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## Maine Perspective, v 4, i 9

Department of Public Affairs, University of Maine

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# Maine Perspective

A PUBLICATION  
FOR THE  
UNIVERSITY OF  
MAINE

VOL. 4, NO. 9  
OCTOBER 30, 1992



Photo by Monty Rand

## UM's World Famous Insect Collection Heads North

Hundreds of aphid insect specimens collected and cataloged at the University of Maine since 1905, mostly by the late internationally known entomologist Edith Patch, are being trucked across the border to Ottawa where they will be on loan to a national entomological museum.

The prize aphid collection - contained in 41 metal boxes weighing a total 1,600 pounds - will be curated and studied by Canadian entomologist Robert Footitt, an aphid specialist who is writing

a book about aphid species of the Maritime provinces. Footitt approached UM entomologists last summer when he learned of the Patch collection and of the close relationship between Maine and Maritime aphid species.

The loan agreement will benefit both Footitt's research and UM entomologists who will have a chance to share knowledge about the aphid, a pest that feeds on potato plants and many other important crops. UM will maintain a smaller but current research and education aphid collection.

The Patch collection includes more than a dozen log books with detailed handwritten notes on each specimen in the collection dating back to the early 1900s.

"I think Edith Patch would have welcomed the idea of the collection being so valued and used in this way under a mutually beneficial international agreement," said UM entomologist Elizabeth Gibbs, whose fascination with the pioneering work and life of Edith Patch led Gibbs to begin work on a biography of Patch.

Edith Marion Patch arrived at UM in 1903, working as an assistant without pay for a year. During that year, she equipped a laboratory, laid out a season of work, and worked out the life histories of some of Maine's most common insects.

*continued on page 9*

## Alumni Association Changes Name, Bylaws

A special meeting of the membership of the University of Maine Alumni Association on campus during Homecoming Weekend has resulted in a name change for the organization as well as bylaw and constitutional revisions, all in an effort to "make the Association more efficient and effective in its mission of supporting the University and its alumni."

"Our hope is that the changes will signify to the extended University community that the Alumni Association has updated itself organizationally to provide a higher level of service to the University and its graduates and friends," according to Max Burry, UM Class of '57, whose title of executive director has been changed to president. "It's really the final element of what we began some three and a half years ago in terms of developing a strategic plan to bring focus on the relationship between the University and its alumni."

*continued on page 9*

### In Perspective

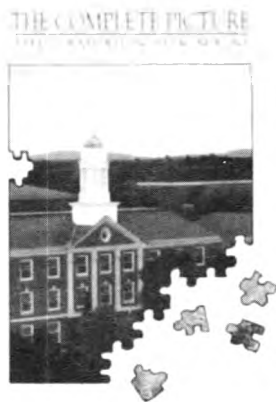
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**The University of Maine wishes to thank the following employees who were among the more than 945 who have contributed to the Family Phase of the Campaign for Maine. To date, employee giving has exceeded \$940,000.**

Current and former UM faculty and staff donors to the Campaign for Maine include:

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Five University of Maine faculty were invited to get an "inside look" at student life outside the classroom by spending a night in one of the East-West Campus residence halls. Students from Hancock, Hart, Gannett, Cumberland, Oxford, Somerset and Knox halls chose a faculty member to invite, and resident directors extended the invitations. Faculty spent the evening interacting with students in a variety of activities - from discussions about student-faculty relationships and rounds of "Alcohol Jeopardy" (an awareness-education game) to watching *The Little Mermaid*. All reported the next morning over breakfast that, while one night cannot give a complete picture of residential student life, it was an eye-opening experience that has benefits for both students and faculty. It is hoped that this first "faculty sleep-over" will be the start of an ongoing program to improve faculty-student relations. Sporting their "I Spent the Night in a Residence Hall in East-West Campus" T-shirts the morning after are, left to right, Walter Macdougall, assistant professor of education; David Batuski, assistant professor of physics; Ruth Nadelhaft, Honors Program director and professor of English; John Field, chair and professor of electrical engineering; and Leslie Flemming, dean of the College of Arts and Humanities and professor of foreign languages.

## LEAD: REDUCING THE RISKS November 19

Daylong conference on campus to provide general background knowledge on lead and its health risks and major sources, and assessment and remediation efforts. Concurrent sessions and discussions will provide specifics on lead-related issues.

### Highlights of the conference:

"Partnerships for Prevention: Reducing the Risk of Lead Poisoning," keynote address by Stephanie Pollack, Lead Poisoning Conservation Law Foundation, Boston  
"Health Effects and Treatment of Lead Exposure," Dr. John Farquhar Jr., Eastern Maine Medical Center

"Government Remediation Efforts," a panel discussion with Dr. Lani Graham, Maine Bureau of Health; Steven Zaysky and David Breau, both from the Maine Bureau of Health; John Jemison, University of Maine Cooperative Extension

"Practical Information to Reduce Exposure, and Available Resources," Lisa Belanger and Meredith Tipton, both of the City of Portland Public Health Division

### Concurrent Sessions:

"Reaching Maine's Children and Families"  
"Detection and Abatement of Lead in Maine Homes"  
"The New Lead Statute and Other Legal Rights and Remedies"  
"Pollution Prevention - Reducing the Amount of Lead in the Maine Environment"

Sponsored by the University of Maine Chemicals in the Environment Information Center, Cooperative Extension, Maine Toxicology Institute, Maine Bureau of Health, Maine Public Health Association, City of Portland, Public Health Division

For more information, call 581-2281.

## INFORMATIONAL PUBLICATION ON RADON

*Removing Radon from Water Using Aeration and Granular Activated Carbon*, a publication containing information about the health threats of radon and how to remove the radioactive gas, has been prepared by the University of Maine and is available to the public. The 12-page booklet, published in conjunction with the observance of Radon Action Week from Oct. 19-23, notes that radon gas occurs naturally in both public and private wells, and can cause lung cancer if inhaled and cancer in the digestive tract through drinking water. Radon also enters homes from other sources. The publication cites two methods of removing more than 90 percent of the radon from well water: aeration and granulated activated carbon. The U.S. Environmental Protection Agency suggests that public water suppliers should remove radon from their water if radon levels exceed 300 picocuries per liter. However, EPA has no authority over private wells. *Removing Radon from Water Using Aeration and Granular Activated Carbon* was written by Nicolas Houtman, natural resources communicator with the UM Water Resources Program, with assistance from Charles Hess, UM professor of physics, and Eugene Moreau and Robert Stilwell, Division of Health Engineering, Maine Department of Human Services. For information on obtaining a copy, call 581-1490.

## Maine Perspective

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University of  
**Maine**

# U Maine Calendar

NOVEMBER 2-16

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 type-written and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

## Last Minute Note

**Halloween Double Feature - Plan 9 From Outer Space, and Night of the Living Dead,** 7 p.m. and 9 p.m. respectively, part of the Celluloid Sunday series, Nov. 1, Ram's Horn. Admission (unless in costume). x4556 or x1840.

**Harold Alfond Sports Arena Dedication,** 2 p.m., Nov. 1. x3596.

## 2 Monday

**Blood Drive,** all day, Nov. 2, Lown Room, Union. x1734.

**Wildlife Seminar by Todd Fuller,** professor of wildlife management, University of Massachusetts, noon, Nov. 2, 204 Nutting Hall. x2862.

**Duck Soup,** a No Popcorn Cinema Presentation, noon, Nov. 2, Nutter Lounge, Union. x1731.

**"Network Gopher,"** a CAPS Brown Bag Session, noon-1 p.m., Nov. 2, CAPS. x3518.

**Sorceress,** a video dramatizing a true story of the conflict between a church inquisitor and a woman healer in 12th century France with introduction and discussion led by William TeBrake, a Women in the Curriculum program, 3:30 p.m., Nov. 2, Sutton Lounge, Union. x1228.

**NCR Corp./Finance & Administration group meeting,** coordinated by the Career Center, 7 p.m., Nov. 2, 100 Neville Hall. x1359.

**Betz PaperChem Inc. group meeting,** coordinated by the Career Center, 7 p.m., Nov. 2, 222 Jenness Hall. x1359.

## 3 Tuesday

**Full-time Employment Interviews** with NCR Corp./Finance & Administration, field administrative analyst positions, coordinated by the Career Center, all day, Nov. 3, Chadbourne Hall. x1359.

**Full-time Employment Interviews** with Betz PaperChem Inc., technical sales/service representative and product specialist-engineer positions, coordinated by the Career Center, all day, Nov. 3, Chadbourne Hall. x1359.

**"Excel 3.0 Database Functions,"** MAC training for faculty, students and staff, 8-9 a.m., Nov. 3, 124 Barrows Hall. Registration. x2500.

**Do-it-Yourself Database Searching Workshop** for humanities and social sciences faculty, staff and students, 9-10:30 a.m., Nov. 3, Fogler Library Conference Room. x1674.

**"Preventing Employee Lawsuits: How to Protect Yourself and Your Company Through Communication and Documentation,"** a Management Programs seminar by Shellie Batuski, attorney, 9 a.m.-4 p.m., Nov. 3, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

## GRADUATE AND PROFESSIONAL SCHOOL FAIR

Sponsored by the Career Center  
**11 a.m.-2 p.m., Nov. 3**  
**Bangor Lounges and Lown Rooms, Union**

Featuring more than 33 representatives from a variety of programs.  
For more information, call 581-1359

**Graduate and Professional School Fair,** coordinated by the Career Center, 11 a.m.-2 p.m. Nov. 3, Union. x1359.

**"The Witches of Eastwick ... Not! A Story of Witches in Maine,"** a presentation by Judith Monroe, author, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Nov. 3, Sutton Lounge, Union.

**UNUM Corp. Open House** for graduating seniors interested in opportunities with UNUM and undergraduates interested in summer internships, coordinated by the Career Center, 6-8 p.m., Nov. 3, Mahogany Room, Wells Commons. x1359.

## 4 Wednesday

**Full-time Employment Interviews** with Berry, Dunn, McNeil & Parker, CPAs, professional accounting staff positions, coordinated by the Career Center, all day, Nov. 4, Chadbourne Hall. x1359.

**Full-time Employment Interviews** with S.D. Warren Co./Division of Scott Paper, engineer apprentice positions, coordinated by the Career Center, all day, Nov. 4, Chadbourne Hall. x1359.

**"Novice Pagemaker 4.01,"** CIT's MAC training for faculty, students and staff, 8-9 a.m., Nov. 4, 124 Barrows Hall. Registration. x2500.

**"Lotus WYSIWYG Features,"** CIT's DOS software training for students, 9-10 a.m., Nov. 4, 255 Stevens Hall. x2500.

**"Lotus Macros 1,"** CIT's DOS software training for students, 10-11 a.m., Nov. 4, 255 Stevens Hall. x2500.

**Memorial Union Food Fair,** 10 a.m.-3 p.m., Nov. 4, Lown Room, Union. x1816.

**"WP5.1 Desktop Publishing 2,"** CIT's DOS software training for students, 11 a.m.-noon, Nov. 4, 255 Stevens Hall. x2500.

**The Manchurian Candidate,** a No Popcorn Cinema Presentation, noon, Nov. 4, Nutter Lounge, Union. x1734.

**Modern Brides,** part of From Cradle to Grave: Rites of Passage, the Hudson Museum film and discussion series, 12:10 p.m. and 4:30 p.m., with scholarly presentation/discussion by Cynthia Mahmood after second showing, Nov. 4, Bodwell Dining Area, Maine Center for the Arts. x1901.

**"Franco-Americans and the Politics of History,"** by Edward Schriver, part of the Breaking the Silence series, 3:15 p.m., Nov. 4, Sutton Lounge, Union. x3775.

**"The Pleasure Periphery in the Gilded Age: The Making of Bar Harbor, Maine,"** by Stephen Hornsby, part of the History Symposium Series, 3:15 p.m., Nov. 4, Honors Center.

**"Monetary Business Cycle Theory, Capital Complementary, and the Persistence of Producer Durables,"** by Michael Montgomery, part of the Economics Department Fall Seminar Series, 3:30-5 p.m., Nov. 4, 35 North Stevens Hall. x1850.

## 5 Thursday

**Full-time Employment Interviews** with Grossman's Inc., retail store management trainee positions, coordinated by the Career Center, all day, Nov. 5, Chadbourne Hall. x1359.

**Full-time Employment Interviews** with Babcock & Wilcox Co., design/analysis positions: thermal analysis, design, environmental system positions, coordinated by the Career Center, all day, Nov. 5, Chadbourne Hall. x1359.

**"Formatting Word 5.0 Documents,"** CIT's MAC training for faculty, students and staff, 8-9 a.m., Nov. 5, 124 Barrows Hall. Registration. x2500.

**"Lotus WYSIWYG Features,"** CIT's DOS software training for faculty and staff, 8-9 a.m., Nov. 5, 255 Stevens Hall. Registration. x2500.

**"An Introduction to and Overview of Total Quality Management: An Exploration of the Leaders and Principles of the Movement,"** a Management Programs seminar by Dr. Mark Jackson, 9 a.m.-4 p.m., Nov. 5, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

**"Lotus Macros 1,"** CIT's DOS software training for faculty and staff, 9:30-10:30 a.m., Nov. 5, 255 Stevens Hall. Registration. x2500.

**"WP5.1 Desktop Publishing 2,"** CIT's DOS software training for faculty and staff, 11 a.m.-noon, Nov. 5, 255 Stevens Hall. Registration. x2500.

**"The Republicans, Free Trade and You,"** by Robert Prasch, part of the Socialist and Marxist Studies Luncheon Series, 12:20-1:30 p.m., Nov. 5, Bangor Lounge, Union. x3861.

**"A Triad Approach to Land Use Allocation,"** by Mac Hunter, part of the Natural Resources Program Brown Bag Seminar Series, 12:30 p.m., Nov. 5, Winslow Hall Conference Room. x3228.

**"Relativity,"** an Honors 201 lecture by Charles Tarr, 3:10 p.m., Nov. 5, 100 Neville Hall. x3264.

**Boise Cascade Corp./White Paper Division group meeting,** coordinated by the Career Center, 7 p.m. Nov. 5, Lown Rooms, Union.

# Ongoing Events

**"Supporting and Supervising the Teaching of Our Graduate Assistants,"** a presentation by Karen Boucias and graduate assistants, part of the Risky Business Seminar Series, 12:15-1:30 p.m., Oct. 30 and Nov. 6, Thomson Honors Center Library. x3264.

**"Edmund Schildknecht: Small Towns,"** a University of Maine Museum of Art Exhibit, through Nov. 4, Graphics Gallery, Union. x3255.

**"Catherine Murray: Recent Work,"** a University of Maine Museum of Art exhibit, through Nov. 6, Carnegie Hall. x3255.

**"The Paintings of Bernie Beckman,"** a University of Maine Museum of Art Exhibit, Nov. 9-Dec. 4, Hole in the Wall Gallery, Union. x3255.

**"The Sixties: The Art of the Album Cover,"** a University of Maine Museum of Art Exhibit, Nov. 10-Dec. 14, Graphics Gallery, Union. x3255.

**"How to Maximize Customer Service,"** a Certificate in Management Course by Liz Ashe, training director, Affiliated Healthcare Systems of Bangor, 6-9 p.m., Nov. 12, Nov. 19, Dec. 3-17, 130 Barrows Hall. Admission. x3361.

**"Credit and Financial Analysis,"** a Management Programs Course by Bettie Jean Taylor, principal, BJT Properties, Nov. 13-14, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

**Comics** from a novel by Lorraine St. Pierre, adapted for the stage and directed by Eric Peterson, a Pavilion Theatre production, 8 p.m. Nov. 12-14, 2 p.m. Nov. 15. Admission. x1963.

**"Remnants of Our Lives,"** a Hudson Museum exhibit, through Nov. 15. x1901.

**"Imagination/Image Creation,"** a Hudson Museum exhibit of Native American dolls, Nov. 16-March 30. x1901.

**"20 Questions,"** a University of Maine Museum of Art exhibit, through Nov. 19, Hauck Gallery, Union. x3255.

**"1992-1993 Art Department Faculty Exhibition,"** a University of Maine Museum of Art Exhibit, Nov. 19-Dec. 18, Carnegie Hall. x3255.

**"The Sky Tonight,"** an opportunity to explore the fall skies, offered by the University of Maine Planetarium, 7 p.m., Fridays, through Nov. 20. Admission. x1341.

## CULTUREFEST '92

### UM's World Fair

Nov. 7, Union

All Day - Exhibits, Food, Crafts

10 a.m. Opening Ceremony  
10:30 a.m.-2:30 p.m. Talent Show  
2:30 p.m. Style Show

For more information, call the Office of International Programs, 581-2905.

**"Recruitment and Employment,"** a Management Programs Course by Margaret Beckman, personnel manager, Training and Development Corp., 9 a.m.-4 p.m., Nov. 20-21, Wells Commons Lounge. Admission. x3361.

**"Tracey White: Introspection,"** a University of Maine Museum of Art exhibit, through Nov. 27, Peabody Lounge, Union. x3255.

**"Maine and Beyond: The Paintings of Retired UM Faculty Member Richard McCrum,"** a University of Maine Museum of Art exhibit, through Dec. 31, Oakes Room, Fogler Library. x3255.

**Wilson Center open for coffee/quiet meetings,** 8 a.m.-9 p.m. daily, 67 College Ave. 866-4227.

**Study Abroad Resource Room,** open daily 9 a.m.-noon, 2-4 p.m., 319 Maples. x2905.

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

**Wilson Center worship and celebration,** followed by light supper, every Sunday, 5 p.m., 67 College Ave. 866-4227.

**University of Maine Anthropology Club Meeting,** every Monday, 7 p.m., FFA Room, Union. x1894.

**Oratorio Society Choral Meeting,** every Monday, 7-9 p.m., 217 Lord Hall. x1245.

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

**International Folk Dance Club** meets every Monday, 7-9 p.m., Lown Rooms, Union. x4194.

**Faculty-Staff Recreational Basketball,** every Tuesday and Thursday, 11:30 a.m.-1:30 p.m., Memorial Gym. All ages, men and women welcome. x3924.

**General Student Senate** meets every Tuesday, 6 p.m., 100 Neville Hall. x1775.

**Environmental Theatre** every Tuesday, 7 p.m., 101 Neville Hall. x3300.

**Yoga and meditation at the Wilson Center,** every Tuesday, 7:30-8:15 a.m., 67 College Ave. 866-4227.

**Sharing Circle for Healing Racism,** offered by the Baha'i Club, every Wednesday, 11 a.m., 1912 Room, Union.

**Franco-American Women Group** meets every Wednesday, 5 p.m., Franco-American Centre, 126 College Ave. Bring dish to pass for potluck supper. x3775.

**Maine Peace Action Committee** meets every Thursday, 4 p.m., 10 Maples. x3861.

**"A Taste of Home,"** home-cooked meal prepared by local church members. Wilson Center, every Thursday, 5:30 p.m., 67 College Ave. \$1 donation. 866-4227.

**Reflection and Action Group at the Wilson Center,** every Thursday, 6-7 p.m., 67 College Ave. 866-4227.

**Canterbury House (Episcopal) Midweek Eucharist and Discussion Period,** every Thursday, 7 p.m., 2 Chapel Road. 866-3006 or 866-5694.

**Coffee House** - Film followed by music, every Thursday, 7 p.m., Ram's Horn. x4556 or x1840.

**"Thursday Night at the Bear's Den"** every Thursday, 8 p.m.

**Muslim Prayer,** every Friday, noon-2 p.m., Drummond Chapel. x2790.

**"TGIF" Music,** every Friday, 12:15 p.m., Bangor Lounge, Union. x1734.

**International Students' Coffee Hour** every Friday, 4 p.m., Bangor Lounge, Union. x2905.

## INTERNSHIP & SUMMER JOB SEARCH STRATEGIES WORKSHOP

Nov. 16, 3 p.m.,

Bangor Lounge

Nov. 19, 3:30 p.m.,

Sutton Lounge

Offered by the Career Center and Office of Student Employment. To sign up, come by the Office of Student Employment or call 581-1349.

**Duck Soup,** a No Popcorn Cinema Presentation, 7 p.m., Nov. 5, Nutter Lounge, Union. x1734.

**A Performance by the Shanghai Acrobats and Dance Theatre,** part of the Maine Center for the Arts performance series, 7 p.m., Nov. 5, Hutchins Concert Hall. Admission. x1755.

**Eupora Eupora,** part of the Not at the Mall Film Series about contemporary social issues, 7 p.m. and 9:30 p.m., Nov. 5, Hauck Auditorium. Admission. x1417.

## 6 Friday

**Cooperative Education Interviews** with Boise Cascade Corp. chemical, mechanical, and electrical engineer positions, coordinated by the Career Center, all day, Nov. 6, Jenness Hall. x1359.

**"Understanding Maine's Workers' Compensation Laws: Understand the Benefits/Costs Associated with the Workers' Compensation System,"** a Management Programs seminar by Martha Broderick, attorney, Broderick & Broderick, 9 a.m.-4 p.m., Nov. 6, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

**Do-It-Yourself Database Searching Workshop** for science and engineering faculty, staff and students 10-11 a.m., Nov. 6, Science and Engineering Center, Fogler Library. Registration. x1678.

**"Tropical Forest Management: The Yanasha Forestry Cooperative in the Peruvian Amazon,"** a Conservation Biology Seminar by Gary Hartshorn, World Wildlife Fund, noon, Nov. 6, 204 Nutting Hall. x2831.

**"Beyond Hotspots: Analyses of Conservation Threats/Potentials in Tropical Asia,"** a Conservation Biology Seminar by Gary Hartshorn, World Wildlife Fund, 3 p.m., Nov. 6, 101C Deering Hall. x2831.

**"A Functional Approach to Ecomorphological Relationships in Fishes,"** a Migratory Fish Research Institute Seminar by Steve Norton, 3:10 p.m., Nov. 6, 102 Murray Hall. x2563.

**The Manchurian Candidate,** a No Popcorn Cinema Presentation, 7 p.m., Nov. 6, Nutter Lounge, Union. x1734.

## 7 Saturday

**Culturefest '92** - University of Maine World Fair, all day, Nov. 7, Union. x2905.

**Movie: Lethal Weapon 3,** 6:30 p.m. and 9 p.m., Nov. 7, Hauck Auditorium. Admission. x1734.

**Faculty Recital** featuring Diane Harrington Roscetti and guest artists Lillian Garwood, Susan Heath, Richard Jacobs, John Mathews, Bernie Roscetti and Anatole Wieck, 8 p.m., Nov. 7, Lord Recital Hall. x1240.

**Andes Manta in Concert**, part of the Maine Center for the Arts performance series, 8 p.m., Nov. 7, Hutchins Concert Hall. Admission. x1755. Free pre-concert lecture by David Klocko, 7 p.m., Bodwell Dining Area.

## 8 Sunday

**Phi Kappa Sigma Fraternity's First Annual Men's 3 on 3 Basketball Invitational** to benefit the Leukemia Society, 9 a.m.-5 p.m., Nov. 8, Field House. x4164 or 866-3912.

**The 5000 Fingers of Dr. T.**, 7 p.m., Nov. 8, part of the Celluloid Sunday series, Ram's Horn. Admission. x4556 or x1840.

## 9 Monday

**Full-time Employment Interviews** with American Frozen Foods Inc., sales/management trainee positions, coordinated by the Career Center, all day, Nov. 9, Chadbourne Hall. x1359.

**Blazing Saddles**, a No Popcorn Cinema Presentation, noon, Nov. 9, Nutter Lounge, Union. x1734.

**Wildlife Seminar by George Matula**, supervisor of the Wildlife Resource Assessment Group, Maine Department of Inland Fisheries and Wildlife, noon, Nov. 9, 204 Nutting Hall. x2862.

**Do-it-Yourself Database Searching Workshop** for science and engineering faculty, staff and students 2-3 p.m., Nov. 9, Science and Engineering Center, Fogler Library. Registration. x1678.

**"Math, Science and the Human Image,"** by James Gallagher, a Department of Sociology Colloquium, 3:15-5 p.m., North Bangor Lounge, Union. x2380.

**"Paleoclimate Research: Some Problems, Strategies, and Computing Opportunities,"** by Michael Prentice, part of the Computer Science Department Seminar Series, 4:10-5 p.m., Nov. 9, 227 Neville Hall. x3941.

## 10 Tuesday

**Full-time Employment Interviews** with Haverlock, Estey & Curran, entry-level staff accountant positions, coordinated by the Career Center, all day, Nov. 10, Chadbourne Hall. x1359.

**Full-time Employment Interviews** with Hercules Inc., technical sales representative positions, coordinated by the Career Center, all day, Nov. 10, Chadbourne Hall. x1359.

**Full-time Employment Interviews** with Sears Roebuck & Co., management trainee positions, coordinated by the Career Center, all day, Nov. 10, Chadbourne Hall. x1359.

**"Excel 3.0 Functions and Formulas,"** CIT's MAC training for faculty, students

and staff, 8-9 a.m., Nov. 10, 124 Barrows Hall. Registration. x2500.

**"Coaching and Counseling Skills: Helping Employees Achieve Their Highest Potential,"** a Management Programs seminar by Liane Hamrick, 9 a.m.-4 p.m., Nov. 10, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

**"A Vindication of the Rights of Women: Where Are We 200 Years Later?"** a panel presentation moderated by Janet TeBrake, with panelists Susan Kominsky, attorney; Susan Longley, Unity College professor and attorney; state Sen. Dale McCormick, executive director of Women Unlimited; Mary McPherson, executive director and lobbyist, Maine Women's Lobby; and Pat Stevens, attorney and retired state legislator, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Nov. 10, Bangor Lounge, Union. x1228.

**Fleet Bank of Maine Group Meeting**, coordinated by the Career Center, 7 p.m., Nov. 10, Sutton Lounge, Union. x1359.

## 11 Wednesday

**"Word 5.0 Math and Graphics,"** CIT's MAC training for faculty, students and staff, 8-9 a.m., Nov. 11, 124 Barrows Hall. Registration. x2500.

**"WP5.1 Database Functions,"** CIT's DOS software training for faculty and staff, 9-10 a.m., Nov. 11, 255 Stevens Hall. Registration. x2500.

**"WP5.1 Desktop Publishing 2,"** CIT's DOS software training for faculty and staff, 10-11 a.m., Nov. 11, 255 Stevens Hall. Registration. x2500.

**"Lotus WYSIWYG Features,"** CIT's DOS software training for faculty and staff, 11 a.m.-noon, Nov. 11, 255 Stevens Hall. Registration. x2500.

**I'm Gonna Git You Sucka**, a No Popcorn Cinema Presentation, noon, Nov. 11, Nutter Lounge, Union. x1734.

**Film: Songs of Wool: Vena Tipton's Hooked Rugs**, part of the Remnants of Our Lives series by the Maine Folklife Center and Hudson Museum, noon, Nov. 11, Bodwell Dining Area, Maine Center for the Arts. x1901.

**Orono Chapter of ACSUM open meeting**, 12:15 p.m., Nov. 11, 1912 Room, Union. x2681.

**"Finance and Financial Problems of the 1980's,"** by Robert Prasch, part of the Economics Department Fall Seminar Series, 3:30-5 p.m., Nov. 11, 35 North Stevens Hall. x1850.

**"How Do We Think and Build at the End of History?"** by David Kolb, Department of Philosophy and Religion, Bates College, part of the Philosophy Colloquium Series, 4 p.m., Nov. 11, Levinson Room, Maples. x3865.

**Summer Job and Career Opportunities** for wildlife management majors and

majors in related disciplines, a presentation by Tom Hodgman, offered by the Maine Student Chapter of the Wildlife Society, 6-8 p.m., Nov. 11, 102 Nutting Hall. x2864.

## 12 Thursday

**Full-time Employment Interviews** with Nalco Chemical Co., applications engineer leading to sales engineer positions, coordinated by the Career Center, all day, Nov. 12, Chadbourne Hall. x1359.

**Full-time Employment Interviews** with Radio Shack/Div. of Tandy Corp. sales manager Trainee positions, coordinated by the Career Center, all day, Nov. 12, Chadbourne Hall. x1359.

**"Excel 3.0 Graphing,"** CIT's MAC training for faculty, students and staff, 8-9 a.m., Nov. 12, 124 Barrows Hall. Registration. x2500.

**"WP5.1 Database Functions,"** CIT's DOS software training for students, 8-9 a.m., Nov. 12, 255 Stevens Hall. x2500.

**CIT's DOS software training** for students, 9:30-10:30 a.m., Nov. 12, 255 Stevens Hall. x2500.

**"Lotus WYSIWYG Features,"** CIT's DOS software training for students, 11 a.m.-noon, Nov. 12, 255 Stevens Hall. x2500.

**"How the University Is Run: The Corporate Model?"** panel discussion with Howard Segal, Kristina Passman, Virginia Walsh, James Horan and Rolf Tallberg, UniServ director, part of the Socialist and Marxist Studies Luncheon Series, 12:20-1:30 p.m., Nov. 12, Bangor Lounge, Union. x3861.

**"Content of Maine Solid Waste Stream,"** by George Criner, part of the Natural Resources Program Brown Bag Seminar Series, 12:30 p.m., Nov. 12, Winslow Hall Conference Room. x3228.

**"Relativity and Black Holes,"** an Honors 201 lecture by Jeffrey Melmed, 3:10 p.m., Nov. 12, 100 Neville Hall. x3264.

**Blazing Saddles**, a No Popcorn Cinema Presentation, 7 p.m., Nov. 12, Nutter Lounge, Union. x1734.

**Information session** on Master of Social Work program for prospective students, 4:50 p.m., Nov. 12, School of Social Work, 104 Annex C. Attendance confirmation requested. x2389.

**International Paper Co. Group Meeting**, coordinated by the Career Center, 7 p.m., Nov. 12, Lown Rooms, Union. x1359.

**20th Century Music Ensemble Performance**, 7 p.m., Nov. 12, Hutchins Concert Hall. x1240.

**American Dream**, part of the Not at the Mall Film Series about contemporary social issues, 7 p.m. and 9:30 p.m., Nov. 12, Hauck Auditorium. Admission. x1417.

## 13 Friday

**Full-time Employment Interviews** with International Paper Co., project engineer and forester positions, coordinated by the Career Center, all day, Nov. 13, Chadbourne Hall. x1359.

**"The Early Response of Balsam Fir to Precommercial Thinning in Maine,"** by Joseph Pitcherale, part of the Forestry Noon-time Seminar Series, noon, Nov. 13, 204 Nutting Hall. x2831.

**"Resistance to Gender Issues in the Curriculum: Likely and Unlikely Sources,"** a presentation by Ann Schonberger, part of the Risky Business Seminar Series, 12:15-1:30 p.m., Nov. 13, Thomson Honors Center Library. x3264.

**I'm Gonna Git You Sucka**, a No Popcorn Cinema Presentation, 7 p.m., Nov. 13, Nutter Lounge, Union. x1734.

**Ice Hockey vs. Merrimack**, 7 p.m., Nov. 13. Admission. xBEAR.

## 14 Saturday

**"Native Americans and Music,"** a presentation by a Nipmuc flute maker named Hawk, part of the Hudson Museum's Just for Kids series, 10 a.m., Nov. 14, Maine Center for the Arts. Registration. x1901.

**Movie: The Player**, 6:30 p.m. and 9:15 p.m., Nov. 14, Hauck Auditorium. Admission. x1734.

**Ice Hockey vs. Merrimack**, 7 p.m., Nov. 14. Admission. xBEAR.

**Music and Political Satire by Mark Russell**, part of the Maine Center for the Arts performance series, 8 p.m., Nov. 14, Hutchins Concert Hall. Admission. x1755.

## 15 Sunday

**University Singers in Concert**, 3 p.m., Nov. 15, Hutchins Concert Hall. x1240.

**Junior Recital by Camille Curtis**, 7 p.m., Nov. 15, 120 Lord Hall. x1240.

**Delicatessen**, 7 p.m., Nov. 15, part of the Celluloid Sunday series, Ram's Horn. Admission. x4556 or x1840.

## 16 Monday

**Flight of the Navigator**, a No Popcorn Cinema Presentation, noon, Nov. 16, Nutter Lounge, Union. x1734.

**"Conservation of Amphibians and Reptiles in New England,"** by Tom Tynning, Massachusetts Audubon Society, part of the Wildlife Seminar Series and the Conservation Biology Seminar Series, noon, Nov. 16, 204 Nutting Hall. x2862.



# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## Underwater Pockmarks

The thousands of underwater pockmarks, or crater-like depressions in the floor of the sea - some the size of a high school football stadium - identified by University of Maine marine geologists in Penobscot Bay were probably formed by an earthquake that released a large quantity of natural gas, researchers say.

Once the depressions were formed, continued release of gas generated by bacterial breakdown of plant and animal remains in the marine mud could have enlarged the pockmarks, the researchers theorize.

Using side-scanning sonar, instrumentation that can take "acoustic" pictures of the seafloor much like aerial photographs, the researchers observed thousands of pockmarks, or seafloor depressions, filling a 23-mile area in Penobscot Bay near Belfast.

The findings of Joseph Kelley, state marine geologist for the Maine Geological Survey and adjunct professor of geological sciences at UM, and Daniel Belknap, UM associate professor of geological sciences and marine studies, were presented recently at the annual meeting of the Geological Society of America in Cincinnati.

Earthquakes are known to release underground water and sand as small, geyser-like sand volcanoes. The disturbance of sandy layers of soil is used by geologists to establish the location and time of past earthquakes in regions known for seismicity, Kelley says.

The new findings, he says, are evidence that similar features may form underwater when natural gas is released from muddy seafloors.

## Revolutionized Gas-sensing Technology

A revolutionary sensing technology that may one day be used to monitor air quality in paper mills or offer speedy medical diagnoses, developed by an interdisciplinary team of researchers at the University of Maine, recently took top honors at an international conference in Tokyo.

The internationally acclaimed research, funded by the National Science Foundation for the last decade, has revolutionized gas-sensing technology making it possible to detect poisonous gases down to the parts-per-billion level. Working in UM's Laboratory for Surface Science and Technology, the research team has developed a prototype acoustic wave detector - a sensitive scientific instrument about the size of a microscope slide - that relies on ultrasonic waves to detect a variety of materials.

Most acoustic wave detectors have a millimeter-thick substrate - often a crystal such as lithium niobate - with tiny electrodes attached that emit acoustic waves at frequencies not detectable by human ears.

Normally, wave characteristics such as frequency, amplitude and velocity would remain constant as the electrode-generated sound waves traveled from one end of the substrate to another. But the UM research team, led by John Vetelino, professor of electrical engineering, coats the crystal's surface with a material that will interact with whatever their sensor is designed to detect.

The relatively simple acoustic wave devices work quickly and could cost as little as \$30 to \$40 apiece commercially. The UM researchers, including three graduate students, are developing similar detectors whose substrates are coated with biological materials. The detectors show great promise for on-the-spot, accurate medical diagnosis of such viruses as AIDS, hepatitis, herpes and others, Vetelino says.

*Compiled by Science News Writer Anne Degan*

## ANNOUNCING THE STEVE GRADY CREATIVE WRITING COMPETITION

### Prizes in Journalism

News

Feature

Opinion

### Prizes in English

Poetry

Fiction

**Deadline: Nov. 30**

For details, contact the Department of Journalism and Mass Communication, 107 Lord Hall, or the English Department, 304 Neville Hall

The Steve Grady Creative Writing Competition is made possible by the Steve Grady Perpetual Memorial Endowment Fund for Creative Writers, established in 1973 by Roy J. Gavin, then vice president of 3M Co., St. Paul, Minn., and UM Class of '34. Steve Grady of Belfast was also a member of the UM Class of '34.



Sheets covered with handprints, each representing a \$1 donation to the United Way, will be arrayed around the Mall in the Hands Across the Campus project, sponsored by a consortium of sororities and fraternities. The Greek organizations are seeking the cooperation of 43 campus groups to raise at least \$1,000 for the University of Maine's annual United Way fund drive. Members of the participating groups were asked to pay \$1 to place a handprint and signature on the sheets. Students, left to right, Shanie Bartlett of Newport, Holly Strahan of Winslow, Steve Smith of Whitefield, Wendy Pieschke of Orrington, Jennifer Cochrane, who lives in Orono, and Chandra Lull of Brunswick were among the first to leave their "marks."

# From the Colleges

## College of Sciences

▼ College faculty published 133 peer-reviewed journal articles, 19 peer-reviewed conference proceedings, 25 book chapters, four books, and 150 other publications during calendar-year 1991.

▼ The following faculty have joined the College of Sciences since the beginning of the last academic year: Robert Gundersen, assistant professor, Department of Biochemistry, Microbiology & Molecular Biology, and Brenda Speer, assistant professor, Department of Biochemistry, Microbiology and Molecular Biology.

▼ The Department of Physics and Astronomy and the University of Maine hosted the 1992 National Summer Meeting of the American Association of Physics Teachers, Aug. 10-15. Nearly 1,300 AAPT members spent a week on campus attending tutorials, technical papers, lecture demonstration workshops, a laboratory apparatus competition, cracker-barrel discussions, and business meetings. The meeting program outline of titles, authors and abstracts covered 96 pages in the *AAPT Announcer Magazine*. Several simultaneous daily sessions were necessary to cover the entire program. Highlights of the week's events included sessions on learning physics from interactive video curriculum materials, women in astronomy, computers in physics, undergraduate research opportunities, industrial-educational partnerships, a picnic, a very active publishers and teaching equipment manufacturers show, and a closing banquet with guest speaker John King of MIT holding forth with wit, charm, and several impressive lecture administrations. The AAPT headquarters reports that the Orono meeting set records for overall attendance.

## Business Administration

▼ Virginia Gibson, associate professor of MIS, and Robert Strong, professor of finance, received national honors for their Financial Decision Support Systems Laboratory which was established in 1990 with a half million dollar grant from AT&T. In October 1991 the lab was selected as one of the hundred best instructional technologies in U.S. colleges and universities in the Joe Wyatt Challenge sponsored by EDUCOM, a consortium of higher education institutions that promote information resources in teaching and research. Additionally, in November 1991 the project was selected as one of the four finalists in the National Instructional Innovation Competition sponsored by the Decision Sciences Institute.

## College of Education

▼ Frank Newman, president of the Education Commission of the States, was on campus Oct. 19 under the auspices of the Mark R. Shibles Distinguished Visiting Professorship. Newman, a former president of the University of Rhode Island, brought to UM his broad perspective on school restructuring efforts nationwide, a perspective gained from his leadership role at the Education Commission of the States. The ECS is supported by and works directly with the nation's governors and state legislatures on issues pertaining to education policy. One of its current endeavors is a partnership with Ted Sizer's Coalition for Essential Schools. Sizer currently holds the Shibles Distinguished Visiting Professorship in the College of Education.

Newman met with a variety of groups on campus including a team of education faculty members who have been working through the Aspirations Project with four rural school districts in their restructuring efforts, a committee of faculty working on the restructuring of teacher preparation programs within the College of Education, and the Dean's Council, vice presidents and President Hutchinson. He finished the day here by addressing an invited group of educational leaders in the region.

## College of Applied Sciences and Agriculture

▼ Arti Arora, a graduate with an MS in food science, was named recipient of a travel grant from the nutrition division of the American Association of Cereal Chemists. The award was granted for her research on potato peel baking.

▼ Stacie Christen, a senior majoring in animal science and elementary education, is one of the seven candidates for the 1992 Young Farmer Achievement Award. The award recognizes excellence in farm management, Farm Bureau leadership and leadership in other organizations. Two former UM students, Robert Boothby and Jennifer Grant, are also candidates for this award. Winners will be announced at the Farm Bureau annual meeting Nov. 8.

▼ Steven Woods is joining the faculty of the College as an assistant professor of entomology, specializing in forest entomology. Woods received his Ph.D. from the University of Massachusetts in 1989.

## Arts and Humanities

▼ Associate Dean Paula Petrik, Fulbright Program advisor, has received six applications from students hoping to be awarded a Fulbright Grant for Graduate Study Abroad, and one application from a student applying for a British Marshall Scholarship.

▼ The integrated science, social science and humanities course - INT 291-Ages of Discovery, had art students contribute work reflecting the theme of the course. The works of art will be exhibited in Fogler Library in January.

▼ Margaret Lukens, assistant professor of English, is putting together a multicultural literature course and Kathleen March, associate professor of Spanish, is working on introducing a Penobscot language course.

*Yankee Woodlot* and *Great American Woodlots* are two television series now airing on Channel 26, the PLUS station in southern Maine. *Yankee Woodlot*, a 10-part series produced as a do-it-yourself tutorial for woodlot management, can be seen at 8:30 p.m. every Monday throughout November. *Great American Woodlots*, a 13-part magazine-format series featuring woodlands from throughout the United States, can be seen at 9 a.m. every Monday throughout November and into December. Program guides for both series are available in 103 Nutting Hall. Copies of an accompanying brochure: "Yankee Woodlot Operational Plan," and video copies of the series segments are also available in 103 Nutting Hall or by contacting Bud Blumenstock, x2890. *Yankee Woodlot* and *Great American Woodlots* were produced by University of Maine Cooperative Extension and MPBC. Thousands of video copies of the series have been distributed throughout the U.S. and Canada.



# Serious About Clowning Around



Linda Lansing-Smith

Photos by Monty Rand



Being a clown is much more than making people laugh - it's an artform which takes many years to master. Linda Lansing-Smith, a graduate student in theater at Maine, has studied the clown, and finds it a demanding form of acting.

"The clown is very, very honest," said Lansing-Smith. "One effectively begins with herself, internally. The clown responds instantaneously, in emotional ways, and I'd never experienced such a liberating feeling."

Lansing-Smith spent six weeks in Czechoslovakia this summer studying the art of clowning under famous European mime and clown, Ctibor Turba. She organized the workshop so that Americans would

have the opportunity to learn the European tradition of the clown with Turba. She was one of 13 Americans to attend.

The European version of the clown is quite different from the American version, stresses Lansing-Smith.

"In the U.S., the clown is typically taught as part of circus training, and the focus is going to be circus skills," said Lansing-Smith. "For the Europeans, clowning for the stage has been encouraged more. In America, when we talk about the clown, we think of Bozo. Everything is huge, with bright colors and shoes. The costume is emphasized so much that you almost get a 'cookie cutter' approach - they are all alike."

The costumes in the United States and in Europe vary greatly. Lansing-Smith feels that the costume is overemphasized for the circus clown here, whereas in Europe, the costume is an extension of one's own style.

In fact, in Europe many clowns abandon the traditional white face that stems from the mime, and many do not even wear makeup at all. The costumes are not as large, and are usually just clashing, out-of-style elements found at any used clothes store.

"With the clown, you begin with yourself. Each clown is very

individualistic," said Lansing-Smith. "The costume is part of you, from your character. I picked elements that felt joyful and playful together."

Lansing-Smith first studied the clown at a workshop in Seattle, where she was doing her undergraduate work at the University of Washington. She saw a flyer for the course which intrigued her. The flyer described clowning as "getting in touch with one's humanity, vulnerability, and struggle in life."

After that initial class, Lansing-Smith studied the clown in Paris with Philippe Gaulier. She also attended the International Clown Congress in Philadelphia in the summer of 1991, and at a pre-conference workshop there she met Ctibor Turba. Turba invited her to study at his school in Czechoslovakia, and the idea for planning a six-week workshop on clowning took root.

Lansing-Smith describes Turba as a "clown philosopher," who teaches the history of the clown along with technique. In the classes, the Americans were taught acrobatics as well as classic clown gags, many which had to do with the clowns' naivete and curiosity.

"The clown has a world view which is very different. He or she is naive and vulnerable, and you have to let drop a lot of your intellectualism," said Lansing-Smith.

"My clown, named Yola, is a very spontaneous personality - naive, vulnerable, sometimes headstrong, loves the public, is flirtatious sometimes and is impulsive, bursting into song on occasion. Essentially what drives her is the need to be with the public, and that's me, the actor, wanting to share myself. Yola's persona essentially is me. I want to give myself."

Lansing-Smith plans to go back to Czechoslovakia next summer for master classes with Turba, and they will also be creating an original piece to tour in two Czech cities, and then parts of the U.S. Lansing-Smith is the organizer again, and this time she will also be the assistant director, a role she is looking forward to.

"Ultimately I would love to direct clown theater and physical comedy," she said. "I also want to write for clown characters."

As part of her writing, Lansing-Smith wants to concentrate on women as clowns - artists she feels have been neglected. The clown can focus on many serious topics, because they say it with humor. She feels this is an ideal forum for expressing many women's issues.

*continued on page 15*

## Alumni Association *continued from page 1*

At the Oct. 17 meeting, it was decided that the organization would be renamed the University of Maine General Alumni Association - a name the organization had up until 1987. Such a name is more encompassing and reflective of the changes alumni associations across the country are experiencing.

"Many departments and alumni have organized units, most on an informal basis, while others like the Forestry and Wildlife Alumni Association are quite structured," Burry said. "We are hopeful that our name change will reinforce the fact that there is in place an umbrella-type organization that cares for all alumni interests at the University level."

"The General Alumni Association serves all alumni and the University, and can bring them together in advocacy roles for the University."

Through the General Alumni Association, alumni individually and in alumni chapters can get support and assistance with events, meetings or other organizational needs. In addition, the Association will be working to tie department-specific alumni groups into its larger-scale activities.

"The notion is congruent with the way the Annual Alumni Fund is administered," Burry said. "Donors may make a non-designated gift to the Annual Fund or may specify their areas of special interests."

The General Alumni Association will continue to communicate with almost 76,000 alumni, principally through *MAINE*, the alumni magazine, and *Mainely People*, the classnotes tabloid. In addition, the Association's extensive and comprehensive Alumni Records division will continue for all alumni, with information that could be of use to department- or discipline-specific alumni groups.

Among the amendments to the Association's constitution and bylaws are definitions of the classifications of membership. All graduates and those who have been students for at least two semesters are general members of the General Alumni Association.

The board defined "active membership" as those dues-paying alumni and friends who, in return, receive certain specific benefits including discounts on purchases and services. Active members also are eligible to hold office and serve on the Association's board of directors.

Complimentary active membership for students in their senior year and a year beyond was made an official part of the Association's offerings. Such membership status has been in place on an informal basis for the past two years. In addition, honorary membership will be offered to non-alumni who have provided special service and support to the University and Association.

The board of directors was made "more inclusive," allowing all chapter and club leaders to be ex-officio members. The move was designed to "get them closer to the support that the Association provides and get them closer to the University by virtue of the relationship between board and University."

The board is now headed by a chairperson rather than a president. The chair and the board members, all volunteers, set overall policy for the Association and provide advice and counsel to the Association president. Burry, in the position of president, heads the Association's paid staff.

The title change, like many of the other recent decisions of the Alumni Association, is "consistent with the national trend in non-profits where the highest layleaders are chairs and vice chairs of the board, while the paid staff is headed by a president," Burry said.

"My sense is the changes will help keep us on course in making optimal use of critical resources as we go about our work on behalf of the University of Maine and our alumni, he said." ▲



UM entomologists Richard Storch, left, and Howard "Dutch" Forsythe sort through the thousands of glass slides of insect species preserved over the years.

Photo by Michael Gross

## Insect Collection *continued from page 1*

In *A History of the Maine Agricultural Experiment Station*, author David Smith writes that when Patch was rebuked by a male colleague for not being able to climb a tree or catch a grasshopper, then MAES Director Charles Woods defended her. She was not being hired as an acrobat, Woods said, and it would take one "lively grasshopper to evade her."

During her lifetime, Patch published 80 technical and scientific articles, 40 popular articles on science and entomology, over 100 works for juveniles on nature study and insects, and 15 books. She was named president of the Entomological Society of America in 1930, the first woman to hold the title. For the last 30 years of her life, Patch was the world's leading authority on aphids. In December 1938, she published the definitive paper on the subject: "Food Plant Life Cycles of the Aphids of the World."

UM researchers and students of entomology and agriculture have long studied aphids - small, sluggish insects that suck the juices of plants - to find environmentally sound ways to control the pest in Maine's potato fields. There are four Maine species of potato-infesting aphids, according to UM entomologist Richard Storch.

"Edith Patch and others worked out a good deal of the biology with these aphids and that has been very important. But all living organisms change with time," Storch says. The Canadian interest in the Patch collection will be beneficial to UM researchers because Footitt will be able to tell how closely related those early species are to current Maine species, Storch said.

It will require a truck to get the collection to Canada. The 20-by-20-by-6-inch boxes each weigh 40-50 pounds. They contain glass slides of the insect species preserved over the years. Howard "Dutch" Forsythe, professor of entomology, will personally deliver the collection to Footitt, traveling 516 miles to Ottawa with the 1,600-pound truckload.

"We view it as a great opportunity to have the collection used, valued and cared for while on loan. They will keep it as the Patch Collection, which was important to us," said Forsythe, who made the arrangements.

An earlier request to house the collection by the Natural History Museum at the Smithsonian Institute in Washington, D.C. was turned down because museum officials there had planned to incorporate it within a larger entomological collection rather than keep it intact as the Patch Collection. ▲

# Career Center

**Career Net is now available:** Career Net, an on-line job listing service with over 2,000 jobs listed, is now available in the Computer Career Lab. These listings are updated regularly and include jobs in Maine, New England and the nation. Stop by and use this new service.

## Attention all Students ...

**THINK AUTOMOTIVE:** Be recognized for your academic achievements. Prepare for a career in the automotive industry. Register with the Automotive Hall of Fame's Resume Bank today. The Resume Bank is seeking automotive career-minded students, regardless of major, who will graduate in the 1992-93 academic year. The Resume Bank is a free service whereby about-to-graduate and just-graduated college students can bring their resumes to the attention of executives in the automotive industry. These executives represent all branches of the automotive industry - car manufacturing and design, parts and components manufacturing, materials supply, the after-market, service and repair, dealerships, advertising and public relations agencies, auto-related publishers, and auto-related associations. A majority of their companies do not recruit on college campuses. Compiled from the Resume Book database, the Hall of Fame publishes annually the *Automotive Yearbook*, which is distributed to automotive executives across the country by January. Minimum grade point for participation in the Hall of Fame Resume Bank is 2.8. APPLICATIONS ARE AVAILABLE AT THE CAREER CENTER or contact: Automotive Hall of Fame, P.O. Box 1727, Midland, Mich. 48641-1727 - Phone: (517) 631-5760

## CAREERS '93 College Recruitment Conferences:

CAREERS '93 NEW YORK: Jan. 4-5, and CAREERS '93 ATLANTA: Jan. 11-12. Application deadline: Nov. 26. Careers '93 recruitment conferences are designed for one purpose - to help you find, interview for and get the job you want, with the employer you want. Results of the 1992 Conferences: Interviews on site: 8,319; offers to date: 2,101; hires to date: 1,432. During the past five years, over 30,000 students have attended our conferences, with 51 percent receiving second interviews, and 40 percent receiving at least one job offer as a direct result of their conference participation. A major reason why the conferences have been so successful for students and employers is their unique format. Students attend by invitation. To be considered for an invitation, send an updated resume by Nov. 26 (for CAREERS '93 NEW YORK and ATLANTA.) A cover letter which might provide additional information regarding your credentials, career interests, geographical location preferences, etc. is optional, but encouraged. For the New York Conference, send to CAREERS '93 NEW YORK, P.O. Box 840, North Haven, Conn. 06473-0840; or the Atlanta Conference send to: CAREERS '93 ATLANTA: Dept. ATL, P.O. Box 840, North Haven, Conn. 06473-0840. OR YOU MAY LEAVE YOUR RESUME AND COVER LETTER IN THE CAREERS '93 ENVELOPE on the bulletin board (to the right of Patty Counihan's office) IN THE CAREER CENTER and we will mail these, as a group, on Nov. 18. For more information on CAREERS '93, pick up a copy of the CAREERS '93 pamphlet in the Career Center. A list of some of the majors being recruited and a list of past participating companies is in the pamphlet.

## New Internship Listings:

The Washington Center for Internships and Academic Seminars (several starting dates beginning in spring of 1993: academic credit and intern housing are available). Students in all academic majors are encouraged to apply. Past internships have been done at: The Kennedy Center for the Performing Arts, The Smithsonian Institution, Federal Reserve, Marriot International, Securities and Exchange Commission, CNN, Larry King Live, U.S. Chamber of Commerce, Amnesty International, NAACP, U.S. Department of Education, and MANY others. Deadlines vary, depending on desired starting date. Earliest Deadline: Nov. 2.

Ellsworth Building Supply (position starts immediately; college credit may be obtained). Junior or senior with creativity and the ability to work independently on advertising and marketing projects is desired. DEADLINE: As soon as possible!!

Congressional Youth Leadership Council (1993 Internships: January-April

and May-August, and September-December; \$50 to \$100 per week stipend based on hours worked; college credit available). The Council is an educational organization which provides hands-on learning experience for over 10,000 high school students nationwide. Interns are needed to help plan and implement programs for these students. Positions are available in the following areas: Admissions, Alumni Affairs, Conference, Information Systems, Finance, and Public Affairs. Deadlines: Nov. 25, March 1, and July 1.

The Ford Foundation (begin June 2 for 10-12 week period: interns in New York earn \$2,000-\$2,400/month; interns abroad earn \$1,000/month plus housing.) Twenty-seven graduate student interns are needed for the program. Eleven of the internships will be overseas in the developing country program; 16 of the internships will be based in New York. Graduate or undergraduate training in the social sciences is required for all internships. Internships also require additional qualifications relating to specific positions. Deadline: Nov. 23!

## Did You Know

▼ The University of Maine leads the NCAA in total wins during the last five years with 163.

▼ Maine is one of the only two NCAA hockey schools that have been to the Final Four three of the last five seasons.

▼ Maine has produced 14 All Americans and two U.S. Olympians in the last six years as well as the 1992 Hobey Baker winner.

▼ Maine is 100-11-4 at home over the past four seasons.

▼ Maine has played before 124 straight standing-room-only crowds in the past six years.

▼ The Black Bears drew over 100,000 fans at home in each of the past five seasons.

▼ Head Coach Shawn Walsh was Hockey East or New England Coach of the Year three of the last five seasons.



**J.C. Andle**, EE graduate student, **M.W. Lade**, former EE graduate student, and **John Vetelino**, professor of electrical engineering and Laboratory for Surface

Science and Technology: "An Acoustic Plate Mode Biosensor," *Sensors and Actuators*, 13, Vol. 8.

**David Galipeau**, former EE graduate student, **John Vetelino**, professor of electrical engineering, and **Claudius Feger**, IBM T.J. Watson Laboratories, Yorktown Heights, N.Y.: "A Surface Acoustic Wave Sensor for Measuring Relative Adhesion and Surface Properties of Polyimide Films," *International Journal of Microcircuits and Electronic Packaging*, Vol. 15, No. 1.

### OVERNIGHT PARKING BAN BEGINS NOV. 1

All students can park in all-student parking lots this year - a change from last year's campus parking policy. What has not changed is the Overnight Parking Ban, which is in effect for the blue faculty and green staff lots, as well as for the black "C" student lots.

The ban is in effect Nov. 1-May 1 daily from midnight-6 a.m.

Such a ban ensures that Grounds crews will be able to plow these lots when it snows so students, staff and faculty have places to park the morning after a storm. Due to the many vehicles on campus, the ban is in effect regardless of the weather report.

And what if you leave your car parked in violation of the ban? Vehicles in violation will be ticketed (\$10 a ticket for improper parking), and towed immediately and without further notice if parked in a banned lot that needs plowing. You can avoid ticketing and towing by parking in red student lots overnight if you must park on campus overnight.

Owners of disabled vehicles in "banned" lots should call the Public Safety dispatcher, 581-4040. Dispatch can also be reached by using one of the yellow callbox telephones. The dispatcher will note your call and either call a tow truck or repair service for you, or grant permission to leave the vehicle overnight on the condition that it will be moved promptly if snow removal is required later that night.

## Directory Changes

x2510 **Doug Marchio**, Manager, Computer Connection  
x1359 **Adrian Sewall**, Director, Career Center

Addresses for Personnel Services, Payroll Office, Benefits Office and Rehabilitation Specialist are at East Annex until further notice. Names associated with the above departments are:

**Elizabeth Trefethen**  
**Brenda Willette**  
**Pauline Burns**  
**Pamela Hamm**  
**Susan McCormick**  
**Carol Curtis**  
**Andrea Gifford**

**Dorothy Sutkus**  
**Denice Tucker**  
**Betsy Allin**  
**Kathleen Gaede**  
**Rita Chesley**  
**Mary Knowlton**  
**Catherine DeGrasse**



Lorraine St. Pierre's novel of human duality and the Franco-American experience will come to the Pavilion Theatre stage Nov. 12-15 in a performance of *Comics*. *Comics* presents a year in the life of Theresa Lachance as she returns to her hometown of Chesterton, Maine, and takes a new job at the Chesterton Mental Health Clinic. There Theresa discovers the comic not only in the patients she evaluates but in her own life, causing her to question whose perceptions of reality are really valid. With an increasing awareness of the ethnic, sexual and mental doubleness of her own experience, she gains new insights and encounters characters and situations that, in the author's words, are "sad, poignant, funny, bizarre and even fabulous." The 90-minute stage adaptation is directed by Eric Peterson. Two members of the all-student cast are Brandi Sammons, left, as Tina (screaming for her "meds"), and Heather Findlay as Theresa Lachance, the mental health worker. Performances of *Comics* are at 8 p.m. Nov. 12-14, 2 p.m. Nov. 15. Tickets are sold at the door.

Photo by Monty Rand

### Media Spotlight



### Locally Speaking ...

**MaJo Keleshian**, graphic artist for the Sea Grant Program, recently had a one-person show of *Work on Paper* at the Grand Auditorium in Ellsworth. The show was favorably reviewed by Carl Little in the Sept. 24 issue of the *Bar Harbor Times*.

**Raymie McKerrow**, professor of speech communication, lent his expertise to Channel 5, cutting through the rhetoric of a controversial political ad and providing his analysis.

**Bob Whelan**, executive assistant to the President, was interviewed by Channel 7 for

local reaction to Vietnam's agreement to share information on missing American service personnel.

**Ken Hayes**, professor of political science, was a resource for the state Associated Press wire service in analyzing the third presidential debate.

**Howard Forsythe**, professor of entomology, was interviewed by Channel 5 about the Patch aphid collection.

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Public Service Fund Awards 1992-93: Judith Bailey, interim vice president for Research and Public Service, is implementing this year's \$20,000 Public Service Fund Awards in support of public service projects of University of Maine faculty and professionals. Proposal forms and criteria may be obtained in the Office of Research and Public Service, 201 Alumni Hall. Completed proposals should be submitted to: Terri Wlodarski, Executive Assistant, Office of Research and Public Service, 201C Alumni Hall. Deadline for accepting completed proposals is Nov. 2. The Public Service Awards Committee will then screen proposals and make its award recommendations to the Office of Research and Public Service. Address questions concerning this Award to: Wlodarski, x1502, or Pam Schutz, Committee chair, x2470.

Request for proposals: The Water Resources Program is soliciting faculty proposals for its FY-93 USGS Water Institute Program. Proposals are sought for research projects addressing the program priorities below. Work on projects in the program begins June 1, 1993 and terminates on May 31, 1994. Funding is contingent upon availability of appropriated federal funds. Applicants for funding must submit names and telephone numbers of at least six potential peer reviewers to this office along with the title and a one-paragraph synopsis of the proposed project no later than Nov. 18. Full proposals

are due at 11 Coburn Hall by noon, Dec. 2. Proposal and budget preparation guidelines must be obtained from the Program Office, x1490. Research Topics: Wetlands, Storm Water Runoff, Improving Management for Water Quality Protection, Wastewater Treatment for Small Communities, Compliance with Safe Drinking Water Standards, Watershed Management, other water-related topics of relevance to Maine or the region.

Request for proposals: The University of Maine-University of New Brunswick Exchange Program. We are now in year one of the third three-year exchange program established between the University of Maine and the University of New Brunswick. Each university contributes \$5,000 annually for three years to support this program with the expectation that closer institutional ties will develop between the two universities. Funds are available to support UM faculty, professionals, and students in collaborative research, seminars, symposia, and cooperative instruction with their UNB counterparts. Faculty and professional employees - Oct. 30 deadline. Proposals for funding activities in academic year 1992-93 are invited. For an application form please contact Amy Morin, x4220. For further information and submission of proposals, contact: Stephen Hornsby, Canadian-American Center, University of Maine, Orono, Maine 04469.

Deadline for withdrawing from the University at the end of the second third of the semester is 4:30 p.m., Nov. 11. See Dwight Rideout, dean of Student Services at the Memorial Union for information about this procedure.

An invitation to all University employees: The Office of Employee Health and Benefits has arranged a program to

provide simple but helpful information on the fundamentals of personal financial planning. A representative of TIAA/CREF, the basic retirement plan for professional employees, will make the presentation. The program is especially important for those under age 50; it is designed to help you identify current and future financial needs, and find practical methods to meet them. The hour-and-a-half presentation will cover: determining personal financial goals; differences among common investment choices; the effects of inflation and taxes on investment decisions; tips on determining acceptable credit ranges; how to shop for inexpensive credit; the importance of estate planning. The program will be offered twice, 3-4:30 p.m., Nov. 16, and 10-11:30 a.m., Nov. 17, both in the Lown Rooms, Union. A TIAA/CREF financial counselor will also be available by appointment on these days to meet individually with interested employees. You need not

be a TIAA/CREF member to take advantage of this financial counseling. To make an appointment, call x2366. For more information, call Betsy Allin, x2367 or Kathleen Gaede, x2360.

Registration for spring 1993 courses is as follows:

Nov. 13, 16-current seniors  
Nov. 17, 18-current juniors  
Nov. 19, 20-current sophomores  
Nov. 23, 24-current first-year students

University College students can register for UC courses on any of the above dates. For courses outside UC, register Nov. 23, 24.

The Graduate School will register according to the following plan:

Nov. 13-last name beginning with S-Z  
Nov. 16-last name beginning with M-R  
Nov. 17-last name beginning with F-L  
Nov. 18-last name beginning with A-E

Contact your dean's office with specific questions.

### PHI KAPPA PHI INVITES APPLICATIONS

The University of Maine chapter of Phi Kappa Phi National Honor Society is inviting applications from outstanding senior students for competitive fellowships worth up to \$7,000 for first-year graduate or professional study. Fifty of these prestigious fellowships will be awarded nationwide. A University of Maine physics honor student, Stephen Ouellette from North Berwick, won one of these awards last year. In addition, 30 honorable mention awards of \$500 will be made. The criteria used in the selection process include scholastic achievement, high standardized test scores, honors and enrichment programs, leadership and participation in university and community activities, expression of study plans and career goals, plus evaluations by faculty. Interested applicants are urged to take the appropriate standardized examination early. For example, those planning to take the graduate record examination (GRE) on Dec. 12, must register for it before Nov. 6. Information about standardized tests (GRE, GMAT, MCAT, LSAT, DAT, VAT, etc.) is available at the Graduate School Office in Winslow Hall. Graduating seniors with superior academic and leadership records should contact Robert Dunlap in the Chemistry Department or Nancy Lewis in Fogler Library for additional information and application forms. Phi Kappa Phi was founded in 1897 at the University of Maine. It now has more than 260 chapters at universities and colleges throughout the nation. It is the only major national scholastic honor society which recognizes academic excellence in all disciplines. The Fellowship Program was established in 1932 and since then has provided more than 12,000 Graduate Fellowship Awards and 400 Honorable Mention Awards.



# Positions Available

Advertisements for job openings to appear in Maine Perspective must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday.

Guidelines for filling professional positions, including forms for posting positions in Maine Perspective, are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in Maine Perspective (if not already approved).

## Instructors in Sociology.

Spring 1993. The Department of Sociology has temporary openings for one section of Introduction to Sociology and two sections of Social Problems. Master's degree required. Send letter of application, vita, and names and addresses only of three references to: Steven Barkan, Chair, Department of

Sociology - Room 201, University of Maine, 5728 Fernald Hall, Orono, Maine 04469-5728. Deadline: Nov. 13. Review of applications will begin immediately.

*The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.*

**Surplus Sale:** The University of Maine offers for sale, on an as-is where-is basis, the following: (1) HOUSTON DMP-42 PLOTTER, single pen, \$1,200; (1) IBM PROPRINTER 4201, \$75; (1) TANDY DWP-220 PRINTER, \$75; (20 lots) HANGING FOLDERS, \$2 per lot of 25; (1) IBM WORDPROCESSOR, Quietwriter system, w/printer & keyboard, recently cleaned, \$100; (1) 1966 INTERNATIONAL 1600 TRUCK, 2.5 ton, engine okay, body needs work, \$800 or best offer; (5) 10 PACKS OF USED 5.25" DS-DD DISKETTES, \$2.50 per 10 pack; (1) DISKETTE TRAY, \$5; (1) IBM TERMINAL, \$25; (1) PERKIN-ELMER 550 TERMINAL, \$25; (1) SONY MICRO DICTATOR/TRANSCIBER, \$25; (1) TYPEWRITER STAND, \$10; (2) ACOUSTICAL PRINTER HOODS, Inmac & Gates, FREE; (1) VISUAL 230 GRAPHICS TERMINAL, \$100; (2) VISUAL 603 GRAPHICS TERMINALS, \$100 each; (1) PALLET JACK, 27" x 36", 5,000 lb. capacity, \$285; (1) TOYOTA ENGINE, w/ transmission, \$10; (2) INTERNATIONAL ENGINES, \$100 & \$125; (1) STIHL 024 CHAINSAW, \$175; (1) OLIVETTI ETV 300 WORD PROCESSOR, w/ ETV-121 memory typewriter, \$175; (1) QUIETWRITER 5201 PRINTER, w/ tractor feed and extra font cartridge, \$150; (1) RENA L325 LABELING MACHINE, \$30.

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 Department, 581-2692.

**Members of Alpha Zeta, a coeducational agricultural honors service fraternity, are available to do yardwork (lawn-mowing, leaf-raking, snow shoveling) and other labor-related tasks needed in the University community. No fee is charged but donations are accepted. Workers are available every Thursday, 2-5 p.m. and Saturdays, 9 a.m.-noon. Contact Justin Vreeland, 106 Winslow Hall or call 866-2837.**

## MAIL SERVICE CHANGES

As of Nov. 2, the U.S. Postal Service will be discontinuing delivery of the U.S. Mail to the University of Maine campus. An outside contract has been awarded to Mail Wise Inc., of Bangor. Mail Wise will deliver the U.S. Mail to the academic buildings and residence halls on campus. It will provide the same service that the U.S. Post Office has provided with the exception that deliveries will be made to the residence halls. Certified and Insured Mail for students can be picked up in the University Mail Room, Public Affairs Building, Rangeley Road, 8 a.m.-4:30 p.m. until further notice. The U.S. Postal Service will continue to attempt to deliver Registered Mail and Express Mail on campus. In addition, academic buildings and residence halls have been assigned the new 4-digit add-on zip code. Please start using the new add-on zip code immediately. This new add-on zip is not mandatory at this time, but U.S. Postal Service will be requiring it soon. There should not be any delay of mail during this transition.

### UNIVERSITY ZIP CODE 04469 PLUS 4-DIGIT ZIP CODE FOR EACH BUILDING

ALFOND ARENA 5701	MAHANEY CLUBHOUSE 5745
ALLEN VILLAGE 5702	MAINE CENTER FOR THE ARTS 5746
ALUMNI HALL 5703	MEMORIAL GYM 5747
ANDROSCOGGIN HALL 5704	MEMORIAL UNION 5748
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CHADBOURNE HALL 5713	ONWARD BUILDING 5757
CHILD STUDY CENTER 5714	OXFORD HALL 5758
COBURN HALL 5715	PENOBSCOT HALL 5759
COLVIN HALL 5716	PRESIDENT'S HOUSE 5760
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CUMBERLAND HALL 5720	SAWYER RESEARCH CENTER 5764
CUTLER HEALTH CENTER 5721	SERVICE BUILDING 5765
DEERING HALL 5722	SHIBLES HALL 5766
CORBETT BUSINESS BLDG 5723	SOMERSET HALL 5767
DUNN HALL 5724	SOUTH ANNEX A 5768
EAST ANNEX 5725	SOUTH ANNEX B 5769
ENVIR SCIENCE LAB 5726	SOUTH ANNEX C 5770
ESTABROOKE HALL 5727	MACKAY ARCHAEOLOGY LAB 5771
FERNALD HALL 5728	SOUTH CAMPUS OFFICE 5772
FOGLER LIBRARY 5729	SOUTH STEVENS HALL 5773
GANNETT HALL 5730	STEVENS HALL 5774
HANCOCK HALL 5731	STODDER HALL 5775
HANNIBAL HAMLIN HALL 5732	THE MAPLES 5776
HART HALL 5733	THOMSON HONORS CENTER 5777
HILLTOP COMMONS 5734	UM BOOKSTORE 5778
HITCHNER HALL 5735	UM CREDIT UNION 5779
HOLMES HALL 5736	WELLS COMMONS 5780
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KENNEBEC HALL 5738	WINSLOW HALL 5782
KNOX HALL 5739	YORK HALL 5783
LENGYEL HALL 5740	YORK VILLAGE 5784
LIBBY HALL 5741	STEWART COMMONS 5785
LITTLE HALL 5742	
LORD HALL 5743	
MACHINE TOOL LAB 5744	

### EXAMPLE ADDRESS FORMAT:

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ORONO, ME 04469-5761

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JAMES VAILLANCOURT, X3760.

## Harold Alfond Sports Arena Dedication

A special tribute to Harold Alfond

**NOV. 1, 2 P.M.**

**Take a tour of the Arena, including skyboxes and locker rooms**

**See the floor set up half hockey/half basketball**

**Meet the Black Bear coaches and players**

**Free hot dogs and soda**

**Free and open to the public**





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:** 1976 Saab EMS. Good body, soccer-style aluminum wheels, Saab trailer hitch, runs but needs tinkering. \$525. Call 884-7722.

**BICYCLE:** 12-speed Peugeot. With Scott bars, Gel saddle, tools, extras. \$250. Call 581-3925, leave message.

**CANOE:** 16' Old town Canoe with two life jackets, two flotation cushions, two paddles. \$300. Call 581-1516 or 942-9853.

**CANOE:** Old Town Discovery 175. Equipped for rowing. With paddles, oars, rowing seat. \$480. Call 581-3925, leave message.

**DARKROOM:** Complete darkroom outfit includes Omega C760 XL enlarger, safe light, exposure meter, 35 mm negative carrier, two lenses, film tanks, developing trays plus books, chemicals, paper and other items. FREE 35mm camera. \$600. Call Steve after 6 p.m., 394-2612.

**EASEL:** Artist's easel, new condition. \$25. Call 827-2093 evenings.

**LIVINGROOM SET:** Three-piece set includes one couch, two matching chairs, upholstered in brown plaid, excellent condition. Asking \$300. Call after 5 p.m. 827-5177.

**MOBILE HOME:** 1974, 12x60, Newport, LeGrande, with insulated pitched roof. Three bedrooms, 1-1/2 bath. Washer, dryer, range, refrigerator, and storage shed. New carpet in living room. Very good condition. Quiet, adult section of Bangor park. \$13,000 or best offer. Flexible owner financing possible for qualified buyer. Call 866-4542, 581-1392, or 667-6775.

**SKI RACK:** For cars with gutters. Lockable. \$40. Call 581-3925, leave message.

**TENTS AND BACKPACKS:** One double wall 3/4 person, one 2-person for backpacking. Call 581-3925, leave message.

#### SERVICES

**DENTAL HYGIENE:** The University of Maine Dental Health Programs offer Dental Hygiene Services, September-April, Lincoln Hall, Bangor campus. Quality preventive 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 provided to University of Maine students. Call 581-6050 for an appointment.

**TYPING:** Term papers, dissertations, resumes, correspondence, etc. Reasonable rates and prompt service. Call Charlene, 581-1490 or 862-5636 after 5 p.m.

**TYPING:** You name it, I'll type it. Reasonable rates and fast service. Call Barbara, 581-3264.

**TYPING:** Typing and/or brochure/newsletter designs. Reasonable rates. Call Tracey after 5 p.m., 827-6354.

**TYPING:** Theses, dissertations, technical papers, and term papers. Resumes and cover letters. Proofreading, research etc., by the hour or by the job. Two years professional experience. 581-2188 (8 a.m.-noon) or 989-3433 (after 12:30 p.m.) for appointment.

**WHAT DO YOU NEED?:** Trees, brush, stumps or rocks removed. Land clearing, timber stand improvement. Have and set cedar poles. Old cars & white goods removed. Building demolition. Firewood. Also stumpage bought. Call 827-7253.

#### FOR RENT

**HOUSE:** Two-bedroom home on 20+ acres in quiet country setting. House has new furnace, energy efficient windows, and a garage/workshop. Basement has washer/dryer and a small root cellar. Located in Greenbush. \$450/month+ utilities. Call 581-2889.

**HOUSE:** In Bangor. Four+ bedrooms, modern kitchen, two baths, diningroom, double livingrooms with fireplace. Near hospital and schools. Two-car garage, large fenced yard. No pets. \$725/month + utilities. References. Call 945-3795.

**TRAILER:** Two-bedroom, one-car garage, on private property. Located on Greenfield Road in Greenbush. \$400 per month plus utilities. Security deposit. Call 827-7253.

#### WANTED

**CAMERA:** Olympus 35mm, Model XA (not XA 2, etc.). Leave message for Sylvester at 581-3818.

**HOUSE OR APARTMENT:** In or near Orono for visiting faculty member January through December 1993. Call Bob, 581-2785.

## Along the Mall



**Gail Curry Yvon**, education outreach coordinator, Canadian-American Center, presented: "Canadian Literature for Young People: An Emerging Resource in the U.S. Curriculum" at the Maine Reading Association's annual Fall Symposium in Fairfield, Oct. 17.

**Robert Falconer**, EE graduate student, attended the IEEE Solid State Sensor and Actuator Workshop in Hilton Head, S.C., June 22-23. **Dean Smith**, former EE graduate, **John Vetelino**, professor of electrical engineering and Laboratory for Surface Science and Technology, Falconer and **Elmer Wittman**, EE graduate student, presented and published the following paper in the conference proceedings: "Tungsten Trioxide Films for Gas Sensing Applications."

**Richard Blanke**, professor of history, presented a paper: "Polish Speaking Germans Under Polish Rule: Upper Silesia, 1922-1939," at the annual meeting of the German Studies Association, Minneapolis, Oct. 3.

**Vijay Panchang**, associate professor, and **Bingyi Xu**, doctoral student, both of the Civil Engineering Department, attended the 23rd International Conference on Coastal Engineering in Venice, Italy, Oct. 4-9. They presented a paper: "Exact Outgoing Boundary Conditions for Finite-Difference Elliptic Wave Models."

**MaJo Keleshian** organized a beach cleanup Oct. 16 as part of Coastweek in Maine. Participants from the Sea

Grant Office included **Wanda Legere**, **Kathleen Lignell**, and **Susan White**. Along with **Sylvester Pollet** and **Andrea Sulzer**, the group cleaned up and tallied trash from Sandy Point beach.

**John Vetelino**, professor of electrical engineering, **David Galipeau** and **Dean Smith**, former EE graduate students, recently attended the fourth international meeting on Chemical Sensors in Tokyo Sept. 13-17. They presented the following papers which were published at the conference proceedings: "Measurement of Relative Adhesion and Surface Properties of Polyimide Films using a Surface Acoustic Wave Sensor"; "An Improved Acoustic Plate Mode Biosensor"; and "Stability, Sensitivity and Selectivity of Tungsten Trioxide Films for Sensing Applications." The last paper, written by Smith, Vetelino, **Robert Falconer**, and **Elmer Wittman**, was chosen from 294 papers presented at the conference to receive the Distinguished Paper Award.

**John Vetelino**, professor of electrical engineering, recently presented an invited paper: "Theory and Application of Acoustic Plate Mode Devices for Sensing in a Fluid Media", at the 19th annual meeting of the Federation of Analytical Chemistry and Spectroscopy Societies, Sept. 20-25, Philadelphia.

**Jayendran Rasaiah**, professor of chemistry, presented an invited paper: "Integral Equation Approximations for Reversible Electron Transfer Reactions" at a symposium on Microscopic Models of Electrode/Electrolyte Interfaces, organized by the Electrochemical Society at its 182nd meeting in Toronto, Oct. 11-16.

**Constance Hunting**, associate professor of English, was a presenter at Haystack School's Young Writers Symposium, Oct. 6-9, giving readings and workshops.



Bob Holmes

## Viewpoints

Viewpoint is the opinion page of *Maine Perspective*, offered in an effort to enhance and spark dialogue on campus on issues related to the University and the state.

### The Strength of the Silent Majority

The family of employees within this institution has ridden on a roller coaster of emotion with ups and downs of financial support. Those who have stayed the course through these years have served the institute well. These individuals and their families have gained from their relationship with this University, and the students and citizens of Maine have likewise gained from their commitment to their jobs, their workplace, their University.

For 19 years, I have wrapped my life and that of my family around the University. My positions have given me the wonderful opportunity to see behind the scenes in corners throughout the campus. Yet it is not the facilities that mark my memories, but the individuals whom I've met who make this complex institution operate each day - the lab technician working in Hitchner Hall on potato molecular biology research, the operator of the paper-cutting machine in the University print shop, the secretary greeting students every day in Boardman Hall, the Steam Plant operator with the new computer-controlled heating system, the professional carpenters and painters, electricians and plumbers. These people and others form the logistical support for those who are teaching, conducting research and performing essential services to our

statewide community.

I have had the pleasure and the privilege to hear individualized presentations from faculty who are internationally renowned, and I have felt the energy and commitment from the professional staff.

In other forums, I have listened to critics and naysayers, and I'm sure you have heard them, too. A University community provides a forum for all forms of expression; I wouldn't have it any other way.

I have, however, always been so impressed by a common denominator that truly factors into every profession on this campus: This is a fine institution with fine people who care about its direction. Maybe it's the "silent majority syndrome."

Well, something has happened over the last several months which has given all these individuals a quiet voice - a voice of support stemming from their privately made decisions to "give something back to their University," and to share what they have with others in a special way to advance students' education. I am referring to the quietly dramatic response to The Campaign for Maine.

The University Family Phase has a goal of \$1 million, but more importantly a goal of strong participation. As I write this "Viewpoint," the total has topped \$938,201 and more is coming. There are gifts from those making their first gift ever to the University; gifts of \$2 per pay period; a gift of \$300,000; a gift of land; a gift of real property; and gifts for scholarships, departments, books, buildings, programs. Each individual seems to find the designation of their special support for the University.

This is a coming together - this is charitable support. I am proud of the voices that have spoken out through this campaign. Their expression will make our everyday lives on campus better, and the opportunities for family and friends who follow better still. They will help to preserve a high quality educational experience for those who call this institution their University.

*Robert Holmes Jr., is vice president for University Development.*

### Clowning Around *continued from page 8*

She also hopes to perform the clown more, and is thinking of writing her master's thesis on the clown. She also plans to study with another master teacher, Pierre Byland from Switzerland.

Most recently, Lansing-Smith was acting in a play in Lewiston at the LA Public Theater. It is a commedia dell arte workshop production of Moliere's *Scapino*, being directed by Julie Goell Oct. 9 - 25.

In April, she will be directing and producing a play at the Pavilion Theatre. She is thinking about clown theater for that performance, though she also has a strong interest in Franco-American plays, and has been researching those as well.

Lansing-Smith says that the Pavilion would be an ideal venue for clown theater, because the audience is all around you and clearly visible. She stresses that the audience is an important element of clowning. In fact many clowns go down into the audience, and there is the common gag of bringing an audience member up on stage to "do outrageously silly things."

"What I enjoy most is the contact between the clown and the audience," said Lansing-Smith. "I love the immediacy and the spontaneity, the play with the audience."

"Clowns want to show that they can do great and amazing things - but of course they can't, they fail constantly. But through their efforts and struggles - and they try so hard - they show so much heart and so much humanity that the audience loves them." ▲

### CELLULOID SUNDAY

**The alternative alternative film series at the Ram's Horn**

**Admission: \$1**

**All shows start at 7 p.m. unless otherwise specified**

Pizza and other edibles served beginning at 6 p.m.

Halloween Double Horror Feature, Nov. 1

**Plan 9 From Outer Space**, 7 p.m.

**Night of the Living Dead**, 9 p.m.

(free admission to anyone in costume)

**The 5000 Fingers of Dr. T**, Nov. 8

**Delicatessen**, Nov. 15

**Monster in a Box**, Nov. 22

**Meet John Doe**, Dec. 6

**All members of the University community are encouraged to send notices of professional accomplishments for inclusion in Maine Perspective.**



**National Center for Nursing Research** seeks research on clinical care in nursing homes to improve understanding of the influences of contextual factors and to determine strategies that increase independence and self-management among residents, maintain family participation in care, and encourage discharge to home when possible. Letter of intent is due Nov. 24; application, Jan. 26.

**Social Science Research Council-MacArthur Foundation** Fellowships on Peace and Security in a Changing World support inno-

vative interdisciplinary research on the relationships among security issues and worldwide cultural, military, social, economic, environmental, and political changes. Eligible applicants have held a Ph.D. or the equivalent for not more than 10 years. Deadline: Dec. 1.

**National Endowment for the Arts' Design Arts Program** makes matching grants for projects that advance practice, research, theory, and communication in all design disciplines: architecture, landscape architecture, urban design and planning, historic preservation, interior design, industrial and product

design, and graphic design. Deadlines: Dec. 11, June 18.

**Environmental Protection Agency** makes Environmental Education Grants for design, demonstration, or dissemination of practices, methods, or techniques related to environmental education and training. Pre-application deadline: Jan. 15.

**McDonnell-Pew Program** in Cognitive Neuroscience makes grants-in-aid of up to \$30,000 for individual research projects to encourage new investigators in cognitive neuroscience and for training projects to enable investigators to acquire new skills for

interdisciplinary research in the field. Deadline: Feb. 1.

**American Philosophical Society** has revised guidelines, application instructions, and deadlines for its General Research Grants in aid of scholarly research in all areas of knowledge except those in which support by government or corporations is more appropriate. Maximum award is now \$5,000, and younger scholars are favored. 1993 deadlines: Jan. 15, March 2, July 1, Nov. 1.

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

## Snapshots Calendar

	CH. 5, 7 p.m. (Bangor)	MPBC, 10 a.m. (Statewide)	CH. 51, 7:30 p.m. (Portland)	PLUS, 6:30 p.m. (Biddeford)
Sunday, Nov. 1		Show #1 with Bill Patrick		
Thursday, Nov. 26	Show #2 with Cheryl Chessa		Show #2 with Cheryl Chessa	
Sunday, Nov. 29				Show #1 with Bill Patrick
Sunday, Dec. 20		Show #2 with Cheryl Chessa		
Sunday, Dec. 27				Show #2 with Cheryl Chessa
Thursday, Dec. 31	Show #3 with Steve Hewins		Show #3 with Steve Hewins	
Sunday, Jan. 3		Show #3 with Steve Hewins		

## What's Ahead

**"A VINDICATION OF THE RIGHTS OF WOMEN: WHERE ARE WE 200 YEARS LATER?"**  
Nov. 10

**SPRING COURSE REGISTRATION**  
Nov. 13-24

**UNIVERSITY SINGERS IN CONCERT**  
Nov. 15

**ART DEPARTMENT FACULTY EXHIBITION**  
Nov. 19-Dec. 18

**THANKSGIVING BREAK**  
Nov. 25-29

Maine Perspective



University of Maine  
Maine Perspective  
Department of Public Affairs  
Orono, Maine 04469