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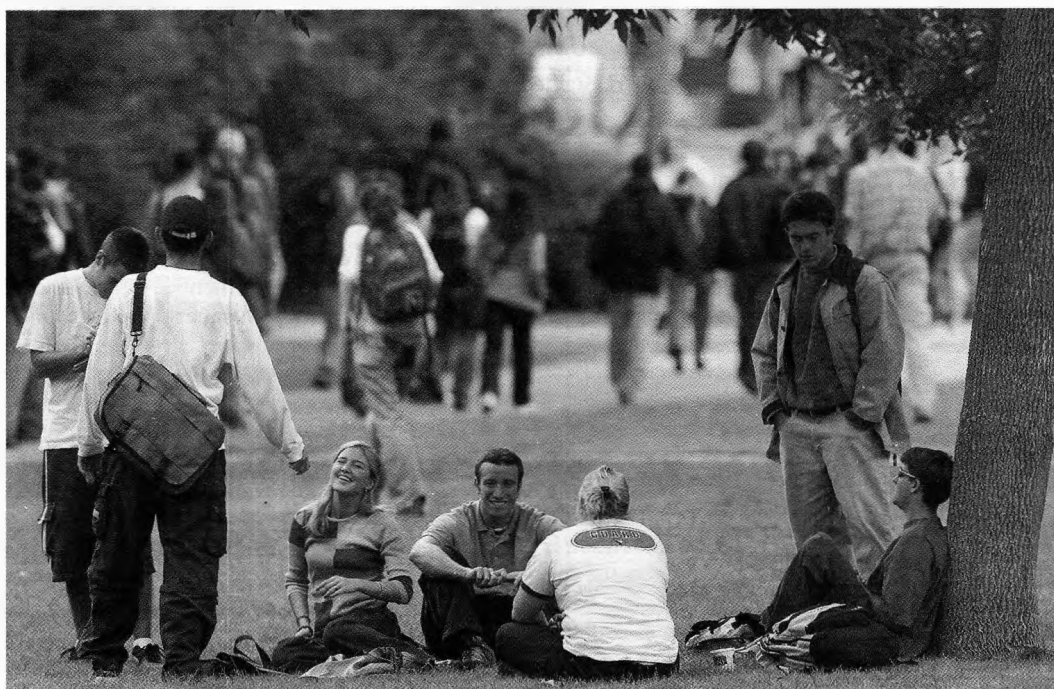
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On the Mall

Photo by Monty Rand

Hoff outlines long-range goals for UMaine

Increased emphasis on research, greater engagement with all University constituencies, and offering all undergraduates a first-class, broad-based liberal education are the keys to sustaining the University's progress and fulfilling its potential as Maine's most essential, relevant and valuable educational resource, said UMaine President Peter Hoff in his State of the University of Maine Address Sept. 20.

"Ours is a university that has more potential than any other educational institution in Maine," he said. "Through research and engagement, we will work continuously to help create the kind of state where citizens of all ages can find satisfying and rewarding career opportunities, and an attractive quality of life."

Speaking at Minsky Recital Hall, Hoff said growth in R&D funding and activity has been most successful in repositioning and redefining the University. For the first time in the institution's history, extramural support for UMaine research surpassed \$40 million in fiscal year 2000.

By the end of the decade, Hoff predicted that sponsored research at the University can achieve an annual level of \$100 million with the help of federal funds and state matching grants.

"Some of that growth should result from successful efforts to engage the University more in the wide number of bioscience and biotechnology areas, as well as other health-related areas," he said. "Along with the funding, the result of this activity should be significant increases in patent

and copyright activity, as well as regular and frequent spinning-off of new business ventures, based on UMaine-held intellectual property rights."

Hoff not only called for greater engagement in new and broader research areas, but engagement with the public as a means of disseminating knowledge gained through research. Such public outreach through engagement would shift from the traditional model of simply delivering information and services to the public.

The philosophical shift echoes a report, *The Engaged Institution*, issued last year by the Kellogg Commission on the Future of State and Land-Grant Universities, of which Hoff was a member. According to the report, engaged universities have redesigned their teaching, research and service functions to be more productively involved with their many constituencies.

Such engagement also would take the form of

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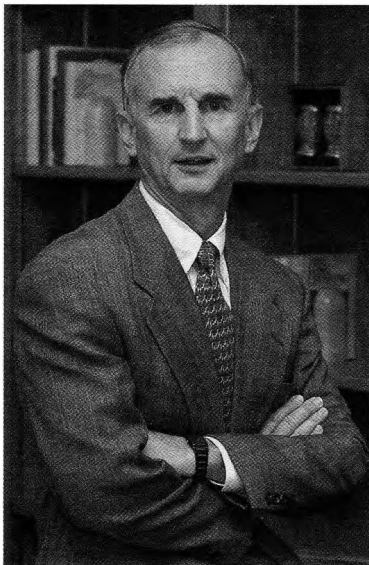
A transcript of the State of the University of Maine Address links off the UMaine homepage (www.umaine.edu)

In Perspective

- 2 New Provost
- 8 New Faculty
- 9 In Focus: Sustainable Landscapes

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





Robert Kennedy

Photo by Monty Rand

The nature of modern land-grant institutions

Engaged with many constituencies for short-term needs, long-term objectives

Robert Kennedy says he intends to stress collaboration throughout campus, and between the University and outside entities during his first year as UMaine's new vice president for academic affairs and provost.

Kennedy, who recently joined the University after eight years as vice president for research and associate provost for graduate studies at Texas A&M, says his definition of collaboration is broad, and reflects the fundamental

nature of a modern land-grant university – one engaged with many constituencies for short-term needs as well as long-term objectives.

"Throughout my career, I have been pulled in the direction of land-grant institutions," says Kennedy. "Land-grant institutions tend to attract faculty members who are interested in working with people and appreciate the role of public higher education to citizens of the state.

"With our society becoming more complex, concerned with social and technological issues, and part of a global community, land-grant universities like the University of Maine can draw on their historical roots and strengths to serve as well in the coming century – maybe even more so – as they did in the last."

Kennedy's land-grant experience and commitment to its tenets resonate with those of UMaine President Peter Hoff. Kennedy is dedicated to access, which ensures that the educational needs of the state's citizens are met. Throughout his life, Kennedy says he increasingly appreciated the growing role in society of formalized higher education through service to the state, and the impor-

tance of informal non-classroom learning opportunities that result in the development of the whole person. As UMaine's chief academic officer, Kennedy's focus is on students, academic excellence and serving the broader educational needs of citizens in the state.

In addition to providing access to education, land grants were created with an express mission of discovering new knowledge for the betterment of society, and with responsibility for disseminating that benefit through applied research, technology transfer and direct service. Kennedy believes in interdisciplinary partnerships that create synergy and lead to discoveries. It isn't always a matter of coming up with new ideas, he says, but in making connections in the University and with outside groups, all with an eye toward what is best for students and the state.

We need to look at partnerships, student contributions, and the unique opportunities available in a university setting to prepare for the future.

Increasingly in the past three years, the University has sought such collaborations as part of its land-grant responsibility to promote the social and economic well-being of the state through research and outreach. Examples of these partnerships: a new molecular genetics program involving UMaine, Jackson Laboratory, Maine Medical Center Research Institute and the University of Southern Maine; federal funding to UMaine, in consortia with 12 local education administrations, for Project Mainestay to meet the needs of non-English heritage language students; the UMaine and Bangor partnership that could result in a downtown home for the Museum of Art; and formation of the K-12 Task Force for evaluation of teacher training, which is analyzing UMaine's role in the state's K-12 education.

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Emerita professor's bequest to support Canadian studies

Professor Emerita of History Alice Stewart, who passed away in January, has left a bequest of \$460,000 to the University of Maine Foundation to support Canadian studies.

The bequest comprises two endowments. One will be used to support a graduate student fellowship in Canadian history; the other will be used to purchase materials for the Canadian collection in Fogler Library.

A co-founder of the Canadian-American Center in 1967, Stewart was a vital force in the development of Canadian studies at the University of Maine. She founded the Canadian history graduate program, and spent her later years overseeing the development of the Canadian collection in the library.

Today, the Canadian history graduate program is one of only two in the country, while the Canadian collection is one of the finest anywhere.

Her bequest not only enhances an already outstanding Canadian studies program, but ensures that her contribution to the program will be a lasting one, according to Stephen Hornsby, director of the Canadian-American Center. ▲

MAINE PERSPECTIVE PUBLISHING SCHEDULE

Publication dates and deadlines for fall issues of Maine Perspective are

Oct. 16 (copy deadline Oct. 4); Oct. 30 (copy deadline Oct. 18);

Nov. 13 (deadline Nov. 1); Nov. 27 (deadline Nov. 15);

Dec. 11 (deadline Nov. 29).

MAINE Perspective

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MAINE Calendar

<http://calendar.umaine.edu>

All events are free and open to the public, unless specified. Any speaker not otherwise identified is a member of The University of Maine faculty, staff or student body. Send notices of upcoming campus events to: The University of Maine Master Calendar, Public Affairs. For the most up-to-date calendar listings, see <http://calendar.umaine.edu> or call 581-3745.

OCTOBER 6 - 22

6 Friday

Dedication of the Sen. George J. Mitchell Center for Environmental and Watershed Research, featuring a keynote address by Sen. George Mitchell, 10 a.m., Oct. 6, Hutchins Concert Hall. Free tickets available by calling the Maine Center for the Arts Box Office. x1755.

"The Deglacial Dip in Atmospheric d13C and Implications for Glacial-Interglacial Changes in Atmospheric CO2," by Robert Toggweiler, Geophysical Fluid Dynamics Laboratory, NOAA, Princeton, part of the SMS Seminar Series, 11:15 a.m.-12:30 p.m., Oct. 6, 100 Bryand Global Sciences Center. x4381.

Performance by Guitarist David Harris, part of the TGIF Music Series, noon-1 p.m., Oct. 6, Bangor Lounge, Union. x1793.

"Distribution and Impact of the Flat Oyster Parasite in Maine, and Its Detection Using DNA Probes," by Ryan Carnegie, candidate for graduate degree in marine biology, 1 p.m., Oct. 6, 100 Bryand Global Sciences Center.

"Aquatic Models for Human and Environmental Health: A Comparative Molecular Approach," by Rebecca Van Beneden, School of Marine Sciences and BMMB Department, part of the Department of Chemistry Colloquium Series, 2 p.m., Oct. 6, 316 Aubert Hall. x1169.

"Viscoelastic Properties of Pigmented Latex Coatings," by Maria Katharine Prall, candidate for Ph.D. in chemical engineering, 2 p.m., Oct. 6, Soderberg Center, Jenness Hall.

Men's Soccer: UMaine vs. Northeastern, 3 p.m., Oct. 6. xBEAR.

Fall Break Begins, 5 p.m., Oct. 6.

7 Saturday

AMGA Top Rope Site Manager Course, a Maine Bound program, Oct. 7-10, Eagle Bluff, Clifton. Admission Fee. Preregister required. x1794.

Appalachian Trail Traverse, a Maine Bound program, Oct. 7-10. Admission Fee. Preregistration required. x1794.

East Branch Canoe Trip, a Maine Bound program, Oct. 7-10. Admission Fee. Preregistration required. x1794.



Maine-based composers Beth Wiemann and Elliot Schwartz will be in the audience when violinist Anatole Wieck performs two of their works in a recital Friday, Oct. 20. *Swan Song*, written by Wiemann, assistant professor of music, will premiere at the 7:30 p.m. concert in Minsky Recital Hall. Commissioned by Wieck, associate professor of music, the work for violin uses excerpts from bird songs as the basis for the electronic accompaniment. *Prelude, Aria and Variations* for violin and percussion is by Schwartz, the Robert K. Beckwith Professor of Music at Bowdoin College.

Living History Days, featuring traditional crafts and re-enactment of pioneer life in Maine, Oct. 7, Leonard's Mills, Bradley. x2871.

Murray Keatinge Invitational, men's and women's cross country, Oct. 7. xBEAR.

New Hampshire on the Rocks, a Maine Bound program, Oct. 7-10. Admission Fee. Preregistration required. x1794.

8 Sunday

Living History Days, featuring traditional crafts and re-enactment of pioneer life in Maine, Oct. 8, Leonard's Mills, Bradley. x2871.

Men's Soccer: UMaine vs. Boston University, 1 p.m., Oct. 8. xBEAR.

10 Tuesday

Application Deadline for Learning Circles, a Center for Teaching Excellence program, Oct. 10, 212 Crossland Hall. x3472.

"Attracting New Business to Maine: How Does Maine Stack Up?" by L. Joseph Wischerath, executive vice president, Maine and Company, part of the Emerging Business Issues Monthly Breakfast Series, 7:30-9 a.m., Oct. 10, Bangor Motor Inn and Conference Center, 701 Hogan Road. Admission Fee. Reservations required. x1968.

VALIC Employee Group Meeting, with Jane Brann, VALIC retirement planning specialist, 10 a.m.-2 p.m., Oct. 10, 220 Corbett Hall.

11 Wednesday

Classes Resume, Oct. 11.

Campus Observance of National Gay Lesbian Bisexual Transgender Coming Out Day, Oct. 11.

"Auditioning for the Chorus Line: Migrant Labor and Gendered Modernity in Rural Thailand," by Mary Beth Mills, associate professor of anthropology, Colby College, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Oct. 11, Bangor Lounge, Union. x1228.

Get Real, part of the Cinematique Independent Film Series, 7 p.m., Oct. 11, Devino Auditorium, Corbett Business Building. x1793.

Performance by Robert Mirabal, award-winning Native American flutist and composer, part of the Maine Center for the Arts performance season, 7 p.m., Oct. 11, Hutchins Concert Hall. Admission Fee. x1755.

Candidates Debate, debate between candidates for Congress in Maine's Second District, offered by the Margaret Chase Smith Center for Public Policy, 8 p.m., Oct. 11, Minsky Recital Hall. x1648.

12 Thursday

"Urban Sprawl," by Sherman Hasbrouck, former urban planner in New Haven and Minneapolis, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon, Oct. 12, Page Farm and Home Museum. x4100.

"U.S. Citizens: Guinea Pigs in an Unprecedented Biological Experiment," by C.R. Lawn, farmer and founder of FEDCO Seeds, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Oct. 12, Bangor Lounge, Union. x3860.

Introduction to PhotoShop, a Fogler Library Web and Desktop Publishing Workshop, 2-4 p.m., Oct. 12, Computer Classroom, Fogler Library. Admission Fee. Registration required. x1696.

13 Friday

FrontPage I, a Fogler Library Web and Desktop Publishing Workshop, 10 a.m.-noon, Oct. 13, Computer Classroom, Fogler Library. Admission Fee. Registration required. x1696.

"The Oceanography of Georges Bank in Relation to Production of Cod and Haddock," by Dave Townsend, part of the SMS Seminar Series, 11:15 a.m.-12:30 p.m., Oct. 13, 100 Bryand Global Sciences Center. x4381.

2nd Annual International Graduate Student Conference, first day of a two-day conference featuring graduate scholars from UMaine and the University of New Brunswick, coordinated by the Canadian-American Center, noon-5 p.m., Oct. 13, Soderberg Center, Jenness Hall.

TGIF Music Series, noon-1 p.m., Oct. 13, Bangor Lounge, Union. x1793.

"Solar-Powered Sea Slugs," by Mary Rumpho, BMMB Department, part of the Department of Chemistry Colloquium Series, 2 p.m., Oct. 13, 316 Aubert Hall. x1169.

"Analyzing State Tax Systems," by Matthew Murray, chair of the Center for Business and Economic Research, University of Tennessee, offered by the Margaret Chase Smith Center for Public Policy, 3 p.m., Oct. 13, 115 Corbett Business Building. x1648.

Women's Soccer: UMaine vs. Hartford, 3 p.m., Oct. 13. xBEAR.

Community Fun Swim, a Fitness and Family Event of the Intramural/Recreational Sports Department, 7-9 p.m., Oct. 13, Wallace Pool. x1793.

Men's Hockey: UMaine vs. North Dakota, 7 p.m., Oct. 13, Alfond Arena. Admission Fee. xBEAR.

"Ghosts!" by paranormal expert Peter Jordan, offered by the Center for Students and Community Life, 8-10 p.m., Oct. 13, 101 Neville Hall. x1793.

Performance by the United States Air Force Band and Singing Sergeants, offered by the School of Performing Arts, 8 p.m., Oct. 13, Hutchins Concert Hall. Up to four free tickets per person available at the Maine Center for the Arts Box Office.

14 Saturday

Fall Colors Women's Day Hike, a Maine Bound program, Oct. 14, Acadia National Park. Admission Fee. Preregistration required. x1794.

Rock Climbing: Learn to Top Rope on Your Own, a Maine Bound program, Oct. 14, Acadia National Park. Admission Fee. Preregistration required. x1794.

Surf Zone Clinic, a Maine Bound program, Oct. 14. Admission Fee. Preregistration required. x1794.

Black Bear Leadership Conference, 9a.m.-3 p.m., Oct. 14. Registration required. x1793.

2nd Annual International Graduate Student Conference, second day of a two-day conference featuring graduate scholars from UMaine and the University of New Brunswick, coordinated by the Canadian-American Center, 9 a.m.-4 p.m., Oct. 14, Soderberg Center, Jenness Hall.

Volleyball: UMaine vs. Hofstra, 1 p.m., Oct. 14, Gym. xBEAR.

Women's Ice Hockey: UMaine vs. Bemidji State, 2 p.m., Oct. 14, Alfond Arena. xBEAR.

Field Hockey: UMaine vs. Northeastern, 3 p.m., Oct. 14, Alfond Stadium. xBEAR.

Men's Hockey: UMaine vs. North Dakota, 7 p.m., Oct. 14, Alfond Arena. Admission Fee. xBEAR.

Classical Celebration of Amazing Women, featuring compositions by women composers, performed by Bangor Symphony Orchestra women musicians, conducted by Kay Gardner, 7:30 p.m., Oct. 14, Hutchins Concert Hall. Concert preview by David Klocko, 6:30 p.m., Bodwell Lounge, Maine Center for the Arts.

15 Sunday

Fall Colors Acadia Day Hike, a Maine Bound program, Oct. 15. Admission Fee. Preregistration required. x1794.

Women's Soccer: UMaine vs. Vermont, noon, Oct. 15. xBEAR.

Volleyball: UMaine vs. Hartford, 1 p.m., Oct. 15, Gym. xBEAR.

Women's Ice Hockey: UMaine vs. Bemidji State, 2 p.m., Oct. 15, Alfond Arena. xBEAR.

Candidates Debate, debate between candidates for U.S. Senate from Maine, offered by the Margaret Chase Smith Center for Public Policy, 8 p.m., Oct. 15, Minsky Recital Hall. x1648.

16 Monday

The University of Maine Open House, for prospective students and their parents, 8 a.m., Oct. 16, Maine Center for the Arts.

"Slow Plants in a Fast Forest: A Modeling Approach to Metapopulation Persistence in Spatially and Temporally Dynamic Ecosystems," by Glenn Matlack, Department of Biology, University of Southern Mississippi, part of the Department of Wildlife Ecology Seminar Series, noon, Oct. 16, 204 Nutting Hall. x2862.

"Poverty and Hunger: The Tragic Link," the 17th Annual World Food Day Teleconference from Washington, D.C., highlighted by a "Conversation with Professor Amartya Sen," 1998 Nobel Prize winner in economics, noon-3 p.m., Oct. 16, 126 Barrows Hall.

"Politics as Usual?" focusing on the upcoming election, part of the Brown Bag Discussion Series, 12:15-1 p.m., Oct. 16, Lown Room, Union. x1793.

Ongoing Events

Exhibits/Demonstrations/Tours

Jump Into It (water as muse), a University of Maine Museum of Art exhibit featuring 79 works from the Permanent Collection, through Oct. 21, Carnegie Hall. x3255.

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

Entertainment

Luv, a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, Oct. 18-21, Hauck Auditorium. Admission Fee. 581-1755.

Meetings of Groups/Organizations

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

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

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

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

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

Muslim Prayer, noon-2 p.m., every Friday, Drummond Chapel, Union. 581-1793.

Orono Farmers' Market, 8 a.m.-1 p.m., every Saturday (through Nov. 18); 2:50-3 p.m., every Tuesday (through Oct. 31); Steam Plant Parking Lot. 827-2225.

Relaxation and Meditation Practice, for employees, 4:45 p.m., every Monday, two sessions (through Nov. 6 and Nov. 13-Dec. 18), offered by EAP, Employee Assistance Program Office, 126 College Ave. Register by calling x4014.

Relaxation and Meditation Series, for students, 4-5 p.m. every Tuesday, Drummond Chapel, Union. x1392.

Yoga, led by Barbara Lyons, Hatha Yoga instructor, noon-1 p.m., every Friday, two sessions (through Oct. 27 and Nov. 3-Dec. 15), offered by EAP, Dexter Lounge, Alfond Arena. Register by calling x4014.

17 Tuesday

VALIC Employee Group Meeting, with Jane Brann, VALIC retirement planning specialist, 11 a.m.-2 p.m., Oct. 17, 220 Corbett Hall.

"Advising Students," a Center for Teaching Excellence New Faculty Luncheon with Patty Counihan, Michelle Olexa and Ann Smith, intended for faculty at UMaine fewer than three years, noon-1:30 p.m., Oct. 17, Mahogany Room, Wells Conference Center. Registration required. x3472.

President Hoff's Open Office Hour, 2 p.m., Oct. 17, 200 Alumni Hall. Call to confirm date. x1512.

"Environmentally Benign Manufacturing: What Is It and Why Is It Important?" by Tim Gutowski, professor of mechanical engineering and director of MIT's Laboratory for Manufacturing and Productivity, offered by the Department of Chemical Engineering, 2 p.m., Oct. 17, 101 Neville Hall. x2277.

Coffeehouse Music Cafe with Dave Hall, 8 p.m., Oct. 17, Hilltop Commons. x1793.

18 Wednesday

Scanning, a Fogler Library Web and Desktop Publishing Workshop, 10 a.m.-noon, Oct. 18, Computer Classroom, Fogler Library. Admission Fee. Registration required. x1696.

"Whose Business? Students Confront Violence Against Women," by Renate Klein, Amanda Warner and Brenda Radel, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Oct. 18, Bangor Lounge, Union. x1228.

"Applying to Graduate School," part of the Career Center Job Search Series, 3:30 p.m., Oct. 18, third floor, Chadbourne Hall. Preregistration required. x1359.

Department of Communication Sciences and Disorders Colloquium, by Ray Pelletier, 5:15-6:30 p.m., Oct. 18, 100 Neville Hall. x2006.

The Snapper, part of the Cinematique Independent Film Series, 7 p.m., Oct. 18, Devino Auditorium, Corbett Business Building. x1793.

Performance by Bale Folclorico da Bahia (Brazil), part of the Maine Center for the Arts performance season, 7 p.m., Oct. 18, Hutchins Concert Hall. Admission Fee. x1755.

Luv, a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, 7:30 p.m., Oct. 18, Hauck Auditorium. Admission Fee. x1755.

19 Thursday

University Credit Union will celebrate International Credit Union Day Thursday, Oct. 19. Stop by for refreshments and drawings throughout the day.

Groundbreaking Ceremony for the Hitchner Hall Addition and Renovation Project, 10:30 a.m., Oct. 19.

"Fighting Fair," with Joan Marks, Maine Dispute Resolution Center, and Polly Karris, part of the EAP Lunch and Learn Series, noon-1 p.m., Oct. 19, North Lown Room, Union. x4014.

Luv, a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, noon, Oct. 19, Hauck Auditorium. Admission Fee. x1755.

"Equal Rights Once, and for All!" by Suzanne Brunner, co-chair of the executive committee of Yes on 6 Campaign, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Oct. 19, Bangor Lounge, Union. x3860.

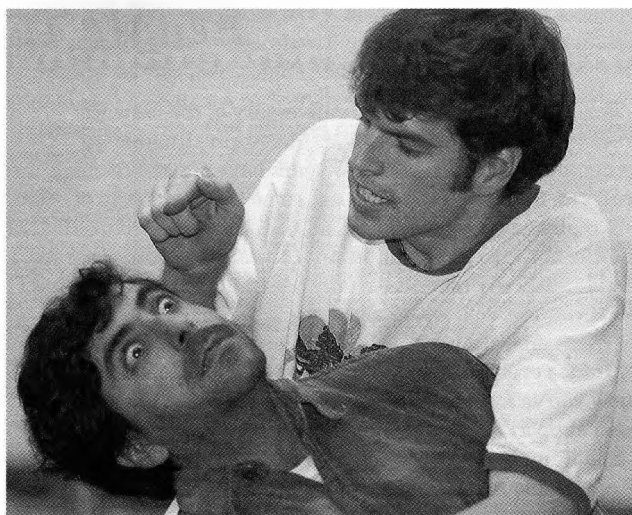
The 15th Annual Maryann Hartman Awards Ceremony, honoring Theo Kalikow, president of the University of Maine at Farmington; Ruth Lockhart, executive director of the Mabel Wadsworth Women's Health Center; and fabric artist Jude Spacks, 5-7 p.m., Oct. 19, Wells Conference Center. x1228.

Luv, a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, 7:30 p.m., Oct. 19, Hauck Auditorium. Admission Fee. x1755.

20 Friday

Basic HTML, a Fogler Library Web and Desktop Publishing Workshop, 10 a.m.-noon, Oct. 20, Computer Classroom, Fogler Library. Admission Fee. Registration required. x1696.

"Novel Forms of Copper Metallothionein and Antioxidant Defense Enzymes in Crustacea that Use Copper for Oxygen Transport," by Marius Brouwer, professor of coastal sciences and director of the Toxicology Program, University of Southern Mississippi, part of the



Luv, the Broadway hit by Murray Schisgal that takes a humorous yet highly perceptive look at love, opens the theater segment of the School of Performing arts season Oct. 18-22. Bringing the farcical comedy to the Hauck Auditorium stage is a student cast of three and its UMaine director Marcia Joy Douglas, assistant professor of theatre. *Luv* cast members are senior Tim Simons of Readfield, right, as Milt Marville; graduate student Rick Solomon of Portland, left, as Harry Berlin; and grad student Kim Tripp of Sunnyside, N.Y. as Ellen Marville. The production is UMaine's entry in the Kennedy Center American College Theater Festival competition. *Luv* showtimes: 7:30 p.m., Oct. 18-21; noon Oct. 19; 2 p.m., Oct. 22. For tickets, call the Maine Center for the Arts Box Office, 581-1755.

Photo by Monty Rand

SMS and BMMB Seminar Series, 11:15 a.m.-12:30 p.m., Oct. 20, 100 Bryard Global Sciences Center. x4381.

TGIF Music Series, noon-1 p.m., Oct. 20, Bangor Lounge, Union. x1793.

"Evolution of the GRASShopper: From Anisotropies to Catalysis - a Solid State MMR Story," by Gary Maciel, Department of Chemistry, Colorado State University, part of the Department of Chemistry Colloquium Series, 2 p.m., Oct. 20, 316 Aubert Hall. x1169.

Men's Soccer: UMaine vs. Delaware, 3 p.m., Oct. 20. xBEAR.

Black Bear Hockey Classic, 4 p.m., St. Lawrence vs. Holy Cross; 7 p.m., USA Development Team vs. UMaine, Oct. 20, Alford Arena. Admission Fee. xBEAR.

Volleyball: UMaine vs. Delaware, 7 p.m., Oct. 20, Gym. xBEAR.

Faculty Recital by Violinist Anatole Wieck, part of the School of Performing Arts season, 7:30 p.m., Oct. 20, Minsky Recital Hall. Admission fee. x1755.

Luv, a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, 7:30 p.m., Oct. 20, Hauck Auditorium. Admission Fee. x1755.

21 Saturday

Field Hockey: UMaine vs. New Hampshire, noon, Oct. 21, Alford Stadium. xBEAR.

Volleyball: UMaine vs. Drexel, 1 p.m., Oct. 21, Gym. xBEAR.

Black Bear Hockey Classic, with St. Lawrence, Holy Cross, USA Development Team and UMaine; 4 p.m. consolation and 7 p.m. championship game, Oct. 21, Alford Arena. Admission Fee. xBEAR.

Tri-County Lobster Bake and Black Bear Hockey Classic, offered by the Alumni Association, Oct. 21, Wells Conference Center. Admission Fee. Reservations required by Oct. 13. x1138.

Luv, a play by Murray Schisgal, directed by Marcia Douglas, part of the School of Performing Arts season, 7:30 p.m., Oct. 21, Hauck Auditorium. Admission Fee. x1755.

22 Sunday

Black Bear 5K Road Race, Oct. 22. Contact Rec Sports to sign up. x1082.

Men's Soccer: UMaine vs. Towson, noon, Oct. 22. xBEAR.

People in Perspective

This year marks the 30th anniversary of the Onward Program at the University of Maine. Approximately 50 students a year for the past 30 years have started through the program, and Sue Spaulding has come to know many of them.

"I really enjoy working with all the students with disabilities and the Onward students. In my 14 years with the program, I can honestly say there have only been a handful of students I didn't connect well with," she says.

"With some students, there's an instant rapport that continues even after they've graduated. It's nice when you know you've made a difference in their lives and have given them support when they needed it most."

Spaulding joined the University community two months after she and her family moved from Enfield, Conn., to West Enfield, Maine in 1984. Her husband, Skip, started work in the Steam Plant in 1985. Her brother, Mike Nutter, started work in the Plumbing Shop the year after that.

For the first two years, Spaulding worked as a member of the support staff in the Maine Agricultural Experiment Station. When Onward advertised a secretarial opening, Spaulding left a job that she loved to take a new position that initially offered a 10-month appointment and time to spend with her children.

This May, Spaulding's daughter, Ellise, graduated with a degree in kinesiology and physical education, with a concentration in athletic training. Her son, Clint, is a senior in English who will graduate next May.

"I have really appreciated the opportunities that both my children have had while students here," Spaulding says. "Clint had a chance to work for three months at Pinnacle Mountain State Park in Arkansas through the Student Conservation Association. From Ellise's first semester on campus, she worked in the training room and had a chance to work and travel with the different teams. Last fall, she had a great experience doing her internship at the Disney Wide World of Sports Complex in Florida, working with many athletic events, such as World Cup Rugby and Master's Track and Field."

Helping make comparable learning opportunities possible for hundreds of UMaine students is Spaulding's job. Spaulding is part of an academic support services team that helps first-generation, low-income students and students with disabilities achieve their educational goals. At the heart of the Onward Program is one-to-one involvement between staff and students. Spaulding is the epitome of that philosophy.

"I am famous for citing the glass-half-full phrase," Spaulding says. "I believe that, no matter how down you get, the only way is up. When students tell me they're not going to make it and wonder why they started (college), I remind them of the positive things. While it might be difficult now and their kids are jealous that school is taking up their parents' time, I remind the students that it will be worth it."

"I give them a lot of credit. At the end of the day, I go home and take it easy, while these students who have been in school all day head home to take care of their children or go to jobs."

In the past 30 years, a large percent of the Onward students were non-traditional students. "While they may have different life experiences and family situations, nontraditional students have needs similar to those of traditional-age students," says Spaulding. "My father always taught me that in order to gain respect, you have to show respect. I follow that philosophy when dealing with all students."



Sue Spaulding

Photo by Monty Rand

There doesn't seem to ever be a quiet moment in the Onward front office during the school year. Amid the hubbub of students gathered on nearby chairs between classes to ask questions, compare notes and chat, the phone is almost always ringing, at least 100 times a day beginning in September.

"We often get calls for Maine Bound and camping equipment because of our name – Onward," says Spaulding. "Our phone numbers are similar to that of the Athletic Ticket Office, so we often have people calling for tickets."

"A lot of calls involve services for students with disabilities," she says. "The most-asked question comes from a parent or student calling to see what accommodations we have for students with learning disabilities."

Spaulding provides preliminary information concerning accommodations for persons with disabilities who are incoming and current UMaine students, or visitors to campus. An estimated 250 students in the University community use disability services. Assistance for those eligible can include interpreters, notetakers, books on tape and/or arrangements for testing accommodations.

Students with disabilities that impair their mobility, whether permanent or temporary, such as a broken leg, can get a lift to and from classes on the Helping Hand Van. With one phone call, Spaulding helps a student set up a schedule for pick up and delivery. The van has been used for up to 60 runs a day.

Any students who need tutoring services are referred to the Tutor Program in Dunn Hall.

Spaulding's support of students doesn't end at the close of the school day. As a result of the caring and friendship she extends to students, Spaulding has attended an untold number of their graduation ceremonies, athletic events, recognition dinners, and even weddings and family gatherings throughout the years.

Inevitably, she receives accolades for "being there" professionally and personally for students. And her name is passed on by students to their relatives, spouses and children as the first person to look up when they get on campus.



2000 Maryann Hartman Award recipients are, left to right, Theodora Kalikow, Ruth Lockhart and Jude Spacks.

Hartman Awards honor three for leadership, art, activism

The 15th annual Maryann Hartman Awards will be presented to three outstanding women in Maine – Theodora Kalikow, president of the University of Maine at Farmington; Belfast artist Jude Spacks; and women's rights activist Ruth Lockhart, executive director of the Mabel Wadsworth Women's Health Center in Bangor.

The awards ceremony, sponsored by the Women in the Curriculum and Women's Studies Program, begins at 5 p.m., Thursday, Oct. 19, Wells Conference Center.

▼ Theodora Kalikow has worked for the advancement of women both within the University of Maine System and the state. Whether spearheading a leadership training course for women or participating in the High School Visiting program to interest young women in science careers, Kalikow demonstrates the power and effectiveness of a feminist style of leadership. She has served on the Millennium Economic Development Advisory Committee formed by Sen. Olympia Snowe.

▼ Ruth Lockhart has been active in the women's movement since the 1970s. She is a founder of The Mabel Wadsworth Women's Health Center, the only private, non-profit feminist women's healthcare center in the state. Lockhart has provided advocacy services for women and healthcare providers, and was one of the first AIDS educators trained in the country. She has been honored by the Maine Women's Fund, American Association of University Women, the National Association of Social Workers and Maine Civil Liberties Union.

▼ Jude Spacks is an artist who creates fabric pictures. Her work has been exhibited in galleries nationwide and has been commissioned from as far away as England and Japan. She says her work draws from "a kind of spiritual dialogue with her subjects and a higher being." According to Spacks, "fabric is a woman's medium without the status of other fine artwork." Art, she believes, whether homegrown or well-known, answers a longing for soulful connection. ▲

Groundbreaking set for Hitchner Hall project

A groundbreaking ceremony will be held at 10:30 a.m., Thursday, Oct. 19 for the \$8.5 million Hitchner Hall renovation and addition construction project.

Site work will begin this fall, with building construction scheduled for next spring, according to Mark Anderson, coordinator of the Natural Resources Program who has led a campus planning committee for the building.

The project will provide new and renovated teaching and laboratory space for faculty in four departments (Biochemistry, Microbiology and Molecular Biology; Food Science and Human Nutrition; Biological Sciences; Biosystems Science and Engineering), as well as in the School of Marine Sciences. Completion is slated for fall 2002.

Funding for the project has been provided by the legislature and an R&D bond approved by voters.

State of the University *continued from page 1*

greater emphasis on cooperative education opportunities and community service learning for students; becoming more national and global as a university through expansion of academic, economic, and cultural connections and opportunities; and treating outreach work as a more integral part of UMaine's land-grant responsibilities – not as a function to be accommodated when time and resources allow.

A focus on engagement, Hoff said, "is critical to the fulfillment of our 21st-century land-grant mission. By doing this, our university will be the place to which citizens and policy makers turn – without hesitation – when they need help solving problems, understanding complexities, and achieving their personal and career objectives."

Hoff also said UMaine must strengthen its commitment to providing "a highly relevant, first-class undergraduate educational experience."

"This requires academic programs and co-curricular opportunities that maintain UMaine's preeminence among Maine's public institutions and furthermore, one which rivals the state's outstanding private colleges in rigor and quality."

As one of several actions to strengthen UMaine's undergraduate rigor, Hoff called for the creation of an Honors College, building on the University's existing Honors Program.

"Our Honors College would offer UMaine students the best of both stellar academic worlds—the focus, intimacy and challenges of the best liberal arts schools, as well as the breadth of academic diversity, co-curricular and extra-curricular activities, and exposure to graduate-level education and populations that are part of a land-grant university experience," Hoff explained. "As we have discussed it, the Honors College would not draw students away from one of the five existing colleges; instead, those faculty would hold 'dual citizenship' in the college of their discipline and in the Honors College."

Hoff said an Honors College would have a positive impact across all academic disciplines. "Our belief is that its existence and its approach to scholarship will set a higher standard for achievement and aspirations across the entire University," he said. "We envision it becoming a signature element of the University of Maine – a prestigious point of reference when people think and talk about our strengths and reputation."

Other long-range goals will further position UMaine as the state's most comprehensive and influential educational institution, said Hoff. The goals provide a preview of the University's strategic plan that is expected to be released by Provost Robert Kennedy this month. Among the strategies cited by Hoff:

- ▼ Maintain strength in those signature academic programs that have made UMaine the state's pre-eminent university.

- ▼ Enhance or establish academic programs, and work to graduate more students in high-need areas such as mathematics, science education and information technology.

- ▼ Strengthen commitment to providing a highly relevant, first-class undergraduate educational experience.

- ▼ Aggressively pursue the best students in Maine and beyond.

- ▼ Make greater progress in achieving the goals of UMaine's Diversity Action Plan.

- ▼ Strengthen graduate education offerings and enrollment.

As for the coming academic year, Hoff said he wants it "to be seen as a time when the public and our own community come to recognize the full purpose and restoration of this University as a progressive, essential, and valuable resource and catalyst."

Hoff's address was "streamed" live over the UMaine Web site. The student-run radio station, WMEB-FM, broadcast the presentation via tape-delay. ▲

New Faculty at the University of Maine

The University of Maine's 2000-01 academic year has begun with 40 new members of the faculty. As a means of introduction to the University community, *Maine Perspective* surveyed them concerning their academic, research and public service activities. This is the first in a series of features on the new faculty of the University of Maine.



Catherine Berardelli, assistant professor of nursing and RN studies coordinator, holds a Ph.D. from Adelphi University. A family nurse practitioner, Berardelli's research interests include women's health issues and developing strategies for teaching concepts of critical thinking, health promotion, and transformational leadership to international nursing students. Prior to joining the UMaine community, Berardelli directed the Nursing Department at the University of New England and was instrumental in development of a branch campus in Israel to offer an RN-B.S.N. program to Israeli nurses.



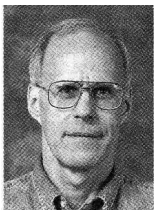
Stephen Gilson is associate professor of social work. He received a Ph.D. from the University of Nebraska Medical Center in 1991, followed by an Intramural Research Training Award Fellowship at the National Institute on Drug Abuse Addiction Research Center – Neuroimaging and Drug Action Section. Gilson began his academic career in the School of Social Work at Virginia Commonwealth University in 1993. His research interests focus on disabilities, including the experience and perception of

disability, and disability from a cultural and multicultural perspective. He was one of three researchers to receive the 2000 Feminist Scholarship Award from the Council on Social Work Education for co-authoring a paper on abused women with disabilities. In UMaine's School of Social Work, Gilson will be teaching courses in biology for social workers, human behavior and the social environment, social work practice, and health policy and practice.



Natalie Steiger, assistant professor of management, received a Ph.D. in industrial engineering from North Carolina State University in 1999. She took second place in the Institute of Industrial Engineers Pritsker Doctoral Dissertation Award 2000. Prior to joining the University community, Steiger was a visiting assistant professor in the Information Systems and Operations Management Department of the Bryan School of Business at the University of North Carolina - Greensboro. Her research

interests include stochastic modeling, simulation of production systems and statistical analysis of simulation output. This academic year, she will teach production/operations management and operations research. Her husband, David Steiger, also is a new faculty member in the Maine Business School.



David Steiger is associate professor of management and information systems. In 1993, he received a Ph.D. in information systems from Oklahoma State University. Between his M.B.A. and doctorate, he spent 15 years in analysis and managerial positions in industry, applying concepts of information systems and decision support. Steiger's research interests include decision support systems, knowledge management and inductive artificial intelligence technologies. In 1986, he received the

Edelman Award for Management Science Achievement, presented by the Institute of Management Science. His wife, Natalie Steiger, also is a new faculty member in the Maine Business School.



Ann Sossong is assistant professor of nursing and an alumna. She received a master's degree in education administration from UMaine, and a master's degree in nursing from the University of Texas - El Paso. She is now pursuing a doctoral degree in nursing science at The Catholic University of America, Washington, D.C. Sossong is past president of the Maine Bioethics Network, Coalition of Maine Nursing Organizations and Maine State Nurses' Association. She also was a research assistant for the National Council of State Boards of Nursing Task Force to identify core competencies of nursing practitioners.



Cynthia Bostick, assistant professor of nursing, received a Ph.D. from the University of Colorado. Her areas of study include addictions, family violence and dance movement therapy. As a research assistant on an interdisciplinary team, Bostick studied the effects of male childhood trauma resulting from boys observing their mothers being abused by male partners. This academic year, she will be teaching psychiatric/mental health nursing. She cites collaborative work between faculty and students as one of the most appealing aspects of being an educator.



Elizabeth Allan is assistant professor of higher educational leadership. She received a Ph.D. in higher education with a concentration in women's studies from Ohio State University in 1999. Last year, she was a visiting assistant professor of women's studies and higher education at Ohio State. Allan's areas of study include gender and education, organization and administration of higher education, policy discourse analysis and feminist theory. She is the editor of the textbook *Women, Culture*

and Society: An Introduction to Women's Studies. Prior to her work at Ohio State, Allan was an assistant dean of students at the University of New Hampshire, where she authored and initiated support for the passage of statewide legislation to prohibit hazing in all of the state's institutions. She has continued this work by co-founding and maintaining www.stophazing.org, an educational Web site that receives more than 500 visits daily. In the College of Education and Human Development, Allan will teach courses in the social context, developmental theories and administration in higher education, and gender and education. She says she looks forward to helping shape a developing graduate program.



Abigail Garthwait is assistant professor of education in instructional technology and an alumna. Garthwait received an Ed.D. in literacy education from UMaine this year, and will be teaching graduate-level courses in instructional technology for use in grades K-12. From 1982-98, Garthwait was the librarian of Asa Adams Elementary School in Orono, where her responsibilities included teaching some computer classes and giving professional development sessions on educational technology. Her professional honors include the 1994 James C. MacCampbell Award for Excellence in Library Programs, and being named Maine's School Library Media Specialist of the Year for 1992.

Conserving Maine's Native Landscapes

Invasive exotic plants increasingly threaten natural flora

In the Midwest, the burning bush is causing an environmental firestorm. In the Southeast, kudzu is the most corrupting culprit in the landscape.

Here in the Northeast, some of the biggest biological challenges are posed by Japanese barberry, Japanese knotweed and purple loosestrife.

All are considered non-native invasive species – plants that, once introduced to an area, invade natural landscapes to the detriment of native flora.

In the past 50-100 years, researchers have documented the real threats exotic invasive species pose to native species. Now, backed by hard science, landscape horticulturists and others in the “Green Industry” are sounding the alarm.

“We now have the information to help the public realize that these non-native invasive species are threats,” says Reeser Manley, UMaine assistant professor of horticulture. “The flip side is to help growers recognize the opportunity to market native plant materials, especially those that make the Maine landscape beautiful and unique.”

The threat invasive exotics can pose to a native landscape is dramatically demonstrated in Maine by the spread of purple loosestrife, a perennial herb native to Eurasia that is found in wetlands. Because Maine’s landscape is dominated by water, the threat posed by purple loosestrife has had statewide implications for years. However, it wasn’t until the non-native exotic began taking root in homeowners’ backyards that the problem became real for much of the public.

“Purple loosestrife is a pretty perennial and a perfect example of how beauty is not the best criterion for choosing a plant,” says Lois Stack, University of Maine Cooperative Extension professor and a specialist in ornamental horticulture and sustainable agriculture. “I came to Maine in 1987 from the upper Midwest where purple loosestrife was already causing problems. At that time, we also were beginning to see more purple loosestrife in this state.

“Now places like Acadia National Park are struggling to control it and people are receptive to hearing about the bigger picture. When one plant produces a couple million seeds that spread via surface waters, people quickly realize we are all connected.”

Non-Native Species in Natural Settings

The landscapes of Maine and other states have long included non-native plants; the introduction of exotic invasive species, whether accidentally or intentionally, is not new. Non-native plant species such as burning bush have been sold by nurseries for years because they are profitable – easy to propagate and are popular for landscaping.



Shrub Honeysuckle (*Lonicera morrowii*)



Japanese Barberry (*Berberis thunbergii*)



Oriental Bittersweet (*Celastrus orbiculatus*)

Photos by Reeser Manley

Today, places along the Maine coast would seemingly not be the same without the hot pink blooms of the *Rosa rugosa*, a plant native to China that was brought to this country by sea captains and has been a staple in the nursery trade for many decades. In addition, many highways and byways are planted with Russian olive. Both are non-native species that are so firmly entrenched in the state’s landscape, we will never be rid of them, says Manley.

However, other exotic species that are increasingly being planted in Maine landscapes pose threats because of their invasive qualities. Abandoned homesteads where once a burning bush was planted are years later overrun by the woody plant, as are the adjoining natural areas. Researchers also are warning against continued use of Norway maple, which may have the potential to one day replace the sugar maple in New England if left unchecked.

Knowing what are invasive species is important in making informed decisions about planting. The Maine Invasive Species Council, of which Stack is a member, has developed criteria for what plants, as well as animals, are invasive. The determinant is not whether the plant spreads in a garden, but whether it has the ability to invade surrounding areas to the detriment of natural flora.

To aid in the education effort, Extension recently published two bulletins:

Gardening to Conserve Maine's Native Landscape: Plants to Use and Plants to

Avoid (posted on www.nps.gov/plants/pubs/gardenME/) and *Native Plants: A Maine Source List* (posted on www.umext.maine.edu/onlinepubs/htmpubs/2502.htm).

“If an invasive non-native plant becomes dominant, it is displacing something else,” Stack says. “Purple loosestrife is now dominating cattails.”

Invasiveness of species has to do with the plants’ reproductive biology, says Manley. Most exotic invasive species such as shrubby honeysuckle, Oriental bittersweet and common buckthorn produce seeds that are widely dispersed by birds. Seeds of other species such as Norway maple are wind-dispersed.

Non-native invasive species have fast growth rates. Often, they are among the earliest plants to leaf in the spring, and they hold their leaves longer in the fall. As a result, their effect on native vegetation can be dramatic.

“Non-native invasive plants are creating a changed landscape,” says Manley. “What concerns us is what biologists call the homogenization of native flora – reduction in native plant diversity. Such invasive species have the potential to destroy biodiversity.”

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The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Shipworms in the harbors

Shipworms, misnamed marine mollusks that eat wood, have begun to chew their way through piers in Maine coastal harbors. Kevin Eckelbarger, director of the UMaine Darling Marine Center in Walpole, has been providing information to harbor-masters, the media and shellfish companies about shipworm biology in an effort to identify the possible solutions.

Eckelbarger conducted research on shipworms, known as tere-dinids, for his master's degree at California State University. His current research focuses on reproduction in deep and shallow water invertebrates, studying the influences of light, food and temperature, as well as the anatomical parts involved in these processes.

"Knowing the biology is helpful because it can be used to predict future infestations sometimes," says Eckelbarger. "However, in this case, once the animal has invaded, there is no way to keep it from spreading unless you protect new pilings. Old pilings are dead meat."

The larval shipworms begin the boring process and then the adults continue it, Eckelbarger says. Most of the damage is from the adults, since they are vastly larger than the larvae, and they tend to chew their entire lives.

The factors behind the outbreak are not well understood, Eckelbarger says. Shipworms are abundant in warmer waters, but they also can tolerate low water temperatures and low salinities. Since warm temperatures stimulate reproduction, warmer summers in recent years may play some role in providing a more favorable habitat for the species in Maine, he adds.

Eckelbarger expects the problem to get more widespread. State law now prevents the installation of treated wood pilings. This summer, he received numerous phone calls from dock owners. They included Damariscotta River shellfish companies that are having similar problems with destruction to equipment, such as wooden trays that hold oysters.

"I suspect the problem is so new that some towns don't even realize shipworms have moved in," he says.

Turning up the heat on energy conservation

Homeowners looking for ways to reduce their heating costs this winter can consider immediate steps such as lowering thermostats and covering windows at night. Long-term solutions such as improvements to heating equipment and homes are more expensive but may lead to greater savings through the years, according to three UMaine engineers.

Herb Crosby, professor in the School of Engineering Technology, and Charles Foster and Michael Mayhew of the Industrial Assessment Center, note that keeping thermostats at 68 degrees or below is the easiest step to take. Setting thermostats lower at night and making sure that windows are covered with insulating fabrics or other materials can significantly reduce fuel use.

Buying fuel oil at a fixed price can also help cushion homeowners from price spikes that might occur during the winter, they add. Oil suppliers may be willing to sell a large amount of fuel early in the season on the condition that payment be made immediately. Deliveries would then be made until the amount purchased is used up.

Longer-term solutions include improving heating systems and adding insulation to walls, attics and building foundations. A simple improvement, for example, is a programmable thermostat.

It can regulate temperatures automatically according to a pre-set routine. Losses occur when the furnace is allowed to run too often at night or when the house is unoccupied.

Adding insulation has long been shown to reduce heating costs, but a design known as "superinsulation" exceeds current building standards by about 25 percent. In the 1980s, Maine promoted the construction of new superinsulated, solar-heated homes through the Office of Energy Resources. Reducing heat loss to this degree has made it possible in some cases to meet heating needs with a standard hot water heater that pumps warm water under the floor in an exceptionally efficient, comfortable, and cost-effective heating system.

Installing a wood stove or space heater that uses gas or kerosene also offers the flexibility of using more than one fuel and thus avoiding spikes in oil prices. The engineers recommend using stoves that bring in outside air for combustion and vent exhaust air outdoors.

Solar heating options range from simple units that hang below a window to sunrooms or greenhouses that can vent warm air during the day into the house. A small building that houses the UMaine Onward Program on campus is heated by a roof-mounted solar energy collector and an air-to-air heat pump.

The engineers suggest contacting the Maine Solar Energy Association (www.ases.org/hometr/index.php?state=ME), which coordinates tours of solar homes in October.

For more on these and other stories about University of Maine research, written by Public Affairs science writer Nick Houtman, see the MaineSci webpage (www.umaine.edu/mainesci/).

Conley Accepting New Therapy Clients

For the fall semester, the Conley Speech and Hearing Center, 336 Dunn Hall, is now accepting new therapy clients – preschool through adult – with speech/language/hearing problems. Complete speech/language/hearing evaluations are scheduled in Friday diagnostic clinic now through early December. For more information, call 581-2006.

Institutional Animal Care and Use Committee

The Institutional Animal Care and Use Committee (IACUC) reminds investigators/instructors that no research, teaching or testing activities using live vertebrate animals shall be initiated until IACUC has approved a protocol for such use. Below are the meeting dates for the fall semester.

Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting. Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498.

The information is also available at the ORSP Website (www.ume.maine.edu/~spd/index.html).

PLEASE NOTE: There has been some confusion about work with fish or chicken embryos. IACUC approval is required for any work involving fish or chicken embryos if a notochord is formed. This includes their use in research, teaching, or testing. The only time IACUC approval is not required for work with those embryos is when the work is conducted AND completed prior to the formation of a notochord.

IACUC meeting dates (submit protocols at least two weeks before meeting date): Oct. 24, Nov. 21, Dec. 19.

Alan Rosenwasser, professor of psychology, served as guest editor for a special issue of *Biological Rhythm Research* (31:3, 2000) on the topic of "Circadian Rhythms, Monoamines and Behavior." Psychology graduate student **Suzanne Dwyer** and Rosenwasser contributed a paper: "A Noradrenergic Mechanism Influences

the Circadian Timing System in Rats and Hamsters" (pp. 355-73) to the special issue.

Jonathan Rubin, assistant professor, Margaret Chase Smith Center for Public Policy and Department of Resource Economics and Policy, and Paul Leiby, Research Scientist, Oak Ridge National Laboratory, Tennessee: "An Analysis of Alternative Fuel Credit Provisions of U.S. Automotive Fuel Economy Standards," *Energy Policy*, 13: 589-601 (2000).

Jeffrey Wilhelm, associate professor of literacy: "Returning to the Purpose of Publication," *Voices from the Middle*, 8(1) (September 2000).

Nancy Hall, assistant professor of communication sciences and disorders, with **Susan Burgess**, former graduate student: "Exploring Developmental Changes in Fluency Related to Language Acquisition: A Case Study," *Journal of Fluency Disorders*, 25: 119-41 (2000).

Kristin Sobolik, associate professor of anthropology and Quaternary studies, with Jim Mead, Quaternary Institute of Northern Arizona University, and Arthur Spiess, Maine Historic Preservation Commission: "Skeleton of Extinct North American Sea Mink (*Mustela macrodont*)," *Quaternary Research*, 53:247-62 (2000).

Linne Mooney, professor of English: "Middle English Verse in London, Lincoln's Inn, MS Hale 90," *Journal of the Early Book Society*, 2:182-3 (1999).

V O L U M E S

Recent Works by University of Maine Authors

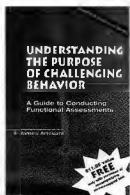


Families as Relationships
Edited by Robert Milardo and Steve Duck
(John Wiley & Sons Ltd. 2000)

Families as Relationships provides an up-to-date overview of key areas in family studies, a field that has recently developed a more specialized focus on the character of particular relationships. Its 10 chapters, written by 19 contributors,

deal with primary relationship issues. These include issues of early marriage, parent and child relations, and aging and older families.

Families as Relationships is edited by Robert Milardo, UMaine professor of human development, and Steve Duck, a research professor at the University of Iowa. It is one of five books in the Personal Relationship series by John Wiley & Sons.



Understanding the Purpose of Challenging Behavior: A Guide to Conducting Functional Assessments
By A. James Artesani
(Prentice Hall 2000)

Understanding the Purpose of Challenging Behavior provides an overview of functional assessment, a process that leads to a better understanding of why students engage in specific problem behaviors. The guide includes information on how functional assessments can be used as a basis for developing broad support plans and specific interventions for students with challenging behavior. The goal is to provide practitioners with a basic understanding of the functional assessment process.

The guide, by A. James Artesani, assistant professor of special education, is part of a Student Enrichment Series for student teachers by Prentice Hall's Merrill Education division.

Mayewski, Zielinski tapped by BBC

The British Broadcasting Company was on campus Aug. 15 to interview Paul Mayewski and Greg Zielinski of UMaine's Climate Studies Center in the Bryand Global Sciences Building. The BBC program concerns evidence that a volcanic eruption in central Mexico could have contributed to the decline of Mayan civilization. Mayewski and Zielinski specialize in the analysis of ice cores for factors related to climate.

Museum of Art in New York Times

The Sept. 2 *New York Times* featured the UMaine Museum of Art as one of the seven museums in the Maine Art Museum Trail. The story included a quote from Wally Mason, the museum's director, who noted that the "museum is performing its functions of acquiring, conserving and exhibiting in very positive ways."

Riley in Resource magazine

The August issue of *Resource* magazine, published by the American Society of Agricultural Engineers, features a profile of John Riley, professor in Bio-Resource Engineering. The story describes Riley's research on improved rafts for growing oysters and his use of the 125-foot wave tank in the aquaculture research center.

Lobster experts talk with Discover and CNN

Bob Bayer, director of the Lobster Institute, spoke with a reporter from *Discover* magazine about issues related to last year's massive lobster die-off in Long Island Sound. He also did an interview with CNN on the same subject. Bayer, food science professor Rodney Bushway and UMaine scientist Brian Perkins have been studying the problem for several months.

Dining Services cited in Yankee Food Service publication

In its August publication, *Yankee Food Service* rated UMaine's food service as the 11th best at any New England college or university. UMaine is just behind Dartmouth and just ahead of MIT on the list. Boston University is at the top.

Marrs featured in Rio Negro

An interview with Stuart Marrs, professor of music, is featured in an August edition of *Rio Negro*, a newspaper in Patagonia, Argentina. This summer, Marrs was one of four invited artists at the International Percussion Seminar series, sponsored by the Cultural Foundation of Patagonia. Marrs led clinics and master classes, and directed percussion ensemble rehearsals for students.

Lasley talks to Hartford Courant

Sept. 12, Assistant Professor of Political Science Scott Lasley talked with a *Hartford Courant* reporter for a story about presidential and vice presidential candidates who seem to be paying a lot of attention to Maine, New Hampshire and Vermont. Vice President Gore arrived in Maine that evening for a campaign stop.

Segal in Inter@ctive Week

Howard Segal, Bird & Bird Professor of History, was quoted at length in the Sept. 18 cover story on Manifestos for and against high-tech in *Inter@ctive Week*, the primary trade publication for the Internet.

Book Ends

New & Noteworthy at the University Bookstore

New Fall Titles

Kangaroo Dreaming: An Australian Wildlife Odyssey by Edward Kanze, Sierra Club Books (2000). During nine adventurous months, naturalists Edward and Debbie Kanze drove an old station wagon 25,000 miles around Australia. The resulting book is an engaging opportunity for the armchair traveller to explore the "Downunderworld," a beautiful and dangerous land where the air is warm, the beer is cold, and the marsupials outnumber the humans.

The Diagnosis by Alan Lightman, Pantheon (2000). By the author of *Einstein's Dreams*, *The Diagnosis* is an examination of our modern obsession with speed, information and money, and what this obsession has done to our mind and our spirits.

When We Were Orphans by Kazuo Ishiguro, Knopf (2000). Kazuo Ishiguro, author of *Remains of the Day*, tells a brilliantly realized story that illuminates the power of one's past to determine the present.

Of Note: Homecoming Specials – 25 percent off UMaine jackets, selected books.

Doug Allen, professor of philosophy, gave a lecture, "The Impact of Philosophical Phenomenology on the Study of Religion," and chaired two sessions on human rights and the philosophy of religion at the 18th Quinquennial World Congress of the International Association for the History of Religions (IAHR), Durban, South Africa, in August.

Peggy Agouris, assistant professor of spatial information science and engineering, and NCGIA senior researcher; **Anthony Stefanidis**, research assistant professor with NCGIA; and **Panayotis Partsinevelos**, a graduate student with the Department of Spatial Information Science and Engineering, attended the 11th International Conference on Database and Expert Systems Applications (DEXA), London, Sept. 4-8. Agouris gave the keynote speech, "Multimedia Queries and Knowledge Management in Geospatial Distributed Systems," at the workshop, "Query Processing and Multimedia Issues in Distributed Systems." Partsinevelos presented a paper, "Summarizing Video Datasets in the Spatio-temporal Domain," co-authored by Agouris and Stefanidis.

Lenny Berry, education specialist at the Center for Community Inclusion, presented a workshop, "Lenny's Lessons Learned," at the Ride the Wave National Conference on Self-Advocacy Conference, Providence, Sept. 2. Berry's presentation was with some support from **Alan Kurtz**, project coordinator at CCI. Berry discussed his experiences as a co-instructor in a class offered by the CCI to direct care professionals who support individuals with developmental disabilities. Berry focused on his contributions to the class and the support needed by individuals with disabilities to participate fully in teaching direct support professionals.

Linne Mooney, professor of English, returned in August from year at Oriel College, Oxford (fall 1999) and King's College, Cambridge (spring 2000), where she conducted research for a book about professional scribes in late medieval England, supported by a Guggenheim Fellowship.

Ed Brazee, professor of education, was one of 19 educators selected nationally to participate in the Evaluation Design Meeting, sponsored by the Alliance for Curriculum Reform and the American Association of Colleges for Teacher Education, Aug. 27-28, Washington, D.C. The group's task was to examine ways to design potential products, resources and tools to help schools and universities solve the problems and dilemmas presented by standards-based curriculum, high-stakes testing and connections between K-12 schools and higher education.

Dorothy Breen, associate professor of counselor education, presented a workshop, "Using Sand in Play Therapy," at the Maine Play Therapy Association conference, University of Southern Maine, Sept. 16.

Anatole Wleck, associate professor of music, performed two violin recitals in Madrid, Spain, May 26-28, at the Centro Cultural Galileo and Casa del Reloj respectively, accompanied by harpsichordist Eva Vicens. He also was conductor in residence at Rocky Ridge Music Center in Estes Park, Colo., June 12-July 14. Later in July, he taught and performed in Castellon de la Plana, Spain, for two weeks, at a baroque music festival with distinguished musicians from Europe.

Liz DePoy, professor of social work and coordinator of research and evaluation at the Center for Community Inclusion, presented a paper, "A Model of Self-Determination," at the International Association for the Scientific Study of Intellectual Disability, Seattle, July 31-Aug 3. In addition, DePoy received a scholarship to attend a symposium in July on Disability, Policy and Employment, sponsored by the National Institute for Disability and Rehabilitation Research, at which she presented a proposal, co-authored with **Michelle Alexander**, research associate at the Center for Community Inclusion, and **Jane French**, CCI employment specialist, to study the relationship between disability and welfare reform.

Dorothy Klimis-Zacas, associate professor of clinical nutrition, and colleagues Nikos Yiannakouris, Antonia Mataias, Mihalios Passos, Tina Papoutsakis-Tsarouhas and Mary Yiannakoulia at Harokopio University, Athens, Greece, presented "Dietary and Plasma Antioxidant Vitamins in Greek High School Students" and "Association of Apolipoprotein and Genotype with Plasma Lipoproteins in a Mediterranean Population" at the Fourth International Conference on Nutrition and Fitness, Olympia, Greece, May 25-29.

Max Egenhofer, director of the National Center for Geographic Information and Analysis (NCGIA), College of Engineering's Libra Professor, professor in Spatial Information Science and Engineering, and cooperating professor in Computer Science, attended the International Workshop on Advancement of Spatial Data Management, Greenwich, UK, Sept. 6-7. He presented the paper, "Consistent Queries Over Cardinal Directions Across Different Levels of Detail," co-authored by **Roop Goyal**, former graduate research assistant with the NCGIA, and chaired the session on data models.

Frederico Fonseca, graduate research assistant with the National Center for Geographic Information and Analysis and graduate student in Spatial Information Science and Engineering, attended the II Workshop Brasileiro de Geoinformática, June 12-13, Sao Paulo, Brazil. Fonseca presented "Ontologias e Interoperabilidade Semantica entre SIGs," co-authored with **Max Egenhofer**, NCGIA director, College of Engineering Libra Professor, professor in Spatial Information Science and Engineering, and cooperating professor in Computer Science. Fonseca also presented reports on his ongoing research on ontology-driven geographic information systems at the first workshop on Geoinformatics, June 26, UNICAMP, University of Campinas, Brazil, and at a workshop on Urban GIS, July 5, Prodabel, Belo Horizonte, Brazil.

Marisue Pickering, professor of communication sciences and disorders and cooperating professor of education, presented "Workshop of Listening" at the Colby College Peer Mentor Training Institute, Waterville, Sept. 1.

Nancy Hall, assistant professor of communication sciences and disorders, presented a paper, "A Comparison of Speech Disruptions in Children with Communication Impairments," and with K. Hatt, Bangor City Schools; communication studies graduate student **K. Rusch**; and former communication sciences and disorders graduate student **S.C. Belanger**, "Treating Concomitant Stuttering, Language, and Fluency: A Case Illustration," at the 3rd World Congress on Fluency Disorders in Nyborg, Denmark, Aug. 7-11.

Wilhelm part of PBS' 'Beginning the Conversation' project

Jeff Wilhelm, associate professor of literacy, has been selected as an on-camera consultant by PBS and Maryland Public Television for the Anneberg/Corporation for Public Broadcasting Channel project "Beginning the Conversation in Literature."

A crew from Maryland Public Television was on campus working with Wilhelm Sept. 19. It shadowed him in his classes and other activities to capture how literacy plays in his teaching and his life. Classes included an undergraduate course in teaching methods and a graduate course in young adult literature.

The "Beginning the Conversation in Literature" project is a series of eight hour-long films exploring how people read and experience literature. Wilhelm is scheduled to appear in four episodes: "Beginning the Conversation in Literature"; "Panel Discussion of Literacy Response"; "One-on-One Interviews"; and "Personal Literacy."

Wilhelm and other nationally recognized writers and teachers of literature at the high school and college levels were in Maryland where discussions of classic and contemporary literature were taped. These taped discussions will be joined with footage of the guests in their home and work environments, and comments from one-on-one interviews to illustrate the passion and meaning that literature can bring to writers, teachers and students.

The series is scheduled to air on the Anneberg/CPB Channel in 2001, and will be seen by middle and high school English teachers nationwide. The project's goal is to give educators a chance to step back from their professional lives and take a close look at the ways they read, the reasons they do so and why they enjoy it so much.

The Anneberg/CPB Channel is a new satellite channel of free educational programming for schools, colleges and communities. The channel is funded by the Anneberg/CPB Projects in association with Harvard University and the Smithsonian Institution.

Native Landscapes *continued from page 9*

Conserving Maine's Native Landscape

Greater use of propagated native plant materials is key to developing distinctive, sustainable regional landscapes. A sustainable landscape is low maintenance and doesn't require interventions such as intensive fertilizing, pest management and pruning. In such a landscape, species are planted in habitats that, over the long run, knit into the native environment.

"This doesn't mean that your landscape can't include petunias for color. We do need variety," Stack says. "I have lots of exotics and native plants in my landscape. I can't imagine a spring in Maine without crabapple trees and lilacs, which are not native but part of our cultural landscape.

"We live in Maine because we love it. If we change it through our landscapes, it will be a different Maine. We need to temper our selections in a lot of areas, including plant selection. Then Maine will be sustainable. Maine has an identity and we have a responsibility to maintain it."

Research has been done on which plants pose serious threats to natural areas, but that information is largely in scientific journals, where scientists are talking to scientists. Growers and the public are not getting the information, Manley says.

"We're now trying to bridge the gap between scientists and end-users," he says.

One way the University of Maine is communicating the urgency to curb the use of non-native invasive species and to seek native alternatives is through the Lyle E. Littlefield Ornamentals Trial Garden, which serves as a horticultural learning resource for the region. Littlefield Garden is the northernmost ornamentals trial garden in New England, offering the public and members of the Green Industry an opportunity to learn about the numerous species and varieties of ornamental plants for cold-climate landscapes. The six-acre garden, devoted largely to woody and herbaceous plants, is managed by UMaine's Landscape Horticulture Program.

Littlefield Garden is now building its native plant collection. Exotic invasive species in New England, such as the Japanese barberry, have been removed. Still in the garden are some non-native plants that have not been identified as invasive and problematic.

In addition, the garden is sponsoring a regional symposium for horticulturists and environmentalists in Bar Harbor, "Creating Sustainable Landscapes: Plants to Plant, Plants to Avoid." During the two-day event this month, scientists and members of New England's Green Industry will share information about non-native invasive species that are posing a threat to natural landscapes, and how to cultivate and market more native species.

"A major goal of our garden is to develop a more exhaustive native plant collection that, coupled with workshops and outreach, will help inform people of both sides of the issue," says Manley, who oversees the garden.

The Role of the Green Industry

Last March, Stack conducted an industry survey to determine why more of Maine's 1,500 native plants, shrubs and trees are not being sold in Maine. While hundreds of native woody species could be used in landscapes, fewer than 100 are currently widely available.

In the survey, funded by a grant from the Maine Department of Agriculture, respondents cited a lack of information on how to propagate certain native species for commercial production, and an inability to locate sources of propagated native plants.

Now through a grant from the UMaine-based Maine

Agricultural Center, Stack and Manley are researching the development of commercial opportunities in the propagation and marketing of woody plant species native to Maine. In the coming year, the researchers will identify and publish for the industry a comprehensive list of native woody species that can be used in landscapes, and their currently known growing methods.

A native woody plant species collection will be further developed in the Littlefield Ornamentals Garden, with information compiled on the reproductive biology useful in developing commercial propagation methods.

"It's important to identify plants that are native and to recognize good plants with landscape potential," says Stack. "Part of the grant will be used to obtain specimens of native plants and develop a collection within the garden's sustainable landscape. We will develop a database of those native woody plants with market potential and provide whatever knowledge is available. From there, we will know the research needed to fill in the gaps in the knowledge base."

Choosing to plant native versus non-native species has economic and ethical implications for growers and landscapers, Stack says. "Philosophically, all I've talked to in the business are very positive about the importance of preserving Maine's natural beauty and don't want to be part of the problem. Nurseries I've talked to are committed to plowing up crops identified as invasive, even in light of the economic realities. Crops take several years to produce. Some of those crops may now be recognized as potentially invasive and some have not yet been identified as invasive. It is an ongoing, shifting picture."

What is native to New England is an ongoing discussion, Stack says. "We all now recognize that purple loosestrife is invasive, but most people crossed that line (of awareness) too late. Now an insect has been brought in to biologically control the loosestrife, but what will that insect eat when the loosestrife is gone? The bottom line is, when enough dialogue happens, the hope is that perhaps there is money found to fund research to give us the answers." ▲

Look Who's On Campus

MATTHEW MURRAY, chair of the Center for Business and Economic Research at the University of Tennessee, will lecture on "Analyzing State Tax Systems" at 3 p.m., Friday, Oct. 13, 115 Corbett Hall. Murray's recent research has focused on sales tax, including compliance problems with state sales tax, the administration and compliance issues associated with a national retail sales tax, and the implications of telecommunications and e-commerce for the existing state and local sales tax.

TIMOTHY GUTOWSKI, professor of mechanical engineering and director of Laboratory for Manufacturing and Productivity at MIT, will speak on "Environmentally Benign Manufacturing: What Is It and Why Is It Important?" His talk begins at 2 p.m., Tuesday, Oct. 17, 101 Neville Hall. Gutowski is the North American editor for the international journal *Composites Part A: Manufacturing and Applied Science*. His newest book is *Advanced Composites Manufacturing*. Recently, Gutowski chaired a panel, sponsored by NSF and DOE, to study environmentally benign manufacturing worldwide.

Ride The Bus with your MaineCard

A new one-year pilot project allows anyone with a valid MaineCard to ride The Bus by displaying that card, rather than paying a cash fare. The program applies to Orono/Old Town/Veazie and UMaine/downtown Bangor routes. The Bus, with wheelchair-accessible vehicles and bicycle racks, stops in front of the Maine Center for the Arts every hour Monday-Friday and every other hour Saturdays. Schedules are available at the Union Information Center and on the Web (www.bangorbus.org/).

Provost *continued from page 2*

At UMaine, Kennedy plans to apply his experience in facilitating externally funded projects, "which provide unique and extraordinary opportunities for students and faculty," like the one he initiated and lead at Texas A&M for the last three years.

Kennedy lead A&M's successful selection as a member of the National Space Biomedical Research Institute (NSBRI), a consortium created by NASA to conduct and fund the basic biomedical research necessary to land humans on Mars by 2013.

The Institute, originally seven institutions including Harvard Medical School, MIT, Johns Hopkins Medical School and Baylor College of Medicine, in addition to Texas A&M, is the first major effort by a federal agency to integrate its own mission-driven research agenda with the proven success of this country's research universities.

"This project – probably the most exciting and interesting one of my career – was fascinating because of the inherent interest of space travel, the enormous scientific challenges that need to be overcome for successful long-term human space flight (lasting one-three years), and the opportunity to work side-by-side with NASA scientists, astronauts and renowned biomedical experts.

"In the near-term, this project was interesting because of the fantastic job that NASA does in its K-12 education programs for school kids," says Kennedy, who was responsible for A&M's lead among all consortium members for NSBRI's Web-based outreach and human nutrition programs.

"I will be trying to bring some of that understanding of the needs of, and successful approaches to, high-level, nationally directed programs here so that the University of Maine can play an even bigger role in this state and across the country," says Kennedy. "We need to look at partnerships, student contributions, and the unique opportunities available in a university setting to prepare for the future."

Much of Kennedy's interdisciplinary perspective he attributes to his rural upbringing, liberal arts background and land-grant roots. Kennedy was raised on a farm in Minnesota. His rural childhood, which included 4-H, and his interest in botany led him to pursue an undergraduate degree in plant science at the University of Minnesota.

"My undergraduate focus, and my approach to my faculty and administrative career, have been oriented toward interdisciplinary activities and team building of one sort or another. That background also fostered in me a diverse interest in a breadth of subjects and a cross-fertilization of ideas that have been very valuable to me."

In his doctoral work at the University of California - Berkeley, Kennedy began what would ultimately be a 30-year teaching and research career. With the exception of his first faculty appointment at the University of Iowa, all of Kennedy's years in higher education were spent at land-grant universities.

Beginning in 1987, Kennedy served as director of the Cellular Biochemistry Program at the National Science Foundation in Washington, D.C. Two years later, he was at the University of Maryland, serving first as associate dean of the Colleges of Agriculture and Life Sciences and director of the Agricultural Experiment Station, then as vice president for research in the Maryland Institute for Agriculture and Natural Resources.

In 1992, he joined Texas A&M.

Kennedy says that it was only after accepting the UMaine position that he began to realize the University's excellent reputation and full potential.

"I talked with colleagues and was surprised how many people in Texas and elsewhere had some sort of connection to Maine or the University, and what they knew was extremely positive," says Kennedy, who moved to Maine this summer with his wife, Mary

Rumpho, a faculty member in Biochemistry, Microbiology and Molecular Biology; and the youngest two of their four sons, Caleb, 22, Alex, 19, Bryce, 16, Curran, 14; and the family dog, Berkeley.

Kennedy says he hopes to expand the reputation and positive image the University has in the state. "We need to broaden appreciation in and out of the state for what UMaine has been and continues to be in higher education – a first-class university," he says. "With continued state investment, we can continue to position the state as a leading educational, technical and cultural force across the country." ▲

We Remember



Kenneth Hayes

Ken Hayes, alumnus and professor emeritus of political science, died May 16. He was 65.

Those familiar with Hayes' life and work know that no brief statement can adequately summarize his many activities connected with UMaine, and with his involvement in public life at the local, state and national levels. He was truly exemplary of the virtues of an active public life and its salutary effects upon oneself and one's community.

Hayes graduated from UMaine in 1960. He went on to receive a Ph.D. from the University of Massachusetts. In 1965, Hayes joined the faculty of the University of Maine, which remained his academic home until his early retirement in 1996.

During his 31 years of service in the University community, Hayes served in numerous capacities. He was first and foremost a teacher, thoroughly dedicated to his students. Emblematic of that dedication is his record of service to many student organizations. Hayes also was involved in many activities on behalf of his colleagues, including serving as department chair from 1989-94.

Hayes' extensive involvement in public life reflected his passion and commitment to the development of a more civil and just community for all citizens. That involvement took the form of numerous activities at the national level, in Maine and in his community. His activities included representing the National Education Association before the U.S. Congress' Sub-Committee on Post-Secondary Education; chairing the Maine chapter of Common Cause; service on the Board of Directors of the Maine Civil Liberties Commission; one term as a state senator representing District #26; and chair of the Veazie Council.

As state senator, Hayes was named "Legislator of the Year" by the Maine State Education Association and "Friend of Education" by the Maine Teacher's Association.

As a scholar, his studies focused on American politics, particularly at the state and local levels. His co-authored book, *The Legislative Process in Maine*, was the first devoted to the study of the operation of the Maine legislature.

More frequently, Hayes applied his scholarship to concrete political and social problems. The list of public service projects in which he was involved is considerable. The common thread running through this conjunction of scholarship and public service was a passionate concern for the well-being of his community, his country, and most of all, his fellow citizens.

Above all, Hayes' scholarship directly affected the careers, and the character, of his students.

Anyone wishing to donate in memory of retired Assistant Professor of Russian Rex Pyles may do so by sending to: St. George Greek Orthodox Church, 90 Sanford St., Bangor.

Positions Available

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

FACULTY

Assistant Professor, Department of Philosophy. Review Begins: 11/1/00. Contact: Send detailed letter of application, CV, graduate transcript, and have three letters of reference sent to: Professor Doug Allen, Chair, Department of Philosophy, 5776 The Maples, Orono, ME 04469-5776.

Assistant Professor in Journalism, Department of Communication and Journalism. Review Begins: 11/1/00. Contact: Send letter of application, vita, three letters of recommendation, and supporting materials such as published and unpublished research, teaching evaluations, and course syllabi to: Kathryn Olmstead, Search Committee Chair, Department of Communication and Journalism, 5724 Dunn Hall, Orono, ME 04469-5724. Telephone: (207) 581-1278; Email: kathryn.olmstead@umit.maine.edu; Web page: www.ume.maine.edu/coj

PROFESSIONAL

Potato Pest Management Professional (Aroostook County) (Position #81), Cooperative Extension. Fiscal-year position. Salary Range: \$28,000-\$31,000. Initial funding is available through 3/31/01 with renewal contingent upon funding and successful job performance. Review Begins: 10/20/00. Contact: Send letter of intent, vitae, all transcripts (copies accepted), and names, addresses and phone numbers of four references who may be contacted to: Sandra Vaillancourt, 5741 Libby Hall, Orono, ME 04469-5741. Qualifications, both required and preferred, are listed in the complete job description available from Sandra Vaillancourt at the above address. Telephone: 1-800-28709-0274 or 207-581-3191; Fax: 207-581-3325; E-mail: sandyv@umext.maine.edu; UMaine Web Page: www.umaine.edu/hr/jobs/umce

Coordinator for Health Professions, reporting to the Vice Provost. Fiscal-year position. Salary Range: \$30,000-\$34,000. Review Begins: 10/15/00. Contact: Send letter expressing interest in the position, curriculum vita, and the names, addresses and telephone numbers of at least three references to: Alan Kezis, Associate Dean of Natural Sciences, Forestry, and Agriculture, and Chair of the Search Committee, 5782 Winslow Hall, Orono, ME 04469-5782. Telephone: 207-581-3225. E-mail: alan.kezis@umit.umaine.edu

Parent Education Professional (Position #82), Cooperative Extension. Part-time (30 hrs/wk) position. Salary: \$21,000. Review Begins: 10/20/00. Contact: Send letter of intent, resume, transcripts (copies acceptable), and names, addresses and phone numbers of four references who may be contacted to: Sandra Vaillancourt, 5741 Libby Hall, Orono, ME 04469-5741. Qualifications, both required and preferred, are listed in the complete job description available from Sandra Vaillancourt at the above address. Telephone: 1-800-287-0274 or 207-581-3191; Fax: 207-581-3325; E-mail: sandyv@umext.maine.edu; UMaine Web Page: www.umaine.edu/hr/jobs/umce

Assistant Director, (Position #83), Maine Rural Development Council (<http://mrhc.umext.maine.edu>) and Cooperative Extension position on the Orono campus. Salary Range: \$34,000-\$40,000. Review Begins: 10/20/00. Contact: Send letter of intent, resume, transcripts (copies acceptable), and names, addresses and phone numbers of four references who may be contacted to: Sandra Vaillancourt, 5741 Libby Hall, Orono, ME 04469-5741. Qualifications, both required and preferred, are listed in the complete job description available from Sandra Vaillancourt at the above address. Telephone: 1-800-287-0274 or 207-581-3191; Fax: 207-581-3325; E-mail: sandyv@umext.maine.edu; UMaine Web Page: www.umaine.edu/hr/jobs/umce

Financial Manager, Continuing Education Division and Summer Session. Part-time, 12-month, 30 hours per week position. Salary Range: \$27,000-\$32,000. Review Begins: 10/6/00. Contact: Send current curriculum vita, letter of application addressing professional experience and characteristics applicable to the position, and names and telephone numbers of three refer-

ences to: Devon Storman, Assistant to the Dean, Division of Lifelong Learning, 5713 Chadbourne Hall, Orono, ME 04469-5713.

INFORMATION ON OPENINGS FOR CLASSIFIED POSITIONS

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

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

Wilson Center Position

Administrative assistant needed at the Wilson Center, an ecumenical Protestant campus ministry. Position is 30 hours a week, salary based on experience. Target date to fill position: 10/15/00. Responsibilities: administrative support to chaplain, management of all office functions, newsletter production and clerical support to Wilson Center committees. For a detailed position description, call the Wilson Center, 866-4227. Send resume and references to: Chaplain Bill Friedrich, Wilson Center, 67 College Ave., Orono, ME 04473.

SECOND ANNUAL VINCENT A. HARTGEN AWARD

Nominations are now being accepted for the second annual Vincent A. Hartgen Award, sponsored by the UMaine Patrons of the Arts.

Deadline for nominations is Oct. 26.

The Award was created to honor individuals who, by their efforts, have distinguished themselves in the arts community of the University.

Nominations should be sent to: Rebecca Eilers, Dean, College of Liberal Arts and Sciences, 105 Stevens Hall.

HONORARY DEGREE NOMINEES SOUGHT

Nominations of individuals who would be appropriate candidates for honorary degrees to be awarded at the University's May Commencement are being sought. Nominees should have accomplishments that have earned them a regional, national or international reputation.

Nomination forms are available from Wanda Legere, 200 Alumni Hall. Completed nomination materials are due by Nov. 1. Submit to: Chair, Honorary Degree Team, University Events Committee, c/o President's Office, 200 Alumni Hall.

Andrew W. Mellon Fellowships in Humanist Studies

This year, 85 Mellon Fellowships will be awarded to promising students in humanistic studies who will begin their Ph.D. programs in fall 2001. The Fellowship covers graduate tuition and required fees for the first academic year and includes a stipend of \$15,000. Eligible students, either seniors or college graduates who have not begun Ph.D. studies, must request applications by Dec. 7, and must submit completed applications by Dec. 19. Candidates must take the GRE General Test by Dec. 4. (Internet: www.woodrow.org/mellon). For additional information, contact Doug Allen, professor of philosophy and University representative for the Mellon Fellowships in Humanistic Studies, 581-3860 or FirstClass e-mail.

Rockefeller Foundation Humanities Fellowships support research and writing on global social and cultural issues of diversity, sustainability and civil society. Applicants moving into newer fields of inquiry or testing disciplinary boundaries are favored. Twenty-six institutions in North and South America will host 2001-02 residential fellowships. Deadlines vary.

U.S. Department of Agriculture solicits applications to the FY01 National Research Initiative Competitive Grants Program, addressing problems of national and regional importance to agriculture, forestry, and related sciences. The earliest deadline, pertinent to 10 program areas, is Nov. 15.

National Academy of Education's Spencer Postdoctoral Fellowships provide \$50,000 for one full-time or two part-time years of research relevant to education. Applications are invited from scholars of any discipline who received a Ph.D. or equivalent research degree not earlier than 1995. Deadline: Dec. 1.

National Science Foundation and several federal statistical agencies invite research to further new approaches to surveys and to the analysis of survey data. Survey measurement issues, data collection procedures, technological issues related to survey design, methods for small area estimation,

and statistical approaches for the analysis of survey data are topics of interest. Deadline: Dec. 1.

U.S. Department of Education's grants for Graduate Assistance in Areas of National Need enable academic programs and departments to support promising and needy doctoral candidates. Proposals are invited in FY01 from programs in biology, chemistry, computer and information sciences, engineering, geological and related sciences, mathematics and physics. Deadline: Dec. 15.

William T. Grant Foundation funds research in social and behavioral sciences, health, social work, marketing and communications disciplines relevant to the healthy psychological and social development of children and youth. Three new programs – Youth Development, Systems Affecting Youth, and the Public's View of Youth – are especially interested in interdisciplinary research, policy analyses and strategic communications research.

For more information, call Research & Sponsored Programs, x1476, or visit our Web site (www.ume.maine.edu/~spd/index.html).

Credit by Exam Placement Exams

Credit by Exam/Placement Exams for French, German and Spanish will be conducted at 6 p.m., Nov. 8, Jan. 24, April 11, 213 Little Hall. Sign up in the Department of Modern Languages and Classics.

DEADLINES FOR FACULTY RESEARCH FUNDS COMPETITIONS

The Faculty Research Funds (FRF) Committee announces FY01 deadlines for competitions. The purpose of the FRF Program is to assist faculty in establishing or maintaining high-quality research programs.

Regular Faculty Research Fund Award	November 1
Scholarly Materials and Equipment Fund Award	November 1
<i>(formerly known as the Scientific Equipment and Book Fund Award)</i>	
Summer Faculty Research Fund Award	December 13
Presidential Research and Creative Achievement Award Nominations	March 9

Application materials are available in the Offices of Deans and the Office of Research and Sponsored Programs. The full announcement and the application materials are also available at www.ume.maine.edu/~spd/index.html, under the heading "Faculty Research Funds Program." Contact person is Gayle Anderson, x1498.

New Requirement from NIH

Beginning in FY01, the National Institutes of Health requires education on the protection of human research participants for investigators and all other key personnel on NIH-supported projects of research with human subjects. "Key personnel" are those identified on form page 2BB of the standard grant application, and may include both consultants and sub-awardee personnel. "Research with human subjects" includes research in normally exempt categories.

For competing applications or noncompeting renewal requests submitted after Oct. 1, 2000, the requirement must be met prior to submission. For applications or requests submitted before Oct. 1, 2000, but to be funded with FY01 monies, the requirement must be met before an award will be issued. For more information about the requirement and the University's procedures for meeting it, call Gayle Anderson, x1498.

IACUC Biannual Training/Orientation

The Institutional Animal Care and Use Committee's (IACUC) fall offering of its biannual training/orientation program on the care and use of animals will be held Wednesday, Oct. 25, 3-4:30 p.m., 220 Corbett Hall. People who have attended previous training sessions do not have to attend.

This campuswide training/orientation program is in compliance with federal regulation and the University's Animal Welfare Assurance. Faculty, staff and students who work with live, vertebrate, non-human animals are required to participate in the program. IACUC will not act on protocols for approval of animal use until all project personnel have been certified as having completed the training program. Contact Gayle Anderson, Office of Research and Sponsored Programs, x1498, for registration information.

What's Ahead

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**2nd Annual International
Graduate Student Conference
October 13-14**

**The University of Maine
Open House
October 16**

**17th Annual World Food Day
Teleconference
October 16**

**Hitchner Hall
Groundbreaking Ceremony
October 19**

**Homecoming
October 27-29**

MAINE
Perspective

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Department of Public Affairs
5761 Public Affairs
Orono, Maine 04469-5761

