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Maine Perspective

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Photo by Tim Boyd

UMaine Community Policing Survey Project Receives National Recognition

The Department of Public Administration's ongoing assessment of the community policing needs of Maine communities is one of 10 programs nationwide being held up as models by the federal Bureau of Justice Assistance.

A forthcoming publication will list the project along with the others selected from among 100 programs nominated as examples of successful collaborations with law enforcement.

The UMaine project — which is in its second year and which by June will have surveyed 10 percent of the population of Maine — was nominated by the Maine Criminal Justice Academy, which selects the communities to be surveyed.

Jean Lavigne, assistant professor of public administration and the project director, was invited to the annual meeting of the Justice Research and Statistics Association last month in Memphis, where the chosen programs were honored. Among the others are a domestic violence program in Massachusetts and a North Carolina sheriff's department with a program for teens.

"We were the only university program," says Lavigne.

The seed for the project was planted shortly after Lavigne arrived at UMaine in September 1992. The office of Research and Public Service transferred a call from the Camden police chief, Terry Burgess, who wanted to survey his town's residents.

The idea "snowballed," says Lavigne. By the end of this semester, public administration students, most of them graduate students, will have surveyed 14 communities and the communities served by the Piscataquis County Sheriff's Department. Co-principal investigators on the

project are Tony Cahill, associate professor, and Carolyn Ball, assistant professor of public administration.

With community policing a hot-button issue nationwide, the assessments are a valuable

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L'Université d'Angers Delegation to Visit

Four representatives from l'Université d'Angers in France will arrive Tuesday, April 25, at the University of Maine for a four-day stay, furthering a partnership between two regions joined by a common heritage.

The focal point of the visit will be the signing on Thursday, April 20, of an agreement formalizing the two institutions' desire to cooperate on developing academic and cultural exchanges involving faculty, professional and support staff, students and community members, conducting joint research, cultural and community programs.

Signing the document will be UMaine President Fred Hutchinson and Jacques Louail, first vice

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In Perspective

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- 10** We Remember

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

Civil Engineering Seniors Draw Up Fitness Center Designs

A recent survey of University of Maine students has revealed what collegiate fitness experts and educational institutions nationwide have increasingly realized in the last few years: state-of-the-art fitness facilities are not only expected but seen as essential elements of campus community life. Many college students today expect the same amenities on their university campuses as they had at their high schools and in their communities where fitness centers have proliferated in the promotion of overall health and wellness.

Yet when it comes to addressing the capital, non-academic student needs on the UMaine campus, a Memorial Union addition has been a long-standing institutional priority awaiting funding sources. Identifying a fitness center as another priority for students may seem like an exercise in wishful thinking, but nevertheless has to be taken into account in planning for the campus community of tomorrow.

"The Union and a fitness center are high priorities for students," according to Anita Wihry, director of UMaine Institutional Planning. "One of the issues that has to be addressed that transcends any committee is how to meet the needs in both areas – what are our options. Both projects are relevant to the University's ability to attract and retain students to this institution. If we wish to be competitive relative to our counterpart institutions throughout New England, facilities that support students in their out-of-class activities are critical."

According to Dave Ames, associate director of athletics and recreational sports, the idea for a new fitness center was student-initiated, and supported by a random survey of 750 UMaine students. The student interest in expanded fitness facilities on campus to complement the Latti Fitness Center in Memorial Gym has come to the attention of the University Facilities and Campus Planning Committee. It was as a member of the Committee that Chet Rock, chair of the Department of Civil and Environmental Engineering, first heard of the proposal and decided it was an abstract concept that could be one step closer to reality with the help of civil engineering seniors enrolled in a capstone course in project design.

It was "an intersection of interests."

Academic Honors Convocation Slated for April 25

A valedictory address will highlight this year's Academic Honors Convocation, which begins at 3:30 p.m., Tuesday, April 25, in Wells Conference Center.

UMaine Class of '95 valedictorian, Patricia Nelson of the School of Nursing, will be among the many students recognized for their academic achievements. This year, in addition to inductees to honor societies, Honors Program students and scholar athletes will be recognized in the Convocation ceremony.

Deans will introduce the top graduating student in each of the colleges, and the National Outstanding Nontraditional Student, Russell Witmer, will be honored.

The University's most prestigious faculty awards will be presented: the Maine Professor Award of the General Alumni Association, the Presidential Research and Creative Achievement Award, the Presidential Public Service Achievement Award and the Presidential Outstanding Teaching Award.

Co-chairs of this year's Academic Honors Convocation Committee are Tina Passman and Jack Collins. ▲



Among the civil engineering seniors involved in designing a university fitness center are, standing left to right, Steve Conklin, Lars Paulsen, Kevin Kluzak, Andy Thomas and Bethany Leavitt; sitting left to right, Jen Dostie, Leslie Corraw, Bob Strong, Dan Brassard and Corey Dionne. Photo by Tim Boyd

"Despite the fact that this building is still in the early planning stage, the students realized how important it is and were very serious in undertaking their designs," according to Rock who teaches CIE 411. "They did an exceptional amount of investigative work on their own, and we had weekly team meetings for status reports. It was amazing the number of people they were contacting to get information as they worked through their designs, but officials like those in the Town of Orono were great in supporting the students' projects. It's that cooperation from professionals and engineers in the field that really made the project go for these students."

The course, now in its second year, calls on students to take the "hard technical design" learned in their other civil engineering classes, and "put it together with writing, public speaking and creativity to address an open-ended problem where there is no solution and no end to alternatives," Rock said. The 36 seniors were divided into six design teams, and in a prime example of corporate partnership, each team was assigned to work with a practicing consulting civil engineer in the community.

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There are three issues of *Maine Perspective* remaining this semester. If you have news or information to be included, please send it to *Maine Perspective*, e-mail nagle@maine, fax x3776, or call x3745.

Maine Perspective

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University of
Maine

U Maine Calendar

APRIL 17 - 27

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 AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

CORRECTION

The Ecumenical Sunrise Service offered by Orono clergy and Orono Campus Ministries is 6:30 a.m., APRIL 16, Orono Country Club.

17 Monday

The Credit Union will be closed for business Monday, April 17, to observe Patriots' Day. The drive-up will reopen for business Tuesday, April 18, 7 a.m.; lobby at 9 a.m.

University of Maine Showcase '95 for prospective students, April 17. x1572.

Wildlife Ecology Seminar by Edward Minot, Massey University, New Zealand, part of the Wildlife Ecology Seminar Series, noon, April 17, 204 Nutting Hall. x2862.

The Cowardly Lion, a video featuring theologian Frederick Buechner followed by discussion, part of the Ecumenical Brown Bag's "Sacred Stories" series, 12:15 p.m., April 17, Memorial Room, Union. 866-4227.

"Images of Mega-Change in Math, Science and Technology Education," by Seymour Papert, MIT Media Lab, offered by the Department of Computer Science, 4:10 p.m., April 17, 100 Corbett Business Building. x3940.

"Our Spiritual Vocation at the University"

Reflections and conversations with Malcolm Warford, president, Bangor Theological Seminary, 6 p.m., April 17, beginning with homemade soup and bread followed by discussion, Wilson Center. 866-4227.

Pump Up the Volume, part of the Roll It Again Cinema video series, 6:30 p.m., April 17, Sutton Lounge, Union. x1734.

18 Tuesday

"A Kinship with Nature," a filmed interview with author James Swan, followed by discussion, part of the Thinking Allowed series and the Earth Week '95 Celebration: "Many Communities, One Earth," 12:30-1:30 p.m., April 18, FFA Room, Union. x2394.

Pump Up the Volume, part of the Roll It Again Cinema video series, 3:15 p.m. and 6:30 p.m., April 18, Sutton Lounge, Union. x1734.

Annual Army ROTC Awards Ceremony, featuring more than 20 different military organizations presenting Army ROTC cadets with awards, scholarships and recommendations, and featuring a speech by Maj. Gen. Peter Clegg of the 94th ARCOM, 6:30-7:30 p.m., April 18, Gym.

Chamber Music Recital, part of the Music Department performance season, 7 p.m., April 18, 120 Lord Hall. x1240.

"Balancing the Need for Nature and Human Community in Our Lives," by environmental psychologist James Swan, part of Earth Week '95 Celebration: "Many Communities, One Earth," 7 p.m., April 18, 100 Corbett Business Building. x3777.

19 Wednesday

"Hunting: Connection to or War Against Nature?" by James Swan, author of *In Defense of Hunting*, and *Nature as Teacher and Healer*, part of Earth Week '95 Celebration: "Many Communities, One Earth," noon, April 19, 204 Nutting Hall. x3777.

The Human Story, part of the video series: *Canticle to the Cosmos* with Brian Swimm, offered by the Peace Studies Program and other sponsors, part of Earth Week '95 Celebration: "Many Communities, One Earth," noon, April 19, Totman Lounge, Union. x1036.

Poetry Free Zone presents "Earthy Delights," led by Judy Markowsky, part of Earth Week '95 Celebration: "Many Communities, One Earth," noon, April 19, Honors Center. x3264.

"CLASSified Women at the University of Maine: Evolution and Revolution," by Marian Dressler, Kate Kevit, Deb Perro, Nancy Smith and Sharon Barker, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., April 19, Bangor Lounge, Union. x1228.

Softball: UMaine vs. Hofstra, 1:30 p.m., April 19. xBEAR.

"Effective Teaching: How Is It Done?" a panel discussion by recipients of the Presidential Outstanding Teaching Award: William Glanz, Sandra Gardner, Christina Baker and Kristin Langellier, organized by the Department of Sociology, moderated by James Gallagher, 3:30-5 p.m., April 19, Sutton Lounge, Union. x2380.

"Healing Plants from the Earth: Herbs for Building and Maintaining Health," a workshop led by Dahana Lake, part of Earth Week '95 Celebration: "Many Communities, One Earth," 4-5 p.m., April 19, Bangor Lounge, Union.

"Can Hunters and Non-hunters Work Together for the Environment?" a panel discussion featuring Matthew Scott, deputy commissioner, Maine Inland Fisheries and Wildlife; environmental psychologist and author James Swan; Thomas Urquhart, executive director, Maine Audubon Society; with Malcolm Hunter as moderator, part of Earth Week '95 Celebration: "Many Communities, One Earth," 6:30 p.m., April 19, 102 Murray Hall. x3777.

"The Marine Environment and 'False' Conservation," by author and naturalist Peter Matthiessen, part of Earth Week '95 Celebration: "Many Communities, One Earth," 8:15 p.m., April 19, 101 Neville Hall. x3777.

20 Thursday

"Exploring Chinese Theater," for third- to sixth-graders, part of the Hudson Museum's Just for Kids program, 10 a.m., April 20, Maine Center for the Arts. Admission fee. Preregistration required. x1901.

Association of Graduate Students Board Meeting, noon, April 20, Lown Rooms, Union. x4548.

"Backcountry Medicine Workshop," by Jon Tierney, part of Earth Week '95 Celebration: "Many Communities, One Earth," 12:30-1:30 p.m., April 20, Bangor Lounge. x3777.

"Internet Business Tools"

A free satellite teleconference offered by the Department of Telecommunications/Video Services, 1-3 p.m., April 20, 219 Alumni Hall. To register, call x2577.

"Shamanism - Earth Spirituality," a workshop led by psychotherapist Mark Felix, part of Earth Week '95 Celebration: "Many Communities, One Earth," 2-4 p.m., April 20, Bangor Lounge, Union. x3777.

Sixth Annual College of Sciences Recognition Reception, 4-6 p.m., April 20, 100 Nutting Hall. x3848.

Farewell Reception for Ray McKerrow

Thursday, April 20, 5-6:30 p.m., Peabody Lounge, Union. Join us to celebrate 19 years of service at the University and to wish Ray well as he leaves to join the faculty at Ohio University.

Ongoing Events

Athletic Events/Recreation

Ice Skating, Alford Sports Arena, noon-1 p.m., Monday-Friday; 2-3:30 p.m., Saturday-Sunday. Admission fee/skate rentals available. Stick & Puck, 1:10-2:10 p.m., Monday-Friday. Admission fee. x1082.

Latti Fitness Center, 6:15-10 p.m., Monday and Wednesday; 7 a.m.-10 p.m., Tuesday and Thursday; 6:15 a.m.-8 p.m., Friday; 10 a.m.-7 p.m., Saturday; 10 a.m.-9 p.m., Sunday. Admission fee. x1082.

Swimming, Wallace Pool, 6:45-8 a.m., Monday, Wednesday, Friday; 11:45 a.m.-1 p.m., Monday-Friday; 6-7 p.m., Monday-Friday (children allowed); 9-10 p.m., Sunday-Thursday (students only); 10:30 a.m.-noon, and 2:30-5 p.m., Saturday (children allowed); 2:30-5 p.m., Sunday (children allowed). Admission fee/rec pass. x1082.

Senior Swim, a class for those 55 and older, 10-11 a.m., Monday, Wednesday & Friday. Registration fee. x1082.

Entertainment

"Worlds of Wonder," a Planetarium show, 2 p.m. every Sunday, through April 28, Wingate Hall. Admission fee. x1341.

"More Than Meets the Eye," a Planetarium show, 7 p.m. every Friday, through April 28, Wingate Hall. Admission fee. x1341.

Dancing at Lughnasa, part of the Hauck Mainstage Series, 8 p.m., April 21-22 and April 28-29; 2 p.m., April 23, April 27 and April 30, Hauck Auditorium. Admission fee. x1773.

Exhibits/Demonstrations/Tours

Pine, Plum and Bamboo: Japanese Stencils and Woodblock Prints, a Museum of Art exhibit, April 18-May 26, Hole in the Wall Gallery, Union. x3255.

China: Exploring the Interior, 1903-04, a Hudson Museum exhibit, April 18-June 25, Maine Center for the Arts. x1901.

Bound for Whampoa: Art and Artifacts of the Orient, a Hudson Museum exhibit, April 18-June 25, Maine Center for the Arts. x1901.

Scroll Paintings of Xiong Zhi-Chun, a Hudson Museum exhibit, April 18-June 25, Maine Center for the Arts. x1901.

The Way We (Never) Were: Fashion Cover Art from 1894-1924, a Museum of Art exhibit, through April 19, Graphics Gallery, Union.

Edmund G. Schildknecht Revisited, a Museum of Art exhibit, through April 22, Hauck Auditorium, Union. x3255.

"A" Is for Architecture, a Museum of Art exhibit, April 26-June 11, Graphics Gallery, Union. x3255.

University Student Art Annual Exhibition, a Museum of Art exhibit, through May 3, Carnegie Hall. x3255.

Marriage a la Mode: 18th Century Engravings by William Hogarth, a Museum of Art exhibit, through May 12, Hauck Auditorium Gallery, Union. x3255.

Maine Forest and Logging Museum - Leonard's Mills, a water-powered sawmill community site, open daily 9 a.m.-4 p.m., with guided tours available, Bradley. x2871.

Page Farm and Home Museum open Monday-Friday, 10 a.m.-2 p.m. x4100.

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

Athletic Mementos and Memorabilia Past and Present, an M Club-sponsored exhibit, Memorial Gym Lobby.

Lyle E. Littlefield Trial Ornamental Garden, display of more than 2,000 varieties of landscape plants, Rangeley Road.

Meetings of Groups/Organizations

PEAC meets the first Thursday of the month, noon, FFA Room, Union. x2456.

Interdisciplinary Training for Health Care for Rural Areas Brown Bag Lunch, open staff meetings held every three weeks (April 24, May 15), noon-1 p.m., Hamm Room, Union. x2591.

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

UMaine VOCALS meets every Monday, 7 p.m., Totman Lounge, Union. x6758.

Maine Peace Action Committee meets every Tuesday, 4 p.m., Virtue Room, Maples. x3860.

Overeaters Anonymous meets every Wednesday, noon-1 p.m., Davis Room, Union.

AI-Anon meeting every Thursday, 11 a.m., Old Town Room, Union. 947-5855.

NTS Coffee Hour every Thursday, 3:15 p.m., Commuter Lounge, Union. x1734.

Prisoners of Gender, a gender discussion group, meets every Friday, 2:15 p.m., 1912 Room, Union. x3801.

International Students' Coffee Hour every Friday, 4 p.m., Damn Yankee. x2905.

Religious Worship

Newman Center/Our Lady of Wisdom Parish Weekly Liturgy: Sunday, 9:30 a.m. and 6:15 p.m., Newman Center, 11:15 p.m., Bangor Lounge, Union; Monday-Thursday, 4:45 p.m., Newman Center. Confessions every Sunday, 5:30 p.m., Newman Center. 866-2155.

Worship and Celebration at the Wilson Center, followed by a light supper of soup and bread, every Sunday, 5 p.m., 67 College Ave. 866-4227.

Hindu Prayer Meeting, contact Arvind Sharma, 866-0304.

Get-together with Orono Campus Ministers, every Monday, Wednesday and Thursday, 11:30 a.m.-2 p.m., Memorial Room, Union. 866-4227.

Ecumenical Brown Bag, mid-day prayers followed by discussion of "living our faith questions," led by Rev. Deborah Adams, every Monday, 12:15-1 p.m., Memorial Room, Union. 866-4227.

A Baha'i Fireside, every Tuesday, 7 p.m., Totman Lounge, Union. 581-7095.

"A Taste of Home," home-cooked meal prepared by local church members, Wilson Center, every Thursday, 5:30 p.m., 67 College Ave. \$2 donation. 866-4227.

Muslim Prayer every Friday, noon-2 p.m., Drummond Chapel. x3449.

Miscellaneous

Vacation Child Care Program, for children in grades K-6, April 17-21. x1820.

Bumstock, April 28-29, Hilltop Concert Stage. x1734.

Study Abroad Resource Room open 11 a.m.-noon and 1-3:30 p.m., Monday; 9-11 a.m. and 1-4:30 p.m., Tuesday; 11 a.m.-3 p.m., Wednesday; 9-11 a.m. and 12:30-4 p.m., Thursday; and noon-2:30 p.m., Friday, third floor, The Maples.

The Body Shop, a student-run business offering a variety of personal care products for sale, sponsored by the UMaine chapter of the American Marketing Association, every Monday and Thursday, 9 a.m.-3 p.m., Union. 866-7105.

Maynard F. Jordan Observatory open on clear nights Friday-Sunday, 7-9 p.m. x1341.

Orono Farmer's Market, every Saturday and Tuesday, 7 a.m.-5 p.m., May 20-Oct. 31, Steam Plant parking lot. 866-4784.

AAUW BOOK SALE

Saturday, April 22

8:30 a.m.-2:30 p.m.

Church of Universal Fellowship, Orono
featuring

Used books for adults, children
Book donations accepted
Light lunch and snack bar

Book drops: Orono Public Library or
Church vestry, 9 a.m.-4 p.m., April 19-21,
or by calling 866-3197 or 866-4856

Proceeds benefit the AAUW Scholarship
Fund and the Educational Foundation

"Earth Chants," a performance by the singing group Women with Wings, part of Earth Week '95 Celebration: "Many Communities, One Earth," 6-7 p.m., April 20, Bangor Lounge, Union. x3777.

University of Maine Jazz Ensemble in Concert, part of the Music Department performance season, 7 p.m., April 20, Hutchins Concert Hall. x1240.

"Paddle Chile," a Maine Bound slide presentation by Tom Lajoie, part of Earth Week '95 Celebration: "Many Communities, One Earth," 7:30 p.m., April 20, Union. x1794.

21 Friday

"The Economics of Conservation: Is Environmental Regulation a Detriment to Economic Growth?" by Sandy Neilly, Maine Audubon, part of the Forestry Seminar Series, noon, April 21, 204 Nutting Hall. x2831.

"Beyond Beef: An Introduction to Plant Proteins - Eating Lower on the Food Chain and Liking It," by Phyllis Havens, licensed clinical dietitian and consulting nutritionist, part of Earth Week '95 Celebration: "Many Communities, One Earth," noon-1 p.m., April 21, Lown Room, Union. x3777.

"How Will the Introduction of Parasitic Insects Affect Nontarget Forest Insects," by Emmanuel Ngollo, part of Earth Week '95 Celebration: "Many Communities, One Earth," noon, April 21, 101A Deering Hall. x2961.

"A Gathering for the Earth," an Earth Day satellite videoconference, 1-4 p.m., April 21, 122 Libby Hall. Native elders, together with scientists, will share the wisdom that underpins thoughtful choices in response to changes in populations, habitats, and environmental conditions. x3777.

"Systematics, Breeding Systems and Conservation in Shadbush, Amelanchier (Rosaceae)," by Alison Dibble, part of the Plant Biology Seminar Series, 1:30 p.m., April 21, 101C Deering Hall. x2971.

"Earth Can," a turn-trash-to-treasure workshop led by Shel Eames, part of Earth Week '95 Celebration: "Many Communities, One Earth," 2-4 p.m., April 21, Lown Room, Union. x3777.

"Maximizing Response Rates to Mail Surveys," by Margaret Schneemann, part of the



The Tony Award-winning *Dancing at Lughnasa* will be presented in seven performances Friday, April 21, through Sunday, April 30, Hauck Auditorium, as the final production of the 1994-95 season for Maine Masque and the Department of Theatre/Dance. In this warm and touching tribute to the powers of dance and music, the mysterious attraction of pagan ritual and the bonds of community, playwright Brian Friel explores the passions of an impoverished Irish family, the Mundys, in 1936. Five unmarried Mundy sisters ranging in age from 26 to 40 — who take the names of Friel's mother and aunts, on whom they are based — are seen through the eyes of one sister's son. The audience watches as they dance and dream in August, during the pagan festival, to honor the harvest god, Lugh. The cast includes, left to right, Dolora LaPenta, Jennifer Nadeau, Gwyneth Jones, Kristina Galli, and Deb Elz. Patricia Riggan, the newest member of the UMaine Department of Theatre/Dance faculty, is the director for this production, assisted by Christopher Luthin of Orono, an instructor in the Department. The production also features the work of two guest artists — Karel Blakeley, a professional scenic designer from Syracuse, and Gail Astrid Buckley, a professional costume designer from New York City who is working on a production for American Repertory Theatre in Cambridge, Mass. *Dancing at Lughnasa* will be presented at 8 p.m. Fridays and Saturdays, April 21-22, April 28-29; 2 p.m. Thursday, April 27, and Sundays, April 23 and April 30. For tickets, call 581-1773.

Department of Resource Economics and Policy Seminar Series, 3:10 p.m., April 21, second floor classroom, Winslow Hall. x3157.

"Statistical Mechanics of Driven Diffusive Systems," by Beate Schmittmann, part of the Department of Physics and Astronomy Colloquium series, 3:10 p.m., April 21, 140 Bennett Hall. x1039.

"Systematics & Biogeography Sicydline gobies," by Lynne Parenti, Smithsonian Institution, part of the Department of Zoology and Migratory Fish Research Institute Seminar Series, 3:10 p.m., April 21, 102 Murray Hall. x2541.

Computer Science Graduate Student Presentation: "ADA 9X and Cobol," by Heidi Bishop, 4:10 p.m., April 21, 227 Neville Hall. x3940.

Potluck Supper, featuring a lecture/slide show by Dick Anderson: "Introducing Maine's Newest Long Distance Hiking Trail," offered by the Maine Outing Club

and Bangor Committee, Appalachian Mountain Club-Maine Chapter, part of Earth Week '95 Celebration: "Many Communities, One Earth," 6 p.m., April 21, Newman Center. x3777.

Comedy Café with Patrice O'Neal and Gerroll Bennett, 9 p.m., April 21, Damn Yankee. x1734.

22 Saturday

AAUW Book Sale, 8:30 a.m.-2:30 p.m., April 22, Church of Universal Fellowship, Orono. 866-3197 or 866-4856.

Demonstration of a Pollution Transport Model, by Bryan Pearce, part of Earth Week '95 Celebration: "Many Communities, One Earth," 9 a.m.-noon, April 22, 101 Boardman Hall. x3777.

Earth Day Children's Activities, including recycled crafts, water wonders, earth explorers walks and games, part of Earth Week '95

Celebration: "Many Communities, One Earth," 10 a.m.-2 p.m., April 22, Union and Mall. x3777.

EarthFair, featuring exhibits, booths and food, part of Earth Week '95 Celebration: "Many Communities, One Earth," 10 a.m.-4 p.m., April 22, Memorial Gym. x3777.

Union Marketplace, featuring environmentally related crafts, products and services, part of Earth Week '95 Celebration: "Many Communities, One Earth," 10 a.m.-4 p.m., April 22, Union. x3777.

Discussion of the Maine Environmental Priorities Project, a workshop by Marquita Hill and Nick Houtman, part of Earth Week '95 Celebration: "Many Communities, One Earth," 10 a.m., April 22, FFA Room, Union. x3777.

Softball: UMaine vs. Hartford, 11 a.m., April 22. Admission fee.

Video: Quest, part of Earth Week '95 Celebration: "Many Communities, One Earth," 11 a.m. and 1 p.m., April 22, 100 Neville Hall. x3777.

Baseball: UMaine vs. Vermont, noon, April 22. Admission fee. xBEAR.

"What Happened to Her on the Way Home - The Ecofeminism Story," a workshop led by Hulda Warren, founding member of SPHERE - Sustainable Peace Here, part of Earth Week '95 Celebration: "Many Communities, One Earth," 1-2:30 p.m., April 22, Totman Lounge, Union. x3777.

Film: Milo and Otis, 1 p.m., April 22, 100 Corbett Business Building. x1734.

Performance by Les Ballet Trockadero de Monte Carlo, part of the Maine Center for the Arts performance season, 8 p.m., April 22, Hutchins Concert Hall. Admission fee. x1755.

23 Sunday

Trevor Spaulding Junior Recital, part of the Music Department performance season, 1 p.m., April 23, 120 Lord Hall. x1240.

"Why Do We Speak of Peace Yet Wage War?" a pre-concert discussion offered by Peace Studies and the Department of Music prior to the performance of Haydn's *Mass in Time of War*, also part of Earth Week '95 Celebration: "Many Communities, One Earth," 1:30 p.m., April 23, Bodwell Area, Maine Center for the Arts. x1212.

Performance of Haydn's *Mass in Time of War* and Bach's *Magnificat*, by the Oratorio Society, University Singers and University of Maine Orchestra, part of the Music Department performance season, 3 p.m., April 23, Hutchins Concert Hall. Admission fee with proceeds above costs to benefit the Peace Studies Program. x1755.

Award Ceremony: Senior Alumni Scholarships for Nontraditional Students, 3 p.m., April 23, Damn Yankee. x1820.

24 Monday

"Politics and Current Trends of Conservation in Zaire: Issues and Priorities," by Trinto Mugangu, visiting scientist from Zaire, part of the Wildlife Ecology Seminar Series and the Earth Week '95 Celebration: "Many Communities, One Earth," noon, April 24, 204 Nutting Hall.

"Religious Perspectives on Our Relationship to the Earth," featuring speakers from Bahá'í, Christian, Hindu and Native American perspectives, offered by the UMaine Religious Affairs Committee as part of Earth Week '95 Celebration, noon, April 24, Bangor Lounge, Union. x3777.

Mamma and Uncle Willy, a video featuring poet Maya Angelou followed by discussion, part of the Ecumenical Brown Bag's "Sacred Stories" series, 12:15 p.m., April 24, Memorial Room, Union. 866-4227.

"All My Relations - The Uluru Experience, a Mythic Journey to Ayers Rock, Australia," by Hulda Warren, founding member of SPHERE - Sustainable Peace Here, 12:15-1:15 p.m., April 24, Totman Lounge, Union. x3777.

College of Education Recognition Ceremony, 4 p.m., April 24, Dexter Lounge, Alford Arena. x2441.

"Environmental Law and the Engineer," by Matthew Manahan, attorney with Pierce, Atwood and Scribner, part of the Environmental

OFFICE OF HUMAN RESOURCES OPEN HOUSE

The Office of Human Resources will host an Open House on Tuesday, April 25, 10 a.m.-2 p.m. The Open House will be held in its new location, first and second floors of Corbett Hall, across from the Wells Conference Center. Parking is available in the Gym parking lot. There will be doorprizes, refreshments, tours and informational material about the services available from Human Resources. Stop in and visit with the Human Resources staff.

Management Seminar Series, 4:10 p.m., April 24, 100 Jenness Hall. x2301.

College of Social and Behavioral Sciences Recognition Ceremony, 4:30 p.m., April 24, Woolley Room, Doris Twitchell Allen Village. x1954.

Speed, part of the Roll It Again Cinema video series, 6:30 p.m., April 24, Sutton Lounge, Union.

"Architecture at the Crossroads Revisited: An Exploration of Sustainable Design," by Susan Maxman, former president of the American Institute of Architects and member of the President's Council on Sustainable Development, 7 p.m., April 24, 100 Corbett Business Building. x3245.

25 Tuesday

"Dark Skies are Beautiful Skies," by Frank Wihbey, part of Earth Week '95 Celebration: "Many Communities, One Earth," 12:15-1 p.m., April 25, Totman Lounge, Union. x3777.

"HIV/AIDS Needs in Maine," part of the Healthspeak series, 12:30 p.m., April 25, Bangor Lounge, Union. x4194.

Speed, part of the Roll It Again Cinema video series, 3:15 p.m. and 6:30 p.m., April 25, Sutton Lounge, Union. x1734.

Honors Convocation, 3:30 p.m., April 25, Wells Conference Center.

Fidelity, Perspective Advisory Co., Financial Services of New England and University Credit Union have joined forces to provide information and services to help people manage available TIAA/CREF funds.

A free seminar at 4:30 p.m., Tuesday, April 25, at the Credit Union will address questions such as:

- ▼ Do I have my money invested correctly?
- ▼ How should I be managing this money?
- ▼ Am I getting the best return possible?
- ▼ What happens if the market crashes?

For more information, contact Scott Pelletier, 800-865-4046, or Sandy Brown, 581-1458.

26 Wednesday

Exhibit of Nursing School Projects, 9 a.m.-4 p.m., April 26, FFA Room, Union.

Orono Royal, a student livestock show by the University of Maine Animal Club, 10 a.m., April 26, Witter Center. x6330.

A New Prosperity, part of the video series: *Canticle to the Cosmos* with Brian Swimme, offered by the Peace Studies Program and other sponsors, noon, April 26, Totman Lounge, Union. x1036.

Poetry Free Zone presents "Happy Trails! (Even Cowgirls Get the Blues)," noon, April 26, Honors Center. x3264.

"Ethical Use of Animals," a Department of Wildlife Ecology seminar, part of Earth Week '95 Celebration: "Many Communities, One Earth," noon, April 26, 204 Nutting Hall. x2862.

Faculty Senate Meeting, 3:15 p.m., April 26, Lown Rooms, Union. x1167.

College of Natural Resources, Forestry and Agriculture Recognition Ceremony, 6:30 p.m., April 26, Wells Conference Center. x3202.

27 Thursday

Do-It-Yourself Database Searching Workshop for humanities and social sciences faculty, staff and students, 1-2:30 p.m., April 27. Registration required. x3611.

"Husserl, Phenomenology and Relativism," by Jitendra Nath Mohanty, professor of philosophy, Temple University, part of the Department of Philosophy Colloquium Series, 4 p.m., April 27, Levinson Room, Maples. x3860.

Thursday Night at the Bear's Den with Open Mike Night, 9 p.m., April 27, Union. x1734.

Spring Recognition Ceremonies*

College of Sciences

Thursday, April 20, 4-6 p.m., 100 Nutting Hall

College of Education

Monday, April 24, 4 p.m., Dexter Lounge, Alford Arena

College of Social and Behavioral Sciences

Monday, April 24, 4:30 p.m., Woolley Room, Doris Twitchell Allen Village

College of Natural Resources, Forestry and Agriculture

Wednesday, April 26, 6:30 p.m., Wells Conference Center
Preceding department scholarship presentation ceremonies at 5 p.m. in the following locations:

Animal, Veterinary and Aquatic Sciences - Sutton Lounge, Union;
Applied Ecology and Environmental Sciences, Peabody Lounge, Union;
Bio-Resource Engineering - Bio-Resource Engineering Building;
Food Science and Human Nutrition - Mahogany Room, Wells Conference Center; Forest Management and Forest Ecosystem Science - 100 Nutting Hall; Resource Economics and Policy - 202 Winslow Hall; Wildlife Ecology - 102 Nutting Hall.

Graduate School

Tuesday, May 2, 4-5:30 p.m., Maine Center for the Arts
Reception follows in Damn Yankee

University College

Thursday, May 4, 5 p.m., University College Ballroom, Bangor campus

College of Arts and Humanities

Saturday, May 13, 8 a.m., Wells Conference Center

* The College of Business Administration held its recognition ceremony April 7. The College of Engineering holds its recognition ceremony in the fall.

Women's Resource Center Coordinates UMaine Take Our Daughters to Work Day

The University of Maine will observe the third annual Take Our Daughters to Work Day on Thursday, April 27, organized on campus by the Women's Resource Center and part of the national public education program of the Ms. Foundation for Women.

First observed in 1993, Take Our Daughters to Work Day is the one day of the year when girls across the nation spend time in the workplace with mentors. Last year, an estimated 25 million Americans participated in the program, part of the Foundation's "National Girls Initiative" designed to boost girls' self-esteem.

At UMaine, adolescent and young girls accompanying adults to their campus workplaces also will have opportunities to take part in a number of organized events. The schedule includes:

9-10 a.m. Arts and crafts/social hour at the Women's Resource Center, 101 Fernald Hall

11-11:45 a.m. A backstage look at the production preparations for *Dancing at Lughnasa* (for those attending the 2 p.m. performance)

11 a.m.-1 p.m. Reception and lunch, featuring the showing of the video: *How Schools Shortchange Girls*, Women's Resource Center

2-3 p.m. Tour of the exhibit: *Native Hands*, Hudson Museum

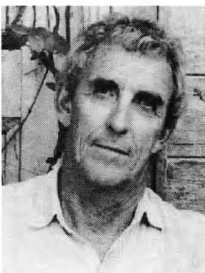
2-4 p.m. Performance of *Dancing at Lughnasa*

The Women's Resource Center urges those taking part in any of the day's organized activities, or those needing more information, to call 581-1508. ▲

Case Study Writers, Interdisciplinary Training for Health Care for Rural Areas Project, School of Nursing

We are looking for four health professions faculty, one social scientist and one fiction writer for the first week in June to help us further develop two interdisciplinary case studies for our graduate training sequence. Experience with rural health care in Maine preferred. The dollar amount will range from \$500 - \$1,000, dependent on time involvement. Please contact: Joann Kovacich, School of Nursing, University of Maine, 162 College Ave., x2604.

Look Who's On Campus



Peter Matthiessen, widely considered one of the most important wilderness writers of the 20th century, will speak Wednesday, April 19 on: "The Marine Environment and 'False' Conservation." His campus lecture is made possible by the Graduate Student Association as part of the Earth Week celebration. The award-winning author has been described as "a

naturalist, an anthropologist and an explorer of geographies and the human condition." In his works of fiction and nonfiction, Matthiessen explores endangered natural environments and human cultures threatened by encroaching technology. Among his acclaimed nonfiction works is *The Snow Leopard*, winner of a National Book Award and an American Book Award, which combines the account of a difficult Himalayan trek with spiritual autobiography and contemplations of mortality and transcendence.

UNIVERSITY OF MAINE EARTH WEEK '95

All events are free and open to the public

Tuesday, April 18

7 p.m. "Balancing the Need for Nature and Human Community in Our Lives," by environmental psychologist and author James Swan, 100 Corbett Business Building.

Wednesday, April 19

4-5 p.m., "Healing Plants from the Earth: Herbs for Building and Maintaining Health," workshop by Dahana Lake, Bangor Lounge, Union.

6:30 p.m., "Can Hunters and Non-hunters Work Together on Environmental Issues?" a panel discussion, 102 Murray Hall.

8:15 p.m., "The Marine Environment and 'False' Conservation," by author and naturalist Peter Matthiessen, 101 Neville Hall.

Thursday, April 20

2-4 p.m., "Shamanism - Earth Spirituality," workshop led by psychotherapist Mark Felix, Bangor Lounge, Union.

5:30-6:30 p.m., "Earth Chants," an interactive workshop led by the group - Women with Wings, Sutton Lounge, Union.

Friday, April 21

noon-1 p.m., "Beyond Beef: An Introduction to Plant Proteins - Eating Lower on the Food Chain and Liking It," workshop led by nutritionist Phyllis Havens, Lown Room, Union.

2 p.m., "Earth Can," workshop by Shel Eames, Lown Room, Union.

Friday, April 21

1-4 p.m., "A Gathering for the Earth," an Earth Day satellite video-conference, 122 Libby Hall.

6 p.m., Potluck supper by Maine Outing Club and Bangor Committee, Appalachian Mountain Club-Maine chapter, Newman Center.

7 p.m. "Introducing Maine's newest long distance hiking trail the International Appalachian Trail/Sentier International des Appalaches," lecture/slide show by Dick Anderson Newman Center.

Saturday, April 22: the 25th EARTH DAY

9 a.m.- noon, Demonstration of Pollution Transport Model, by Bryan Pearce, 101 Boardman Hall.

10 a.m.- 4 p.m., Union Marketplace, Union.

10 a.m.-2:30 p.m. Workshops in the Union

10 a.m., Discussion of the Maine Environmental Priorities Project by Marquita Hill and Nick Houtman, FFA Room, Union.

11 a.m.-12:30 p.m., "Wabanaki Storytelling," led by John Bear Mitchell, Bangor Lounge, Union

1-2:30 p.m., "What Happened to Her on the Way Home - The Ecofeminism Story," by Hulda Warren, founding member of SPHERE (Sustainable Peace Here), Totman Lounge, Union.

10 a.m. - 2 p.m., Children's activities in the Union and on the Mall. In the Union: Recycled Crafts at 10 a.m. and 2 p.m., Lown Room; Water Wonders, 11 a.m. and 1 p.m., Lown Room; Environmental Story Hour, noon -1 p.m., Sutton Lounge. Earth Explorers, walks in woods and wetlands, 10:30 a.m. and 1:30 p.m., meet under the Big "M" in front of the Field House. Games ongoing on the Mall, weather permitting.

10 a.m.- 4 p.m., EarthFair, Memorial Gym.

11 a.m. and 1 p.m., showing of *Quest*, Maine Public Television's new science video on pollution, 100 Neville Hall.

Monday, April 24

noon, "Religious Perspectives on Our Relationship to the Earth," panel discussion, Bangor Lounge, Union.

12:15 -1:15 p.m., "All My Relations - The Uluru Experience, A Mythic Journey to Ayers Rock, Australia," Led by Hulda Warren, Totman Lounge, Union.

Tuesday, April 25

12:15 -1 p.m., "Dark Skies are Beautiful Skies," a presentation by Frank Wihbey, Totman Lounge, Union,

For more information on UMaine Earth Week Activities, call 581-3777.



Why Do We Speak

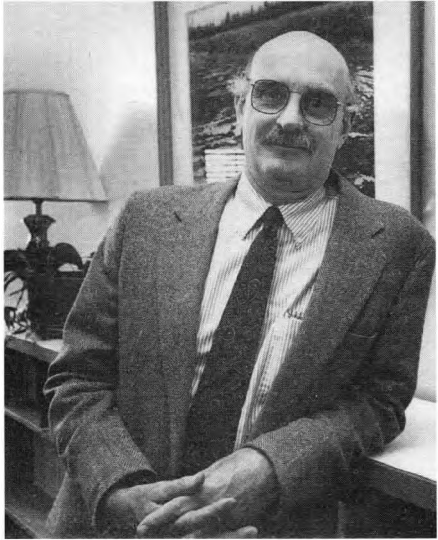
Sunday, April 23, at the Maine Center for the Arts, the Peace question: "Why Do We Speak of Peace, Yet Wage War?" Member Hallman and members of the Peace Studies Program in the Lives on the struggle to attain peace in a world with war. The Music featuring the Oratorio Society, University Singers and Magnificat.

The pre-concert forum will be an opportunity for people to h



In whose interest do "we speak of peace and yet wage war"? There is no real "peace" without justice. We use superficial rhetoric about "peace," but really "wage war," when our priorities and policies, at home and abroad, are directed toward maintaining the privileges, injustice, and domination of the powerful minority. We "wage war" on others either through overt violence or through indirect means of deception, control, and domination. In 1948, George Kennan, who headed the State Department's planning staff, warned that the United States would be "the object of envy and resentment" because it had 50 percent of the world's wealth, but only 6.5 percent of its population. Since that time, the shift of wealth from poor countries to the right and within this country from the poor to the wealthy has continued. The gap between rich and poor in this country has widened so that the after-tax income of richest 1 percent of U.S. citizens in 1988 was as great as the combined after-tax income of the bottom 40 percent. Today one out of four children in this country is born into poverty. Can we speak of peace when there is no justice?

*Ilze Petersons, Development Coordinator
Peace and Justice Center of Eastern Maine*



Peace is spoken about either with great cynicism—Nixon's peace with honor in Viet Nam—or with a fuzzy belief that the human capacity for misjudgment and unruly passions—greed, hatred, desire for revenge, hunger for power and so forth—can somehow be simply erased. In the first case, Nixon spoke of peace because it served well his aims in the war. Had he not held up the prospect of a peace achievable in the term of his administration, he would not have been able to continue to fight the war or, in the name of peace, brutally bomb Hanoi and Haiphong during the 1972 Christmas season. In the second case, bright people with the best intentions believe that this ideology or that religion, that great leader or this political party, or even better, this new idea will bring us peace. The historical record is evident. Enough malice and mistaken judgments exist to keep the armies of the world busy long after all of us have departed from the scene.

*Bob Whelan, Executive Assistant to the President
Vietnam War Veteran*

In human history, there have been precious few true men and women of peace—Jesus, St. Francis, Gandhi, Mother Theresa, Martin Luther King, Jr. . . . The number of true war mongers is equally small, from Genghis Khan to Napoleon to Hitler to Pol Pot. Between these two poles stand the generations and the multitudes of the rest of us, professing the words of the peacemakers, yet too often abetting or partaking of violence to satisfy our greed or allay our fears.

Pascal is but one of the moral philosophers who have shuddered in awe of the measureless duality of human nature, stretching from the satanic depths to the angelic heights. Indeed, he saw people as embodying at once two infinities—physical as well as moral—within the boundlessness of creation.

Why do we speak of peace when armies rage against each other? Why do we speak of peace when the conditions of war prevail in our streets, in our schools and in our homes? Our higher nature strives for conciliation, while our baser nature :

Perhaps we should speak more of war, in all its forms, to he Perhaps we should speak of waging peace with all the passion war through the ages.



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Why Do We Speak of Peace, Yet Wage War?

Sunday, April 23, at the Maine Center for the Arts, the Peace Studies Program will present an afternoon of discussion focused on the question: "Why Do We Speak of Peace, Yet Wage War?" Members of the University community are invited to join Conductor Ludlow Hallman and members of the Peace Studies Program in the Bodwell Area, 1:30 p.m., for a discussion that seeks to gain different perspectives on the struggle to attain peace in a world with war. The dialogue will be followed by a performance presented by the Department of Music featuring the Oratorio Society, University Singers and University Orchestra performing Haydn's Mass in Time of War and Bach's Magnificat.

The pre-concert forum will be an opportunity for people to have an open discussion – and a voice. Featured here are six of those voices.

In human history, there have been precious few true men and women of peace—Jesus, St. Francis, Gandhi, Mother Theresa, Martin Luther King, Jr. . . . The number of true war mongers is equally small, from Genghis Khan to Napoleon to Hitler to Pol Pot. Between these two poles stand the generations and the multitudes of the rest of us, professing the words of the peacemakers, yet too often abetting or partaking of violence to satisfy our greed or allay our fears.

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Why do we speak of peace when armies rage against each other? Why do we speak of peace when the conditions of war prevail in our streets, in our schools and in our homes? Our higher nature strives for conciliation, while our baser nature succumbs to blood lust.

Perhaps we should speak more of war, in all its forms, to help us see through its false allure. Perhaps we should speak of waging peace with all the passion and energy we have given to making war through the ages.



*Stuart Bullock, Chair
Department of Communication and Journalism
Desert Storm Veteran*

It is much easier to produce a creator of a peaceful world. But as a living and active happening, one – begin to live in a peaceful our relationships not only with fellow creatures, our earth and

This process of peace transform within ourselves and not with “ness and clarity about our daily narrow vision. Creative peace i calls for all the great courage, ir habitually invest in making wa

*Elizabeth Sh
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I think it is useful in playing or could play. (the recent wars. Our a mats are not involved. of territory mapped ou nuclear non-proliferati weapons. Many of us e stance on the military prevailing, and the kin people) need. For that

Our social, political and economic institutions are all based on power. Peace, violence, and war are merely tools for those in power to stay there. Power-holders speak of peace to pacify the masses, exacerbate conflict between groups, and wage war, all to preserve their self-interest and power. It doesn't cost anything to talk about peace while power-holders commit troops to fight to maintain their status.

In its true form, peace springs forth as a manifestation of an ideal state. It is the rational, compassionate, thinking minds; those unconsumed by “the will to power” that can see the value in peace.

*Tiya Eggan, Student
Senior Majoring in International Affairs with a
Concentration in History and Peace Studies*



Peace, Yet Wage War?

Program will present an afternoon of discussion focused on the University community are invited to join Conductor Ludlow on Tuesday, 1:30 p.m., for a discussion that seeks to gain different perspectives. This will be followed by a performance presented by the Department of Music Orchestra performing Haydn's Mass in Time of War and Bach's

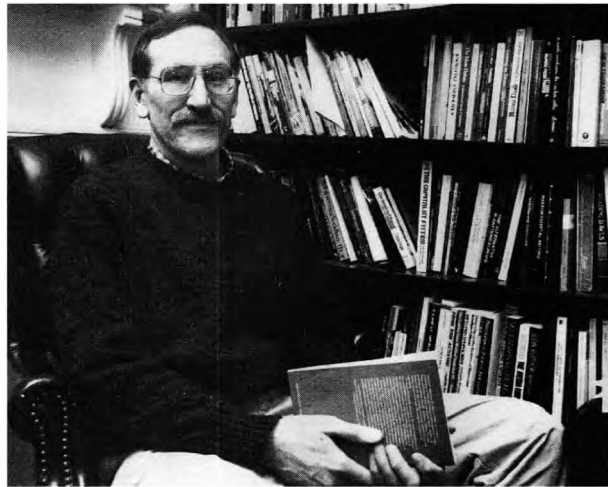
in discussion – and a voice. Featured here are six of those voices.



It is much easier to produce peace words than to be a co-creator of a peaceful world. But peace can only begin to grow as a living and active happening when we ourselves – each one – begin to live in a peaceful way at all times, and in all our relationships not only with other humans but with our fellow creatures, our earth and our universe.

This process of peace transformation then, must come from within ourselves and not with “them.” It requires mindfulness and clarity about our daily dullness and violence and narrow vision. Creative peace is not for the fainthearted. It calls for all the great courage, intelligence and fortitude we habitually invest in making war.

*Elizabeth Shan, Community Peace Activist
Oratorio Society Singer*



Over a millennium ago, the philosopher Augustine wrote that there is no one “who does not wish to have peace. For even they who make war desire nothing but victory—desire, that is to say, to attain to peace with glory It is therefore with the desire for peace that wars are waged.” What divides us is what we love. Those who love wealth or power to the exclusion of justice will be resisted by those who hold on to what is rightfully theirs and to what they need, those who love life, love their families, love their cities and nations, or love justice. Still others desire righteousness of a kind incompatible with the conceptions of justice others hold, and such conflicts can be the most bitter of all.

Most wars are overdetermined by multiple loves. The war in Bosnia is about territory, but also about ethnic solidarity, and imperialist opportunities. The belligerent blockade against Cuba springs from the desire for national determination on the part of the Cubans, but also from the desire on the part of our foreign policy elite for final victory in the Cold War, and for corporations to invest on the most profitable terms. The most important thing we can do as scholars is to understand this complexity of motives, and the most important thing to avoid as agents is a simplistic solution that ignores historical differences.

I think it is useful in our question to clarify the “we,” and to ask what part we Americans are playing or could play. Our government has intervened to a greater or lesser degree in many of the recent wars. Our arms merchants profit from the killing even when our armies and diplomats are not involved. The ethnic cleansing in Bosnia was carried out according to the divisions of territory mapped out in the Vance-Owen plan. Our government demands compliance with the nuclear non-proliferation treaty, yet continues to harbor the world's largest supply of nuclear weapons. Many of us elect officials without a thought of their foreign policy goals or of their stance on the military budget. No matter whom we vote for, the multinationals have a way of prevailing, and the kind of peace they love is different than the kind we (ordinary working people) need. For that we must do more than speak of peace, we need to wage it.

*Michael Howard, Chair, Department of Philosophy
Maine Peace Action Committee Member*

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W e R e m e m b e r

Anne Johnstone

University of Maine Assistant Professor of Computer Science Anne Johnstone died of complications resulting from lung cancer Feb. 29, 1995. She is survived by her mother, Marie Johnstone, her sister Gillian Elliot and brother Alasdair Johnstone.

Anne received her Ph.D. in artificial intelligence at the University of Edinburgh in Scotland, preceded by her BA Hons in philosophy and French at the School of European Studies, University of Sussex in the United Kingdom. Her mother relates that after graduating from the University of Sussex, Anne entered the field of computing as an expedient way to enter the job market, but subsequently found the field of artificial intelligence as a way to combine her interests in science, technology, and the humanities. After completing her Ph.D., Anne took a position as senior research associate in the Computer Science Department at Washington University in St. Louis, and while there established a successful research program in natural language processing, funded by Southwestern Bell Technology Resources. A sampling of her published work includes: "Integrating Speech Recognition and Plan-based Dialogue Processing," "There was a Long Pause: Influencing Turn-taking Behavior in Human-Human and Human-Computer Spoken Dialogues," and "Speaking to Automated Agents: The Effects of System Behavior on Users' Speech."

During her short time with the Department, Anne demonstrated her versatility as a computer scientist, expert in the field of artificial intelligence, and humanist. During the fall 1994 semester she taught COS470, Introduction to Artificial Intelligence, and COS298, Introduction to Unix, and for the spring was planning COS570, the graduate course in AI, as well as teaching COS110, the Introduction to Macintosh. She established a weekly AI video brown bag lunch series, and led interesting discussions that typically lasted long after each video was completed. Anne's quiet, professional approach in the classroom and great concern for her students' project work was greatly admired, inspiring her students to successfully complete her AI course, seminar fashion, after she was too ill to continue teaching.

Anne had great plans for her research program at Maine, as evidenced by the seeds she began to sow. She was in the process of building a laboratory to continue her experiments in human-machine discourse, and she developed an interest in artificial characters, autonomous, computer-generated characters that could be used as a visual surrogate for a human or machine over a telephone connection. To this end, Anne was instrumental in bringing together (albeit for a short time), a group of faculty from Theatre/Dance, Speech Communication, and Computer Science. In addition, her interest in the rhetoric of science and technology led her to submit and have accepted paper entitled: "Who Put the 'I' in 'A.I.' (Artificial Intelligence)," with Anne Laffoon of Speech Communication, to the 86th Annual Convention of the Eastern Communication Association.

Although her research focused on the science of artificial intelligence, Anne had a deep love of creative writing. If time allowed, she had hoped to begin a novel, and just prior to her death she shared her dream of a women's center for creative writing with a number of dedicated University and Orono area professional women in her healing circle. The group is currently working to fulfill this dream. For further information, please contact Anne Laffoon, x1943.

Oscar Emerson



Oscar Emerson, executive custodian of Campus Living, passed away unexpectedly April 1, 1995. University friends and family gathered together April 3 for a service in Old Town remembering Oscar's 40 plus years with the University.

Oscar's role with the Department of Campus Living brought him in contact with all aspects of the University community. Although a quiet and serious-minded person, Oscar had a special sense of humor, and his heart was filled with "Maine Pride" and a dedication to serving students and working collaboratively with staff. During his 42 years with the University, he was involved in a wide range of events – from setting up for Alumni Reunion Weekends, dealing with the aftermath of Bumstock celebrations, caring of the President's house and responding to emergencies, to making sure all residence and dining halls stayed in excellent condition.

His efforts did not go unrecognized:

▼ In 1984 he received the Residential Life Employee of the Year Award. He was cited by his peers for his innovative ideas, cooperation and his quick response to emergencies. He was always there when you needed him. He could do the impossible. Whether it was a fire, flood or other crisis, he was at the scene.

▼ In 1986 he was given the Service to the University Award. His strong service orientation was singled out before "service" was a buzzword on our campus.

▼ In 1992 he received the University of Maine's Steve Gould Award, an award given to individuals who have exhibited humanitarian qualities of unselfishness and compassion in the course of service to the University of Maine and its ideals. Oscar had compassion for the University – he loved it, respected it and made it an extension of his family. Consequently, he created a family atmosphere in his work among his colleagues

In October 1994, Oscar's Campus Living colleagues had a surprise party to celebrate his 42 years of service. It was one of those rare occasions when we in Campus Living could surprise Oscar – he usually knew all and was behind the scenes making things happen for others.

His 42 years of service to students at the University of Maine is unparalleled. As a young man from Old Town, Oscar was hired and tutored by Vern Elsemore, and soon developed into one of the most valuable and important "behind the scenes" people at the University. In Oscar's quiet and deliberate manner, he got things done. At the core of his dedication was a passion for service, high standards, a selfless concern for others and a dedication that goes unmatched. He instilled in his co-workers strong, positive values and a concern that is so much a part of our fabric that we cannot even imagine the scope of its impact. He supervised many University children in their first jobs in high school, offered support to fellow employees when many of us were low, and he could give us a good "kick in the seat" if we were underachieving.

The University was truly blessed to have Oscar pass through our lives. For some of us he was a father figure, for others a supervisor and mentor, and for all, a person who stood for and symbolized care and concern for his colleagues and the students he so faithfully served.



C. Wayne Honeycutt, soil scientist with the USDA-ARS New England Plant, Soil, and Water Laboratory: "Linking Nitrogen Mineralization and Plant Nitrogen Demand with Thermal Units," p. 49-79, in J.L. Havlin and J.S. Jacobsen (eds.): *Soil Testing: Prospects for Improving Nutrient Recommendations*, Soil Science Society of America Special Publication No. 40, Soil Science Society of America, Madison, Wis. (1994). In addition, Jerry Radke, USDA-ARS Ames, Iowa, and Honeycutt: "Residue Management Strategies in the Northeast," p. 77-107, in J.L. Hatfield and B.A. Stewart (eds.): *Crops Residue Management*, Advances in Soil Science, Lewis Publ., CRC Press, Boca Raton, Fla. (1994). And Honeycutt: "Soil Freeze-Thaw Processes: Implications for Nutrient Cycling," *J. Minn. Acad. Sci.* 59:9-14 (1995).

Joann Kovacich, director of the Interdisciplinary Training for Health Care for Rural Areas Project (School of Nursing): "Electronic Classrooms for Interdisciplinary Team Building," *Rural Health FYI*, 17(2):17-18.

Robert Seymour, Curtis Hutchins Associate Professor of Forest Resources, R. Hrubes, D. Hammel: "Certifying Sustainable Forestry: The Evaluator's Perspective," *Journal of Forestry*, 93(4):26-9. Also, Seymour, **W. Halteman**, **M. Greenwood**: "Canopy Dynamics and the Morphological Development of *Abies balsamea*: Effects of Foliage Age on Specific Leaf Area and Secondary Vascular Development," *Tree Physiology*, 15:47-55.

Ramesh Gupta, professor, Department of Mathematics and Statistics, (co-authored with O. Akman of Cornell University): "Mean Residual Life Function for Certain Types of Non-monotonic Ageing," *Stochastic Models* 11(1):219-25 (1995).

Oral Exams

"**The Detection of Structural Damage in Medium Density Fiberboard Using a Neural Network**," by Way Long, candidate for master's degree in forestry, 3:30 p.m., April 17, Nutting Hall.

"**Parental Hypertension, Hostility and Cardiovascular Reactivity**," by Amy Goodrum, candidate for Ph.D. in psychology, 11 a.m., April 18, 326 Corbett Hall.

"**The Selection of Prey Patches by Foraging Black-capped Chickadees and Pigeons**," by John Roche, candidate for Ph.D. in zoology, 1:30 p.m., April 19, 106 Murray Hall.

"**Listeria Monocytogenes in Salmon-like Production Environment**," by Jui-Lien Hsu, candidate for master's degree in food science and human nutrition, 8 a.m., April 21, Winslow Hall Conference Room.

"**Conservation Biology of Shadbrush, *Amelanchier* (Rosaceae): Evidence from Systematics, Reproductive Biology and Population Structure**," by Alison Dibble, candidate for Ph.D. in plant sciences, 1:30 p.m., April 21, 101C Deering Hall.

"**Repression in Academia: New Left and Antiwar College Teachers and Political Dissent in the Vietnam War Era, 1964-1975**," by David Seager, candidate for Ph.D. in history, 1 p.m., April 25, 170B Stevens Hall.

"**A Survey of Knot Polynomials and Applications**," by Troy Peterson, candidate for master's degree in mathematics, 1:10 p.m., April 25, 421 Neville Hall.

"**A Dramatistic Analysis of the Names Project: AIDS Memorial Quilt**," by Cara Finnegan, candidate for master's degree in communication studies, 2 p.m., April 24, 429 Dunn Hall.

"**Building a House that Remembers Its Forest: Research and the Construction of a Personal Pedagogy for Literacy Teacher Education**," by Cynthia McCallister, candidate for Ed.D., 2 p.m., April 24, 100 Shibles Hall.

"**Study of Radon Contamination in the Human Body: A First Order Compartmental Approach**," by Nidhi Sharma, candidate for master's degree in physics, 3:10 p.m., April 24, 114 Bennett Hall.

"**Canadian Provincial Curriculum Documents and Literacy Practices: Actual Teachers, Possible Reforms**," by Cynthia Hatt, candidate for Ed.D., 3:45 p.m., April 24, 100 Shibles Hall.

"**A Categorization of Selected Organ Music for Use within the Liturgical Year**," by Patricia Clark, candidate for master's degree in music, 1 p.m., April 25, Lord Hall.

"**Little Shop of Horrors: The Role of the Director in Musical Theatre Collaboration**," by Bill Mitchell, candidate for master's degree in theater, 10 a.m., April 26, Hauck Auditorium Green Room.

"**Faculty Involvement in Cooperative Education at Land-grant Universities**," by Robert Thomas, candidate for Ed.D., 11 a.m., April 26, 159 Shibles Hall.

"**The Lability of Proteinaceous Seston in Three Maine Estuaries**," by Annette Laursen, candidate for master's degree in oceanography, 2 p.m., April 26, 220 Libby Hall.

"**Cardiovascular Nutrition Knowledge and Self-perceived Food Practices of Maine Adolescents**," by Susan Stephenson, candidate for master's degree in food science and human nutrition, 8:30 a.m., April 27, Winslow Hall Conference Room.

"**Falsettoland: The Little Show that Could**," by Michael Charbeneau, candidate for master's degree in theater, 9 a.m., April 27, Old Town Room, Union.

"**The Comparative Functional Morphology of the Amphipod Mandible and Foregut**," by Stephen Sampson, candidate for Ph.D. in zoology, 12:30 p.m., April 27, 102 Murray Hall.

"**Chemical Communication Mediates Shelter Selection for the American Lobster, *Homarus americanus* Milne-Edwards**," by Timothy Miller, candidate for master's degree in oceanography, 12:30 p.m., April 27, Kresge Classroom, Darling Center.

"**Photogrammetric Examination of the Calving Dynamics of Jakobshavn Isbrae, Greenland**," by Paul Prescott, candidate for Ph.D. in surveying engineering, 2 p.m., April 28, 136 Boardman Hall.



The Orono-Old Town branch of the American Association of University Women will hold its Book Sale Saturday, April 22, 8:30 a.m.-2:30 p.m. at the Church of Universal Fellowship in Orono. This annual event supports the Branch's scholarship fund and is its major fund raiser. Friends who have books to donate to the sale may bring them to the Church Wednesday-Friday prior to the sale between the hours of 9 a.m.-4 p.m. Pictured here are AAUW members examining some of the many books for the sale. They are, left to right, Annyce Turco, sale co-chair Liz Trefethen, and AAUW Branch president Janet Givens. Co-chair Kathleen Bell is not present.



At the annual meeting of the Society for French Historical Studies, held in Atlanta, March 23-25, Professor of History **C. Stewart Doty** presented a paper: "M. Maurras est ici: French Fascism in Franco-American New England."

Kyriacos Markides, professor of sociology, presented a lecture/workshop based on his latest book: *Riding with the Lion: In Search of Mystical Christianity* (Viking: 1995), at the Open Center, N.Y., Feb. 18-19, and at Interface, Cambridge, Mass., April 7-9.

James Warhola, associate professor of political science, and **Khalil Habib**, political science major, attended the 1995 New England Slavic Studies Association Annual Conference at Harvard University, March 24-25. Warhola participated in a roundtable discussion: "Russia After Chechnya."

Herman Weller, assistant professor of education, and **Mary Dickinson Bird**, instructor of education, presented a refereed paper: "Helping Teachers to Pursue the Questions that Nature Asks Us," at the annual convention of the National Science Teachers Association, Philadelphia, March 23.

Michael Greenwood, professor, College of Forest Resources, and **Keith Hutchinson**, biochemistry, presented a paper: "Genetic Response of North Temperate Conifers to Increased Temperature," at the Northern Global Change Meeting, March 15, Pittsburgh.

Thomas Corcoran, professor of forest resources and forest engineering, has been elected to receive the Outstanding Achievement and Service Award of the International Union of Forest Research Organizations. The every-five-year award will be presented in August at the IUFRO World Congress in Tampere, Finland, before an expected 3,000 delegates. Currently, Corcoran is on sabbatical leave as the Erskine Fellow at University of Canterbury, Christchurch, New Zealand.

Duane Hanselman, associate professor in electrical and computer engineering, co-presented a three-day short course on the design of Brushless Permanent Magnet Motors in Rockford, Ill., March 14-16. The short course was part of the Small Motor Manufacturers Association's "Motor College," which offers courses on the design of a variety of electric motor types on a rotating basis. The "Motor College" was started because motor design is no longer taught at the university level.

William Krohn, leader, Maine Cooperative Fish and Wildlife Research Unit, presented a paper: "Predicted Vertebrate Distributions from Gap Analysis: Considerations in the Design of Statewide Accuracy Assessments," at the Gap Analysis Symposium, ACSM/ASPRS Convention, Charlotte, N.C., Feb. 8.

W.D. Ostrofsky, associate research professor, Cooperative Forestry Research Unit, moderated two sessions at the joint meeting of the Northeastern Forest Pest Council-Northeastern Forest Insect Work Conference-New England Division, Society of American Foresters meeting in Burlington, March 20-23. At the meeting, Ostrofsky also co-authored with graduate student **C. Malitz**, a poster presentation: "Effects of Paper Mill Sludge Ash and Wood Ash on Red Pine Growth and Raspberry Biomass Production."

James Sherburne, director of International Programs and professor of wildlife ecology, presented a technical paper: "Natural Resources Management Considerations in a Developing Country," at an international Environmental Management Conference in Port of Spain, Trinidad and Tobago, March 20-24. The conference, hosted by the Maine Education and Training Export Partnership, and Trinidad and Tobago's National Institute for Higher Education in Research, Science and Technology was attended by nearly 500 delegates for the Caribbean, South America, and the United States. A focus of the Conference, sponsored by the World Bank, the United Nations, the U.S. Embassy in Trinidad and Tobago, and several companies operating in Trinidad, was on the development of environmental management structures, regulations, standards, and action plans for island countries.

Sylvester Pollet, lecturer in English, read some recent poems at a group reading and publication party for the annual Poetry New York 7, at the Knitting Factory, New York City, March 19.

David Smith, Bird and Bird Professor Emeritus of History, professor of agricultural history with the Maine Agricultural and Forest Experiment Station, and cooperating professor of Quaternary Studies, spoke March 21 at the Society for the Protection of New England Antiquities in Portsmouth on: "Northern New England Forests the First Two Centuries 1620-1820" – the first of four lectures on "The Timber Economy in the Wooden Age." In addition on April 6, Smith spoke at the weekly luncheon of the National Postal Museum, Smithsonian Institution, Washington, D.C. on: "American Women on the Home Front in WWII: What Do Their Letters Tell Us?"

Raymond O'Connor, professor of wildlife ecology, presented a paper: "Continental Bird Distribution and the Use of Agricultural Land Across the United States," at the Clark Ornithology Symposium: The Ever Changing Relationship of Birds and Agriculture, held at Ohio Wesleyan University, Delaware, Ohio, March 3.

Robert Seymour, Curtis Hutchins Associate Professor of Forest Resources, presented a paper to the annual meeting of the New England Society of American Foresters: "Ecosystem Management and Wood Production—Let's Stop Just Talking and Start Managing," Burlington, March 21. Seymour also presented a talk to the Western Maine Forest Forum: "Forest Practices Regulation in Maine—History and New Proposals," Feb. 21, South Paris, Maine.

Richard Pare, associate professor of psychology, was the invited speaker at the monthly meeting of the Penobscot Valley Dentist Association held in Bangor. His topic was stress analysis and management.

Howard Segal, professor of history, presented a paper: "David Lillienthal and TVA: Democracy on the March (1944)," at the 1995 Organization of American Historians Annual Meeting, Washington, D.C., March 30.

James Bird, head of the science and engineering center, Fogler Library, presented a paper: "CD-ROM Evaluation Criteria: Getting the Most for Your Money," at the National Science Teachers Association's 43rd National Convention, Philadelphia, March 23-26.

Professor **Dennis Cox**, music, conducted a choral workshop for the Bristol, Conn., Central High School Chamber Concert and Show Choirs April 1 at the Orono United Methodist Church.



Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

FOR SALE

AUTOMOBILE: Florida Saab, 1983 900S four-door sedan. Automatic transmission, factory sunroof & A/C. One-owner car, well maintained and rust free. 130K miles, mostly highway. New tires, shocks, muffler, tailpipe and plugs. \$3,400 firm. Please call 942-4722 for additional information

AUTOMOBILE: 1986 Ford Escort - 2 seater, sporty, sunroof, 5 speed, grey and black, over \$1000 in new parts, 107,000 miles, runs great, driven to Portland and back weekly. Will take best offer. 866-3431

AUTOMOBILE: 1985 Oldsmobile Cutlass Calais Supreme - 2 door, 3.0L V6, auto, cruise, air, tilt, pw, power seats, sunroof, new breaks, inspected, needs a computer sensor to be trouble free. Will take best offer. 866-3431

AUTOMOBILE: 1985 Olds Cutlass Supreme 4-door AM/FM/Cassette; air conditioning, 92K, good condition. \$1100 or best offer. Call Donna after 5 p.m. at 827-3532.

AUTOMOBILE: 1987 Pontiac Grand Am, 1 owner, well-maintained, clean, 5-speed, am/fm cassette with equalizer, looks great! No rust, 120K (highway miles). \$2300. Call 945-5820.

COMPUTER: IBM PS 2 286 personal computer and monitor, great for word processing, \$300. IBM Quietwriter printer, \$75. Buy both for \$350. Call 973-3237 business hours.

HOUSE: 3-bedroom ranch in pretty country setting, 5 minutes from I-95, 35 minutes from campus. View of rolling hills, farms, includes 2 1/2 acres. New roof, att. garage, separate barn/garage, hardwood floors, deck, and bay window. Asking \$68,000. Call 368-2060 evenings and weekends.

HOUSE: 68 Grant Street, Bangor. 4 bedrooms, 1 bath, double living room, new cherry kitchen, large dining room, 2-car garage, full basement and attic, good neighborhood. \$85,000. 667-4716 or 235-2779.

HOUSE: Riverview home in Old Town. Two-story, ready to move in. Kitchen with refrigerator, stove, dishwasher & trash compactor. Dining room, living room, bedroom, sewing room, laundry room with washer/dryer hook-up, heated porch with Anderson windows and full bath on first floor. Wood stove hook-up. Possible apartment on second floor with kitchen & full bath, living room and bedroom. Full cellar. Attic with fold-down staircase for storage. Two-car garage with paved driveway and small deck. Landscaped corner lot. Priced to sell at \$70,000. Call 862-3392.

HOUSE: Waterfront year-round home on Sebec Lake, Dover-Foxcroft. Five years old, shingled cape, 3 bedrooms, 2 full baths, cathedral, custom built kitchen with skylights. Dining room, exposed beams throughout. Hardwood floors downstairs, carpet up. Living room w/brick hearth and mantle. 5 zoned FHW heat. Heated full glassed/screened porch. 2 car garage with utility room and full bath. Large upstairs ready to be made into guest quarters. Beautifully decorated and cared for. Flower and vegetable gardens. Blue Ribbon award winner by CB. AHS Home Warrantee Protection. Excellent sandy beach, crystal clear water. Good fishing, private paradise with mountain views. Quiet West end of the lake. Asking \$195,000. Call 997-3266 eves and weekends.

HOUSE: Lovely 3-4 bedroom cape in Bangor. Large lot, two-car garage. New neighborhood. Many nice features. \$129,900. Call 947-2235. Leave message.

HOUSE: For sale by owner. 3,024 +/- sq ft, 7-year old home in one of the most prestigious, family-friendly neighborhoods in Hampden. 3-4 huge bedrooms (master suite is 27'x16'), 3 full baths, formal living room and dining room. Family room is adjacent to breakfast nook and gorgeous outdoor deck, and has heat-lator fireplace. Oversized two-car garage, with paved driveway. Highest quality construction by renowned H. Blaine Davis builders includes modern appliances in excellent condition. Large .5 acre lot near other families and only 20 minutes from campus, yet on private cul-de-sac. Appraised at \$145,000 by Gordon Appraisal Co., asking \$143,900. Call 862-2684 after 5 p.m. and weekends.

HOUSE: 8 percent assumable loan on 11-year-old 1,344 sq ft executive ranch. Newer carpet throughout. Two bedrooms upstairs with 600 sq ft finished room downstairs. Two full baths. Custom oak cabinets in kitchen. Solid wood doors and brass lighting throughout. Large 12'x18' master bedroom with two oversized closets and roomy private bath. Well situated on 1.47 acres with vegetable and flower gardens, maple, apple, and cherry trees, grape vines, raspberries, and blackberries. Rural setting only 15 minutes from campus via Essex and Forest avenues. No cosmetic updating needed! Asking \$9,000 down and take over payments on \$116,400 loan balance. Call for appointment, 942-0902.

LAND: Waterfront. 8-acre pond surrounded by 62 acres of pristine woodland. Little Bennett Pond is a clear-water pond fed by Big Bennett Pond. L.B. Pond

feeds into Bennett Cove of Sebec Lake. Buyer will acquire a deeded carry and foot access to Sebec Lake just across the road. Electricity avail. 20 minutes to town of Dover-Foxcroft but totally private. Abundant wildlife, flora and fauna. Blueberries, cranberries, raspberries. Hear the loons call and watch the ducks, birds, geese, moose, deer and bear. Have a private lodge, camp or retreat. Start a sporting camp, seasonal or year-round business. There are four soil tested and DEP approved lots which are very private and have large waterfronts and acreage. A rare and exceptional find for the naturalist, writer, sports and/or outdoor person. Asking \$165,000, but will entertain any reasonable offer after you have seen it. Call 997-3266 evenings and weekends.

MOBILE HOME: 1971 12' x 60', set up in nice, quiet Milford Park. Excellent condition. Very neat and clean, move right in. Two bedrooms, deck, storage shed. New furnace, heat tape, hot water heater, kitchen stove. Full-size air conditioner. \$8,500. Call 827-3186.

FOR RENT

APARTMENT: Well-maintained and quiet 1-bedroom attached to private home. Full bath and eat-in kitchen, study area, off-street parking. Walk or bike to campus. Ideal for graduate student. \$350/month plus utilities, references and security deposit required. 866-4798 day or evening until 9 p.m.

APARTMENT: Orono river panorama, convenient to University and downtown. Private road with parking. Two bedrooms; quiet; uniquely spacious. Take a look and see an ideal location for family and graduate study. \$550 + utilities. Call 348-6764 or leave message at 348-5234.

HOUSE: Convenient Bangor location, beginning July 15. Eight room, 1 1/2 bath house in Eastside neighborhood. Walk to Abraham Lincoln, Garland Street schools. Possibility of renting with option to buy. \$650/month. Tel. 942-3945.

SERVICES

DENTAL HYGIENE: The University of Maine Dental Health Programs offer Dental Hygiene Services through April, Lincoln Hall, Bangor campus. Quality preventative dental health services are available to members of the University community and the public. These preventive services include: oral exam, teeth scaling and polishing, radiographic examination, preventive education, and application of fluoride and sealants. All services provided at low cost by students supervised by faculty and dentists. Further reduced rates to UMaine students. Call 581-6050 for an appointment.

WANTED

APARTMENT: Family of three looking to rent a 2-3 bedroom apartment or house in the Orono to Bangor area by June 1. Call Mary and leave message at 947-7214.

INFORMATION: On Friday, March 31, my vehicle (1994 Intrepid) was parked at the south gym parking lot facing Crossland Alumni Center. A driver with no conscience driving a white car or truck hit my car and left the scene without reporting the incident. I am offering a \$100 reward with information leading to the conviction of this driver. Any information would be greatly appreciated. Please call 827-2106 or 581-1148.

HOUSING: Incoming National Student Exchange student from Oklahoma State University wishes to live with local family while here. He is a UMaine hockey fan and majoring in elementary education. Would enjoy family with children, non-smoking and church participants. Contact Jack, 581-1297.

HOUSE: University professor wishes to purchase 2-4 bedroom house in Orono within two miles of the University of Maine. If you have a house to sell which is not currently listed, call 866-7935.

ROOM: Room for rent for born-again Christian female UMaine staff member with small 9-year-old housebroken dog. Kitchen & laundry privileges. Close to busline. Call 581-1638.

SURPLUS SALE: The University of Maine offers for sale, on an as-is where-is basis, the following: (1) IBM 6182 PLOTTER, \$500; (3) PRINTERS, Epson DX-20 & STAR, daisywheel, \$25 each; (1) PRINTER STAND, desk top, plastic, \$5; (1) DATA DOC SWITCH for Idrives A and B, \$10; (4 boxes) ZENITH COMPUTER CHIPS, 256K iexpansion for Zenith 100 series \$10; (1) MAC POWERBOOK 165, laptop computer, 80 MB hard drive, 4 megs of RAM, \$800 DEPARTMENTS ONLY; (100's) USED MANILLA FOLDERS, FREE; (15) IBM CORRECTING SELECTRIC III TYPEWRITERS, \$75 each; (16) DICTATING UNITS, Cassette Master CM2, \$40 each; (1) SMALL METAL DESK, single pedestal, \$40 DEPTS ONLY; (500') 25 PIN COMPUTER CABLE, 20 cents per foot; (4) METAL BASKETBALL RIMS, \$5 each; (3) BASKETBALL BACKBOARDS, 4' X 6', wooden, \$15 each; (16) TOKEN RING CARDS, ISA & Micro Channel, 4.77 MBPS, w/cable, \$100 each; (1) TOKEN RING HUB, 8 port, \$150; (1) ELECTRONIC STENCIL CUTTE R, Eklund 7800, \$50; (6) ROOM DIVIDERS (PARTITIONS), fabric with metal frames, free standing \$20 each; (2) PRINTER STANDS, 4' high, \$10 each; (1) CLOTHES DRYER, Westinghouse, needs belt \$25; (1) CROSS SWITCH, FREE; (1) MULTIMEDIA ACCESS CENTER, \$100; (8) 8 BIT NETWORK CARDS, FREE to \$25. Off-campus inquiries are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Dept., 581-2692. E-mail Logan@Maine.

Civil Engineering *continued from page 2*

Firms in the area volunteered their engineers to work with the teams, and students went to those firms and were shown how to handle such design projects, Rock said. The engineers reviewed student draft reports, talked to them about how to make presentations and about appearing before planning boards.

Representatives from UMaine Facilities Management talked about utilities issues when building such facilities, and recreation experts like Dave Ames talked to the class about the different fitness centers around the country. In preparing for the presentation of mid-semester designs, the Boston-based firm of Howard, Needles, Tammen and Bergendoff flew two of its architects to Orono to help the students prepare floor plans and building design, using their own design for the new Northeastern Recreational Center as an example.

"We've always had good support from engineers who have given everything from their time and expertise for guest lectures to their financial support," Rock said. "They place a high value on the education they received here. When the project came up, we had more than a dozen engineers in the area willing to be involved because they wanted the students to benefit from their experiences."

With building specifications that came from an exploratory committee calling for such things as racquetball courts and weight rooms, each team spent the first half of this semester designing a student fitness center for a theoretical location on the site of Crossland Hall and Sigma Nu fraternity. Students had to communicate with a myriad of engineering experts and local officials on matters ranging from building material costs to zoning permits. They had to hone their public speaking skills when presenting their designs to mock planning boards. And perhaps just as important, they had to learn to work as a team to accomplish their goals and manage their time. From filling out time cards to peer review, the "fictitious" fitness center project provided the student engineers with a very real design challenge.

"We had a good team, and everyone was cooperative and flexible," according to Kevin Kluzak of Winthrop, a senior who will graduate in December. "Our biggest challenge was in deciding what we needed to do. We were not given a lot of direction, just as we have to make those kinds of decisions in real life. In our other classes, we're given a problem statement with everything set so you know which way to go. In this project, there was a general problem statement with no given, so it required talking to other engineers, finding out what people wanted and trying to get people's needs met.

"The biggest lessons from this project came from all the engineers and professionals we had to talk to," Kluzak said. "We discovered the actual engineering on a project like this is only 40 percent of the job. The other 60 percent is taken up talking to people on the phone and gathering information.

"The campus really needs a facility like this," he said. "The Latti Fitness Center is overcrowded. I'm hoping that someday my work here in this class can be used as a basis for a real design.

It definitely was a very challenging project, according to Michael Sellinger of Auburn, a senior also headed for graduation in December. "This class tied it all together. When we got the project, our mission was to research and discover. We contacted other engineers and firms to talk about our designs. We did a lot of exploring, and that was a good learning experience.

"The most valuable thing was relating what we were doing with the outside world. There was a lot of required permitting, for instance, that we weren't even aware of until we got started. The moment of gratification was when we presented our plans and got overwhelming approval from the planning board – hours and hours of work accepted and appreciated by a board of engineers.

"Just the idea that in 5-10 years I can come back to see such a facility and know I had some part to do with it is exciting," Sellinger said.

Melanie Bragdon of Bangor was familiar with the hours required in designing such a facility, having worked this past summer doing conceptual design for a structural engineering firm. Nonetheless, she said it was surprising the amount of planning that goes in to such a project. It's so much more than just drawing the outside of the building, she said.

"We had never looked at building codes before, or how handicapped accessibility affects the whole design of a building," said Bragdon, who will graduate next month. "Then there was the permitting process. Our building turned out to be too high to meet Orono requirements. And I hate talking in front of people, but we had to do it. I put in 40 and 50 hours the week before and week of the planning board meeting, spending all that time making the plan perfect, only to have them zero in on the flowers and trees we proposed to plant."

The civil engineering seniors each averaged 95 hours in bringing their conceptual designs to fruition – close to 600 hours of work on each project, Rock noted. The remaining weeks of the semester will be devoted to assessing the feasibility of the projects, and bringing them in below a construction cost of \$12 million – no small feat considering some of the first designs of the student teams came in with price tags as high as \$17 million. The student engineers also will be considering what sources of funding could be available for such a facility as theirs, including student referendum or challenge grant.

"Unlike the beginning of the semester when students found it difficult getting started, they are better organized with deadlines and have a lot more confidence in what needs to be done," Rock said. "What I liked best about this class is they were really working on something everyone was taking seriously. They were given deadlines but what they had to deliver on those deadlines was up to them. This was one time the answers were not in the back of the book."

The seniors' last assignment is to make a final presentation to a mock board of University officials to try and convince members that their plan is the best design for the University of Maine. ▲

EAP OFFERS MANAGED CARE FOR OUT-PATIENT MENTAL HEALTH COUNSELING

EAP has received inquiries regarding precertification for mental health coverage. Our insurance policy requires covered participants who seek counseling services from a licensed provider be precertified by our managed care provider, Health Risk Management, which conducts the process through its ReviewPLUS service. However, this step can be eliminated if contact is first made with EAP. The System Office has authorized Polly Karris of EAP to provide managed care and approve out-patient mental health counseling services (not in-patient or substance abuse cases), thus eliminating contact with ReviewPLUS. In order to have EAP provide managed care services for out-patient mental health counseling, the following conditions must be met:

- ▼ The employee or family member has an in-person EAP session.
- ▼ Therapy is received from providers EAP identifies for your particular situation.
- ▼ The provider referred to completes EAP out-patient treatment form and returns it to EAP by the end of the third session.

Karris will then notify New York Life to provide coverage for out-patient mental health services. This process with EAP eliminates the requirement to call HRM's 800-number for precertification.

Contact EAP for more information or an appointment, x4014.



Center for Technology Transfer requests proposals for Research Collaboration Grants in the areas of materials and/or sensor technology. Proposed projects must involve substantive collaboration with a Maine firm or firms in the metal, materials, and/or electronic industry sectors. Deadline: May 19.

Fund for the Improvement of Postsecondary Education makes grants to disseminate proven reforms and innovations that have succeeded in addressing significant problems or improving educational opportunities at the postsecondary level. Average award: \$85,000 for a two year period. Deadline: May 25.

Agency for Health Care Policy and Research requests proposals to examine and describe the effects of current and recent changes in the markets for health care services. AHCPR will give priority to projects that take advantage of available date, promise early results, and are modest in scale. Deadline: June 20.

National Science Foundation's Program for Course and Curriculum Development supports projects designed to produce major changes and significant

improvements in undergraduate science, mathematics, engineering, and technology education beyond the recipient institution and that will produce materials usable by others. The emphasis is on introductory-level interdisciplinary courses, curricula, and laboratories. Projects addressing the needs of prospective teachers are particularly welcome. Deadline: June 5.

National Endowment for the Humanities supports the translation into English of primary sources or secondary works that provide insight into the history, literature, philosophy, and artistic achievements of other cultures and that make available the thought and learning of their civilizations. Range of awards: \$30,000–\$100,000. Cost-sharing is required. Deadline: July 1.

American Institute of Indian Studies awards Fellowships for Senior Scholarly Development to established US scholars who have not previously specialized in Indian studies, and have not worked or studied in India. Fellows spend up to nine months engaged in research at an Indian university. Deadline: July 1.

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

Nominations are Now Being Accepted for the STEVE GOULD AWARD

This Award, created for "a man of honest and passionate concern for others," is to be made to those persons or organizations who have by their conduct demonstrated superior qualities of unselfishness and compassion in the course of service to the University and its ideals. Students, employees and organizations serving the University community are eligible for this Award. A certificate and a cash award of \$500 will be presented by the President to the winner. Deadline for nominations is Thursday, April 20.

If you would like a nomination form or more information, contact:

- Faculty Senate, Jim Gilbert, 210 Nutting Hall
- PEAC, Nancy Lewis, Fogler Library
- US/CEAC, Sue Goodie, 117 Alumni Hall
- Teamsters Local #340, Rachel Seymour/Chris McEvoy, 8 Coburn
- COLT, Sue McLaughlin, 201 Fernald Hall
- Student Government, Ben Meikeljohn, Robinson Room, Union
- Office of the President, Cathy Bradbury, 200 Alumni Hall

PROJECT PLANNING AND PROPOSAL WRITING: A WORKSHOP

The Office of Research and Sponsored Programs will again offer its short course, Project Planning and Proposal Writing, in six sessions, beginning Monday, May 15, and continuing on Monday, Wednesday, and Friday mornings until May 26. Enrollment is open to non-student employees, but is limited to 15 participants. There is no fee.

The course is designed for those who have no prior successful experience of seeking support for research, teaching, public service, or other creative endeavors. Each participant will work on planning a project and writing a proposal for its extramural funding. Sessions are scheduled from 10 a.m.-noon. Participants are expected to commit approximately 25 hours of additional work to this effort, including collaborative endeavors with other participants, over the two-week period.

For more information and application instructions, call Sylvia Polchies, x1476. Registration closes April 28.

The Student Academic Conference Travel Fund for undergraduate students will hold its third 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 (209 Alumni Hall) by May 1. Money will be awarded for travel taking place May 2–Oct. 4. Applications can be obtained from Joan Day, Office of Academic Affairs, 209 Alumni Hall, x1547.

What's Ahead



**COMMENCEMENT
May 13**

Maine Perspective



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