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MAINE Perspective

A PUBLICATION
OF AND FOR THE
UNIVERSITY OF MAINE
VOL. 10, NO. 11
FEBRUARY 5-19, 1999

RESERVED COLLECTIONS



Photo by Michele Stapleton

Parking, Campus Road Changes on the Horizon

This semester, the University will begin development of a master plan for campus roads, parking areas and pedestrian ways to enhance functionality and safety.

Maine Department of Transportation (DOT) mandated changes in some campus parking areas and roadways, planning for campus growth, and the institution's priorities and self-imposed constraints form the parameters within which questions and solutions concerning UMaine's infrastructure must be framed, according to Anita Wihry, executive director of institutional and facilities planning.

"At this point, we know more about what we have to do than we know about the solutions," Wihry says. "It's not just a matter of building new roads and structures. The future of campus infrastructure also involves cultural and psychological issues," including getting the University community to think very differently about how vehicles will be handled on campus in coming years.

Increased student growth and residential living, research growth and more facilities in the next decade all mean more people – and parking.

In the short-term, the University is mandated to make road and parking lot changes to meet DOT standards. In the long-term, options for campus traffic management could include construction of additional parking lots, a parking garage, transportation alternatives such as buses, and establishment of a campus car policy for students. To

better accommodate pedestrians, campus roads can be restricted to emergency vehicle traffic or some can be made one-way routes.

The days of parking as close to one's building destination as possible may be numbered.

"As we look at the size of campus, it appears there is a lot of land to develop. However, the biggest constraints when it comes to parking,

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Capital Campaign Begins for Alumni House

The University of Maine General Alumni Association and the University of Maine Foundation have announced a \$5.5 million capital campaign to construct and endow Alumni House, a campus facility that will serve as home for the University's two independent advocacy and fund-raising organizations.

Several prominent alumni joined UMaine President Peter Hoff and his wife, Dianne Hoff,

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In Perspective

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- 10 In Focus: ADHD Specialty Clinic

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

Judicial Affairs Advocates Community Awareness of the Student Conduct Process

The Judicial Affairs Office will streamline its conduct processes while promoting ethics and strengthening a sense of community among students as part of the changes recommended in a recent Conduct Process Review. This review is focused on enhancing service delivery and the developmental impact of the student discipline process.

The almost four-month review of UMaine's conduct process by a 17-member committee, chaired by Robert Dana, associate dean of students and community life, determined that the judicial affairs system for students is "largely healthy and functioning well." In enforcing the Student Conduct Code of the University of Maine System, the office is educationally sound but improvements could be made, the committee concluded. The review noted that the judicial affairs process must be streamlined to be as efficient, timely and as responsive to student needs as possible. Above all, and as a proactive, preventive approach, students need a better understanding of the conduct process and the purpose of sanctions.

Greater communication about institutional values, including integrity, self-regulation, personal ethics and responsibility to others, is instrumental in creating a campus environment of caring and compassion. In such a campus climate, hateful and destructive behavior is deterred by an overarching commitment to community and to each other, the committee noted in its final recommendations.

"This focus is consistent with our institutional mission of student-centeredness and community involvement, and is part of our ongoing efforts to humanize the campus and engage students with their community," says Dana.

An average of 350 UMaine students each academic year interact with the Judicial Affairs Office for alleged violations of the Conduct Code. According to Dean of Students Dwight Rideout, 80 percent are first- and second-year students, and few are repeat offenders.

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Social Work to Study Housing Options for Persons with Mental Disabilities

UMaine's School of Social Work, in collaboration with the Maine Department of Mental Health, Mental Retardation and Substance Abuse Services, has been chosen to conduct a study of the housing alternatives available for people with serious and persistent mental illness.

The two-year study is funded by a \$400,000 grant from the U.S. Department of Health and Human Services Center for Mental Health Services Administration. Maine is one of eight states to receive this funding.

The study will compare two major housing models used for people with serious and persistent mental illness – continuum of care and supported housing. Maine was one of only two states in the study that had a large enough supply of supported housing to plan a randomized research design.

Maine is a leader in the supported housing model, says Gail Werrbach, School of Social Work director who will co-direct project evaluation with Winston Turner, the School's project coordinator. Master of Social Work (MSW) students will assist in data collection and analysis.

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As part of the Maine Development Foundation's Policy Leaders Academy, legislators last month visited the University of Maine and toured research facilities. In a biotechnology lab in Hitchner Hall, Sen. Mary Cathcart of Orono, far left, along with Representatives, left to right, Thomas Kane of Saco, Christopher Muse of South Portland and Robert Daigle of Arundel, took a close look at a genetically engineered luminescent bacteria demonstration.

Photo by Kathryn Rice

MaineSci Now on the Web

Information from MaineSci, the biweekly listserve summarizing science and engineering news and information from the University of Maine, is now available on the Web (www.umaine.edu/mainesci).

The site includes full text of science and engineering stories, as well as links to faculty Web pages and other science news sites such as SciNews/MedNews, Eurekalert and ScienceDaily. The site will be expanded to include an archive of past science and engineering stories.

For more information or to contribute to MaineSci, contact Public Affairs Senior News Writer Nick Houtman, 581-3777. ▲

MAINE PERSPECTIVE PUBLISHING SCHEDULE

The spring publication schedule of *Maine Perspective* is:

Feb. 19 (copy deadline Feb. 5); March 12 (copy deadline Feb. 26);
March 26 (copy deadline March 12); April 9 (copy deadline March 26);
April 23 (copy deadline April 9).

Monthly summer editions of *Maine Perspective* will begin May 14.

MAINE Perspective

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UNIVERSITY OF
MAINE

Calendar

MAINE

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

FEBRUARY 5 - 28

5 Friday

Rereading Rigoberta: A Class Book Forum, with Mel Johnson, Kathleen March and Cynthia Mahmood, moderated by Harvey Kail, noon, Feb. 5, Bangor Lounge, Union. x3829.

Jazz TGIF with Al Delgado & The Fusion Jazz Trio, offered by the Union Board, 12:15 p.m., Feb. 5, Damn Yankee. x4194.

Women's Ice Hockey: Maine vs. Dartmouth, 7 p.m., Feb. 5. xBEAR.

Performance by Comedian Todd Sawyer, offered by the Union Board, 9 p.m., Feb. 5, Wells Conference Center. Admission fee. x1734.

6 Saturday

Thursday Club Brunch, featuring a performance by the Heritage Singers, 10:30 a.m. Feb. 6, Newman Center, 83 College Ave. Reservations. 866-3155.

Men's Basketball: Maine vs. Boston University, noon, Feb. 6. Admission fee. xBEAR.

Women's Ice Hockey: Maine vs. Dartmouth, 7 p.m., Feb. 6. xBEAR.

Performance by the Padua Chamber Orchestra, with conductor and pianist David Golub and clarinetist David Shifrin, part of the Maine Center for the Arts performance season, 8 p.m., Feb. 6, Hutchins Concert Hall. Pre-concert preview with David Klocko, 7 p.m., Minsky Recital Hall. Admission fee. x1755.

7 Sunday

Men's Ice Hockey: Maine vs. New Hampshire, 7 p.m., Feb. 7. Admission fee. xBEAR.

8 Monday

Women of the World Lunch, featuring Middle Eastern foods, coordinated by the Office of International Programs, noon, Feb. 8, Church of Universal Fellowship, Orono. Admission fee. x1509.

A Presentation by Dialogues in Diversity, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., Feb. 8, Bangor Lounge, Union. x2609.

REREADING RIGOBERTA: A CLASS BOOK FORUM

I, Rigoberta Menchu, the University of Maine class book for 1996-97, has become the subject of a recent, international controversy. A new book by anthropologist David Stoll, *Rigoberta Menchu and the Story of All Poor Guatemalans*, challenges the veracity of Rigoberta's story. In his research, Stoll claims that he came across "significant problems in the life story she told at the start of her career" and that parts of the story that are told in *I, Rigoberta Menchu* are not entirely accurate. This complex and troubling issue - some have suggested that Rigoberta Menchu return her Nobel Peace Prize - will be discussed at a Class Book Forum Friday, Feb. 5, noon, Bangor Lounge, Union. Panelists will include Mel Johnson, humanities and social sciences reference librarian; Kathleen March, professor of Spanish; and Cynthia Mahmood, associate professor of anthropology. Harvey Kail, associate professor of English, will moderate.

9 Tuesday

Open Meeting to Discuss the Proposed Campus Retirement Community Project, facilitated by Bob Durringer, noon-1 p.m., Feb. 9, Minsky Recital Hall. Copies of proposals available at the door. (Reminder: No food or drink allowed in Minsky.) x1541.

"What Is This 'Black' in Irish Popular Culture?" by Hazel Carby, chair of the African and African American Studies Program, Yale University, part of the Libra Professorship Public Lecture Series on Communication Diversity and Identity, offered by the Department of Communication and Journalism, 7:30 p.m., Feb. 9, 100 Neville Hall. Reception at 7 p.m. x1935.

Coffee House with Sara Wheeler, offered by the Union Board, 8 p.m., Feb. 9, Peabody Lounge, Union.

10 Wednesday

ALANA Luncheon Meeting, facilitated by Sherman Rosser, part of Black History Month Observance, 11:30 a.m.-1:30 p.m., Feb. 10, Stewart Commons. x1405.

"Race and Masculinity: Paul Robeson and the Modernist Aesthetic," by Hazel Carby, chair of the African and African American Studies Program, Yale University, part of the Women in the Curriculum and Women's Studies Program Lunch Series and Black History Month, 12:30-1:45 p.m., Feb. 10, 109 Corbett Business Building. x1228.

"Nonviolence: The Third Way," by Larry Dansinger, coordinator, INVERT, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 3:30-5 p.m., Feb. 10, 313 Shibles Hall. x2609.

"The Constitutional Implications of the Presidential Crisis," a public forum featuring Matt Moen, Ken Palmer and Amy Fried, offered by the Center for Students and Community Life, 4 p.m., Feb. 10, Damn Yankee. x1397.

End of First Third of Semester for Withdrawals, 4:30 p.m., Feb. 10.

He Got Game, with discussion facilitated by William Baker, part of the Multicultural Film Series as part of Black History Month, 7 p.m., Feb. 10, 101 Neville Hall. x1405.

Women's Basketball: Maine vs. Vermont, 7:30 p.m., Feb. 10. Admission fee. xBEAR.

11 Thursday

"The Decay of Literacy, the Disappearance of History, the Commodification of Culture, and the Death of Politics," by Burt Hatlen, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 11, Bangor Lounge, Union. x3860.

Hatred, part of the Peace and Justice Film Series and Black History Month Observance, offered by MPAC, 7 p.m., Feb. 11, Devino Auditorium, Corbett Business Building. x3860.

12 Friday

Jazz TGIF with A-Train, offered by the Union Board, 12:15 p.m., Feb. 12, Damn Yankee. x4194.

"Fossil Forest Provides Clue to Adaptive Role of Photorespiration in Plants," by Richard Jagels, part of the Biological Sciences Seminar Series, 3:10 p.m., Feb. 12, 102 Murray Hall. x2549.

Black History Banquet and Social, featuring a keynote address, "Remembering Malcolm and Martin in This Time of American Crisis," by William Strickland, professor of Afro-American history, part of Black History Month Observance, offered by Multicultural Student Affairs and the Black Student Union, 6:30 p.m., Feb. 12, Wells Conference Center. Admission fee. x1405.

Hot Mouth, part of the Maine Center for the Arts performance season, 8 p.m., Feb. 12, Hutchins Concert Hall. Admission fee. x1755.

13 Saturday

Men's Ice Hockey: Maine vs. Boston College, 7 p.m., Feb. 13. Admission fee. xBEAR.

Performance of Plays of Michel Tremblay and Gregoire Chabot, by Du Monde d'A Cote, part of Building Bridges: A Franco-French Celebration, offered by the School of Performing Arts, 7:30 p.m., Feb. 13, Minsky Recital Hall. Admission fee. x1755.

14 Sunday

Women's Basketball: Maine vs. New Hampshire, 1 p.m., Feb. 14. Admission fee. xBEAR.

Annual Massenet Recital, part of Building Bridges: A Franco-French Celebration, offered by the School of Performing Arts, 7:30 p.m., Feb. 14, Minsky Recital Hall. Admission fee. x1755. Followed by reception in Minsky lobby.

15 Monday

University of Maine Open House, Feb. 15, Maine Center for the Arts. x1558.

"The Need to Have Enemies and Allies: Perspectives on Ethnic Conflict," by Maureen Smith, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., Feb. 15, 109 Corbett Business Building. x2609.

Slide Show and Storytelling About the Culture and History of the St. John Valley, by Don Cyr, part of Building Bridges: A Franco-French Celebration, offered by the School of Performing Arts, 7:30 p.m., Feb. 15, Minsky Recital Hall. Admission fee. x1755.

16 Tuesday

"Extending the Season: One Up on Spring," by area garden consultant and master gardener Allison Keef, part of the Page Farm and Home Museum Brown Bag Lunch Series, noon-1 p.m., Feb. 16, Page Museum. x4100.

17 Wednesday

9th Annual Games Day, part of the Hudson Museum "Just for Kids" series, Feb. 17, Maine Center for the Arts. Admission fee. x1901.

President Hoff's Open Office Hour, 10 a.m., Feb. 17, Alumni Hall.

"Revolution or Evolution: Grassroots Activism and the Protection of Natural Resources," by Susan Cockrell, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., Feb. 17, 109 Corbett Business Building. x1228.

BearWorks Discussion, 3:30 p.m., Feb. 17, Woolley Room, DTAV. Open to all members of the University community.

Miss Evers' Boys, part of the Multicultural Film Series as part of Black History Month, 7 p.m., Feb. 17, 101 Neville Hall. x1405.

18 Thursday

"The Real Crimes of Bill Clinton," with Sandy Butler, Doug Allen and Jane Livingston, Maine Coalition for Fair Trade, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 18, Bangor Lounge, Union. x3860.

University Credit Union's Annual Meeting will be 4:30 p.m., Thursday, Feb. 18, in the Woolley Room, Doris Twitchell Allen Village. Refreshments will be served. The meeting will be followed by an Open House, featuring the Credit Union's expansion, 5-6 p.m.

"The Undeclared War Against Black Women," by Brenda Verner, founder of the National Africana Women's Studies Association, offered by the Black Student Union and Multicultural Student Affairs, part of Black History Month, 6:30 p.m., Feb. 18, 101 Neville Hall. x1405.

Ongoing Events

Campuswide Events

Black History Month Observance, Feb. 1-28

Women's History Celebration, March 17-April 5.

Conferences/Seminars/Workshops

"Fighting Fair with Friends (& Others)," an interactive workshop on useful communication/relationship skills, presented by Campus Mediation, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 4-5 p.m., Feb. 18 and March 30, 202 Shibles Hall. x2609.

Entertainment

Into the Woods, directed by Tom Milotowicz, part of the Maine Masque season, 7:30 p.m., Feb. 17-20; 2 p.m., Feb. 20-21, Hauck Auditorium. Admission fee. x1755.

"Moon Shadows," a Planetarium show, 7 p.m., Fridays, through March 26. Admission fee. x1341.

Exhibits/Demonstrations/Tours

Evelyn Hofer: Interiors and Emerson in Italy, Museum of Art exhibitions, through March 17, Carnegie Hall. x3255.

Sumner 200: A Portrait of a Small Maine Town, a Hudson Museum exhibit, through May 16, Maine Center for the Arts. x1901.

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

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

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

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

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

Meetings of Groups/Organizations

Newman Center, 10 a.m. and 6:15 p.m. Sundays, and 4:45 p.m. Tuesdays and Wednesdays, 83 College Ave. 866-2155.

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

Circle K Club meets every Monday, 6:30 p.m., Bangor Lounge, Union. x3909.

Commuter/Nontraditional Student Coffee Hour, 1:30-2:30 p.m., every Tuesday; 9-10 a.m., every Friday, Nutter Lounge, Union. x1734.

Maine Peace Action Committee meets every Sunday, 7 p.m., Maples. x3860.

Acoustic Jam, 7 p.m., every Thursday, Memorial Room, Union. x1734.

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

Special Notes

Farmers' Market, 10 a.m.-1 p.m., every Saturday, Page Farm and Home Museum.

Jordan Observatory open any clear Friday or Saturday night. x1348.

Men's-Women's Swimming and Diving: America East/Maine, 11 a.m., Feb. 19-21. xBEAR.

The Big One, part of the Peace and Justice Film Series, offered by MPAC, 7 p.m., Feb. 18, Devino Auditorium, Corbett Business Building. x3860.

Men's Basketball: Maine vs. Delaware, 7:30 p.m., Feb. 18. Admission fee. xBEAR.

19 Friday

Jazz TGIF with Idiots Avante, offered by the Union Board, 12:15 p.m., Feb. 19, Damn Yankee. x4194.

"Item Response Theory: Overview and Applications," by Jaekyung Lee, offered by the College of Education and Human Development, 1-3 p.m., Feb. 19, Dexter Lounge, Alford Sports Arena.

"Forest-Canopy-Mediated Impacts on Larval Amphibians," by David Skelly, Yale University, a Biological Sciences and Wildlife Ecology joint seminar, Feb. 19, 3:10 pm, 102 Murray Hall. x2575.

Men's Ice Hockey: Maine vs. Boston University, 7 p.m., Feb. 19. Admission fee. xBEAR.

Performance by Comedian Peter Lipsey, offered by the Union Board, 9 p.m., Feb. 19, Wells Conference Center. Admission fee. x1734.

20 Saturday

Men's Basketball: Maine vs. Towson, noon, Feb. 20. Admission fee. xBEAR.

Men's Ice Hockey: Maine vs. Boston University, 7 p.m., Feb. 20. Admission fee. xBEAR.

22 Monday

"Prospects for Peace in Cyprus: The Greek-Turkish Dispute," by Kyriacos Markides, part of "Roots of Conflict, Seeds of Peace" series by Peace Studies, 12:15-1:30 p.m., Feb. 22, 109 Corbett Business Building. x2609.

Comedy of Errors, performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 22, Hutchins Concert Hall. Admission fee. x1755.

Beth Wiemann Faculty Recital, part of the School of Performing Arts season, 7:30 p.m., Feb. 22, Minsky Recital Hall. Admission fee. x1755.

23 Tuesday

The Odyssey, performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 23, Hutchins Concert Hall. Admission fee. x1755.

"Presence of the Past: African American Culture and Race Relations in Historical Perspective," by Carla Peterson, professor of English and comparative literature, University of Maryland, part of the Libra Professorship Public Lecture Series on Communication Diversity and Identity, offered by the Department of Communication and Journalism, 7:30 p.m., Feb. 23, 100 Neville Hall. Reception at 7 p.m. x1935.

24 Wednesday

"What I Wished I'd Known . . .," a panel discussion focusing on advice from newer faculty for new faculty, offered by Instructional Development, noon-1:30 p.m., Wednesday, Feb. 24, 202 Shibles Hall. x2486.

"The Female Voice in Late Medieval Love Lyrics: The Historical Contexts and Some New Discoveries," by Linne Mooney, part of the Women in the Curriculum and Women's Studies Program Lunch Series, 12:30-1:45 p.m., Feb. 24, 109 Corbett Business Building. x1228.

Faculty Senate meeting, 3:15 p.m., Feb. 24, Mahogany Room, Wells Conference Center. x1167.

"Free Speech/Hate Speech: Where Do We Draw the Line?" a panel presentation and discussion featuring Maine Assistant Attorney General Steve Wessler, First Amendment attorney Pat Peard, and Assistant Professor of Journalism Lyombe Eko, offered by the Office of Equal Opportunity as part of Black History Month Observance, 7 p.m., Feb. 24, 100 Nutting Hall. x1226.

Once Upon a Time When We Were Colored, part of the Multicultural Film Series as part of Black History Month, 7 p.m., Feb. 24, 101 Neville Hall. x1405.

"Core and Periphery: Syntactic and Extra-syntactic Mechanisms in the Human Sentences Processing System," by Wayne Cowart, professor of linguistics, USM, part of the Communication Sciences and Disorders Colloquium Series, 5-6:15 p.m., Feb. 24, 100 Neville Hall. x2003.

25 Thursday

White Balloon, part of the International Film Festival, offered by International Programs, 7 p.m., Feb. 25, 100 Neville Hall. x2905.

"A Darwinian Evening with Richard Dawkins," featuring Richard Dawkins, the Charles Simonyi Professor of the Public Understanding of Science, University of Oxford, and author of *The Selfish Gene* and *The Blind Watchmaker*, offered by the Evolution Journal Club, 7 p.m., Feb. 25, Maine Center for the Arts. x2539.

Women's Basketball: Maine vs. Hartford, 7:30 p.m., Feb. 25. Admission fee. xBEAR.

26 Friday

"Education in the Fine and Performing Arts for People with Disabilities," by Rick Curry, founder and director of the National Theatre Workshop of the Handicapped, offered by the Art Department, 12:30-2 p.m., Feb. 26, 100 Nutting Hall. x3293.

"Evolutionary Diversification of Behavior in the Post-Glacial Radiation of the Three-Spine Stickleback," by Susan Foster, Clark University, part of the Biological Sciences Seminar Series, 3:10 p.m., Feb. 26, 102 Murray Hall. x2536.

Spring Break Begins, 5 p.m., Feb. 26.

Women's Ice Hockey: Maine vs. Cornell, 7 p.m., Feb. 26. xBEAR.

27 Saturday

Women's Ice Hockey: Maine vs. Cornell, 7 p.m., Feb. 27. xBEAR.

28 Sunday

Othello, performed by the Italian National Opera, part of the Maine Center for the Arts performance season, 3 p.m., Feb. 28, Hutchins Concert Hall. Admission fee. x1755.

Men's Ice Hockey: Maine vs. Merrimack, 7 p.m., Feb. 28. Admission fee. xBEAR.

UNIVERSITY OF MAINE GRADUATE RESEARCH EXPOSITION Friday, March 19, Wells Conference Center

A Graduate Research Exposition is being organized by the Association of Graduate Students (AGS) and the Graduate School to enhance the UMaine community's awareness of the scope and nature of research being conducted by graduate students in every department. Because of the enthusiastic support for this event shown by the Graduate Board, the venue has been moved from Estabrooke Hall to the Wells Conference Center. This will allow for almost unlimited participation by graduate students.

This is a chance for all departments to show the rest of the UMaine community what research is being done. The presentations will be compared by a panel of judges visiting each poster (or other demonstrative) presentation. This should allow participants the chance to explain their research to a few individuals who are in their general area of study. The judges will be selecting graduate students in each category to receive cash prizes. The awarding of the prizes will be based on the scholarship of the research and its creativity, and the creativity of the presentation.

The categories for presentation currently consist of:

- ▼ Social Sciences and Humanities
- ▼ Biological Sciences
- ▼ Physical Sciences, Engineering and Mathematics.

These three categories will be further divided according to the number of graduate students participating in the Exposition.

To participate in the UMaine Graduate Research Exposition, submit by Feb. 19 a title and abstract (short description) to Charles Watson or Sean Murphy at the AGS office, third floor, Memorial Union (or via FirstClass). Be sure to include contact information. If you have any questions, contact Charles or Sean, x4548.

It would be most encouraging to have at least one presentation from each department. Several businesses with cooperative research relationships with the University of Maine will be invited to have their own presentations. In addition, legislators and other interested parties will be invited.

Refreshments will be provided from 3:30-5:30 p.m.

People in Perspective

For the past four years, anyone in the University community who has travelled on UMaine business has corresponded with Diane Fournier. In the Travel Accounting office of Budget and Business Services, Fournier handles travel request forms and travel vouchers, advances and reimbursements.

In the past year, that correspondence from UMaine travellers also has included postcards from all corners of the world.

"They add a personal perspective to the travel so that it's not just receipts and paperwork," says Fournier, who processes an average of 40-60 travel vouchers daily. "They put an interesting twist on this travel job."

While sending postcards from faraway places has been a tradition between some traveling faculty and their academic departments, Fournier's collection of more than 100 postcards began as a token of special thanks for a job well done. The colorful cards posted on a bulletin board increasingly became conversation pieces.

Fournier soon discovered that a picture really is worth a thousand words.



Diane Fournier

"When people return, they want to tell you about their trip," says Fournier. "I like to hear about the research and competitions and such going on in these different places. People coming into the office enjoy looking at the postcards and talking about them because they're so interesting."

The postcards are catalysts for conversation – and now competition. As word spreads about Fournier's growing postcard collection, more UMaine travelers contribute. The collection is now kept in

two photo albums.

Recently, Fournier started selecting a "postcard of the month" to post on the new Website for Budget and Business Services, created by the office's budget analyst Jeff Dyer. Now, in addition to important information on the four services provided by Budget and Business Services – budgeting, travel advance/expense processing, accounts receivable and payable processing – there are glimpses of some of the most intriguing venues around the globe where members of the University community are working and learning.

"Some people have liked being in competition for who can send the best card, but the reality is we love them all. It gives us a chance to see sites in such places as New Zealand and India. One of the funniest came from Massachusetts with a recipe for New England clam chowder

"For all of us in the office, it's like Christmas when a new postcard comes in," says Fournier. "It's a great way to see the world and the neat things in it. They all spark memories."

Look Who's On Campus

UMaine's Black History Month observance will be keynoted by **WILLIAM STRICKLAND**, professor of Afro-American studies at the University of Massachusetts, speaking on "Remembering Malcolm and Martin in This Time of American Crisis." The address will be part of the Black History Banquet and Social that begins at 6:30 p.m., Friday, Feb. 12, Wells Conference Center. Strickland, author of *Malcolm X: Make It Plain*, is a founding member and senior research fellow of the independent black think tank, The Institute of the Black World. UMass now has the third Ph.D. program in Afro-American studies in the country.

CARLA PETERSON, professor of English and comparative literature at the University of Maryland, will speak Tuesday, Feb. 23 at 7:30 p.m., on "Presence of the Past: African American Culture and Race Relations in Historical Perspective." Peterson is the author of *Doers of the Word: African-American Women Speakers and Writers in the North (1830-1880)* and *The Determined Reader: Gender and Culture in the Novel from Napoleon to Victoria*. Her books in progress focus on the readings from the African-American Press (1827-1910), African-American intellectual thought (1776-1996) and the making of New York's black elite (1830-1930).

BRENDA VERNER, founder of the National Africana Women's Studies Association and the National Africana Collegiate Women's Operative, will speak Thursday, Feb. 18 at 6:30 p.m., 101 Neville Hall, on "The Undeclared War Against Black Women." Verner is a nationally known communications consultant who specializes in stereotyping research and human resource development. The media analyst has extensive experience in the areas of women's studies, Africana Studies and media arts.

"A Darwinian Evening" will be presented by author **RICHARD DAWKINS**, best known for his books *The Selfish Gene* and *The Blind Watchmaker*, at 7 p.m., Thursday, Feb. 25, Maine Center for the Arts. Dawkins is the University of Oxford Charles Simonyi Professor of the Public Understanding of Science, University of Oxford. He has written six other books, including *Climbing Mount Improbable* and, most recently, *Unweaving the Rainbow*. He won the Royal Society of Literature Prize and the Los Angeles Times Literary Prize, both for *The Blind Watchmaker*. Dawkins has a unique gift for clearly and eloquently explaining complex theories of evolutionary biology. His work is both understandable to the layperson and interesting to the expert.

Center Stage

School of Performing Arts

Red Riding Hood According to Sondheim

This month, the stuff that fairy tales and urban legends are made of will be brought to the Hauck Auditorium stage.

Audiences can still expect a happy ending – just not a typical one.

This spring's musical, *Into the Woods*, is the School of Performing Arts' production of the Tony Award-winning Broadway hit by Stephen Sondheim and James Lapine.

Associate Professor of Theatre Tom Mikotowicz directs a cast of 19 music and theatre majors in this sophisticated look at what would happen if Red Riding Hood and her peers encountered the Big Bad World we know as reality.

"This is a show that has a lot of resonances," says Mikotowicz. "*Into the Woods* was written after Sondheim read Bruno Bettelheim's *The Uses of Enchantment: The Meaning and Importance of Fairy Tales*. Each generation

has its tales or legends that relate the values of a culture, and in Act 1, some of these familiar characters achieve their goals in fairy tale ways. But in Act 2, the characters are pitted against adult problems in an environment after 'happily ever after.'"

Local audiences have seen *Into the Woods* performed both in the community and at the Maine Center for the Arts. But according to Mikotowicz, the UMaine production will be like no other.

"Our production will be uniquely staged," says Mikotowicz. "In educational theatre, we're not interested in merely copying a Broadway production, but in a creative approach, staying true to the spirit of the work and adding dimensions of style. Ours will be a more contemporary looking version of *Into the Woods*, adhering to the original intent of the modern elements of Sondheim's music and James Lapine's characters."

The production will combine an urban approach with the age-old fairy tales. The more contemporary view of the production also includes making the construction techniques visible. "We're not going to necessarily hide the construction in the design elements," Mikotowicz says. "Instead, we're going to take the stylized elements of the music and text and carry them into the visual elements."

Designers for the production include: sets by Wayne Merritt, costumes by Jane Snider, and lighting by Gary Brown.

The score, as complex and sophisticated as the script, is a major force in the production. "There is more music in this show than in typical Broadway musicals," says Lud Hallman, the musical director for the UMaine production. "It almost feels like an opera. Even the few scenes of spoken dialogue are underscored by music."

"Sondheim is one of the few who writes both the words and music. He is considered the most important figure in American musical theatre. This is his master work."

Hallman will conduct a 15-member orchestra that includes UMaine and community artists. Choreography is by Theatre/Dance Coordinator Ann Ross.

Into the Woods will be performed in Hauck Auditorium at 7:30 p.m., Feb. 17-20; 2 p.m., Feb. 20-21. For tickets, call the Maine Center for the Arts Box Office, 581-1755.



The cast of the UMaine production of *Into the Woods* includes Christine St. Pierre and Trevor Bean.
Photo by Caleb Raynor

In Celebration of Massenet

This year's annual Massenet concert is part of a three-day Franco-French celebration at the University of Maine.

"Building Bridges," Saturday and Sunday, Feb. 13-15, will be highlighted by an evening of French chamber music, the presentation of Acadian plays, and a slide show and storytelling about Acadian culture and history.

"This is an effort to draw attention to the Franco and French culture in Maine," says Nancy Ogle, associate professor of music and chair of the Massenet Committee. "I hope audiences come to know the University's commitment to the Franco population of the state and its rich culture."

The events begin each night at 7:30 in Minsky Recital Hall. They are offered by UMaine's Massenet Committee, based in the School of Performing Arts, in collaboration with the Department of Modern Languages and Classics, the College of Liberal Arts and Sciences, and the Franco-American Center.

The Franco-American theatre troupe Du Monde d'A Cote will present plays by Michel Tremblay and Gregoire Chabot Feb. 13. The group, founded in 1996 by Chabot, produces plays written in North American French by New England Franco-Americans.

Feb. 14, the chamber music concert by UMaine music faculty and friends will include Massenet's *Creuscule* and *Aragonaise*, in addition to pieces by Boulanger, Berlioz, Faure and Messiaen. New School of Performing Arts faculty member and pianist Phillip Silver will accompany several of the soloists and will conclude the program with a performance of the first and third movements of Debussy's *Piano Trio*, with violinist Anatole Wieck and cellist Diane Roscetti.

The concert will be followed by a reception in Minsky lobby.

This is the third concert in the School of Performing Arts' ongoing annual series featuring works of Massenet and his contemporaries. UMaine is the home of the archives of the former Massenet Society of America, an extensive collection devoted to the works of the composer.

Rounding out the Building Bridges celebration will be a slide show and storytelling about the culture and history of the St. John Valley by Don Cyr, director of the Centre Culturel du Mont-Carmel in Lille. Cyr has studied Acadian history and culture for 25 years.

For tickets for the events, call 581-1755.

Conley Center Expands Its Services to the Community

The Conley Speech and Hearing Center is now open in its new home in Dunn Hall, offering services in speech-language pathology and audiology to even more members of the University community and people in the state.

The Center's move to Dunn Hall improved the general appearance of the facility and made it possible to see more clients, says Judy Stickles, interim clinic director in the Department of Communication Sciences and Disorders. The new location, on the third floor of Dunn Hall, provides five therapy rooms, improved video and audiotaping capabilities, and observation capabilities. Such accommodations facilitate the Center's goal of serving more clients and providing family-centered therapy, including the space to do group work.

"For individuals with communication difficulties, one of the big advantages of coming to the Conley Speech and Hearing Center is that we have a staff with a wide variety of experience and clinical expertise in areas that include: stuttering and fluency disorders, speech and language concerns involving infants, toddlers, school age children and adolescents, neurogenic communication disorders involving adults, hearing impairment, and family-centered practice. We are continuing to expand our specialty clinics. In addition, we offer a diagnostic clinic focusing on evaluations, supervised by faculty with particular expertise," says Stickles, a lecturer/staff speech-language pathologist.

Conley Speech and Hearing Center, the Department's primary clinical training center, was located on the lower level of North Stevens Hall for more than three decades. The staff of faculty and graduate students began seeing clients in the Center's new location in mid-January. A grand opening is planned in the fall when clinical director Susan Riley returns from sabbatical.

Also located in Dunn Hall is a full-service audiology clinic, which opened in 1997 under the direction of Amy Booth. It offers expanded services in hearing evaluation and hearing aid evaluations and fittings.

Providing services in both speech-language pathology and audiology particularly benefits individuals who are hearing impaired, says Stickles. Clients now can come to Conley Speech and Hearing Center for speech-language therapy and be followed at the clinic for their audiological needs as well.

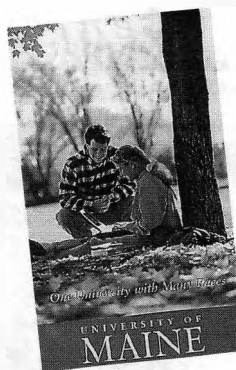
Such proximity of the "sister professions" also offers students expanded opportunities for understanding the field of audiology. "Here our students get the experience of working in an audiology clinic busy serving members of the University community, as well as people of all ages from the community," she says.

"We are pleased that all of our graduate students have an opportunity to complete at least one clinical practicum experience at the Conley Speech and Hearing Center during their two-year program of graduate study in Communication Sciences and Disorders," says Stickles. "The Conley Speech and Hearing Center offers faculty supervision by experts in their fields and serves a wide variety of clients – from infants to the elderly."

For further information on the services available to the public at Conley Speech and Hearing Center, call 581-2006. Immediate openings are now available for speech-language therapy and hearing evaluation. ▲

Directory Changes

James Gallagher, Associate Professor, Sociology, 201D Fernald Hall, x2392.
E-mail: jgallag@maine.edu



UMaine Admissions Video Wins CASE Award

The University of Maine Department of Public Affairs has received a Silver Award in the Council for Advancement and Support of Education (CASE) District I competition for *One University With Many Faces*, the new admissions/recruitment video. The 12-

minute video was made by Public Affairs producers Rick Winter, Ron Lisnet and Kim Mitchell, and Creative Services Coordinator Monique Mace-Hashey.

The award was presented at a CASE conference in Boston Jan. 25. One CASE judge noted that UMaine's entry was "the best she's ever seen."

The admissions/recruitment video, a project of Enrollment Management, was coordinated by Dean John Beacon. In a note to members of the campus community, Beacon noted that the Public Affairs producers and designers who were responsible for creating the award-winning video, make up "a very talented group of people who have the technical expertise and artistic talent to produce excellent materials."

The video highlights four aspects of University life: academics, arts and culture, activities and the Maine experience. Insights are provided by Maine alumni, including Allen Fernald, publisher of *Down East* magazine, and Jill McGowan, a Portland fashion designer. It also features perspectives from undergraduate students Amy Hall of Buxton and Al Putnam of Houlton, and Assistant Professor of Computer Science Elise Turner.

Copies of the video are available in the Office of Enrollment Management. ▲

Gallery Glimpses

9th Annual Games Day

Games from around the world and an international dance party for children in grades 1-6 will highlight the Hudson Museum's 9th Annual Games Day Feb. 17.

Popular Games Day activities include the Chocolate Eating Game from Germany, and the Feather Race from Mexico.

Games Day, from 10 a.m.-12:15 p.m., can accommodate 160 registrants, on a first-come, first-serve basis. Register by Feb. 12 by calling 581-1901. Cost is \$3 per child.

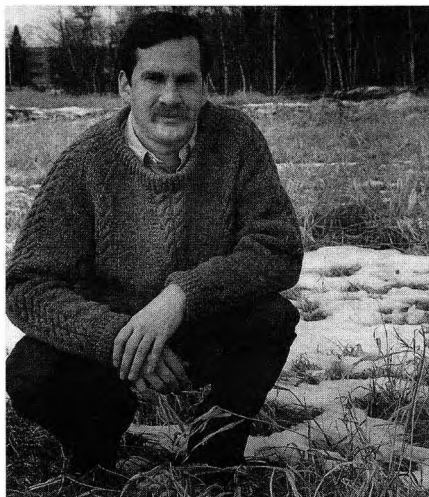
CALL FOR CLASS BOOK NOMINATIONS

The Academic Affairs Committee of the Faculty Senate is soliciting nominations from faculty, students, and staff for the University of Maine Class Book for the academic year 2000-01. Criteria for the class book include:

- ▼ The book should be of sufficient intellectual rigor and cultural interest to engage an audience of university faculty and students, yet broad enough to appeal to a diverse academic community.
- ▼ All nominations should be accompanied by a copy of the book (which will be returned to you) and a one-page statement outlining the arguments in favor of its selection.
- ▼ The book should be available in paperback and reasonably priced.

Send nominations to James Horan, chair of the Academic Affairs Committee, Department of Public Administration, 239 N. Stevens Hall. The deadline for nominations is Friday, Feb. 26.

What book do you think we should be reading in the first year of the new millennium?



Andrew Files

Linking Farms, Strengthening Communities

In Aroostook County, returning to the days of greater cooperation between farmers may hold a key to the future of agriculture and the viability of rural communities, according to a graduate student in resource economics and policy.

"Maine is ready for this," says Andrew Files of Dedham. "With urban sprawl and fluctuating technological changes in agriculture, we've been losing farms for years. This is something that can help to stem that tide."

Graduate Student Focus

In his master's thesis, Files is studying the economic effectiveness of integrating the operations of livestock and potato farming in the County. Two indicators of success of such an integrated system are net farm income and farming value added – total revenues that stay in the farming community instead of the input or marketing sectors.

"Right now, the two types of farm enterprises are separate, but there are benefits one can give to another," says Files. "The livestock farm needs land for manure management and the potato farmer, with the land base, can benefit from manure that builds soil quality."

"In the early days, farms were integrated to do all that; with industrialization, agricultural enterprises are separate and focusing on one activity. Today, such an integrated system requires proximity, willing partners and a balance of the compensation," says Files.

Just as important, Files says, such farmers need a shared vision of the importance of sustainable agriculture and the future of farming.

"It is easier not to do this," says Files. "But by using manure, potato farmers can reduce the amount and cost of chemical fertilizer and have a ready market for rotational crops."

"It takes a concerted effort for farmers to recognize their shared needs, concern for the environment and interest in keeping things local."

Personally and professionally, Files believes in the importance of "keeping things local." After he received an undergraduate degree in chemical engineering from UMaine in 1984, Files worked in that field for a few years before being caught in a layoff. Rather than pursue a career out of state, Files decided to stay in Maine.

After working as a wilderness trip leader, Files returned to his alma mater in 1995 to study sustainable agriculture. It was while taking a class from Professor of Sustainable Agriculture Policy Stewart Smith that Files took another career turn, this time into resource economics and policy.

Files' work is now being watched with interest by the Maine Sustainable Agriculture Society (MESAS), which has a goal of helping farmers learn about and use integrated systems.

For his career interests, Files focuses on community development to bring people together for a common goal. Whether through sustainable development in a community or sustainable agriculture projects, these are the underlying threads that can start community initiatives. The key is ensuring that farmers remain profitable, that there is environmental awareness and sustainability locally.

"Economics is more than just dollar signs. A human element is involved," says Files, remembering some of the first lessons he learned from Smith, who is now his graduate advisor.

"Consideration should be given to not just what works financially but what is good for people in general – individuals and communities of people." ▲

New Device Allows Scientists to Peer Deep into Minerals

A powerful new machine in the Bryand Global Sciences Building may be the Hubble Telescope of geology and surface science for UMaine scientists. Purchased with a combination of National Science Foundation and University funds, the device allows scientists to peer deeply into the structure of minerals and other materials.

The device, an X-ray diffractometer, is already playing an important role in basic geological research, as well as efforts to develop new sensors and understand how pollution behaves in groundwater. Funding also came from the Laboratory for Surface Science and Technology (LASST). LASST has acquired X-ray components to analyze thin films at the atomic level. Knowing how atoms are arranged is critical to understanding how sensors react with gases, metals and other compounds.

Geologists use the diffractometer to gather clues about conditions under which minerals formed. In turn, such information can be used to determine what climates were like or what active geological processes were at work in Maine's past.

The diffractometer, manufactured by Scintag Inc. of Cupertino, Calif., became fully operational in December. It has several unusual features that make it particularly useful for atomic level studies, including a highly sensitive, solid-state, X-ray detector that monitors the intensity of rays reflected off the sample.

A newly developed parallel, X-ray focusing system was also purchased to allow a non-destructive analysis of rough materials such as rocks, artifacts, and manufactured materials. Scientists will use it to analyze much smaller amounts of material than would otherwise be possible.

Because X-rays have such short wavelengths, they can illuminate structural details such as the spacing between individual atoms. "I can determine the chemical composition of a mineral sample using other methods, but unless I know exactly how the atoms are arranged in the crystal structure, the sample could be any one of several distinct minerals," says Martin Yates, laboratory manager in geology. "This gives us the ability to identify a mineral without a doubt."

Scientists also use the machine to identify minerals in complex mixtures such as marine clays and organic lake sediments. ▲

Oral Exams

"A Dynamic Parameter Tuning Algorithm for RBF Neural Networks," by Junxu Li, candidate for master's degree in computer engineering, 11 a.m., March 3, 152 Barrows Hall.

For Children and Adults with ADHD

Alternatives – and Answers

Eight-year-old Thomas is in special education classes, focusing on the difficulty he has with math and writing. Yet his biggest hurdle to learning may be his behavior at home and school. He is confrontational and argumentative, impulsive and immature, inattentive and hyperactive. His non-responsiveness when spoken to has led his parents to think that he may have a hearing problem.

Stuart can identify with Thomas' experience. The 22-year-old remembers feeling lonely and inferior as a child. Stuart has a history of being unable to control his anger and aggression. He has few friends and impulsively quits every job he starts after only a short while. Unfortunately, even the psychostimulant Ritalin he has been prescribed has little effect on his destructive behavior.

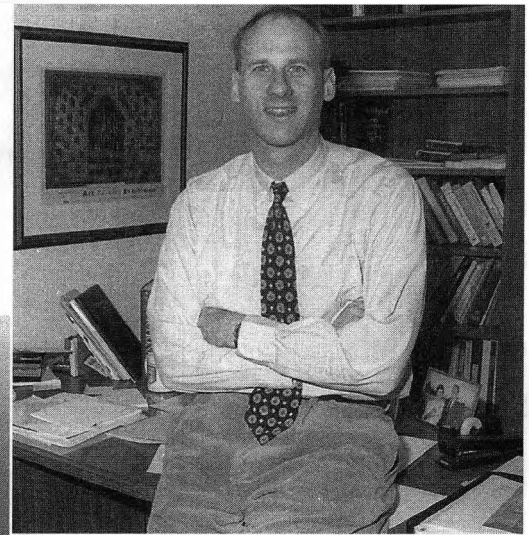
In the past two years, children and adults like Thomas and Stuart have found a range of diagnostic and treatment services to help them at the Attention-Deficit/Hyperactivity Disorder (ADHD) Specialty Clinic at the University of Maine. The clinic is directed by Douglas Nangle, assistant professor of psychology, and operates as part of the Psychological Services Center.

Services typically begin with an intensive diagnostic evaluation that includes a battery of more than 20 different tests and measures completed by the client, teachers and significant others, and a three-hour structured interview in which the client's developmental, educational, and medical history are reviewed. Upon completion of the diagnostic evaluation, the client returns for a one-hour feedback session in which the results are discussed and detailed treatment recommendations provided. If desired by the client, the Clinic offers to assist in the coordination of treatment services with other professionals. For example, Clinic staff might present the finished report to school professionals at a Pupil Evaluation Team (PET) meeting.

ADHD is the most prevalent and commonly referred childhood psychiatric disorder. Nationwide it is estimated that up to 5 percent of school-age children have ADHD. The behavior disorder is characterized by inattention, impulsivity and hyperactivity. Although some degree of such behaviors are typical in normal development, particularly in the preschool years, children with ADHD exhibit them at excessive levels and have concomitant impairments in social and/or educational functioning.

Interestingly, it is often the problems associated with ADHD, such as low self-esteem, peer difficulties, conduct problems, temper outbursts, and academic deficiencies, that are targeted in intervention rather than the core symptoms.

Many parents of youngsters with ADHD recognize that something is wrong in the actions of their preschoolers, but it isn't until



Director of UMaine's ADHD Specialty Clinic is Douglas Nangle. Graduate students working in the clinic are, left to right, April Nesin of Huntsville, Ala., Julie Newman of Pittsburgh, both of whom are in their second year of the developmental-clinical psychology program, and Student Director Rachel Grover of Syracuse, who is in her third year.

the children enter a structured school environment that most ADHD diagnoses are made. The disorder is diagnosed three times more frequently in boys than girls.

Left undiagnosed or untreated, the symptoms and problems related to ADHD can be exacerbated in adulthood. Increasing dialogue about ADHD in the popular press is prompting more adults to seek treatment. Even at the UMaine clinic, there are more adult referrals than expected. Sixty percent of the adults seen in the UMaine clinic are diagnosed with ADHD.

Adult cases are often extraordinarily complex. Adults with ADHD are more likely to experience a range of other problems, such as depression, frequent job changes, relationship difficulties, substance abuse, and antisocial behavior — even a higher incidence of auto accidents. One of the diagnostic challenges is determining whether the client's current attention difficulties stem from one of these related problems, ADHD, or both. For example, depression can result in many of the same symptoms as ADHD, but a diagnosis of depression does not rule out ADHD.

In making a diagnosis, evidence of a stable developmental pattern of ADHD symptoms and impairments beginning at or before about age 7 must be established. This requires an extensive historical review that might include retrospective reports of parents and siblings, school and employment records, as well as the administration of measures designed for this purpose. Related disorders, such as depression and anxiety, also must be assessed.

"Given the prevalence of ADHD, the Bangor area is fortunate to have the quality services provided through Developmental and Behavioral Pediatrics at the Eastern Maine Medical Center," Nangle says. "Our (psychology graduate) students have practicum placements there."

In view of the typically long waiting list at EMMC, it is helpful for parents to have an alternative for diagnostic services. In addition, the UMaine clinic provides a range of unique services. Clients have the option of pursuing most of the individually tailored treatment recommendations through the Psychological Services Center on a sliding scale fee basis.

continued on page 14

PANEL TO ADDRESS ISSUES OF FREE SPEECH

"Free Speech/Hate Speech: Where Do We Draw the Line?" will be the focus of a panel presentation and discussion Feb. 24, offered by the Office of Equal Opportunity as part of Black History Month.

Panelists will include Steve Wessler, Maine assistant attorney general, First Amendment attorney Pat Peard, and UMaine Professor of Communication and Journalism Lyombe Eko, who has expertise in mass media and Internet telecommunication law and policy.

Distinguishing between protected speech that may be offensive and speech that is prohibited by civil rights law has become increasingly challenging as electronic communication makes instant mass communication possible. At UMaine, controversy over published cartoons and letters, postings in FirstClass folders, and views expressed in the classroom and residence halls has generated heated discussion about the line between free speech and hostile environment.

The panel will offer several views on these important issues and answer questions from the audience. "Free Speech/Hate Speech begins at 7 p.m., 100 Nutting Hall.

DISTINGUISHED SPEAKERS COMING TO CAMPUS FOR BLACK HISTORY MONTH

Lectures by four national scholars in African American studies highlight UMaine's observance of Black History Month.

Keynoting the month will be William Strickland, professor of Afro-American studies at the University of Massachusetts, speaking at the Black History Banquet and Social on Friday, Feb. 12.

Other speakers scheduled as part of the observance are Hazel Carby, chair of the African and African American Studies Program at Yale University, speaking Tuesday and Wednesday, Feb. 9-10; Brenda Verner, founder of the National Africana Women's Studies Association, talking on Thursday, Feb. 18; and Carla Peterson, professor of English and comparative literature at the University of Maryland, lecturing on Tuesday, Feb. 23.

These lectures, in addition to other talks, multicultural films and discussions, are offered by a number of departments and programs across campus, and coordinated by Multicultural Student Affairs as part of the observance of Black History Month.

"One of the themes this year is more community unity," says Shannetta Mennenga, interim assistant dean of Multicultural Student Affairs. "In the past, all the planning to observe Black History Month largely came from the Multicultural Student Affairs Office. This year was different. A number of groups have events planned as a University-wide effort. It shows we are coming together more as a community to say that observing Black History Month is not just a responsibility of the Black Student Union or Multicultural Student Affairs.

"It is indicative of the progress we are making (at the University of Maine). It has to do with all of us celebrating Black History Month as part of American culture."

All Black History Month events are posted in the University of Maine Master Calendar.

Tickets for the Black History Banquet and Social Feb. 12 in Wells Conference Center are available by calling Multicultural Student Affairs, 581-1405.

UMAINE TEAM DESIGNS CONCRETE TOBOGGAN FOR INTERNATIONAL COMPETITION

A group of UMaine engineering students is building a toboggan with lightweight concrete runners to enter the Great Northern Concrete Toboggan Race.

Their entry will be one of 30 from universities in Canada and the United States.

The race, held annually since 1974, will take place Feb. 3-6 at the University of Waterloo in Ontario, Canada.

The UMaine entry will easily meet the 300-pound maximum weight limit thanks to an innovative lightweight concrete mix designed by Keith Wood, civil engineering graduate student from Manchester. The concrete is reinforced with fiberglass rods, and the resulting product is 60 percent lighter than conventional material used in construction.

"The students have a lot of fun at this event, but they also work hard to get there," says Joan Brooks, research associate emerita in civil and environmental engineering who is project co-advisor with Chuck Gould of Construction Management Technology. Most of the student participants are enrolled in the Construction Management Technology program.

In 1994, UMaine took first place in the design category for a sleek, aerodynamic toboggan. This time, the 12 student participants have chosen to model their entry after an 18-wheel truck in the Stephen King-directed movie, *Maximum Overdrive*. They have named their entry Minimum Overslide.

The team is concurrently building the toboggan and raising money, says team captain Cory Verrill of Windham, a student in construction management technology. More than \$3,000 of the estimated \$4,000 budget has already been raised. Members of the student chapter of the Associated General Contractors raised a majority of the funds.

The entries will be judged on technical details as well as spirit, presentation, a display and how well the machine performs. Points are earned for maximum speed, minimum braking distance and fastest time down the course.

"The mix of engineering disciplines requires a lot of cooperation and communication," says Andrea Downs, a CIE student from Lee. "Everyone has a specific job to do, whether it is design, fund raising, construction or preparing the required technical report. We're learning to work with new people from other majors. That's something we'll definitely encounter in the workplace but don't always see at the University."

A SECOND KISS OF GLOBAL PROPORTIONS

Romance and records will be in the air on Valentine's Day, as the University of Maine attempts to reclaim the world record for having the most people kissing in one place at one time.

UMaine set the record Feb. 14, 1996, when 1,420 people kissed simultaneously at Alford Arena. The record was broken in August 1998, when 1,600 couples smooched at Alcala de Henares, Spain. A subsequent attempt on that record, on New Year's Eve in Columbus, Ohio, fell short.

The new attempt is scheduled for 4 p.m., Sunday, Feb. 14, following a women's basketball game against the University of New Hampshire. Those attending the game will be asked to leave and re-enter, so that a verifiable count can be established. President Hoff and his wife, Dianne, will be on the ice surface to lead the kiss, which will last 10 seconds. Donations for the American Heart Association will be accepted.

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Economic Benefits of the Great Outdoors

Hunting, inland fishing and wildlife-associated recreation generate more than \$1 billion annually in direct and indirect economic activity in Maine, and the economic impact reaches deep into the state, particularly in rural Maine, according to a report released today by two University of Maine professors.

"Hunting, fishing and wildlife-associated recreation provide Maine with an important source of jobs, income and other benefits," the report says. "These benefits are particularly important in rural or remote areas where other sources of income are limited."

Mario Teisl and Kevin Boyle of the Department of Resource Economics and Policy calculated the figures based on spending made by hunters, inland anglers and individuals who actively participated in observing, photographing or feeding wildlife. These spending figures are reported in the 1996 National Survey of Fishing, Hunting and Wildlife-associated Recreation by the U.S. Department of the Interior.

Significant findings from the study include the following:

- ▼ Total retail sales associated with all three types of activities amounted to more than \$750 million.
- ▼ A total of 17,680 jobs were supported by the money spent by hunters, inland anglers and wildlife watchers, and these wages and jobs generated an estimated \$48.4 million in sales tax revenue and more than \$19 million in state income tax revenue.
- ▼ Hunting generated the most economic activity, about \$454 million, followed by wildlife watching (\$332 million) and inland fishing (\$293 million).
- ▼ Activities by Maine residents and non-residents were included. The highest participation rate was for wildlife watching, 754,500 people for a total of 2.9 million days. For fishing, participation was listed as 289,800 people for a total of 4.1 million days. Participation in hunting was estimated at 195,200 people and about 3.4 million total days of hunting activity.

The authors applied an economic impact model to measure how retail spending generates economic activity in different sectors of Maine's economy such as food, transportation, clothing, equipment, lodging and utilities.

"The study results indicate that hunting, fishing and wildlife watching all make substantial contributions to Maine's economy through jobs, income and taxes," said co-author Kevin Boyle. "However the contribution to the general tax revenue of the state is not used to protect and enhance this important resource."

The Department of Inland Fisheries and Wildlife is the steward of hunting, fishing and wildlife-associated recreation in Maine. Revenue to support state wildlife management comes from the sale of hunting and fishing licenses, and the sale of conservation license plates and the chickadee check-off on state income tax forms.

This past year, sales of resident fishing licenses increased, reversing a five-year downward trend. More than 111,000 Maine residents purchased fishing licenses this year, the highest total since 1993 when 115,000 purchased licenses. Hunting licenses remain stable with approximately 210,000 hunters purchasing licenses in Maine this year. For the past three years, total hunting license sales have hovered between 209,000 and 213,000, and this year's totals are in that range.

Details of the economic impacts of hunting, fishing and wildlife-associated recreation are contained in an eight-page Maine Agricultural and Forestry Experiment Station report.

Climate and Cultural Revolution

Regional climate changes may have helped to shape the evolution of ancient human societies, according to a paper in this week's issue of *Science* by two University of Maine professors and a colleague from the U. S. National Park Service.

Authors Daniel Sandweiss and Kirk Maasch of the Institute for Quaternary Studies at UMaine, and David Anderson of the National Park Service, base their paper on their own research as well as scientific presentations at a 1998 conference at UMaine. At that meeting, scientists from around the world described evidence for climate changes and cultural developments in North and South America, Scandinavia, the Mideast, China and Japan.

The UMaine meeting was sponsored by the Foundation for Exploration and Research on Cultural Origins (FERCO) headquartered in the Canary Islands. Sandweiss is also president of the FERCO scientific committee.

The *Science* paper summarizes some of that information and notes that while climate appears to have affected culture at locations around the world, the relationship between the two is complex.

"The evidence . . . confirms that the mid-Holocene (8,000 to 3,000 years before the present) was a time of increasing climate variability and cultural change in many parts of the world but that climatic and cultural events and trends were neither global nor synchronous," the paper concludes.

"In general, climate was warmer and less variable for several millennia before 5,800 years B.P. (before the present) than in the immediately following period. Cultural complexity generally increased where climate change was most apparent."

The issue is relevant to the El Niño phenomenon in the equatorial Pacific Ocean. Sandweiss and Maasch were co-authors of a 1996 paper in *Science* that described evidence that El Niño did not exist until about 5,800 years ago. That theory is based on an analysis of fish and shellfish remains contained in coastal Peruvian archeological sites.

In the latest *Science* paper, the authors note that prior to the onset of El Niño, ancient Peruvian communities depended on either marine or agricultural resources but not both. After El Niño began, these societies appear to have developed more sophisticated cultures. They began to construct temples and to use both fish and agricultural crops for food.

Exactly how climate might have influenced these trends is not clear, the paper states. "The connections between climate and culture remain largely unclear and require case-by-case study with high temporal resolution and precise dating," the authors say.

Sandweiss and Maasch are also working on a full report from the UMaine conference. Chapters are being written by scientists who gave presentations. Their goal is to describe evidence for cultural developments which might have been influenced by changes in climate.

At UMaine, Sandweiss is also affiliated with the Department of Anthropology and Maasch with the Department of Geological Sciences.

Science is published by the American Association for the Advancement of Science.



BearWorks
University of Maine

SPOTLIGHT ON COLLEGE TEACHING

Thinking Differently About Teaching and Learning

Virginia Technical College faced a serious problem in its math courses. High numbers of students failed these courses repeatedly. While this would be a problem on many campuses, it was a source of critical concern at a school with many majors requiring high-level math competence.

The math department tried traditional methods of improving courses to better serve students, including research into why and how students were failing, developing prerequisite entry courses, and beefing up teaching seminars for faculty. After seeing limited success after years of effort, they decided to try a radical new approach. They developed the Math Emporium.

Math Emporium is a 50,000-square-foot facility equipped with 500 computers wired with self-paced lectures for 12 math courses offered in multiple sections. Math students don't spend three hours a week watching a professor demonstrate math problems to a class. Instead, they watch videotaped demonstrations on one part of their computer screen, attempting to complete the problems as they follow along on another part of the screen. If they need assistance, they raise their hand and during normal work hours, a teaching assistant or professor comes to their aid. The Emporium is open 24 hours a day, and is staffed 80 hours a week by math faculty and teaching assistants. Small groups seeking assistance in a specific area regularly convene throughout the facility, working with instructors for short-term support.

Math Emporium has transformed the role of math professors at Virginia Tech. While the number of contact hours with students hasn't increased, the time is now distributed differently. Professors spend far less time in whole class demonstrations, and far more time giving one-on-one and small group assistance. Students work at their own pace. Some complete a semester-long course in five weeks; others need as long as 25 to master the material. In the first year, the failure rate in Math Emporium classes dropped by an average of 40 percent over the previous year of traditional instruction. The goal this year is to continue to decrease course failure rate, and build more integration across other fields and courses that require mathematical competence.

This does not mean work in the Emporium always goes smoothly. Students say they want responsibility for their learning, but they aren't always happy when they realize how much responsibility they have in the program. And they sometimes miss the clear presence of one person who will be their "teacher" throughout the semester. Most of the time, the computers run smoothly, but technical glitches can be stressful for all. As one professor put it, "It's certainly an inconvenience when a computer lab serving 20 students has its system crash. When the Emporium crashes, you have 200 very angry students who want immediate help."

The Emporium isn't a model that all colleges, or even many, might want to adopt. But what is striking is how willing a team of Virginia Tech faculty was to find radically new solutions to old teaching problems. Working from a limited resource base of faculty time and computers, they pooled labor and technology to come up with a teaching scheme that more closely reflects how students learn in individualized ways and at their own pace.

What are the teaching dilemmas you face as an individual? As a member of a department? Are there radical ways you can shift resources or use new technologies, thinking differently about how students learn and how you teach? That's the challenge for us all as university professors.

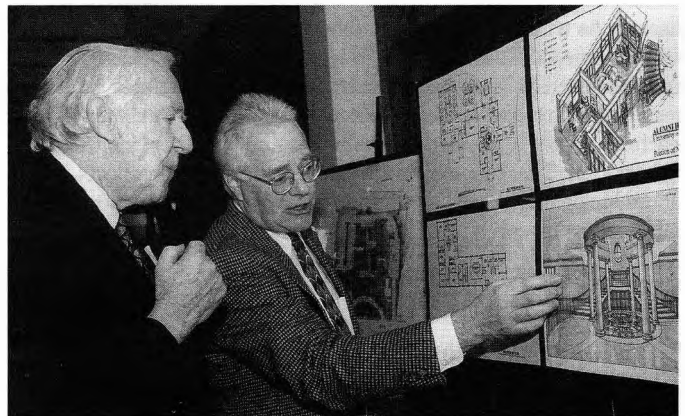
Instructional Development Upcoming Events

"What I Wished I'd Known . . .," a panel discussion focusing on advice from newer faculty for new faculty, noon-1:30 p.m., Wednesday, Feb. 24, 202 Shibles Hall. *All welcome.*

"Learning Large: Strategies From Master Teachers of Large Lecture Courses," a panel discussion, noon-1:30 p.m., Wednesday, March 24, 202 Shibles Hall. *All welcome.*

Myth of the Month – Early retirement programs have greatly reduced the number of senior faculty nationwide over the past decade, at a time when these faculty are most needed to guide younger faculty through program reform initiatives.

In reality, the reverse of this trend is true. In the year 2000, fully 40 percent of faculty will be over age 55; 68 percent will be over age 50. These demographic trends present many opportunities and challenges when it comes to improving college teaching. Young faculty do have many older colleagues who can serve as mentors. At the same time, rapidly changing technologies for instruction will require professors to change the way they teach -- sometimes making significant shifts in instructional style late in their careers.



Alumni William Treat, the Honorary National Campaign Chair, and John Rohman, owner of WBRC Architects, look over the architectural drawings of Alumni House, what will be UMaine's new "front door." *Photo by Kathryn Rice*

Alumni House *continued from page 1*

in unveiling plans for UMaine's new "front door," to be located at the south entrance of campus near Chadbourne Hall. Serving as Honorary National Campaign Chair is William Treat, Class of '40 and a former judge, United Nations diplomat and advisor to four U.S. presidents; P. James Dowe, Class of '72, president/CEO of Bangor Savings Bank and chair of the UMaine Board of Visitors, chairs the capital campaign's Maine Division.

To date, more than 12,000 alumni have contributed more than \$4 million to the "A Place to Call Home" campaign.

Though the University will make land available for Alumni House, construction and operation of the facility will be funded entirely through private contributions.

Groundbreaking could occur as early as spring 2000.

Alumni House will serve UMaine's 84,000 living alumni and its many friends. Alumni House will showcase the University and its prominent graduates through a number of unique spaces, including a Leadership Hall and an alumni library/archive. A visitor's center, meeting and function rooms, a Maine Family Room and other spaces will allow the University to build and maintain relationships with alumni and friends. ▲

ADHD *continued from page 10*

"When I came here, I saw a need in the community for treatment alternatives to medication for ADHD children," Nangle says. "We now know that the most effective long-term treatments for ADHD combine psychostimulant medication and behavioral treatments." Such behavioral interventions include parent training, enhanced home structure, and the coordination of efforts between parents and teachers. The clinic also serves a growing need for adult services. Since its beginning just two years ago, the clinic has received referrals from the University, Eastern Maine Technical College, Maine Department of Labor Rehabilitation Services, and Penobscot Job Corps.

Community education, through workshops for teachers, parents, and mental health professionals, is also provided. The clinic has another important educational mission. Students enrolled in the University's American Psychological Association-accredited Ph.D. programs in clinical and developmental-clinical psychology assist Nangle in all of the evaluations.

In recent years, ADHD has received greater attention in the popular press. That presents an interesting dichotomy between generalized heightened awareness about ADHD and the facts revealed by research, says Nangle.

"There is some amount of misinformation about ADHD. People are really polarized, with some thinking this (rising prevalence) reflects a societal trend and others swearing it is a biological disease. As with most polarized debates, there is truth on both sides. Increased class sizes and heightened awareness have most likely resulted in increased rates of diagnosis. Oftentimes, a 'diagnosis' is made based on insufficient information, such as a teacher's report of problematic behavior and/or a short visit to a pediatrician. There is no doubt, however, that ADHD reflects an actual biologically based syndrome in properly diagnosed individuals. Recent research implicates abnormal functioning of the prefrontal cortex, striatum, corpus callosum, and right cerebellum. ADHD also has a genetic component and is inheritable."

Medication treatment is the most researched and widely accepted, says Nangle. Estimates are that more than 90 percent of elementary-age children diagnosed with ADHD receive some type of psychostimulant medication treatment at some point. "The problem is, there's usually no follow-up assessment to see how the medication actually affects the child. Complicated medications affect children in unique ways," says Nangle. "To my frustration, most clients at the clinic, as elsewhere, are happy to get the diagnosis and get medication, which is fairly inexpensive and somewhat effective in about 75 percent of cases, and not do the work of bringing about family and/or school changes.

"Medication is shown to be effective in getting a child to behave better in class, decreasing aggression and improving short-term academic performance. However, there's no evidence that it actually helps the child in the long run," Nangle says. "No matter how good, medications don't teach children new ways of learning or structuring their time. The trend in treatment is to supplement medication with behavioral treatments that focus on developing new skills and changing family and school environments."

As an undergraduate at the State University of New York at Stony Brook, Nangle worked in the research lab of the prominent husband and wife team of K. Daniel and Susan O'Leary, pioneers of some of the first studies of adjunct treatment combining medication with behavior modification for treatment of ADHD. In such treatment, the addition of behavioral modification progressively reduced the children's need for medication and eventually allowed for its complete withdrawal without a loss of treatment gains.

Prior to joining the UMaine faculty in 1994, Nangle had five years of clinical experience with ADHD children in renowned treatment centers at Florida State University and the University

of Pittsburgh School of Medicine, where he worked with William Pelham, considered a foremost authority on ADHD. Now at SUNY-Buffalo, Pelham conducts much of this research through his Summer Treatment Program (STP) for ADHD children, which has been named by the American Psychological Association as a Model Program in Service Delivery in Child and Family Mental Health.

"Out of my ADHD work, a large interest of mine is peer interaction, which is one of the most common reasons children are referred for treatment of ADHD. Poor peer relationships, with or without ADHD, are predictive of long-term difficulties," says Nangle, whose research interests also include the assessment and treatment of children's peer relationship problems.

In the '70s and '80s, the predominant view was that ADHD was outgrown by adolescence, says Nangle. Today, long-term follow-up research indicates that is not true. Studies now show that up to 70 percent of children with ADHD continue to have some core symptoms as adults. For about a third of them, the childhood symptoms such as conduct and learning disorders are manifested in adulthood in increased risk for felony conviction, depression, serious psychological disorders and high divorce rate.

"ADHD initially was considered to be caused by minimal brain dysfunction. Yet there was no good evidence of actual brain differences in children," Nangle says. "In the '70s, the focus was on hyperactivity. However, many of these children were found not to be necessarily more active than others, just more active at the wrong times. In the '80s, researchers started to view the core of disorder as being deficits in sustaining and regulating attention, which remains the prevailing view. With improved technology like magnetic resonance imaging (MRI), researchers have begun to accumulate evidence for a biological basis in the brains of individuals with ADHD. There is strong evidence that the prefrontal cortex and other areas of the brain affecting attention are not as developed in mass and metabolic activity.

In addition, there is a high tendency for children with ADHD to have parents with some degree of attention problems. For adults, including parents of children with ADHD, behavioral treatment can include time and stress management, marriage counseling, organization skills, self-reinforcement and relaxation techniques, and anger control training.

A mother experiencing high levels of distress can affect her child's behavior. In that case, Nangle's first recommendation is for the mother to get individual services. Then attention turns to structuring after-school time for the child. Parenting training includes moving the adult's interaction with the child away from coercion – do this or else – to more positive, consistent feedback. A large part of the training has to do with teaching the parent to enjoy the child. The ultimate outcome is in changing interaction so the child sees the parent as a reinforcing figure.

Parents must work with the schools to help children with ADHD attain daily goals. The commitment of schools to address the needs of children with ADHD is critical.

"While schools have legally mandated amounts of services to provide, some are wanting. From what I've seen, students with ADHD are often pulled out of the regular classroom to avoid impacting the education of others. The student with ADHD is then put in an environment with other children with problems – and lowered educational expectations," Nangle says.

"What could help ADHD kids in the classroom could make education better for all students. A student with ADHD functions best in small classes with structured environments marked by consistent discipline and rewards. Because of their problems, a lot of children with ADHD receive mostly negative feedback at school or home. Parents and teachers need to be reinforcing figures for them. It all sounds simple, but it is hard to accomplish." ▲

François Amar, associate professor of chemistry: "On the Use of Evaporation Dynamics to Characterize Phase Transitions in van der Waals Clusters: Investigations in aniline(argon) up to n=15," P. Parneix, F.G. Amar, and Ph. Bréchnignac, *Chemical Physics*, 239:121 (1998).

Douglas Flewelling, project manager in the National Center for Geographic Information and Analysis, and **Max Egenhofer**, director of the National Center for Geographic Information and Analysis, College of Engineering's Libra Professor, associate professor in spatial information science and engineering, and cooperating associate professor in computer science: "Using Digital Spatial Archives Effectively," *International Journal of Geographical Information Science*, 13(1):1-8 (1999).

Brenda Power, associate professor of literacy education: commentary, "Reading Reform: Lessons From Maine," *Education Week* (Jan. 20, 1999).

Marisue Pickering, professor of communication sciences and disorders: "External Factors Influencing the Profession in Six Societies," with L. McAllister, P. Hagler, T. Whitehill, C. Penn, S. Robertson and V. McCready, *American Journal of Speech-Language Pathology*, 7:5-17.

Mary Ellen Camire, associate professor of food science and human nutrition: "Focus on Fibre" (the cover focus story), *Ingredients, Health & Nutrition*, 1(4):27-9 (1998).

Stuart Marrs, associate professor of music: a translation, Neira Betancourt, Lino Arturo, "Domingo F. Aragu Rodriguez and Percussion in Cuba," *Percussive Notes* 37(1):21-31 (February 1999).

Daniel Sandweiss, assistant professor of anthropology and Quaternary studies, **Kirk Maasch**, associate professor of Quaternary studies and geological sciences, and David Anderson: "Climate and Culture: Transitions in the Mid-Holocene," *Science*, 283:499-500 (1999).

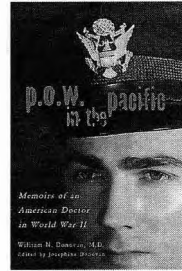
Monica Barnes and **Daniel Sandweiss**, editors, *Andean Past*, 5:421, Ithaca: Cornell Latin American Studies Program, (1998). *Andean Past* is a series of edited volumes of peer-reviewed papers on Andean archaeology and ethnohistory founded by Sandweiss while a graduate student at Cornell University. Editorial Advisory Board members are Thomas Lynch (director, Brazos County Museum of Natural History), Richard Burger (professor of anthropology and director of the Peabody Museum of Natural History, Yale University), and Craig Morris (curator of anthropology and dean of science, American Museum of Natural History and Fellow, National Academy of Sciences). *Andean Past* is published approximately every two years.

A special section of the journal, *Education and Treatment of Children*, edited by **Douglas Nangle**, assistant professor of psychology, and David Hansen, professor of psychology at the University of Nebraska, "New Directions in the Application of Social Skills Interventions with Adolescents," was published in November 1998 (Vol. 21). School-based violence prevention programs and Attention-Deficit/Hyperactivity Disorder were among the topics reviewed, with contributions from researchers at the University of Maine, University of Nebraska, Brown University, and Virginia Commonwealth University. Within the section, Nangle published three articles: "New Directions in the Application of Social-Skills Interventions with Adolescents: Introduction to the Special Section," *Education and Treatment of Children*, 427-30; with Hansen, "Adolescent Heterosocial Competence Revisited: The Implications of an Expanded Conceptualization for the Prevention of High-Risk Sexual Interactions," *Education and Treatment of Children*, pp. 431-46; and "Enhancing the Effectiveness of Social-Skill Interventions with Adolescents," *Education and Treatment of Children*, 489-513.

William Livingston, associate professor of forest ecosystem science, and **Anne Lund**, former graduate student in forest ecosystem science: "Freezing Cycles Enhance Winter Injury in *Picea rubens*," *Tree Physiology*, 19:65-9 (1998).

V O L U M E S

Recent Works by University of Maine Authors



P.O.W. in the Pacific: Memoirs of an American Doctor in World War II
By Dr. William Donovan
Edited by Josephine Donovan
(Scholarly Resources 1998)

U.S. Army medical officer William Donovan was a prisoner of war in the Philippines, facing unspeakable conditions and abuse in Japanese camps during World War II. Donovan remembers the brutality, starvation and disease he and other men endured, as well as the courage and determination it took to survive.

In his memoirs, edited by his daughter, Professor of English Josephine Donovan, Dr. Donovan describes the last weeks before his capture and his struggles after being taken prisoner at the surrender of Corregidor in 1942. He remained a prisoner of war, interned in camps and even on the infamous Japanese freighter dubbed "Horror Maru," until his release on V-J Day more than three years later.

P.O.W. in the Pacific offers a new perspective – that of a medical doctor – on the experience of captivity in Japanese prison camps, as well as on the war in the Pacific.

Josephine Donovan wrote the book's introduction and its last chapter, "The Home Front," which includes excerpts from her mother's wartime correspondence with her father.

Book Ends

New & Noteworthy at the University Bookstore

February is Black History Month. Here are a few of the many titles that we carry of related interest, which are discounted 25 percent this month.

The African American-Experience (a Macmillan Information Now Encyclopedia), edited by Jack Salzman, Macmillan (1998). This is an A to Z encyclopedia of biographies, historical articles, and thematic essays summarizing African-American history from 1619 to the present. The articles chosen present a sweeping overview of African-American history without sacrificing the fascinating details that helped create the fabric of our nation's history.

Go Gator and Muddy the Water, Zora Neale Hurston, Norton (1999). All of Hurston's novels draw on her deep interest in folklore, particularly of her home state, Florida. We see the roots of that work in this collection that Hurston did for the Florida Federal Writers' Project. It also contains a biographical essay and a rare interview with Hurston singing gambling and work songs, and telling how she learned them.

101 African American Read-Aloud Stories, Edited by Susan Kantor, Black Dog & Levanthal Publishers (1998). Full of African legend and lore, this book brings together a group of the best African-American stories to read aloud to your child. The stories are short (each can be read in 10 minutes) and will captivate and educate children of all ages and backgrounds.

A Defiant Life: Thurgood Marshall and the Persistence of Racism in America, Howard Ball, Crown (1999). Using race as a defining theme, the author spotlights Marshall's genius in working within the legal system to further his life-long commitment to racial equality. Born at the turn of the century to a middle-class black family in "Jim Crow" Baltimore, Marshall's race informed his world view from an early age. A tribute to a champion of civil rights in and out of the courtroom, this incisive biography presents an authoritative portrait of Marshall the jurist and his historic impact on civil rights in America.

Standing at the Scratch Line, Guy Johnson, Random House (1998). This debut novel by Guy Johnson is a breathtaking journey through 30 years of the African-American experience in America.

▼ Valentine's Day Special promotion: Buy three Valentine cards and get a free 5-minute calling card (while supplies last), Feb. 8-13.

Nancy Hall, assistant professor of communication sciences and disorders, presented a talk, "The Therapy Techniques of Charles Van Riper," to the Maine Special Interest Division on Fluency and Fluency Disorders Dec 2.

Worldviews: Maya Ceramics from the Palmer Collection, an exhibit of artifacts organized by the Hudson

Museum, is at The Art Gallery, University of New Hampshire, Durham, Jan. 26 through April 11. Hudson Museum Director **Stephen Whittington**, curator of the exhibit, presented an opening lecture for the public, "Behind Worldviews: Maya Art in the Palmer Collection," at UNH Jan. 25.

Russell Quaglia, director of the National Center for Student Aspirations, addressed a National College Board Equity 2000 workshop series for K-12 leadership, Jan. 14 in Washington, D.C. Quaglia also was a keynote speaker Jan. 18 at the annual Martin Luther King Jr. Scholarship Breakfast in Providence.

Larry Latour, associate professor of computer science, presented a paper, "Reuse Education is NOT about Reuse," and moderated a paper/discussion session, "Compositional Software Development: Why does Composition Fail?" at the Ninth Annual WISR Workshop on Institutionalizing Software Reuse, University of Texas at Austin, Jan. 7-9. He also co-authored the "Ninth Annual Workshop on Institutionalizing Software Reuse (WISR '99) Workshop Summary" to appear in an upcoming edition of the *ACM SIGSEN Software Engineering Notes*.

Max Egenhofer, director of the National Center for Geographic Information and Analysis, College of Engineering's Libra Professor, associate professor in spatial information science and engineering, and cooperating associate professor in computer science, attended the Workshop on Geographic Information Science and Geospatial Activities at NSF, held at the National Science Foundation, Arlington, Vir., Jan. 14-15. He served on the steering committee and was a discussion leader of one of the breakout group on Future Funding Mechanisms.

At the Charleston, S.C., meetings of the American Council for Quebec Studies Nov. 20, Professor Emeritus of History **C. Stewart Doty** presented a paper, "The Future of the Quebec Diaspora's Past." At the same session, former UMaine graduate student **Mark Richard** presented a paper, "From Canadian to American: The Acculturation of French-Canadian Descendants in Lewiston, Maine."

Paula Moore, assistant professor of literacy and director of the Center for Early Literacy, presented a session, "Beyond the Early Strategies: Fostering Children's Processing at Text Levels 6-10," at the annual Michigan Reading Recovery Institute conference, Jan. 21-22, Dearborn.

The Hudson Museum has loaned 44 ancient Peruvian objects to the Bowdoin College Museum of Art for an exhibit. *Ceramics and Textiles from Ancient Peru*, Jan 19-April 11, features ceramics and textiles from the Hudson's Palmer, Legge and other collections, as well as objects from Bates College Museum of Art and Bowdoin Museum of Art. Under the supervision of Director **Stephen Whittington**, students in Museum Anthropology (ANT 413) documented the objects, and packed and delivered them to Brunswick in the fall semester.

Batuski, Miller in New York Times

Research by David Batuski, professor of physics, and Chris Miller, graduate student, was featured in the Jan. 26 *Science Times* of the *New York Times* in a story about galactic superclusters and the structure of the universe. Batuski and his team have identified extremely dense clusters of galaxies in the southern constellation Aquarius. They presented their work at the American Astronomical Society annual meeting in Austin Jan. 7.

Quaglia on the Air in New Hampshire

Russell Quaglia, director of the National Center for Student Aspirations at UMaine, was the guest Jan. 22 on WSMN/AM, "the talk of New Hampshire," for a discussion about aspirations and motivating students.

Fried Interviewed by Times-Picayune

Amy Fried, assistant professor of political science, was interviewed by a reporter from the New Orleans *Times-Picayune* for a story on why President Clinton remains popular despite the negative publicity from the impeachment trial.

Research by Sandweiss, Maasch Attracts Global Attention

An article in the Jan. 22 issue of *Science* by Daniel Sandweiss, Department of Anthropology, and Kirk Maasch, Department of Geological Sciences, both with the Institute for Quaternary Studies, and David Anderson of the National Park Service, has generated interest from media including National Public Radio, Fox News Online and the BBC World Service. The article summarizes possible links between climate and cultural evolution. A news article on El Niño on the CNN Interactive Website features comments taken from the article in *Science*. The new story describes a report, also published in *Science*, that on the basis of an analysis of Andean lake sediments, El Niño events can be traced back about 15,000 years. Sandweiss and Maasch have used archeological evidence to trace El Niños back about 5,000 years.

Strong in Dallas Morning News

Robert Strong, professor of finance at the Maine Business School, was interviewed by a reporter from the *Dallas Morning News* for a story about the significance of the Dow as a market indicator. The connection was made through Profnet, an on-line service used by reporters to locate sources through college and university public information offices.

Caron a Resource for Television Documentary

Sandy Caron, associate professor of human sexuality, interviewed recently with NBC News as a resource for a future documentary, in partnership with Warner Brothers Television, on revolutionary cultural changes that have occurred in, and because of, sex in the last century.

Barkan Interviewed by Press-Enterprise

Professor of Sociology Steven Barkan was interviewed Jan. 20 by a reporter with the *Press-Enterprise* newspaper in Riverside, Calif., for a story about the issues related to police brutality and the use of force.

Whittington Interviewed by New Republic

Steve Whittington, director of UMaine's Hudson Museum, was interviewed earlier this month by a reporter from *New Republic*. The subject was *I, Rigoberta Menchu*, a former UMaine class book. A new book says that *I, Rigoberta Menchu* contains inaccuracies. *New Republic* editor Charles Lane is writing an article on the controversy.

Black Bear Hockey in New York Times

The Jan. 8 *New York Times* sports section includes a brief story about the impact of UMaine senior Steve Kariya on the Black Bear hockey team.

AP Story Cites World Record Set at UMaine

A recent Associated Press story referred to the world record for the most people kissing in one place at one time. The record that currently appears in the *Guinness Book*, 1,420 couples, was set at UMaine Feb. 14, 1997. The AP story reports that a New Year's Eve attempt on the record, in Columbus, Ohio, fell far short. What the story does not say is that the UMaine record was eclipsed last summer in Spain, when 1,600 couples kissed. UMaine's "A Kiss to Remember II: Reclaim the Record" is set for Valentine's Day in Alford.

UMaine Retirement Community Proposal in USA Today

The Maine news note in *USA Today's* "Across the USA" page Jan. 19 summarized a *Bangor Daily News* story about the possibility that UMaine will work with private partners to develop a retirement community on campus.

PECHINSKI PRESIDENT OF BANGOR CHAMBER OF COMMERCE

Sheila Pechinski, associate dean of the College of Business, Public Policy and Health, has been named president of the Bangor Region Chamber of Commerce.

Pechinski, a member of the Chamber's Board of Directors since 1993, owns and operates a business consulting firm in Bangor. Pechinski first became involved with the Chamber 20 years ago when she was appointed University liaison to the Board. Since that time, Pechinski has served on and chaired numerous committees, including the budget and strategic planning committees.

Pechinski has taught at UMaine since 1979, after earning her MBA in the College of Business Administration. She is now responsible for the external relations and outreach of the College of Business, Public Policy and Health.

The Bangor Chamber of Commerce represents 21 towns and 950 members.

Campus Roads *continued from page 1*

traffic and construction are the wetlands areas," Wihry says. "The campus has been built around the wetlands, and there are only a limited number of acres we can use. The largest areas of open, non-wetlands spaces are playing fields.

"That brings us to the big issue: How do we use the land that is buildable?"

In the University's 1993 master plan for campus development, and in institutional planning since, the University has operated under a set of organizational principles:

- ▼ The Mall is the monumental space at the heart of campus.
- ▼ Campus "zones" organize the campus by function.
- ▼ Landscaping and green spaces create a park-like setting for the campus.
- ▼ Recreational spaces create outdoor living areas on the Mall, in the residential areas of the campus and along the Stillwater River.
- ▼ Perimeter roads are the primary road system for vehicular traffic and parking is largely limited to parking lots at the edge of campus.
- ▼ The Mall and surrounding spaces are primarily for pedestrian use.
- ▼ Specific roads from the perimeter road system lead to destinations within the campus.
- ▼ Special parking needs are met through small lots within the perimeter road system.

As the UMaine campus experienced ever-increasing amounts of traffic in recent decades, institutional planning and public safety priorities focused on the need to make the University a predominately pedestrian campus. This and other self-imposed constraints are important in determining the future of campus parking and traffic and ultimately, campus climate.

A second major issue is projected campus growth, says Wihry. With an institutional goal of achieving an annual enrollment of 12,000 in the future, there must be adequate parking. At least half of all UMaine students are expected to request on-campus housing, requiring construction of up to five residence halls.

"Increased student growth and residential living, research growth and more facilities in the next decade all mean more people – and parking," says Wihry.

Major changes in campus roads and parking areas will begin in the next two years to meet DOT requirements. Eighteen months ago, the University submitted a site location of development permit application to the Maine Department of Environmental Protection that involved an assessment of the University's development in 29 classifications of impact, including transportation. As a result of the application, DOT personnel visited campus to look at its roads and parking areas.

Last January, UMaine received a summary of permit conditions to mitigate by November 2000. Those changes are integral to the future of parking and traffic flow on campus.

DOT and Facilities Management have targeted three major areas on campus requiring extensive study. Master plans, including implementation schedules, must be developed to address:

Alfond Sports Arena area:

- ▼ The steep grade on Squa Pan Road at the intersection of College Avenue
- ▼ Parking lots on the north side of Alfond, and the Field House parking lots adjacent to Squa Pan Road, where vehicles leaving parking spaces must back into major traffic
- ▼ Lack of a 150-foot right-hand turn lane on College Avenue for Northbound traffic turning onto Squa Pan Road
- ▼ Inadequate sight distances at the intersections of College

Avenue and Squa Pan Road, and Munson and Squa Pan Roads

- ▼ The need to improve pedestrian travel ways on Squa Pan Road during events at Alfond

- ▼ Safety in parking lots serving Alfond, the Field House

Wingate and Hancock Halls area:

- ▼ The centerline radius of Munson Road between Wingate and Hancock Halls, which could require straightening the road to remove the tight curve in front of Hancock

Rangeley and Belgrade Spur Roads intersection:

- ▼ The need to improve the "Y" on the major campus entrance road; student engineers have suggested a roundabout to improve safety and traffic flow

Across campus, other areas that now have parking arrangements non-compliant with DOT requirements include Maine Center for the Arts and Murray Hall parking lots, where raised-end islands must be installed on the ends of parking aisles; and Stevens and Shibles Halls lots, where three end islands are required.

In addition, a number of roads on campus do not meet DOT standards for large trucks. The choice is to widen and straighten those roads to highway specifications, or limit truck traffic, says Wihry. Those roads include: the intersections of College Avenue with Squa Pan, Sebec, Munson and Branch roads; Belgrade Spur and Belgrade Road.

"The area around Alfond is the most complex," says Wihry. "DOT says the entrance south of Alfond is too steep, is not wide enough and has no turning lane. It requires that the entrance be modified. The concern is that we can't go north of Alfond with an entrance, bringing traffic through a pedestrian corridor behind the stadium. What we will do with the Alfond entrance is a big question, and we have no specific solutions yet."

In addition to the entrance, DOT requires UMaine to reconfigure or remove parking spots in the Field House lot where cars back out into traffic. The same concern exists in other areas on campus, including the short-term parking area by Fogler Library, and lots near the Maples and Winslow.

To reconfigure and ultimately save some problematic parking areas, the DOT recommends raised-end islands and curbs. Such features provide a place for pedestrians to stand and organize traffic. They also pose complexities for road maintenance and snow removal.

"Over the long term, with mitigation of these areas extending into 2007, we will have to take corrective actions in areas like these where pressures are building," says Wihry. ▲

UMAINE - UNIVERSITY OF NEW BRUNSWICK EXCHANGE PROGRAM

Proposals are now requested for the exchange program established between the University of Maine and the University of New Brunswick. Each university contributes \$5,000 annually to support this program with the expectation that closer institutional ties will develop among those who share common interests in this international region.

Funds are available to support exchanges between faculty members, professional employees and student groups for collaborative research, seminars, symposia and cooperative instruction.

Faculty and Professional Employees – Proposals for funding are invited. Those wishing support for activities during the fall/spring/summer semesters (1998/1999) should submit a brief proposal describing the nature of the exchange activity, personnel involved, duration, budget and anticipated benefits. Call to request an application.

For further information and submission of proposals, contact Raymond Pelletier, Canadian-American Center, 581-4220.

Positions Available

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

Academic Services Coordinator/Counselor, Upward Bound. Twelve-month, fiscal-year appointment subject to continued funding. Qualifications: Required: Master's degree in education, counseling, or a related field. Demonstrated success in teaching, counseling and advising adolescents; experience in the secondary school setting; and familiarity with the college admissions process, including funding, scholarships and testing. Strong management skills and excellent interpersonal communication skills; ability to work with diverse population and administrators at various levels; ability to develop excellent relationships with project students and their families, project staff, the target schools served by Upward Bound, and the University community. Frequent travel in 4 central Maine counties, normally needing a valid driver's license. Preferred: Experience with the population served by Upward Bound. Salary Range: \$30,000-\$33,000. Review of Applications: Will begin 3/1/99 and continue until a suitable candidate is found. Contact: Send cover letter, resume, names and phone numbers of three references to: Linda Ives, Director, Upward Bound, University of Maine, Room 226, 5713 Chadbourne Hall, Orono, ME 04469-5713. For more information or a detailed job description, call (207) 581-2522.

Information Systems Specialist, University Forests. Full-time, fiscal-year, professional position in the Maine Agricultural and Forest Experiment Station. Qualifications: Required: Associate degree in forestry, natural resources or a related field, with a bachelor's preferred. Effective written and verbal communication skills; computer skills and experience with Global Positioning Systems, Geographic Information Systems and Forest Inventory; satisfactory completion of a pre-employment physical. Frequent travel within a 50-mile radius of campus, normally requiring a valid driver's license, is required. Desired: Maine Professional Forester's License. Salary Range: \$22,500-\$25,000. Review of Applications: Will begin 3/1/99 and continue until a suitable candidate is chosen. Contact: Send letter of introduction, resume and list of three professional references to: Charles Simpson, University of Maine, Room 201, 5755 Nutting Hall, Orono, ME 04469-5755. For more information, call (207) 827-7804, Monday-Friday, 8 a.m.-4:30 p.m.

Director, Center for Teaching Excellence. Fiscal-year (12-month) appointment reporting to the vice provost for undergraduate education. Qualifications: Required: Master's degree; substantial college teaching experience; significant experience in a teaching excellence program or initiative; knowledge of the research related to teaching and learning; demonstrated excellent communication and organizational skills; demonstrated leadership skills; demonstrated ability to work with diverse groups across campus. Preferred: Earned doctorate; significant administrative experience in higher education; success in obtaining grants; demonstrated familiarity with instructional technology. Salary Range: \$35,000-\$50,000, depending upon experience and qualifications. Review of Applications: Will begin 2/15/99 and continue until the position is filled. Start Date: Appointment available 7/1/99. Contact: Send letter of interest, resume, statement of philosophy, and at least three recent letters of reference with telephone numbers to: Chair, Director of Teaching Excellence

PRESIDENTIAL OUTSTANDING TEACHING AWARD

In recognition of the importance of outstanding teaching to the University of Maine, nominations are now being accepted for the 1999 Presidential Outstanding Teaching Award.

The Presidential Outstanding Teaching Award is presented annually to a tenured University of Maine faculty member who has demonstrated outstanding commitment to and ability in the teaching area, while maintaining a commitment to scholarship and public service. The recipient will receive a medallion and \$1,500.

Deadline for receipt of nominations is March 1. Late nominations will not be accepted.

Nomination forms can be obtained from Carole Gardner, Office of Academic Affairs, 201 Alumni Hall, e-mail: caroleg@maine.maine.edu or FirstClass: Carole Gardner or phone x1617.

Search Committee, University of Maine, 5703 Alumni Hall, Orono, ME 04469-5703. Please direct inquiries to: gelinas@maine.edu

Director of Marketing. Reports to the Vice President for University Advancement and works closely with the Director of Development and the Director of Public Affairs. Qualifications: Appropriate advanced degree and extensive successful experience in marketing and market research and analysis, preferably at an institution of higher education. Excellent writing skills; good aesthetic judgment, and demonstrated understanding of the principles and processes of graphic design, broadcast production, mass media and multi-media advertising, direct mail marketing, and print production. Must have demonstrated effective supervisory, administrative, and creative experience and must be able to work effectively with creative people. Salary: Negotiable and dependent upon experience and qualifications. Review of Applications: Will begin 2/22/99 and continue until the position is filled. Contact: Send letter of application, curriculum vitae, and the names, addresses, e-mail addresses, and telephone numbers of five references to: Search Chair, Director of Marketing, University of Maine, 5703 Alumni Hall, Orono, ME 04469-5703.

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

STUDENT ACADEMIC CONFERENCE TRAVEL FUND

The Student Academic Conference Travel Fund for undergraduate students will hold its second competition of the academic year. This fund serves undergraduate students who need financial assistance for travel to meetings/conferences of an academic nature. Applications must be submitted to the Office of Academic Affairs by Feb. 5. Money will be awarded for travel taking place between Feb. 6 and May 3. Applications can be obtained from Joan Day, Office of Academic Affairs, 201 Alumni Hall, x1547.

FACULTY RESEARCH FUNDS COMMITTEE SEEKS NOMINATIONS

REMINDER - 1999 PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD nominations are due March 17 in the Office of Research and Sponsored Programs, 424 Corbett Hall. The award, in the amount of \$1,500, is made to a faculty member who has attained distinction in research or creative achievement. Each year, the Faculty Research Funds Committee makes nominations for the President's consideration, and the award is made at the Honors Convocation. Nomination forms are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, and in the offices of deans.

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETINGS

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 the IACUC has approved a protocol for such use. Listed below are the meeting dates for the spring semester. Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting.

Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498. The information also is available at the ORSP Website, www.ume.maine.edu/~spd/index.html

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 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. Meeting dates: Feb. 22, March 22, April 19.

Social Work *continued from page 2*

The recent cuts in Housing and Urban Development (HUD) funding to the state may have a slight effect on the research process, says Werrbach. Now, study participants will have fewer housing options, because 40 units of supported housing are no longer funded by HUD.

"(The cuts) have come at a very unfortunate time in the project," she says. "They are not going to imperil the process, but we are going to have to adapt to the changes the cuts make."

The school is now recruiting approximately 150 people from

BMHI, AMHI, other hospital psychiatric units and group homes. Participants will be those ready to move from an institutional setting to an alternative community housing model.

"The current model, continuum of care, takes people with the most serious mental illness and moves them out of state hospitals and into group homes, which are located in the community but still offer a more structured and institutional approach," says Werrbach. "Some people remain in group homes and others are moved into their own apartments in buildings that predominantly house people with long-term mental illness and which are supervised by social service agencies and apartment managers."

The supported housing model is based on the belief that people with serious long-term mental illness can make informed choices about where to live and what kinds of services would be helpful to them, Werrbach says. The new model will allow those with mental illness to better integrate into the community.

Researchers also are interested in how such integration happens in a rural state like Maine.

"Theoretically, there should be a cost advantage as well as a social advantage with supported housing because the individuals won't need on-site care and will not be interacting primarily with others who have serious mental illness," says Turner. "This has risks, because the support won't be immediately down the hall. They will have to contact people when they feel under particular stress. That's the balance we have to look at – cost and impact on the individuals." ▲

Judicial Affairs *continued from page 2*

"As a result of the review process, there will be more emphasis on student development," says Rideout. "We see changes that we can make to improve the judicial affairs process, including the idea of having time to do more education and make people more sensitive to how they relate to the entire community. The key is making the process understandable."

The review process was initiated by Rideout after talking with resident directors and assistants, and reviewing student questionnaires. Some students were confused and frustrated with the judicial affairs process, including the length of time involved in resolving alleged violations and the sanctions imposed when violations were found.

Changes already being undertaken by Judicial Affairs include initiating a student internship to assist with community education, and greater utilization of a peer mediation process whenever possible to facilitate more person-to-person problem solving. In addition, educational and developmental responses are being expanded as alternatives to purely punitive sanctions.

The current director of judicial affairs, Bill Kennedy, will retire in May after 15 years of dedicated service. As a result of this recent review, Kennedy's position will be retitled assistant dean for citizenship and community standards as a 12-month rather than the current nine-month appointment. This will facilitate a stepped-up preventive approach to the issues of campus conduct. That proactive approach will include community forums, ongoing training of University personnel, peer education models, annual public information and education about such issues as due process, confidentiality, right to know and privacy; education for perpetrators and victims; and regular reporting of case dispositions in an effort to keep the community fully informed.

"We have a good group of students at the University of Maine," says Rideout. "We know we all are fallible. Our goal is to work hard to help keep students in school. We have many good resources in the University community to do that." ▲

1999 BIRD AND BIRD

INSTRUCTIONAL AND FACULTY DEVELOPMENT GRANTS

The Adelaide C. and Alan L. Bird Fund for the Improvement of Teaching Quality was established in 1971 to finance innovative projects in undergraduate teaching. The fund is administered by the Vice President for Academic Affairs and Provost, with the Faculty and Instructional Development Committee operating in an advisory capacity. Proposals are solicited for projects that produce direct and significant improvement in undergraduate teaching and learning. The 1999 grants will be awarded to individual and collaborating faculty members. Group proposals may come from departments, colleges, or other academic programs or units.

Emphasis – Bird and Bird funds are limited to the direct support and improvement of undergraduate teaching. Individual faculty are encouraged to collaborate with peers, as well as with faculty members of other colleges and academic units. Proposals should contain instructional goals that are consistent with the teaching priorities of the colleges and units involved in the proposal. Innovative ideas are encouraged, provided that the proposed improvements support fundamental change. Where appropriate, the Committee solicits specific comments demonstrating how the proposed activity will reflect and respond to the racial, cultural, language, and gender differences which exist in the undergraduate population at the University of Maine, and support a learning environment where these differences among students can become a resource for all. Faculty summer salary, and in most cases travel expenses, will NOT be considered for funding approval.

Amount – A pool of \$25,000 is available for grants. Faculty members may request up to \$5,000 of funding for each proposal. All faculty at the University are eligible to apply.

Procedure – An application form and project description should be submitted to the Bird and Bird Fund, Academic Affairs, c/o Carole Gardner, 201 Alumni Hall.

The project description should include:

- ▼ description of the project
- ▼ rationale for the project
- ▼ discussion of expected results, including the number of students and the ways in which students will be directly affected
- ▼ procedures for evaluating the project
- ▼ all information requested on the budget form
- ▼ a summary of any past Bird and Bird grants and the success of previously funded projects
- ▼ impact on college or unit priorities (append a letter of endorsement from appropriate unit)
- ▼ potential impact on diversity and multi-cultural issues
- ▼ a two-page curriculum vita of each applicant signing off on this proposal (listing courses taught, research activity, etc.)

Upon completion of the project, a written report on the results must be submitted to Academic Affairs. Reports should include an evaluation of results in terms of programmatic priorities, affected courses, number of students reached, and innovations in pedagogy. Reports should provide the kind of information that can be helpful to other members of the University community. Where appropriate, faculty will also be asked to participate in forums through which they can share results with other members of the Campus Community.

Deadline – Applications must be received at 201 Alumni Hall by March 31. Submit 13 copies of the proposal. TO RECEIVE AN APPLICATION, CONTACT Carole Gardner, x1617, mail to: caroleg@maine.maine.edu or FirstClass: Carole Gardner.

National Science Foundation announces Biocomplexity: Phase I, a special competition for integrated research on the functional interrelationships between microorganisms and the biological, chemical, geological, physical, and/or social systems that comprise complex environmental systems. Awards are expected to involve collaborations among scientists from several

disciplines and at least two institutions, be up to five years in duration, and have annual budgets of \$500K to \$1M. FastLane preproposals are due March 15.

University of Maine/University of New Hampshire Sea Grant College Program invites preliminary project proposals for consideration for inclusion in the Sea Grant proposal for calendar year 2000. Proposed efforts should contribute to the improved understanding, utilization, and/or management of coastal and marine resources. Deadline: March 19.

U.S. Department of Agriculture's Biotechnology Risk Assessment Grants support research relevant to assessing the risk of the introduction into the environment of genetically engineered organisms. Investigations of effects on both managed and natural environments are welcome. Deadline: March 24.

National Center on Adult Learning grants up to \$5,000 to improve the theory, research, and practice of adult learning. Proposals are invited

for 1999 funding for research on Adult Learning and Higher Education: Keys to Student Success. Deadline: April 5.

International Council of Shopping Centers Educational Foundation requests proposals for applied research. 1999 priorities relate to the effectiveness of entertainment, legislative and regulatory strategies for growth management, and the impact of Internet retailing. Maximum award: \$10,000. Deadline: April 16.

U.S. Army Engineer Research and Development Center has issued a Broad Agency Announcement describing its interests in extramural research, including those of the Waterways Experiment Station, the Cold Regions Research and Engineering Laboratory, the Construction Engineering Research Laboratories, and the Topographic Engineering Center.

For more information, call Research & Sponsored Programs, x1476, or visit our website at www.ume.maine.edu/~spd/index.html

Campuswide Calendar

Maine Perspective keeps an electronic calendar listing on-campus events for the academic year that have been submitted for inclusion. UMaine's Master Calendar is on FirstClass (Campus Activities folder) and on the Web (off the UMaine homepage: www.ume.maine.edu or the calendar website: www.ume.maine.edu/~paffairs/perspectiveweb/mastercalendar.html).

WOMEN IN THE CURRICULUM SUMMER GRANTS

The Women in the Curriculum Program is committed to supporting scholarship on women and to assisting in the development of a university curriculum that is inclusive of the history, contributions, values, aspirations and perspectives of women as well as men. Toward these goals the WIC Program offers grants to University of Maine faculty in all departments for (1) curriculum development and revision, (2) research projects, (3) projects aimed at improving the academic climate for women students, and (4) focused programs of reading.

Eligibility

- ▼ Individual faculty members whose affiliation with the University is expected to continue next year
- ▼ Departmental and interdepartmental faculty teams are eligible and encouraged. As long as at least one faculty member is centrally involved, teams may include professional and classified staff, students, and others from the community, if appropriate
- ▼ College committees on teaching
- ▼ Faculty who have recently begun exploring scholarship on women, and those with experience in Women's Studies scholarship and teaching
- ▼ Past WIC grant recipients, except those receiving grants last year

Timing

Preliminary proposals are due March 5, and final proposals are due April 5. Notification of awards should be made around April 26. Awardees ordinarily participate in one or two group sessions in May after graduation. It is expected that the rest of the funded work will be completed during the summer. Certain parts of projects which involve workshops or colloquia with outside speakers or consultants may occur during the academic year, although most planning and development should take place in summer.

Funding Levels

Individual or small team projects may be funded up to \$2,500, reading grants up to \$750. Projects involving a significant part of a department may be funded for up to \$5,000. Requests can be made for stipends as well as expenses of carrying out the project. Amounts will depend on the complexity of the projects and the funds available. For a detailed request for proposals, contact the WIC Office, x1228. WIC Director Ann Schonberger will also be glad to discuss your project with you or provide more information.

SNOW LINE AVAILABLE

Information about the University's class schedule during inclement weather can be obtained by calling 581-SNOW. A toll-free line is available by adding the 1-800 prefix. The recorded message will provide general information about postponements or cancellations due to a storm.

What's Ahead

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THE CONSTITUTIONAL IMPLICATIONS OF THE PRESIDENTIAL CRISIS

February 10

BLACK HISTORY BANQUET AND SOCIAL

February 12

UNIVERSITY OF MAINE OPEN HOUSE

February 15

SPRING BREAK BEGINS

February 27

MAINE Perspective

University of Maine
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