Western Agriculture Economics Association for 1997. Rubin, assistant professor in the Margaret Chase Smith Center and Resource Economics and Policy, co-authored the article with Cathy Kling of Iowa State University.

This winter, **Robert Vadas** served as an external reviewer of a Ph.D. thesis for the University of Oslo on the interaction between sea urchins and a nematode parasite. April 15, he attended the formal disputas where he served as second opponent to the thesis. While in Norway he presented a seminar at Rogland Research and Polytechnical Institute in Stavanger. He spoke on "Episodic Recruitment in the Rockweed, *Ascophyllum nodosum*."

**Robert Cobb**, dean of the College of Education and Human Development, and **Paula Moore**, director of the Center for Early Literacy, participated on a panel at a statewide forum on Brain Development in Children Ages Birth to Five, sponsored by the Governor's Service Institutes, May 8 in Belfast. The panel of educators and early learning specialists discussed the role of higher education in getting children off to a healthy start and in responding to communities' needs to help address relevant issues.

**Raymond O'Connor**, professor of wildlife, and **John Bartlett**, graduate assistant, wildlife, presented a poster and paper, "Indexing the Human Dimensions of Global Environmental Change," at Earth's Changing Land-The Second International Open Science Meeting on Global Environmental Change, Barcelona, Spain, March 14-18.

The annual meeting of the Maine College Physics Teachers was April 25, at the Maine Maritime Academy, Castine. Attending from the Department of Physics and Astronomy were: **Kenneth Brownstein**, **David Clark**, **James McClymer**, **Richard Morrow**, **Donald Mountcastle** and **David Sturm**. The following papers were presented: "One-dimensional Multipoles" by Brownstein; "Lecture Demonstration Classification Scheme" by Sturm; and "Algebra-based Introductory Course" by Mountcastle, **Edward Prather** and **Thomas Zeltwanger**.

**Merrill Elias**, professor of psychology, gave a lecture on the "Effects of Chronic Hypertension on Cognitive Functioning" as part of the Conference on the Aging Brain, sponsored by the Geriatric Research and Education Center, VA Medical Center, Minneapolis, April 27-28.

**John Moring**, professor of zoology, and **John Magee**, graduate assistant, both with the Department of Biological Sciences, attended the International Congress on the Biology of Fish in Towson, Md., July 27-30. Moring presented a paper, co-authored by former graduate students **Olivier van den Ende** and **Karen Hockett**, "Predation on Atlantic Salmon Smolts in New England Rivers."

May 8, **Margaret Cruikshank**, adjunct professor of women's studies, spoke on aging issues at the conference, "Maine Women & Health Care: Hidden Faces and New Visions," at the University of New England, Portland.

**Monique Mace Hashey**, Public Affairs creative services coordinator, and **Terri Wlodarski**, adjunct instructor, Department of Communication and Journalism, received awards at the 1998 Annual Maine Media Women Spring Conference in Rockland. Mace-Hashey won second place in the Color Photography/Feature Category. Wlodarski won first place in two categories - Speech/Written & Delivered by Entrant, and Speech/Written for Another's Delivery.



Classified Employees Advisory Council (CEAC) officers this year are, left to right, Cindy Perry, secretary; Sharon Melanson, treasurer; Anne Soule, president; and Robin Parsons, vice president. CEAC's first fall meeting is Sept. 2, Union.

Photo by Nick Houtman

**Lia Daniels**, graduate research assistant, Department of Biological Sciences, presented a paper, co-authored by **John Moring**, professor of zoology, "Food Habits of American Eels (*Anguilla rostrata*, Lesueur) in Freshwater Lakes in Eastern Maine," at the 1998 Northeast Fish and Wildlife Conference, Camp Hill, Penn., May 6.

Graphic designer **Cindy Eves-Thomas**, University of Maine Cooperative Extension (UMCE), received two national graphic design awards as part of the 1998 Agricultural Communicators in Education (ACE) Critique and Awards Program. One was for UMCE's Shaping Our Future Plan of Action fold-out poster, which received a silver award. The other, a team entry, was for UMCE's North Country Garden Calendar. The calendar, which features the work of Master Gardeners Kristin Sader and Robin Betterley and UMCE Ornamental Horticulture Specialist **Lois Berg Stack**, also received a silver award. The entries were among 385 submitted by Extension staff nationwide. Eves-Thomas accepted the awards at the annual ACE Conference in California this summer.

**Sheila Pechinski**, associate dean of the College of Business, Public Policy and Health, presented a workshop, "Team Building for Success," at the Maine State Non-profits Association's Finance Camp held at Sunday River.

**Richard Campana**, emeritus professor of botany, forest pathology and forest resources, was one of six University of Idaho alumni inducted into that university's Alumni Hall of Fame. Membership is given to those who have distinguished themselves throughout the nation and the world. Inductions were May 15 during the Alumni Association commencement banquet in Moscow, Idaho. Campana began his UMaine career in 1958 and has written numerous scholarly articles and papers, especially on Dutch elm disease. His citation was for leadership and dedication to higher education.

**Sarah McPartland-Good** of Hampden has been appointed as planned giving officer with the University of Maine Foundation. Prior to joining the Foundation, McPartland-Good practiced at the law office of Cuddy & Lanham for two years, and at Mitchell & Stearns from 1988-96.

**Douglas Allen**, professor of philosophy, gave lectures on "Self and Other in Hindu and Jewish Philosophy," at Bar Ilan University (Ramat-Gan, Israel) and at Hebrew University (Jerusalem) in April and May. Allen also has been appointed as an editor of the international journal, *Gandhian Studies*, published in Jaipur, India.

**Dr. Mark Jackson**, director of Student Health Services, presented "Tools, Tips and Ideas for Collaborative Design" at the Joint Annual Meeting of the BioCommunications Association and Health Sciences Communications Association, June 10-14 in Portland.

**Neal Hallee**, Cooperative Extension waste management specialist, was named Composting Educator of the Year for his work in the University of Maine Compost School by the State Planning Office and the Maine Resource Recovery Association. The award was presented at the 1998 Recycling & Solid Waste Conference - Recyclathon V, April 14-15, South Portland.

**Marie Hayes**, associate professor of psychology, organized a symposium, "Emergence of Motor Organization in the Fetus and Neonate: Congruent Themes in Animal and Human Models," at the biennial meeting of the International Conference on Infant Studies in Atlanta, April 1-5. In addition, Hayes, **Brian Piper** (graduate student in psychology) and Eastern Maine Medical Center colleagues, Dr. Frederick Wirth and Jamie Cronin presented a poster, "Theophylline and Caffeine Alter Movement Patterning and Behavioral State in Premature Infants."

**Amy Fried**, assistant professor of political science, presented a paper, "Identities, Conflict, and the Practices of Political Culture: How and Why Americans Quarrel Over Their Holidays," at the International Society of Political Psychology Annual Meeting, July 12-15, Montreal.

**Dennis Cox**, professor of music; Vito Mason of American University (emeritus); and Deen Entsminger of Belmont University, were choral clinicians for the Heritage Music Festival, May 1-2, Montreal. Also, Cox and Chantal Masson-Bourque, Laval University Department of Music, were choral clinicians for the Heritage Music Festival, University of Laval, Quebec City.

**Rand Harrington**, assistant professor of physics and education, attended the national meeting of the American Association of Physics Teachers, July 31-Aug. 6 in Lincoln, Neb., where he presented a paper on creating and sustaining a physics education research group within a physics department.

**Jeff Wilhelm**, assistant professor of literacy education, was a featured speaker at the Global Conversations Conference, Bordeaux, France, Aug. 5-7. His topic was "What Do Kids Think about When They Think about Text?" Wilhelm also was the keynote speaker at the National Council of Teachers of English Assembly on Expanded Perspectives on Learning Conference, June 25, Estes Park, Colo., where his topic was "Transforming At-Risk Students through the Arts."

Professor Emeritus of History **C. Stewart Doty's** recent article on French Fascism in Franco-American New England is now cited in the Internet *Encyclopedia Britannica* article on "Fascism."

**Alfred Leick**, professor, Spatial Information, attended a UNAVCO (University Navstar Consortium) meeting in Bolder, Colo., May 11-13, to discuss the establishment of a university-based national GPS (Global Positioning System) network to support weather forecasting. May 18-21 he attended a seminar at the Distrital University of Bogota, Colombia, held as part of the 50th anniversary of the College of Engineering, and gave the presentation, "Toward a Coordinate-Centered Society with GPS and GLONASS."

**Marisue Pickering**, professor of communication disorders, cooperating professor of education, and special assistant to the provost, presented a workshop, "International and Intercultural Relationships," April 29 in Augusta at the Maine International Women's Business Conference.

Members of the Department of Physics and Astronomy - Associate Professor **Donald Mountcastle**, Lecture Demonstration Specialist **David Strum**, and graduate student **Edward Prather** - attended the American Physical Society and the American Association of Physics Teachers joint annual spring meeting April 3-4 at Clark University. The following papers were presented: "Identifying Student Difficulties Related to Radiation and Radioactivity," by Prather and Assistant Professor **Randal Harrington**; and "Tutorials and Electronic Conferencing in a Traditional Physics Course," by Mountcastle, Prather and graduate student **Thomas Zeltwanger**.

**Bob Strong**, professor of finance, was recently elected chairman of the Board of Livada Securities, a Portland-based full-service brokerage firm.

## WOMEN IN THE CURRICULUM 1998 SUMMER GRANTS

The Women in the Curriculum and Women's Studies Program announces the recipients of its summer grants for curriculum revision, research, improvement of academic climate, or focused reading. A total of nearly \$14,000 was granted to these faculty members.

**Laura Artesani**, Instructor in Music, "Women and Music: A Plan for Course Development," a curriculum development grant.

**Amy Fried**, Assistant Professor of Political Science, "Gender and Politics," a curriculum development grant.

**Sandra Gardner**, Associate Professor of Sociology and Department Chair, "Cultural Diversity and Domestic Violence," a curriculum development grant.

**Karen Horton**, Assistant Professor of Mechanical Engineering Technology, "Incorporating 'Success Working on Diverse Teams' into a Course on Manufacturing Technology," a curriculum development grant.

**Naomi Jacobs**, Professor of English, "Nineteenth-Century Women Writers: Cross-Atlantic Dialogues," a curriculum development and research grant.

**John Maddaus**, Associate Professor of Education, "Gender and Adolescent Development," a reading grant.

**Cynthia Mahmood**, Associate Professor of Anthropology, "Women Rebels of Cyprus," a research grant.

**Kathleen March**, Professor of Spanish, "Afro-Hispanic Women Writers of Latin America: Who's Telling?" a reading grant.

**Linne Mooney**, Associate Professor of English, "A Sixteenth-Century Feminist Revision of Chaucer," a research grant.

**Nathan Stormer**, Assistant Professor of Communication and Journalism, "Medical Anti-Abortion Rhetoric," a research grant.

For more information about the WIC grants program or to receive a copy of the call for proposals for the 1999 summer grants, contact Ann Schonberger, x1229, or on FirstClass.

## Genetics *continued from page 11*

powerful new tool for comprehending how genes operate. A student or faculty researcher will be able to sit in front of a computer screen and visualize genes not just as words, but as whole sentences or paragraphs. It will allow scientists to ask new questions in ways that are impossible with existing software.

"There are very few tools that allow us to explore these organizational features, how all genes and other elements work together. What we're developing will give us a better idea of what an organism is capable of doing at the molecular level. That, in turn can lead to a better understanding of overall biology," Bult adds.

The blend of spatial engineering and genetics has opened new possibilities for students and faculty in SIE, according to Beard. "I think it is a great demonstration of the application of this technology across scales. Our students are used to thinking of applications at traditional geographic scales. This project brings home the idea that, in certain cases, the spatial concepts apply whether we are working at a geographic or microscopic scale."

Indeed, adds Bult, the willingness to consider new ideas is a critical ingredient in GenoSIS. "The thing I like about this department is that everyone is interested. There are parallels in other fields. We talk about what's applicable and what's not, and the attitude is, let's give it a shot. I think that's how innovations come about, not by trying to modify the same old pieces. We're trying to go out and get whole new pieces," says Bult.

Bult became interested in the problem of representing genomic information while she was a member of the Research Faculty and the Director of the Molecular Systematics Laboratory at The Institute for Genomic Research. She has worked on the human genome sequencing project and directed a team which determined the DNA sequence of a microorganism, *Methanococcus jannaschii*, a member of a group now classified as one of the fundamental branches on the tree of life.

Bult's achievement earned her recognition from Discover magazine as a "Scientist of the Year" in 1996. ▲

## 11 APPOINTED EMERITUS FACULTY

In June, Chancellor Terrence MacTaggart approved the appointment of 11 emeritus faculty. The emeritus faculty and their years of University service are:

**John Battick**, associate professor emeritus of history, 33 years

**Michael Bentley**, professor emeritus of chemistry, 28 years

**Renate Delphendahl**, professor emerita of German, 29 years

**Kathryn Galanguest**, associate professor emerita of sociology, 11 years

**James Herlan**, lecturer emeritus in French & Canadian studies, 31 years

**Jeremy Johnson**, associate professor emeritus of mechanical engineering, 28 1/2 years

**Wesley Jordan**, head athletic trainer emeritus and associate professor emeritus of physical education, 32 years

**Maxwell McCormack**, research professor emeritus of forest resources, 19 years

**Jerome Nadelhaft**, professor emeritus of history, 30 years

**Laura Riesco-Luszczynska**, associate professor emerita of romance languages, 28 years

**William Rivard**, professor emeritus of mechanical engineering, 12 years



## **BearWorks** *continued from page 1*

better sense of a shared agenda for the campus," says Hoff. "The electronic dialogue that occurred on FirstClass was an unprecedented example of an electronic town meeting where a variety of issues related to the University, its academic and social directions, and its hopes and dreams were discussed via thousands of electronic mail exchanges.

"The campuswide dialogue that took place over BearWorks 1.1 this spring produced good results in the form of this new edition," says Hoff. "Now it is time to move ahead and prove that we are serious about having an action plan, not just a vehicle for debate.

"Last year was the year of input," says Hoff. "This year is the year to make BearWorks happen. The entire community should be prepared to dive into the tasks and priorities set forth in the action plan."

Community dialogue, including that on FirstClass in a new form, will continue to shape BearWorks, which has been described as "a living document" and an ambitious plan that will take a number of years to realize. In introducing BearWorks 2.0, Hoff predicted that new versions will continue to emerge "along with a University transforming itself for the future."

But along with the ongoing dialogue are solid steps forward in achieving Hoff's vision of a university committed to being a land-grant institution with a Maine focus and a human scale, a strong and dynamic university, a collegial community of learners, and Maine's college of choice.

BearWorks also recognizes University of Maine System priorities: meeting aspirations of Maine people; research and programs to stimulate Maine's economy; K-12/university linkages; facilitating transfer of credits; entrepreneurial universities within a cohesive system; strengthening public confidence in the University of Maine System; educating for life and work in the 21st century.

As a result of BearWorks 1.1, the Blue Ribbon Panel to Review the Student Experience at UMaine was established last spring. While its report, issued in April, is still being "digested, evaluated, debated and considered," some recommendations already have been implemented. They include residence hall improvements, more tickets available to students for athletic and cultural events, and greater responsiveness to student interests in food service and other campus services.

A Blue Ribbon Panel Forum with University of Maine President Peter Hoff is scheduled for Sept. 24, 10 a.m.-noon, Lown Rooms, Union.

One of the priorities of BearWorks 1.1 was the establishment and implementation of an integrated, comprehensive institutional marketing plan for the University. Last spring, the University contracted with STAMATS, a national firm specializing in marketing colleges and universities, to do extensive research and help develop a campus marketing plan by winter 1999. This fall, UMaine has moved several steps closer to achieving an institutional "look" or identity with the formal establishment of official University logos and colors.

In BearWorks 2.0, 19 priorities and 61 objectives are outlined for achieving the four overarching institutional goals – better student services, enhancing quality, developing and broadening support, and strengthening leadership and management. BearWorks 2.0 objectives in each of the four areas are cited here.

A full copy of BearWorks 2.0, including the more than 100 actions, also is available on FirstClass.

## **BETTER SERVICE TO STUDENTS**

### **Enrollment**

**Objective 1:** Restore enrollment levels to the point where a critical mass of academic programs is supported and academic excellence is reinforced.

### **Access**

**Objective 2:** All students receive the aid for which they qualify without delays or reason to complain about the process or the award level.

### **Retention**

**Objective 3:** Six-year graduation rates that exceed the average among peer institutions.

### **Student Life**

**Objective 4A:** A blueprint for systematic change and ongoing evaluation regarding student life, including specific steps for improving the quality of campus life with corresponding impact on the recruitment and retention of students.

**Objective 4B:** Create significantly higher demand for on-campus residency options.

**Objective 4C:** A measurably enhanced array of extracurricular opportunities that are geared to expressed student interests and data that show a higher level of participation.

**Objective 4D:** Student satisfaction data over the next five years that document increasing satisfaction with student services and a record of speedy and effective attention to identified problem areas.

## **ENHANCING QUALITY**

### **Academic Quality**

**Objective 5A:** Functioning cycle of academic program reviews that is judged to improve the quality of the curriculum.

**Objective 5B:** Marked and measurable changes and improvements in instructional strategy and pedagogy, measurable improvements in the perceived quality of instruction.

**Objective 5C:** A revamped academic advising system that meets the full spectrum of student needs, including general education, selection of major and specialized advising that takes the student through to degree objectives in an efficient and highly professional manner.

**Objective 5D:** A University community where faculty support and enrich the overall learning experiences of students.

**Objective 5E:** A priority list of new and enhanced programs that is phased in in a timely and systematic manner, funded in part by reallocating each year at least 2% of annual operating budget of low-priority areas to high-priority areas, beginning in FY '99.

**Objective 5F:** A high-quality baccalaureate education for all students, that recognizes and achieves an appropriate balance and integration of general and liberal educational goals with the focus and depth provided by a solid major. Requirements for this education should be streamlined to eliminate unnecessary and inappropriate obstacles. Continued efforts to refine and develop the baccalaureate curriculum should include efforts to support campus diversity goals. We seek a curriculum that prepares all students to live in a diverse national and global community and in one that values equality of opportunity.

**Objective 5G:** Maintain academic rigor and increase the relevance of undergraduate and graduate degrees to today's needs while at the same time simplifying degree requirements, eliminating unnecessary requirements and cutting down on the layers of requirements.

**Objective 5H:** A significant increase in the number of foreign students enrolling at UMaine, and a similar increase in the number of UMaine students who include study abroad in their academic experience.

**Objective 5I:** A four-year graduation rate for UMaine that is measurably improved by Commencement 2002, and which exceeds peer group averages by 2005 (with concomitant improvements in the six-year graduation rate, which has become a national benchmark for inter-institutional comparison).

**Objective 5J:** Teaching fellows program for doctoral students in place by fall 1999.

**Objective 5K:** Achieve re-accreditation from NEASC in 1999 with a minimum of problem areas identified.

**Objective 5L:** Measurably enhanced teaching and learning resulting from institutional planning and commitment to high-quality instruction and academic support.

**Objective 5M:** An organized year-long program for new faculty members, a parallel program for experienced faculty, and a comprehensive staff development program, in place by fall 1999.

**Objective 5N:** An institutional policy on faculty expectations for student academic performance with clear, measurable and rigorous standards in areas such as student class attendance, time on task, written work assigned in courses, mathematics components to courses, computer-technology use related to courses and research/intellectual property dimensions of student performance.

#### **Academic Technology**

**Objective 6:** Students who attend the University of Maine, and faculty and staff members who work at the institution, will enjoy access to academic technology on a par with any New England land-grant university.

#### **Information Resources**

**Objective 7:** A concrete plan for the library of the future and a library budget that adequately and appropriately serves the needs and mission of UMaine, building on the information technology strategy being implemented with statewide coordination.

#### **Research**

**Objective 8A:** At least \$20 million annually in state support for University-based research, double the current level of federal funding by 2002, and a concomitant increase in UMaine's ranking to the national median per FTE faculty and/or per dollar of state personal income.

**Objective 8B:** A comprehensive long-range plan for linking University-based research to Maine's needs, with measurable correlation between programs identified for emphasis and funding levels for research in those programs.

#### **Outreach and Engagement**

**Objective 9A:** A revitalized outreach/engagement mission with a fresh outlook that attracts national attention to UMaine as a model for land-grant universities.

**Objective 9B:** A measurably stronger, more visible, centralized and multi-faceted outreach presence in the more densely populated southern region of Maine.

**Objective 9C:** A full-service outreach center serving the special needs of the citizens, businesses and industries of Maine's rural regions. Measurable increases in services and contacts throughout the state.

**Objective 9D:** Widespread recognition of UMaine as the schools' partner in education research, reform and teacher education, with several full-service professional development schools in operation.

**Objective 9E:** A University whose cultural programs contribute significantly and measurably to the quality of life in Maine.

**Objective 9F:** UMaine will enhance its outreach/engagement role by developing more and better ways to execute it through electronic communications technology.

#### **Diversity and Equal Opportunity**

**Objective 10A:** A faculty and staff more reflective of society and with the perspectives needed to offer students an effective range of mentoring and learning opportunities.

**Objective 10B:** A University community profile which exceeds the diversity profile of northern New England in general, and the northern New England land-grant universities in particular.

**Objective 10C:** Significant increases in institutional support for attracting and retaining faculty and staff who contribute to the quality and diversity of the University community.

**Objective 10D:** A retention rate for minority hires and students that equals or exceeds retention of non-minority hires and students.

#### **Athletics**

**Objective 11A:** An intercollegiate athletics program that challenges, motivates and educates participants in a fair and equitable manner; contributes positively to the mission and needs of the institution; receives and generates revenues sufficient to support it at an appropriately competitive level; and is held in high regard by the internal and external communities.

**Objective 11B:** Competitive intercollegiate athletics programs and recreational facilities that are sufficiently funded for the quality and level of activity desired.

**Objective 11C:** Full Title IX compliance.

**Objective 11D:** Broad-based support for the leadership of the program and goals.

**Objective 11E:** An athletics program that is widely perceived as integrally related to the University's mission and supported across the institution.

#### **The Campus Environment**

**Objective 12:** Students, faculty, staff and visitors will regard the campus as compellingly attractive and well-suited for its function of providing a comfortable and efficient site for learning, discovery and service.

### **DEVELOPING AND BROADENING SUPPORT**

#### **Marketing**

**Objective 13:** A two-year marketing campaign that results in measurable improvement in public perceptions, enrollments, and public and private funding.

#### **Mobilizing Alumni and Other Advocates**

**Objective 14A:** A closer, more loyal, and more committed relationship between alumni and UMaine, and a measurable increase in alumni activity in support of the University.

**Objective 14B:** A strong and effective legislative advocacy network that positions UMaine and UMS as essential, relevant and politically significant.

**Objective 14C:** A Board of Visitors that has respect and influence with legislators, the Governor, Maine's Congressional delegation and the general public.

**Objective 14D:** Measurable increases in external participation in efforts to recruit students.

**Objective 14E:** Annual giving by alumni which exceeds, on a percentage basis, all other New England land-grant universities.

#### **Development**

**Objective 15A:** A successful nine-figure campaign that addresses a significant portion of the University's priority needs.

**Objective 15B:** A campus fully equipped and financially supported to handle anticipated future demands on its facilities resulting from increased student enrollment and retention, increased research activity, expanded outreach services, and technological advances.

**Objective 15C:** Financial aid packages that serve all needy students and compete favorably with other universities for the best students.

**Objective 15D:** A level of academic quality within the faculty and deanships that is as good or better than the other land-grant universities of New England.

### **STRENGTHENING LEADERSHIP AND MANAGEMENT**

#### **Institutional Analysis and Benchmarking**

**Objective 16:** Ongoing and long-term systematic use of data to inform decisions and ensure continuous institutional improvement.

#### **Reward Structure**

**Objective 17:** National recognition for achievement in this area.

#### **Fiscal Health**

**Objective 18A:** Ensure that student services and administrative functions are delivered as efficiently as possible so that maximum amount of resources can be dedicated to teaching, research and service missions.

**Objective 18B:** Maximizing the contribution endowment makes to effecting the desired changes described in this document.

**Objective 18C:** Ensure ongoing state investment in UMaine and UMS as catalysts for meeting Maine's educational, economic and quality-of-life needs.

**Objective 18D:** A System allocation for UMaine that consistently and adequately supports UMaine's distinct and tripartite mission as Maine's land- and sea-grant institution and flagship university.

**Objective 18E:** Move to the midpoint among states in per capita federal funding for higher education.

**Objective 18F:** Double income from entrepreneurial and partnership ventures each year for five years through activities and enterprises that result from or complement UMaine's mission, function and resources.

#### **University Leadership**

**Objective 19A:** An optimum organizational plan that has the relationships and flexibility necessary to best serve the needs of the University.

**Objective 19B:** Senior administrators whose performance has been fairly evaluated to ensure that institutional goals are pursued and achieved. ▲

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

#### FOR SALE

**BEDROOM SET:** '40's "Art Deco" bedroom set (double bed), dresser w/round mirror, armoire, boxspring and mattress w/extra padding for comfort. Asking \$500 or BO. Call 732-5322.

**CONCESSION EQUIPMENT:** Stainless steel Multimixer for milkshakes; "Star" hot dog steamer and bun warmer; BBQ sandwich/soup heater; Stainless steel milk/cream dispenser; electric ice cream maker; "Toasty Bun Cafe" nachos, cheese, chili & bun heater; two steam table hoods; large stainless steel mixing bowls, pots & pans, and utensils used in concession. Call 732-5322.

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

**HOUSE:** 3 Mainwood Ave. Cute, cozy Cape. 2-3Brs. Basement family room. \$87,000 or BO. Call 338-0067 to see. Leave message.

**REFRIGERATOR:** GE 20.7 cubic ft. no-frost refrigerator-freezer. Excellent condition. BO. Call 732-5322.

**TRAILER:** 20' Cadet Coachmen trailer for camping/concession. Complete w/bathroom, stove/oven and kitchen cabinets. Call 732-5322.

#### FOR RENT

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

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

**HOUSE:** Lucerne Lake. 3-BR contemporary, 2 1/2 baths, garage, W/D, furnished. Must see to appreciate. Ideal for faculty or graduate student. Available through May 31. 15 miles to campus. Security deposit/references. \$750/month. Call 860-649-3200.

#### SERVICES

**DAYCARE:** One academic-year slot available for a 2 1/2- to 5-year-old in a family daycare home on Bangor's east side. The

home features a developmentally appropriate curriculum for 7 children. Call 942-7544 for an interview.

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

#### Get the Word Out IF YOU WANT TO GET THE WORD OFF CAMPUS . . .

CALL JOE CARR,  
PUBLIC AFFAIRS  
NEWS COORDINATOR, 581-3571

#### IF YOU WANT TO PUT IT IN PERSPECTIVE . . .

CALL MAINE PERSPECTIVE,  
PUBLIC AFFAIRS, 581-3745

## Positions Available

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

**Remote Sensing - GIS Research Assistant or Associate, School of Marine Sciences.** One-year position, with renewal dependent on availability of future research funding and satisfactory performance. Qualifications: Preferred: M.Sc. in spatial information systems, remote sensing or some aspect of physical geography, earth science or resource management making use of GIS systems and remote sensing technology. Acceptable: B.Sc./B.A. (or technical college diploma) with equivalent "hands-on" skills, training and experience. Excellent communication skills, both written and oral, essential. Salary Range: \$24,000-\$28,000. Review of Applications: Began 8/27/98 and will continue until a suitable applicant is found. Start Date: As soon as possible. Contact: Send detailed resume, names, addresses and phone numbers of two references, and brief letter describing background, interests and suitability for the position to: Andrew Thomas, School of Marine Sciences, University of Maine, 5741 Libby Hall, Orono, ME 04469-5741. Or e-mail to: thomas@maine.maine.edu

**Coordinator, Graduate Outreach Program, College of Education and Human Development.** Half-time professional position. Qualifications: Doctorate in Education and experience in the following: teaching graduate and undergraduate courses in curriculum and instruction, preparing teachers to implement Maine's Learning Results, using technology relevant to classroom instruction and distance learning, coordinating programs in higher education. Ability to travel, normally requiring driver's license. Salary: \$18,000. Review of Applications: Will begin 9/21/98 and continue until the position is filled. Start Date: Position available immediately. Contact: Send resume and names of three references to: Chair, Graduate Outreach Program Search Committee, University of Maine, Room 141, 5766 Shibles Hall, Orono, ME 04469-5766.

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

## UMaine Cooperative Extension

### Steps to Good Nutrition

In every county throughout the state, people can participate in "10 Steps to Good Nutrition" in the University of Maine Cooperative Extension's Learn-by-Mail series.

The Learn-by-Mail series, the first for UMaine Cooperative Extension, is a correspondence program designed to meet the needs of rural residents. In particular, the nutrition education series helps Extension reach even more of the state's food stamp clients.

"10 Steps to Good Nutrition" started in Aroostook County and became a statewide program last year. In 1997, the program reached 427 families in the Maine Family Nutrition Program of Extension's Limited Income Nutrition Education Program.

"One-on-one contact between nutrition aides and families is still ideal," according to Phyllis Drum, Extension nutrition associate who is based in Orono and who oversees the statewide program. "A Learn-by-Mail series is another way of reaching rural communities. And with Welfare-to-work programs, more clients don't have as much time to have aides come into the home.

"Through this program, people are still able to communicate with aides one-on-one. We have tried to personalize it."

Participants in the program correspond in writing or by phone with Extension nutrition aides, who are responsible for coordinating the initiative in the counties. Each of the 10 nutrition brochures in the series features interesting graphics, easy-to-read information about nutrition, recipes and worksheets. Participants complete the worksheets and send them back to their county offices, where nutrition aides evaluate participants' progress, provide feedback and answer questions. With the return of each worksheet, the next brochure in the series is issued.

The brochures focus on 10 areas in nutrition education: healthy food choices; label reading and setting a healthy table; grains - bread, cereal, rice and pasta; "five-a-day" fruits and vegetables; "building blocks" - the two food groups containing milk and meat; controlling fat, sugar and sodium in your diet; meal planning using the food guide pyramid; saving money on food; food safety; and creative snack ideas.

At the beginning and end of the series, participants are asked to "Rate Your Plate" in accordance with the daily recommended food choices in the USDA's Food Guide Pyramid.

"The goal is to help people adopt healthier eating habits, stretch their food budget, and plan meals and snacks using the Food Guide Pyramid," says Drum.

## **Administrators** *continued from page 2*

the United States Military Academy at West Point from 1986-91.

Duringer received an M.B.A. in organizational behavior from Indiana State University in 1979.

In other administrative appointments, Mark Anderson has been named interim vice president for Student Affairs. Anderson spent the past academic year serving as interim chief financial officer for the University.

Anderson joined the University community in 1978 as a graduate student in agricultural and resource economics. Two years later, he was named a research associate in the Department of Agricultural and Resource Economics. In 1982, he was appointed assistant administrative officer of the Experiment Station and the then College of Life Sciences and Agriculture. Anderson was promoted to associate director for administration in 1989.

Prior to joining the administration last year, Anderson spent almost 15 years as a cooperating assistant scientist, instructor in the Department of Resource Economics and Policy, and coordinator of the Natural Resources Program of the College of Natural Sciences, Forestry, and Agriculture.

Chet Rock has been named interim dean of the College of Engineering. Rock received a Ph.D. in civil engineering from the University of Washington in 1974 and worked as an environmental engineer prior to joining UMaine's engineering faculty.

As professor of civil engineering, Rock served as chair of the Department of Civil and Environmental Sciences from 1991-96. He was named associate dean of the College of Engineering in 1997. ▲

## **Maine Studies** *continued from page 7*

poverty, schools and social services. The topics we focus on, both past and present, are real and lead to a deeper appreciation of Maine's people and institutions."

For example, the Maine woods are important to artists and folklorists, workers and businesses, scientists and environmentalists, says Toner. "All add to our understanding of the woods."

The certificate program speaks to people's interests in their home state, says Toner. To many nontraditional students who live in Maine and have a working knowledge of the state, these courses may feel more accessible and will be a good introduction – or reintroduction – into university coursework.

The certificate program also might help educators in grades 6-12 who have a state mandate to teach Maine Studies, says Toner. In addition to helping social studies teachers in Maine meet the state requirement, Maine Studies courses are expected to similarly benefit people working in government, business and social services in Maine.

"The goal is to look critically and analytically at Maine culture and history," says Toner. "The result will be heightened awareness and a better understanding of Maine that can inform people's professional and personal lives."

Maine Studies will be available to students throughout the state via interactive television and Web-based courses. Students also may take courses on the Orono campus through the Continuing Education Division.

As part of the program, a Maine Studies Website will be created for students in Maine-related courses to contribute information, resources and research to a database about the state. The database containing multidisciplinary information will one day become an information resource on Maine.

Maine Studies is the third certificate program offered by the Division of Lifelong Learning. The others are in Classical Studies and Post Graduate Studies in Business Administration. ▲

## **Stadium and Field** *continued from page 7*

are also molded chairback seats available to preferred donors and season-ticket holders. The molded chairs are mostly blue with some white seats forming a large letter M. The aisles throughout the stadium are considerably wider than those of the previous structure, allowing for increased traffic flow. All of the seats provide an unobstructed view of the field.

▼ New restrooms – more than double the number, a ticket office and concession stands under the grandstand. The entrance to the elevator is also located in this area, providing handicap access to the mezzanine, luxury and press box areas.

▼ The new press and luxury box level, approximately 90 feet off the ground, providing both a great view of contests and the entire athletic complex.

▼ The building's top level, devoted to media, including booths for four radio stations, a television broadcast area, and a print media room. There are also operations, coaches and statistician booths. On the pressbox level are a restroom, elevator entry, media workroom, small kitchen and storage areas.

▼ The lower level, with eight luxury boxes and a University administration box. Each box is similar to the boxes in Alford Arena, featuring theatre seating and a television with cable access.

▼ Astro turf playing surface identical to the best artificial fields in football and field hockey. Division I football powers Wisconsin and Nebraska recently had the same surface installed. The field provides cushion and has a drainage system for inclement weather. Special vacuums have been purchased to keep the field in the best possible condition.

▼ The new Daktronics scoreboard on Morse Field at Harold Alford Stadium, donated as a gift-in-kind from Phillip and Susan Morse. The scoreboard can provide information for football, field hockey, and track meets and can also provide simple animation. The back of the scoreboard facing campus features a message center to promote upcoming campus and athletic events. ▲

## **Fogler Library** *continued from page 6*

▼ The current Science and Engineering journals are in the Current Periodicals Room.

▼ Current newspapers are in the Current Periodicals Room.

▼ The popular reading collection from the Oakes Room is in the new section of the first floor near the elevators.

▼ The computer cluster is relocated to the first floor of the new section.

▼ During September and the first part of October, access to some materials in various locations throughout the library will be temporarily cut off while sprinklers and fire alarm wiring are installed. Materials could be inaccessible for a day or more at a time.

▼ Later in the semester, all current periodicals and LMC material will be moved to the first floor while the Current Periodicals Room and Lynch Room are renovated.

▼ Moosehead Road, the road that runs next to the library on the west side, will be closed to through traffic during the project.

It is hoped that this renovation work will be followed during the next few years by a project to build a new library addition on the south end of the present building

For updates on the renovation project, contact: Joyce Rumery (581-1676) or Sam Garwood (581-1668), see the Fogler Library section on FirstClass, or check the Fogler Web: (<http://libraries.maine.edu/oroabout/renovate.htm>). ▲



## Sponsored Programs

**Maine Arts Commission's Discovery Research Grants** award up to \$10,000 to assist communities in discovering local cultural resources. Eligible projects include cultural assessments, cultural planning, cultural inventories, and/or folklife field research. Letters of intent are due Sept. 24; applications, Oct. 9.

**Engineering Foundation's Grants for Exploratory Research** provide seed funding for innovative engineering research that falls outside the scope of conventional funding sources. Maximum award: \$25,000 per year for up to two years. Deadline: Oct. 1.

**American Council of Learned Societies' fellowships** provide up to \$25,000 for junior scholars and up to \$35,000 for senior scholars for six to 12 months of full-time research in the humanities and humanities-related social sciences. Deadline: Oct. 2.

**German-American Academic Council Foundation** awards up to \$50,000 to support research projects conducted collaboratively by German and U.S. scholars in the humanities and social sciences. Grants must be matched by funds from U.S. sources. Deadline: Oct. 30.

**Graham Foundation** makes grants for publications, exhibitions, scholarly research, symposia, and other activities focused on

architecture and the built environment. Most awards do not exceed \$10,000. Deadline: Jan. 15.

**National Science Foundation** supports research on theories, concepts, and methodologies of innovation and organizational change. Proposers must work with partner organizations in industry, education, healthcare, government, or service. Anticipated average award: \$75,000 per year for one to three years. Deadline: Feb. 1.

**National Institutes of Health** seek research applications on the relationships between socioeconomic status and physical and mental health and functioning over the life course and across generations. Program goals include improvements in conceptualizing and measuring SES, specifying relationships between SES and health, and understanding the bidirectional relationship in different population groups.

**For more information, call Research & Sponsored Programs, 581-1476, or visit our website: [www.ume.maine.edu/~spd/index.html](http://www.ume.maine.edu/~spd/index.html)**

### PARKING DECALS ON SALE

Parking decals are on sale in the Public Safety Parking Coordinator's Office 7:30 a.m.-6 p.m., Sept. 7-10. All other days, the hours are 7:30 a.m.-5 p.m.

Again this year, employees can purchase decals via campus mail by filling out and returning the application forms they received last month.

## Directory Changes

**The University of Maine Foundation** has moving to the Fleet Bank Building in Bangor. New address: P. O. Box 2220, Bangor, ME 04402, or 80 Exchange St., 6th Floor, Bangor, ME 04401. Telephone and fax numbers remain the same.

**Office of Equal Opportunity** has moved to 101 North Stevens Hall. Telephone and fax numbers remain the same.

**Sherman Rosser Jr.**, Executive Director of University Recruitment, President's Office, 200 Alumni Hall, x1512. E-mail: [rosser@maine.maine.edu](mailto:rosser@maine.maine.edu)

**Kay Saucier**, Secretary, President's Office, 200 Alumni Hall, x1512. E-mail: [kay.saucier.umat.maine.edu](mailto:kay.saucier.umat.maine.edu)

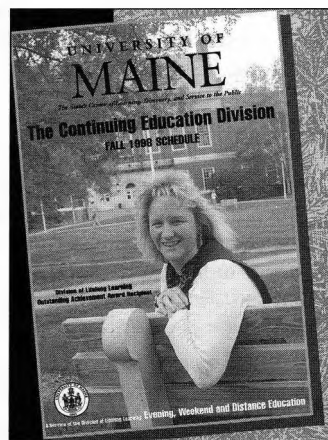
**Professor Emeritus of History C. Stewart Doty**, new e-mail address: [csdoty@aol.com](mailto:csdoty@aol.com)

The following people have moved from Dunn Hall to Memorial Gym:  
**Athletic Business Office** – Betty Donovan, x1054; Debbie Eastman, x4063; Dino Mattessich, x1050; Sue Randall, x1544; fax 581-3990.  
**Athletic Director's Office** – Jackie Jones, x1058; Ellen Johndro, x1052; Sue Tyler, x1057; new fax number, 581-3070.

### WOMEN OF THE WORLD

Women of the World, a support group for international women in the greater Bangor area, will hold its first luncheon meeting of the academic year at noon, Sept. 14, in the Church of Universal Fellowship, Main Street, Orono. This luncheon will feature Japanese food and is open to all women residing in this area of Maine. The cost of the meal is \$4; young children welcome to attend at no cost.

**Send notices of upcoming campus events and any fall schedules to *Maine Perspective* for inclusion in the UMaine Calendar.**



**Continue your education at the University of Maine this fall.**

For more information contact the Continuing Education Division of UMaine at 207-581-3143 or check our web site <http://www.ume.maine.edu/~ced/lifelongtop.html> or write  
The University of Maine  
Continuing Education Division  
5713 Chadbourne Hall  
Orono, ME 04469-5713

## What's Ahead

**ANNUAL PRESIDENT'S BREAKFAST**  
September 9

**MUSEUM OF ART RECEPTION**  
September 11

**BACKYARD JAM**  
September 11

**ANNUAL GRADUATE SCHOOL PICNIC**  
September 16

**FAMILY AND FRIENDS WEEKEND**  
September 25-27

MAINE Perspective

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