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Perspective

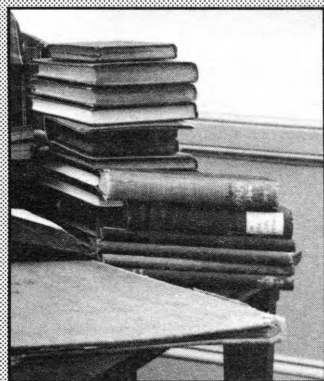
ON FOR THE UNIVERSITY OF MAINE

FEB 8 1991
FEBRUARY 8, 1991

In Perspective



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Computer Cluster Provides Needed Access, New Equipment

A new computer cluster for University of Maine students opened last week in Stewart Commons, setting the stage for what is to be increased involvement by Residential Life in supporting computer access to students and giving a dramatic shot in the arm to public student computer access on campus.

Located in the Resource Room of Stewart Commons, the cluster is equipped with seven new Macintosh computers, supplementing the two existing IBM computers and resource materials. Funding for the first seven new computers was made possible by Comprehensive Fee monies allocated to Student Affairs, Student Government and the College of Engineering; funding for another eight Macintosh computers for the Resource Room has not yet been found.

"We're excited about the facility because it increases the number of computers available to students," according to Scott

Anchors, director of Residential Life. "It creates an opportunity to learn about computers through classes offered (in the Resource Room) and tutorial services. The Resource Room really expands and builds nicely on the efforts of the East Campus staff and students in Residential Life.

"A facility like this in a residential area on campus forms a partnership with the classroom," Anchors said. "It acknowledges that the line between the in- and out-of-classroom experience is not as distinct as technology increases."

Single computer workstations have been in most UM residence halls since the early 1980s, Anchors said. But the expansion of the Resource Room marks a big step forward in increasing access for all students - not just those in residence halls.

The facility is staffed 24 hours a day

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University of Maine baker Glenn Taylor, right, and Bill Dalton, UM manager of catering and conference services, put the finishing touches on a 125th anniversary cake similar to the one that will be part of the opening ceremony Feb. 14 at the Maine Center for the Arts. The opening ceremony for the 125th anniversary observance at UM, the first of a number of events that will be planned throughout the year, will feature greetings from UM officials, entertainment and an historical slide presentation. Those attending the ceremony will partake of the anniversary cake baked and decorated by Taylor, a 15-year veteran of the UM bakery. See related story on page 2.

Photo by Keith Dresser

UM Begins 125th Anniversary Observance

The opening event to begin the observance of the University of Maine's 125th anniversary will take place Feb. 14 at 7 p.m. at the Maine Center for the Arts.

The kick-off for the 125th anniversary will feature greetings from UM officials and entertainment, including performances by the 20th Century Music Ensemble, the University Singers, and the Symphonic Band, as well as a brief skit from the upcoming production of "The Threepenny Opera" by the UM Department of Theatre/Dance. In addition David Smith, Bird and Bird Professor of American History, will give a slide presentation on the historical high-points of the University.

The event is free and open to the public. Other events to commemorate the 125th anniversary will be scheduled throughout the year by the 125th Anniversary Committee.

Two distinguished alumni who are noted for their lifelong loyalty and service to the University - Mildred "Brownie" Schrupf of Orono, Class of 1925, and Raymond Fogler of Exeter, Class of 1915 - have been working for the past year as honorary co-chairs for the 125th Anniversary Committee. Schrupf is a home economist, author and columnist for the Bangor Daily News. Fogler, in whose honor the UM library is named, is a former chief executive officer for W.T. Grant & Co., and former assistant secretary of the U.S. Navy.

The anniversary observance seeks to

heighten awareness of the past, present and future of the University which began 125 years ago when, on Jan. 23, 1866, Orono was selected as the site of the University of Maine (or as it was called for the first 30 years, the Maine State College).

The history of the University of Maine actually began in the late 1840s when a group of Maine farmers called for the establishment of an agricultural school.



Publications

Edward Collins, prof. of political science, and **Martin Rogoff**, prof. of law: "The Carolin Incident and the Development of International Law," Brooklyn Journal of International Law, XVI (1990) pp. 493-527; and "The Carolin Incident of 1837, the McLeod Affair of 1840-1841 and the Development of International Law," American Review of Canadian Studies, XX (1990) pp. 81-101.

Tim Dewhurst, assist. prof. of mechanical engineering, with Paul Dawson and Yong-Shin Lee of Cornell University: "Bulge Prediction in Stead State Bar Rolling Processes," International Journal for Numerical Methods in Engineering, Vol. 30 (1990) pp. 1403-1413.

Melvin Burke, prof., Dept. of Economics: "Bolivia: The Politics of Cocaine," Current History (February 1991) pp. 65-68, 90.

The Morrill Land Grant College Act was passed in 1863 by the United States Congress to support the founding of colleges in each state to teach agriculture and mechanic arts, as well as instruct in military drill and tactics.

The first students arrived for classes in September 1868, although the University farm and agricultural research were already under way at least a year prior to this time.

Steve Sader, assoc. prof. of forest resources, and **Chris Winne**, research assoc.: "Digital Image Analysis Hardware/Software Use at U.S. Forestry Schools," Photogrammetric Engineering and Remote Sensing, 57, 2 (February 1991) pp. 209-211.

Marisue Pickering, assoc. vice president for Academic Affairs and prof. of speech communication, Kathryn Smith, Martha Crago, Rita Naremore: "Patterns and Challenges in Supervision: Research in Human Communication Disorders," The Clinical Supervisor, 8, 2 (1990) pp. 185-193.

Maine Perspective

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DEADLINE EXTENDED

Presidential Public Service Award

Nominations and applications are being sought for the Presidential Public Service Award for 1991. A faculty or professional is recognized for distinguished public service achievement as recipient of this award, and a \$1,500 award presented. Nominations/applications will be screened by a committee of faculty and professional staff who will recommend one or more outstanding persons to the President. Applications/nominations must be submitted to: Brenda Cook, Executive Assistant and Coordinator of Public Service Programs, 201C Alumni Hall, before 4:30 p.m. Feb. 15. Application/nomination forms and criteria for selection are available in 201C Alumni Hall, x1502. Renominations from previous years are encouraged. The recipient will be announced at the Honors Convocation in April. Feel free to contact any member of the Committee for further information. The Committee members are: Chairperson - Guvenç Alpander, Doug Allen, Mary Ellen Symanski, Gordon Donaldson, Sue Estler, Brian Green, Herb Hidu, George Hayes, Kathleen Lignell, Kay Godwin, Steven Sader, Mary Bowie, Ann Schonberger and Bill Murphy.

The Keeper of the Collections

She can tell you who taught principles of farming in 1921 and can show you a photograph of the Memorial Union being built. She knows where to find the first UM course catalog from 1868 as well as almost every version of the UM campus map since then. She can tell you just about anything about the University of Maine or Maine history.

After 19 years as Special Collections Librarian at Fogler Library, there isn't much Muriel Sanford can't tell you. And if she doesn't know it, she knows where to find it.

Established in 1970, the University of Maine's Special Collections department

is divided into several smaller collections, with the core materials focusing on Maine. Found here are the University collection (University documents, publications and papers); the Maine book collection (17,000 volumes written for by and about Mainers); Clinton Cole Maritime Collection (4,500 volumes of fiction and non-fiction about the sea and sailing); manuscripts (1,700 archival boxes of family papers) including those of Stephen King, as well as theses and dissertations (written by students and faculty at UM); maps; the O'Brien Civil War Collection; and Maine State Documents (9,000 titles and 51,000 documents, the largest repository in the state); rare books; and photographs.

Muriel knows where it all is, how it all got there, and how to find what you're looking for. She and her staff of two handle thousands of requests for information a year from students and faculty as well as from people around the world.

"People are beginning to know us for certain things," Sanford said. "We're becoming more and more known for our collection throughout the state. We get questions from all over the country."

While the most common request is for Maine history, the department also receives many questions about Maine government, minorities (including women), and labor disputes as well as the University.

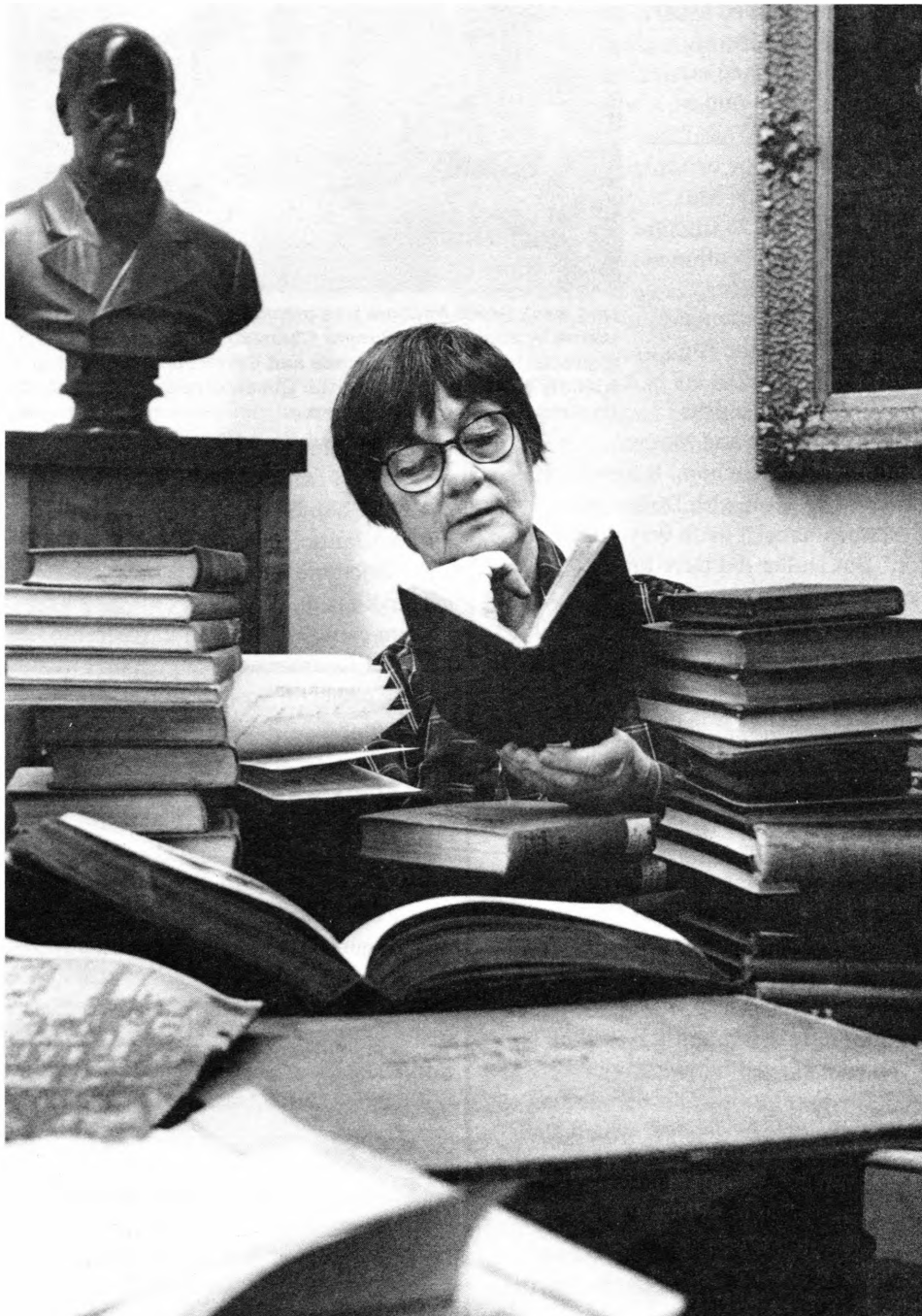
In 1989-1990, the staff helped 7,000 users, filled 844 requests through inter-library loan and received 269 applications from people outside the University requesting to use the Collection.

Among the thousands of requests that are handled each year - from the use of Hannibal Hamlin papers and information on Maine railroads to current information on Maine politics and government - some are especially memorable.

"We had a request for Bangor traffic rules for people on horses once," she said. "I'm not sure if we knew that one - I think we did."

Although her chief responsibility is the University Collection (a compilation of theses and dissertations, yearbooks, student handbooks, faculty and student directories, administrative papers and photographs of the University, all ranging from 1865 through today), Muriel works with all the collections in the department.

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Coming to the Defense of the Queen City

When University of Maine Residential Life Director Scott Anchors went to Oxford, England last December, he went to present a four-day seminar on his research. He also went as a foreign diplomat with a mission - to set the record straight.

Anchors had been invited by the Oxford Psychologists Press to present a seminar on the Myers-Briggs Type Indicator for human resource professionals in the United Kingdom. But as Anchors was making plans for his December visit to Britain, Bangor was rocked by a story that appeared across the Atlantic in the Oxford Mail newspaper.

The story, "Avoid this place on your USA wonder tour," authored by Robert Moore of Oxford, detailed Moore's exploits on the way home from Disneyworld. When his plane stopped in Bangor to refuel, Moore was overcome by gastroenteritis and so began his 24-hour stay in what he described as "a sleepy little town" with "seedy" shops, "dirty" streets and taxis "the oldest I had seen outside Istanbul."

When it was Anchors' turn to board a plane for England, he was equipped with two "care packages" prepared by the Bangor Chamber of Commerce for presentation to Moore and to Edward Duller, editor of the Oxford Mail. The packages included Maine products such as maple syrup, canned sardines, honey, canned blueberries, fiddleheads,

toothpaste and tooth-picks, as well as literature about favorite sights in the Queen City. Also tucked in the care packages were such gag gifts as "Mickey Mouse ears due to Moore's affinity for Disneyworld, Pepto Bismol for his stomach ailment, eyeglasses to 'really see' Bangor, Stephen King's autographed Dead Zone, Paul Bunyan earrings since he liked our statue so much, and a copy of How To Talk Yankee so he could be better understood on his next visit," according to Chamber News, a publication of the Greater Bangor Chamber of Commerce. Presentation of the gag gifts was contingent on the sense of humor displayed by Duller and Moore.

According to Anchors, it took three attempts to meet with Duller, who describes himself as "a very busy editor." But Duller did have time - and a sense of humor - to receive one of the care packages complete with gag gifts. Moore, who did not live in Oxford, was sent King's autographed book. The second care package was delivered to the



Last week Scott Anchors was presented a Paul Bunyan statue by the Greater Bangor Chamber of Commerce in appreciation for his "diligence and devotion in promoting friendly relations" between the Queen City and the Oxford, England, Chamber of Commerce.
Photo by Keith Dresser

Oxford Chamber of Commerce and served as a catalyst for dialogue between the two Chambers on the opposite sides of the Atlantic.

For Anchors, it was mission accomplished.

"I am confident that, in partnership with our Chamber of Commerce, I was able to project a positive and warm image of our area," Anchors said.

Authors to Share Strategies of the Writing Game

Writers Frank Levering and Wanda Urbanska will be on the University of Maine campus from Feb. 19-22 as 1991 Lloyd H. Elliott Visiting Professors.

They will present a free public lecture, "Surviving in the Writing Game," at 8 p.m. Feb. 19, 120 Little Hall.

Levering and Urbanska have published a number of books including Urbanska's The Singular Generation and a novel, Official Secrets, written by the two in collaboration. A collection of essays, Travelling Light, will be published later this year.

The two also have written magazine

pieces for McCall's and New Woman, and book reviews for the Los Angeles Times and The Washington Post. Levering is the author of the screenplay for the film, "Parasite," starring Demi Moore.

A graduate of Orono High School, Urbanska started her writing career with the Community Observer, a now-defunct weekly newspaper which circulated in the area. She later wrote for the Bangor Daily News and, at age 18, was the first anchorwoman for MPBN-TV news.

The authors' visit is sponsored by the

Lloyd H. Elliott Fund and the Department of English. The fund is named in honor of Elliott, a former UM president and English professor who is scheduled to lecture at UM in April.

For more information, call Welch Everman, UM assistant professor of English, x3816, or Marie Urbanski, UM professor of English, x3819.

**Along the Mall, Publications
and Campus Notes
Deadline: 9 a.m. Monday**



Waste Not

Editor's Note: Waste Not is a biweekly column in Maine Perspective written by Scott Wilkerson, UM recycling education coordinator. For further information or if you have topics you'd like to see addressed in this column, call x2680.

As Recycling Education Coordinator at the University of Maine, I spend a great deal of time passing on to the University community information about our recycling program - i.e. how the program operates and what has been accomplished. When speaking to the various audiences on campus, someone inevitably asks: "Why are we recycling?" I respond: "To close the loop." To those in the group with puzzled looks on their faces, I explain further.

"If you don't recycle, you're throwing it all away" reads an Environmental Defense Fund poster with the planet Earth on it set against a black background. Many of the products we use and discard as waste, such as packaging, can be used again - maybe not as they are, but in another form. A simple example of this might be the use of a plastic milk jug cut away so that the bottom can be used to start seedlings

rather than purchasing new plant pots. The plastic container can also be saved for recycling. Either way, this represents a reduction in the consumption of virgin plastic manufactured from petroleum - namely oil.

Virtually everything we come in contact with in our daily routines has its origin in raw materials, or natural resources, that we extract from the planet - paper products, metals, some textiles, plastics, and a host of others. As our populations increase and we require more of these products that are made from natural resources, we will eventually exhaust our planet's supply if we continue to wastefully consume and discard these products when we no longer need them. To use less, reuse more and recycle these products where ever possible will reduce our dependency on what will soon be extremely scarce resources. If we continue to remove these resources from our environment without attempting to replenish their supply, we could conceivably run out. By the inclusion of recyclable material in the manufacturing of a product like plastic or paper, we reduce the amount of virgin material needed to make that

product, thereby expanding the life of the planet's current supply of oil and trees. To close the loop on a piece of office paper is to manufacture it, use it and collect it instead of throwing it out, process it for recycling, and put it back into the resource pool for inclusion in the manufacturing of more paper.

So the next time you see the chasing arrows on your grocery bag or yogurt container, think to yourself: "Do I recycle this, or do I throw it all away?"

A Word from the University of Maine Energy Committee ...

The placement of storm windows is still in progress. Most older University buildings are solid masonry construction. We will experiment with interior insulating panels to determine the impact on the cost of heating and thermal comfort.

Collections *continued from page 3*

Like a mother unable to choose a favorite child, Muriel won't concede to preferring one collection over another.

"I couldn't pick out any one thing, every part complements another. Although I am partial to the University Collection," she said. "I know how important it is to have all things together and available to the University."

A 1946 graduate of UM with a degree in education, Muriel left her native Maine and moved to Boston where she studied at Simmons College and received her graduate library science degree in 1955.

When her family moved to Houlton in 1950, Muriel organized the high school library there.

"I went in, and there was lovely furniture but not a book," she said. "I didn't know quite what to do because there wasn't a big budget. So one thing I did was write to Margaret Chase Smith -

and lo and behold - satchels of mail came from her office. She sent us all kinds of things we could really use in a high school library."

Two years later her family moved to Massachusetts and Muriel once again organized a high school library, this time at Waltham High School.

After two years in the Bay State, Muriel worked with the Free Public Library Commission on a bookmobile in Vermont, moving back to her native state four years later.

For the final time, Muriel again organized a library - this time at Husson College. "The library went from 3,000 to 23,000 volumes while I was there," she said.

After seeing the library through several successful bids for business college library accreditation, she decided it was time for something different.

"At that time I was looking for a

change," she said. "I had stopped working for a bit and I was just interested in working here at home - at the University."

Nineteen years later, Muriel doesn't see the campus as much different.

"Of course there are more buildings and more students, but it still hasn't lost that personal touch," she said. "I think there's still a feeling of concern for individuals. I don't think it's lost that."

Nineteen years is a long time to spend in any place, and Muriel says she is still taking care of Special Collections for a simple reason.

"I like my job," she said. "I like working in Special Collections and interacting with the patrons. The students are very polite and appreciative of what you do for them."

"It's very rewarding."

Computers *continued from page 1*

Sunday evenings through Friday afternoons with student consultants hired and trained by Residential Life and UM's Computing and Instructional Technology center. Certain hours will be set aside for faculty who will use the computer lab for classroom teaching. Maintenance and service of the computer equipment will be provided by CIT.

"This is one of the many things happening in the technology area in residence halls," Anchors said. "We've got to do whatever we can to help students increase their exposure to technology."

"A survey of 2,000 UM students revealed that 23 percent have personal computers in their rooms. Computers are the wave of the future. We'll have data capabilities in students' rooms on campus next year. This (Resource Room) is a way to support that."

A second cluster, this one equipped with used IBM-compatible computers, is now proposed for a residence hall on the south end of campus.

The additional new personal computers accessible to all students are the first in almost six years, according to computer experts on campus. There are a total of 50 IBM or IBM-compatible (MS DOS) and 12 Macintosh computers that are accessible to all students. There are a number of other computer clusters within academic departments, but first-priority access is given to students of those departments.

Some of the computer equipment for students in the academic departments is newly donated and up-to-date, complete with state-of-the-art software specific to the disciplines. However, public computers for students of all academic disciplines, found in two primary clusters in Fogler Library and in CAPS, are old and requiring high maintenance, limited in their availability and lacking trained on-site consultants. The CAPS computer cluster with MS-DOS is open 24 hours a day and, up until the Stewart Commons Resource Room opened, students were without 24-hour access to Macintosh systems.

The status of public computers for students will be one of the issues addressed by a soon-to-be-established Academic Computing Advising Committee, chaired by Virginia Gibson, UM associate professor of management

information systems, and created by the Office of Vice President for Academic Affairs at the recommendation of the Task Force on Program and Budget Review. Public computers are, according to CIT Microcomputer Specialist Mike Scott and others, a concern of students as well as faculty.

"It's a misperception that there are plenty of computers available to students," Scott said. "People don't understand that there are long lines of students waiting for access to each computer. Students are walking into the University with more computer knowledge than we think they have. If we're not providing adequate technology, they'll go elsewhere."

"In addition, we have to give faculty who are integrating computing into their curricula the resources to use," Scott said. "They need labs to teach in. There is an immediate need for more computer facilities (like the Stewart Commons Resource Room) where professors can sign out class time."

The biggest problems are in the delays students face when using the public computers, according to George Markowsky, professor of computer science. "It's especially hard for students who don't live on campus to make extra trips or wait hours for access to computers that are supposed to save you time. Even on campus, students have better things to do than make trips to see if computers are free."

It was in 1985 that UM got a "valuable shot in the arm" with a \$1.3 million bond issue earmarked for the purchase of academic personal computers, said Markowsky, former chair of the Campus Wide Task Force on Computing that issued a report recommending how the monies should be spent. Today, it is disappointing, he said, that "no major money except bond issue money has been spent on public computers in six years."

"With our Introduction to Personal Computers course (COS 100), we typically have enrollments of 300-500 students a semester. That's a lot of people who need access on a weekly basis," Markowsky said. "And once they get to appreciate the advantages of using computers, they want to keep using them. At the same time, there's a steady

increase in the use of computers by professors in their classes.

"Providing public computers for students is something that has not received the attention it deserves."

The level of frustration among students trying to use the limited number of public computers is evident, according to Brent Thompson, CIT coordinator of microcomputer support and instructional technology. "Students may be putting up with it because they don't think it's going to change, but they see a need for change," he said. The repair bills on the older computer equipment, including "keyboards banged on 10 hours a day every day," increase yearly with waiting lines for computers aggravated even further by workstations that go down and are out of commission waiting for parts to be ordered or for maintenance.

"The phenomenon is that 1985 usage was not as great as it is now," said Scott, "yet our holdings have not gone up. Without a plan for the public access to computers, we'll keep repairing computers. But when the computers are gone, where will the source of funding come from to replace them?"

Indeed, Thompson said, up until the equipping of the Resource Center in Stewart, there was no general computer lab available on campus for both faculty and student use of DOS and Mac programs. "This," he said of the Resource Center, "is a start."

Put It In Perspective

Have you got a story idea for *Maine Perspective*?

Perhaps you know of a University of Maine faculty or staff member, a student or alumna/alumnus who is doing something extraordinary on or off campus. Perhaps there's an issue that you would like to see addressed, or an unsung heroine/hero who deserves recognition. We'd like to hear from you. Give us a call, x3745, or drop us a note: *Maine Perspective*, Public Affairs.

UM Calendar

February 11-25

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to:

Maine Perspective Calendar
Public Affairs.

Calendar of events listings MUST be typewritten and should be sent AT LEAST TWO WEEKS in advance.

Deadline for each issue: 9 a.m. Friday

For more information, call x3745.

"Filters in the University of Maine's Scientific and Technical Pipeline: Are They Different for Women and Men?" by Ann Schonberger, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Feb. 12, Bangor Lounges, Union.

"The Renovation and Development of the Lyle Littlefield Ornamental Trial Garden," by Paul Cappiello, part of the Department of Plant, Soil and Environmental Sciences Seminar series, 3:10 p.m., Feb. 12, 17 Deering Hall. x2997.

Cooperative Education Advisory Committee Meeting, 3:30-5 p.m., Feb. 12, Bodwell Lounge, Maine Center for the Arts. x1344.

Film: "Cry Freedom," part of Black History Month, 7 p.m., Feb. 12, 101 Neville Hall. x1417.

13 Wednesday

"Lemons to Lemonade: Successful Approaches to the Employee with a Bad Attitude," MGT038, a Management Programs seminar by Patricia Williams, consultant in human resource and organization development, 9 a.m.-4 p.m., Feb. 13, Hilltop Conference Room. Admission. x4092.

Ash Wednesday Ecumenical Service, noon, Feb. 13, Bangor Lounges, Union, sponsored by the Orono Campus Ministries. 866-4227.

"A Day at the Races," a No Popcorn Cinema presentation, noon, Feb. 13, Sutton Lounge, Union. x1734.

Hudson Museum Films: "Lucy Covington: Native American Indian" and "Abnaki: The Native People of Maine," 12:10 p.m. and 4:30 p.m., Feb. 13, Bodwell Dining Area, Maine Center for the Arts. x1901.

"VMBF: Batch Processing in Release 6 of CMS," a CAPS seminar with consultant Eloise Kleban, 3 p.m., Feb. 13, 227 Neville Hall. x3518.

Women's Basketball with Northeastern, 7:30 p.m., Feb. 13, Bangor Auditorium. xBEAR.

Movie: "Henry and June," 7 p.m. and 9 p.m., Feb. 13, 130 Little Hall. x1734.

"The Politics of Writing," a lecture by Samuel Delany, novelist, essayist, African-American gay activist, part of Black History Month, 8 p.m., Feb. 13, 101 Neville Hall. x3816.

14 Thursday

Love Carefully Day Observance featuring information tables in the Union, 10 a.m.-2 p.m., Feb. 14. x4197.

"The History of Aquaculture in Maine," by Herb Hindu, part of the Topics in Aquaculture Series, 11 a.m., Feb. 14, 21 Rogers Hall.

Panel: Students and Socialism, with Marc Larrivee and other panelists, 12:20 p.m., Feb. 14, Sutton Lounge, Union. x3860.

Women's Center Meeting, 3-5 p.m., Feb. 14, South Bangor Lounge, Union. x1656.

"Freud: Dreams," an Honors 202 lecture by Gordon Kulberg, 3:10 p.m., Feb. 14, 100 Neville Hall. x2777.

"The Impact of Interpersonal Conflict on Relationships During Childhood and Adolescence," by Brett Laursen, part of the Psychology Seminar Series, 3:30 p.m., Feb. 14, Mee Room, 350 Little Hall.

11 Monday

"Raging Bull," a No Popcorn Cinema presentation, noon, Feb. 11, Sutton Lounge, Union. x1734.

Monday Jazz, 12:15 p.m., Feb. 11, Bangor Lounges, Union. x1734.

GAB (Getting Acquainted Better) Orientation, 6:30 p.m., Feb. 11, Sutton Lounge, Union. x1734.

A Public Reading by Samuel Delany, novelist, essayist, African-American and gay activist, 8 p.m., Feb. 11, 100 Neville Hall. x3816.

12 Tuesday

"The Ecology of Lyme Disease in Maine," by Robert Smith, Eleanor Lacombe and Peter Rand, Maine Medical Center, Portland, noon, Feb. 12, 204 Nutting Hall.

"Do The Right Thing," a No Popcorn Cinema presentation, noon, Feb. 12, Sutton Lounge, Union. x1734.

14 Thursday

"Modelling Stochastic Effects in Populations of Furbish's Lousewort," a Plant Biology and Pathology Department Seminar by Sue Gawler, Maine State Natural Heritage, 4:10 p.m., Feb. 14, 113 Deering Hall.

"Raging Bull," a No Popcorn Cinema presentation, 7 p.m., Feb. 14, Com-muter/NTS Lounge, Union. x1734.

Movie: "Henry and June," 7 p.m. and 9 p.m., Feb. 14, 130 Little Hall. x1734.

Coffee House, Movie, 7 p.m.; Music, 8 p.m., Feb. 14, Ram's Horn. x1734.

UM Ca

Film: "State of Siege," part of the Peace & Justice Film Festival, 7 p.m., Feb. 14, 101 Neville Hall.

ONGOING

National Condom Week Observance featuring information tables in the Union, 10 a.m.-2 p.m., Feb. 11-15. x4197.

Planetarium February Vacation Shows: "Our Sky Family," ages 5-8, 1 p.m., Feb. 18, 20 and 22; "Professor Noah's Spaceship," ages 5-9, 3 p.m., Feb. 18 and 22; "Life Beyond Earth," ages 11-adult, 3 p.m., Feb. 19-21; and "Worlds of Wonder," ages 9-adult, 1 p.m., Feb. 19 and 21, Wingate Hall. Admission. x1341.

Threepenny Opera, by Bertolt Brecht, directed by Tom Mikotowicz, a Maine Masque Production, Feb. 21-23, 8 p.m.; Feb. 22, 24, 2 p.m., Hauck Auditorium. Admission (students free with ID). x1755.

Skate With Us, ice skating for preschoolers to adult, through Feb. 23, Alfond Arena. x1103.

"Play is Child's Work: Toys from Around the World," an international toy exhibit, through Feb. 24, Hudson Museum. x1901.

"Professor Noah's Spaceship," a Planetarium program for children ages 5 and older, every Friday at 6:30 p.m. and every Sunday at 2 p.m. through Feb. 24. Admission. x1341.

Certificate in Management: Business Law, MGT505, a Management Programs certificate course by Martha Broderick, Mondays 6-9 p.m., Feb. 25-March 25, 125 Barrows Hall. Admission. x4092.

"Higher Nature - Wider Views. Bert L. Call, Poetic Observer," a photography exhibit, through Feb. 28, Hole in the Wall Gallery, Union. x3255.

"Scraps of Life: Chilean Arpilleras," an exhibit of small applique and embroidered wall hangings showing scenes of everyday life in Chile - an exhibit viewed as a symbol of resistance by the Chilean government, through March 3, Hudson Museum. x1901.

"The Graphic Arts Workshop: Selections from the 5 Printmakers Portfolio," 8 a.m.-10 p.m., through March 15, Memorial Union Graphics Gallery. x3255.

Loved Ones in the Middle East Support Group, for friends and family members of those who are involved in Operation Desert Storm, sponsored by the Counseling Center, facilitated by Liane Hamrick, Mondays, 3:30-5 p.m., Counseling Center, Fernald Hall. x1392.

Peace Club Meeting, 5 p.m., Mondays, Stodder Private Dining Room. x2509.

Yoga and Meditation, every Tuesday, 7:30-8:30 a.m., Wilson Center, 67 College Ave., 866-4227.

Masters Swim Program for intermediate to highly skilled swimmers interested in working out in a structured setting with some instruction and monitoring, 11-11:45 a.m., Monday, Wednesday, Friday, Wallace Pool, Memorial Gym. Admission. x1082.

Senior Swim Exercise Class for those 55 and older to improve their cardiovascular fitness, flexibility and stroke improvement. Ann Skalski, a fellow senior, will be the instructor. 10-11 a.m., Monday and Wednesday, Wallace Pool, Memorial Gym. Admission. x1082.

Support Group for Students with Learning Disabilities, every Tuesday, 3-4:30 p.m., Old Town Room, Union. x2311.

Support Group for Parents of Children with Special Needs, every Wednesday, 3-4:30 p.m., Old Town Room, Union. x2311.

University of Maine Archaeological Society Meeting, every Wednesday, 7 p.m., Sutton Lounge, Union. x1894.

Ecumenical Bible Reflection, every Thursday, noon-1 p.m., Stodder Private Dining Room. 866-4227.

Campus Crusade for Christ, every Thursday, 7:30 p.m., North Bangor Lounge, Union. 866-2830.

International Coffee Hour, 4:30 p.m., Friday, Bangor Lounge, Union.

Worship and Celebration, every Sunday, 5-6 p.m., followed by a light supper, Wilson Center, 67 College Ave. 866-4227.

Foreign Language Brown Bag Lunch Tables: French-Monday; Russian-Tuesday; German-Wednesday; and Spanish-Thursday. Interested people are encouraged to bring brown bag lunches. All tables will be held in 207 Little Hall, noon-1 p.m. x2073.

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Thursday Night at the Bear's Den,
8 p.m., Feb. 14, Bear's Den. x1734.

15 Friday

"Professional Telephone Skills: You Are the Voice of Your Organization," MGT039, a Management Programs seminar by Liz Ashe, communications and training specialist, Affiliated Healthcare Systems of Bangor, 9 a.m.-4 p.m., Feb. 15, Hilltop Conference Room. Admission. x4092.

Women's Swimming with New England, 11 a.m. and 7 p.m., Feb. 15, Wallace Pool. xBEAR.

"A Conservationist's Tour of New Zealand," a Forestry Noon-time Seminar by Mac Hunter, noon, Feb. 15, 204 Nutting Hall. x2897.

"The Guys with the Black Hats: An Industry Perspective," a Department of Zoology Faculty/Student Colloquium by Steve Shepard, noon, Feb. 15, 103 Murray Hall. x2546.

"Population Structure of Gulf of Maine Whales," a Migratory Fish Research Institute Spring Seminar by Steve Katona, College of the Atlantic, 3:10 p.m., Feb. 15, 102 Murray.

End of 1st Third of Semester for Withdrawals, 4:30 p.m., Feb. 15.

"Native American Spiritually: A Path to Peace," by Eunice Baumann-Nelson, author of *The Wabanaki*, and first Native American to graduate from the University of Maine, 7 p.m., Feb. 15, Bodwell Dining Area, Maine Center for the Arts. Admission. x1731.

"Do the Right Thing," a No Popcorn Cinema presentation, 7 p.m., Feb. 15, Commuter/NTS Lounge, Union. x1734.

Ice Hockey with Merrimack, 7 p.m., Feb. 15, Alford Arena. xBEAR.

16 Saturday

"Personal Transformation and Global Peace," by Kyriacos Markides, 8:30 a.m.-4 p.m., Feb. 16, Hilltop Conference Room. Admission. x1731.

Women's Swimming with New England, 11 a.m. and 7 p.m., Feb. 16, Wallace Pool. xBEAR.

Ice Hockey with Merrimack, 7 p.m., Feb. 16, Alford Arena. xBEAR.

"A Day at the Races," a No Popcorn Cinema presentation, 7 p.m., Feb. 16, Commuter/NTS Lounge, Union. x1734.

First Annual Black History Month Semi-Formal Dance, part of Black History Month, 8 p.m., Feb. 16, Peabody Room, Union. Admission. x1417.

Recital by Pianist Emanuel Ax, featuring readings of Chopin and Schumann, 8 p.m., Feb. 16, Hutchins Concert Hall. Admission. x1755.

After Hours Series with singer/songwriter Barb Schloff, 8 p.m., Feb. 16, Bear's Den. x1734.

Chemical-free Valentine's Dance with DJ John Ostuni, bring your favorite dance music on CD or cassette, 8:30 p.m.-1 a.m., Feb. 16, Ballroom, University College. Admission. x2102.

17 Sunday

Women's Swimming with New England, 11 a.m. and 5:30 p.m., Feb. 17, Wallace Pool. xBEAR.

18 Monday

"To Live and Die in LA," a No Popcorn Cinema presentation, noon, Feb. 18, Sutton Lounge, Union. x1734.

Monday Jazz, 12:20 p.m., Feb. 18, Bangor Lounge, Union. x1734.

"Introduction to Document Preparation with LaTeX," a Computer Science Department Seminar by Jim Kadin, 3:10 p.m., Feb. 18, 108 Neville Hall. x3940.

Special Meeting of the Faculty Senate for a presentation of the budget reduction recommendations, 3:15 p.m., Feb. 18, Sutton Lounge, Union. x1167.

19 Tuesday

"The Candidate," a No Popcorn Cinema presentation, noon, Feb. 19, Sutton Lounge, Union. x1734.

"Sex Equity in the Science Classroom as a Criterion for Teaching Excellence," by Kate Scantlebury, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Feb. 19, Bangor Lounges, Union. x1226.

"Current Practices and Future Outlook of Sludge Management in Europe," a Plant, Soil and Environmental Sciences Seminar by Greg White, 3:10 p.m., Feb. 19, 17 Deering Hall. x2997.

"Introduction to UNIX," a CAPS Seminar with consultant Betty Johnson, 3:30 p.m., Feb. 19, 227 Neville Hall. x3518.

Film: "The Color Purple," part of Black History Month, 7 p.m., Feb. 19, 101 Neville Hall. x1417.

"Surviving in the Writing Game," by writers Frank Levering and Wanda Urbanska, 8 p.m., Feb. 19, 120 Little Hall. x3819.

20 Wednesday

"Taking Stock, Moving On: A Workshop in Life and Career Renewal," MGT040, a Management Programs seminar, by David Sanderson, Organizational Consultant, 9 a.m.-4 p.m., Feb. 20, Hilltop Conference Room. Admission. x4092.

"Great Balls of Fire," a No Popcorn Cinema presentation, noon, Feb. 20, Sutton Lounge, Union. x1734.

20 Wednesday

Women's Center Meeting, 3 p.m., Feb. 20, South Bangor Lounge, Union. x1656.

"Introduction to the Macintosh, Part 1," a CAPS Seminar with consultant Eloise Kleban, 3 p.m., Feb. 20, 227 Neville Hall. x3518.

"Toward a Model of Simultaneous Color Contrast in Map Displays," by Matt McGranaghan, visiting professor, National Center for Geographic Information and Analysis, 3:10 p.m., Feb. 20, 244 Boardman Hall. x2149.

Kodo, a Japanese ensemble of music, movement and ritual, 7 p.m., Feb. 20, Hutchins Concert Hall. Admission. x1755.

Movie: "Quick Change," 7 p.m. and 9 p.m., Feb. 20, 130 Little Hall. x1734.

21 Thursday

"Where Did All the Money Go?" by Robert Prasch, part of the Socialist and Marxist Studies Luncheon Series, 12:20 p.m., Feb. 21, Sutton Lounge, Union. x3860.

"To Live and Die in LA," a No Popcorn Cinema presentation, 7 p.m., Feb. 21, Commuter/NTS Lounge, Union.

Film: "Paul Robeson: Portrait of An Artist," part of Black History Month and the Peace & Justice Film Series, 7 p.m., Feb. 21, 101 Neville Hall. x1417.

Coffee House: Movie, 7 p.m., Music, 8 p.m., Feb. 21, Ram's Horn. x1734.

Movie: "Quick Change," 7 p.m. and 9 p.m., Feb. 21, 130 Little Hall. x1734.

Thursday Night at the Bear's Den, 8 p.m., Feb. 21, Bear's Den, Union. x1734.



Calendar

22 Friday

"Business Law For Business People: An Introduction to Basic Legal Concepts," MGT041, a Management Programs seminar by Martha Broderick, attorney at law, Broderick & Broderick, 9 a.m.-4 p.m., Feb. 22, Hilltop Conference Room. Admission. x4092.

Black Poetry Reading part of Black History Month, by Bernice Magnus-Brown, from selected works of Michael Harper, Gwendolyn Brooks and Claude McKay, 6:30 p.m., Feb. 22, Peabody Lounge, Union. x1417.

"The Candidate," a No Popcorn Cinema presentation, 7 p.m., Feb. 22, Commuter/NTS Lounge, Union. x1734.

Comedy Series with Charlie Hall, 9 p.m., Feb. 22, Damn Yankee, Union. Admission. x1734.

23 Saturday

"Great Balls of Fire," a No Popcorn Cinema presentation, 7 p.m., Feb. 23, Commuter/NTS Lounge, Union. x1734.

The Counseling Center offers the following groups for the spring semester:

General Therapy led by Russ Whitman and Paula Bickham, Thursday, 4-5:30 p.m.

Graduate Students and Returning Adults led by Doug Johnson and April Colburn, Monday, 3:30-5 p.m.; and Tuesday led by Doug Johnson and Paula Bickham, 3:30-5 p.m.

The Women's Group led by Liane Hamrick and Kai Kirby, Friday, 11-12:30 p.m.

Gay/Lesbian/Bisexual Support Group, facilitated by Russ Whitman and Mary Kay Kasper, Monday, 4-5:30 p.m.

International Pot Luck Supper, 7 p.m., Feb. 23, Wells Commons.

Women's Basketball with Hartford, 7:30 p.m., Feb. 23, Memorial Gym. xBEAR.

Performance by the Desrosiers Dance Theatre of Toronto, dance, theater, mime, tai-chi and acrobatics, 8 p.m., Feb. 23, Hutchins Concert Hall. Admission. x1755.

24 Sunday

The Franciscan Quartet, an all-woman ensemble, with pianist Peter Orth, performing works of Beethoven, Brahms, Handel and Liebermann, 3 p.m., Feb. 24, Hutchins Concert Hall. Admission. x1755.

25 Monday

"Monty Python's Meaning of Life," a No Popcorn Cinema presentation, noon, Feb. 25, Sutton Lounge, Union. x1734.

Monday Jazz, 12:20 p.m., Feb. 25, Bangor Lounges, Union.



The Men's Group led by Doug Johnson and Ken Dugan, Thursday, 3:30-5 p.m.

Eating Issues led by April Colburn and Gerard Saucier, Tuesday, 3:30-5 p.m.

ACOA/Troubled Families Group led by Bill Andrews and Ken Dugan, Monday, 3:30-5 p.m.; and Tuesday led by Bill Andrews and John Bowling, 3:30-5 p.m.

Incest Survivors Group led by Liane Hamrick and Kai Kirby, Thursday, 3:30-5 p.m.
For information, call x1392 or x4020.



Career Center

Special Notes:

Internships In Environmental Studies:

A representative from the Atlantic Center For Environmental Studies will be on campus Feb. 13, 3-4:30 p.m., 1912 Room, Union, to talk with students and conduct interviews for summer internships. The Center is especially interested in recruiting more students from Maine to participate in its programs. Faculty in wildlife, geology, plant and soil sciences, and natural resources will be receiving more information from the Center to help promote these environmental internships. Additional opportunities for learning more about the Atlantic Center for Environmental Studies are tentatively being planned for Feb. 13. For more information, call Cathy Marquez, Summer Jobs and Internships Program coordinator, x1359.

A new resource for locating job openings in Technical, Computer Software and Information Systems settings is now available at the Career Center. The Field Guide To Computer Careers



Publications

Robert Klose, assist. prof. of biological science: "Blood Clotting," Magill's Survey of Science: Life Science (January 1991).

Raymie McKerrow, prof. of speech communication: "Critical Rhetoric and Propaganda Studies," Communication Yearbook, 14 (1991) pp. 249-255.

John Singer, assist. prof. of microbiology, **Katherine Schmidt**, grad. student, and **Paul Reno**, microbiologist, Oregon State University: "Polypeptides p40, p0M2, and pAngR are Required for Iron Uptake and for Virulence of the Marine Fish Pathogen *Vibrio anguillarum* 775" Journal of Bacteriology, Vol. 173, 3 (1991) pp. 1347-1352.

lists 4,500 full-time positions and more than 1,000 internships and co-ops. Employers included in the Guide are looking for prospective employees majoring in liberal arts (with computer course work and/or experience), electrical engineering, computer science and business. Stop by the Career Center, Wingate Hall, for a copy.

Employer Information Sessions: The following employers are holding information sessions open to all interested students and faculty. All are in the Union:
Feb. 10 - BE&K Inc., 7 p.m., FFA Room
Feb. 13 - Agway Inc., 7 p.m., FFA Room
Feb. 14 - National Semiconductor/So. Portland, 7 p.m., FFA Room

Employment Interviews: The following companies are scheduled to conduct employment interviews with graduating students at the Career Center this week:
Feb. 11 — BE&K Inc.; UNUM Life Ins.

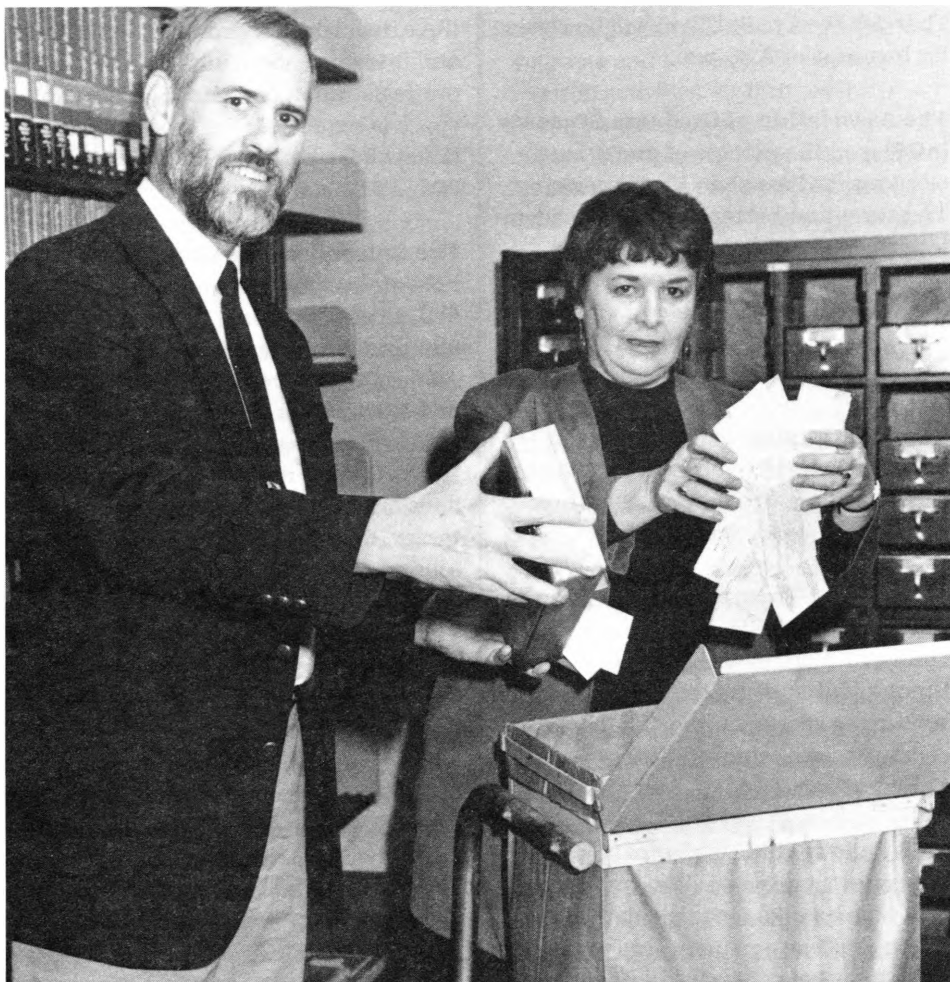
Co. (Programmers); Wangner Systems, Inc.

Feb. 12 - Lever Brothers Co.; Patriot Paper Corp.

Feb. 13 - UNUM Life Ins. Co. (Fin. Mgt. Prog.); Wellby Super Drug/Hannaford

Feb. 14 - Agway Inc.; Cianbro Corp.

Feb. 15 - Bath Iron Works; National Semiconductor/So. Portland



At the University College Library last week it was out with the old and in with the new as the card catalog was replaced by the URSUS computer system, which links all library catalogs in the University of Maine System. Taking part in the Card Catalog Closing Celebration at the Library on the University of Maine Bangor Campus were, left to right, Sam Garwood, assistant University librarian, and Judith Nottage, branch librarian. The old card catalog system has been donated to the Baxter School for the Deaf.

Photo by Keith Dresser



Campus Notes

The Recreational Sports Department

is sponsoring instructional workshops for beginners in racquetball, cross country skiing and skate skiing. The Racquetball Workshop will be 4:30-6 p.m., Feb. 11 and Feb. 14, with a limit of 12 people. Registration fee: \$3. The Cross Country Ski Workshop will be 11 a.m.-12:30 p.m. Feb. 17. Fee: \$8. The Skate Skiing Workshop will be 12:45-2:15 p.m. Feb. 17. Fee: \$8. Sign up at the Recreational Sports Office, 140 Memorial Gym. Spaces in workshops are limited so sign up soon. Workshops are open to members of the University community.

The Credit Union will be holding its 24th Annual Meeting 4:30 p.m. Feb. 20, Hilltop Commons Conference Room. That day the Credit Union will be closing for business at 3:30 p.m.

The Association of Graduate Students (AGS) is in the process of preparing for elections for President, Vice-President, Treasurer and Secretary for the academic year 1991-1992. Nominations for these positions are being accepted by the AGS. Anyone interested in more information should call the AGS Office, x4548, or contact Paul Bologna, x3322.

The Credit Union will be closed for business Feb. 18 to observe President's Day. The drive-up will reopen for business 7 a.m., lobby 9 a.m. Feb. 19.

Adieu Brent Thompson: A reception will be held 3-5 p.m. Feb. 15, Sutton Lounge, Union, to wish great things to Brent as he embarks on a new work venture as coordinator for academic computing at Dickinson College, Carlisle, Penn.

CMS Fellowships: As part of its commitment to marine studies, the University of Maine seeks to matriculate and retain excellent graduate students in various aspects of marine studies. Therefore, several research assistantships will be available for students wishing to enter or continue graduate studies in any marine program at the University. Assistantships will be award-

ed for one year with potential renewal for one additional year. The stipend from the Center for Marine Studies is \$7,000 for nine months plus tuition. The Center will support students pursuing degrees in any of the marine fields represented at the University of Maine. Fellowship application/nomination forms are available from: Center for Marine Studies, Coburn Hall, x1435. Deadline: March 18.

A Baby Boomer Seminar offered by CU Financial Services, an affiliate of the UM Credit Union, will be held at the Credit Union office, 4:30 p.m., Feb. 12. The seminar is designed to help baby boomers better manage their assets. The topics will include: 401k's; 403B's; IRA's; investing for growth; tax shelters; and insurance. Seminars are free but pre-registration or a check on available space is requested. For more information, call Dawn Honey, x1458 or 1-800-696-UMCU.

The Cultural Affairs Committee will hold an informational meeting 4 p.m., Feb. 11, Sutton Lounge, Union. Those interested in applying for Cultural Affairs Committee Grants for summer and fall 1991, or spring 1992, should attend. Final deadline for proposals is March 29. For more information, guidelines or proposals, contact Tom Mikotowicz, Department of Theatre/Dance, Alumni Hall, x1965.

The Faculty Research Funds Committee announces a deadline of March 20 for receipt of nominations for the Presidential Research & Creative Achievement Award. This award (in the amount of \$1,500) is made to a faculty member who has attained distinction in research or creative achievement. Nomination forms are available in the Office of the Assistant Vice President for Research, 201 Alumni Hall, x1498.

The Student Meeting and Conference Travel Fund for Undergraduate Students will hold its second competition of the academic year. This fund serves undergraduate students who need

financial assistance for travel to meetings/conferences of an academic nature. Applications must be submitted to the Office of Academic Affairs, 209 Alumni Hall, by Feb. 8. Money will be awarded for travel taking place between Feb. 8-May 3. Applications can be obtained at the Office of Academic Affairs, x1547.

The deadline for withdrawing from the University at the end of the first third of the semester is Feb. 15, 4:30 p.m. Students who are considering withdrawal from the University should report to Dwight Rideout, Dean of Student Services, Union, for information about the correct procedure. Before making a final decision, however, students are urged to explore all possible options that might help them to complete the semester. If a student withdraws from the University during the first third of a semester, all courses for that semester will be deleted from the student's record and only an entry typed on the record stating that the withdrawal (and date) had been accomplished.

International Friendship Family Program welcomes those who would like to extend friendship to an international student during the academic year. This is not a "live in" program and there is no financial responsibility. You would have the opportunity to make an international friend, learn about another culture, and offer your hospitality (a meal, a walk, or conversation). Your friendship can make a difference. If you are interested in participating, or would like more information, contact Nancy Anchors, International Student Office, x1825.

Readers who are concerned that *Maine Perspective* arrives several days after the publishing date due to third-class mailing can now subscribe for \$18. By subscribing, readers will be ensured that the publication is mailed first class.

Budget Update: Setting Priorities and Evaluation Criteria

Editor's Note: The following statement was released by University of Maine President Dale Lick during a budget presentation for the University community Feb. 1.

Statement of Priorities and Evaluation Criteria

The educational challenges and fiscal exigencies of the 1990s require that the University of Maine become a more clearly focused and streamlined institution if it is to effectively continue to pursue its land-grant and sea-grant mission as the flagship campus of the University of Maine System. The following statement of institutional priorities and evaluation criteria is intended to establish a framework for the budget and program decisions that we will be making over the next few months as we develop plans to cope with decreased resources that result from current economic conditions.

The critical elements of the University's mission were identified in the 1986 Report of the Visiting Committee to the University of Maine which included the recommendation that the University of Maine "...be strengthened as a research and doctoral institution, benefiting its historic role as the state's land-grant university, and that its graduate offerings rest upon a first-class undergraduate educational program." Approved by the Board of Trustees in 1986, this statement provides the basis for the selection of the institutional priorities and evaluations criteria that will guide our planning and budgeting activities for the next several years. Budget priorities must be directly related to the University's mission to ensure that adequate resources are provided to those activities central to meeting our responsibilities. A shared understanding of mission is particularly critical as the campus begins to identify ways in which to meet targets for budget reduction set by the Board of Trustees.

Consistent with the Visiting Committee report, the priorities of the University of Maine continue to be the provision of: (1) a strong undergraduate educational program and (2) quality graduate education and research. The form of these activities is shaped by our land-grant origins. Part of the original land-grant charge was a mandate to provide "practical edu-

cation" - an aspect of the land-grant mission that gave rise to the inclusion of professional programs as a significant component of the educational offerings of land-grant universities. Another part of the charge was to provide instruction in the liberal arts and sciences. The execution of both tasks will continue as priority elements of our instructional mission.

In addition to teaching and research, the third element of the tripartite land-grant mission is service. Service is inherent in the societal impact of the teaching and research functions of the institution. It is also reflected as a distant activity through organized service units. Of lesser priority than teaching and research, especially during hard times of financial downsizing, service, nevertheless, continues to be a distinctive and important component of the overall activities of the institution, which must be maintained.

Priorities for Undergraduate Education

The foundation for a strong undergraduate education is the liberal arts and sciences. There is no higher institutional priority than the continued provision of the liberal arts and sciences courses central to the undergraduate education of all students. The intrinsic value of the liberal arts and sciences also requires that appropriate offerings be available to students who major in these disciplines.

Professional education, the historic hallmark of the land-grant and sea-grant university, will continue to be a high priority for this institution. Criteria for support of professional education include: statewide need and demand for professional programs, appropriateness of programs to the institutional mission, and institutional responsibility for programs in areas where the University has special and significant resources not generally available elsewhere.

Priorities for Graduate Education and Research

Graduate education and research continue among our highest priorities. However, these resource constraints that we envision, for at least the next few years, limit the opportunities for significant expansion of graduate education and

research. Nevertheless, we reaffirm our role as the primary graduate and research institution in Maine. We will continue to move toward our long-term goal of increased support for graduate education and research. Our highest priority in this area will be to provide graduate education and research programs that address the current and anticipated future needs of the people of the State of Maine. High priority will also be given to those areas where we can demonstrate that we have the ability to be competitive nationally with quality programs that enhance our status as a graduate research institution.

Priorities for Public Service

We acknowledge our continuing commitment to service. Two significant ways in which our service mission is fulfilled are through the provision of professional programs and through our applied research activities. A third means is through outreach programs to the community. The focus of our service activities will continue to be the people of Maine. We will continue to support public service units and programs that address significant state needs. Priority will be given to those areas where we can employ our special expertise and unique resources.

Priorities for Institutional Support Services

The instructional, research, and public service missions of the institution are supported, complemented and augmented by a variety of service and administrative functions, as well as by programs that create the cultural, social, recreational and physical environment of the campus. Service and administrative units provide necessary institutional services and extend the learning environment outside of the classroom. Quality cultural offerings, quality athletic programs, an attractive physical environment, and social, educational, and recreational activities make important contributions to the mission of the institution. They also contribute positively to the recruitment and retention of students. Their relevance to the support of the instructional, research, and public service mission of the institution is the

continued next page

Budget *continued from page 9*

primary determinant to the priority accorded to each. The criteria for evaluation of units that provide support services or for programs that contribute to the environment of the campus will be the same as those applied to instructional, research and public service units.

Criteria for Evaluating Programs and Services

In order to attain our priorities in the face of diminishing resources, we are increasingly compelled to focus on identifying, preserving and supporting the central and essential functions of this institution. We must have criteria with which to assess programs and services, and greater attention must be paid to assessing the contribution of each part to our institution to the whole. The first set of criteria, below, will be used to identify the programs and services that are critical to carrying out our mission. The second set of criteria will be used to assess how efficiently and effectively we employ available resources.

Criteria for Program and Service Prioritization

1. Quality - If we are to attain our goals, quality must be our primary concern. Where quality is lacking in programs central to our mission, the problems contributing to lack of quality must be addressed. In areas that are less critical to the institutional mission, lack of quality is adequate reason for program restructuring, reduction, suspension or elimination.

2. Centrality - Centrality to the mission of the institution will be a significant criterion for identifying the breadth of the program inventory that can be supported. In order to ensure quality, less central programs and services that are otherwise desirable may need to be reduced, restructured, suspended or eliminated.

3. Demand - Program demand will be an important consideration in assessing the programmatic and service responsibilities of the University, particularly in areas where the demand is not met elsewhere. Effective and efficient use of resources and the institution's fiscal health require that demand be a significant consideration in the evaluation of

programs and services.

4. Comparative Advantage - A fourth criterion for assessing programs and services is the extent to which the institution is benefited because a program offering is sufficiently distinctive to attract resources, recognition or otherwise provide the institution with unusual benefits.

Criteria for Assessing Effective Resource Utilization

1. Program Cost - The obligation to ensure that resources are used efficiently and effectively requires that all programs and services be reviewed to ensure that least costly alternatives, consistent with quality, have been employed in the design and delivery of programs and services. Alternative administrative structures, cost-effectiveness of individual program components, and options for alternatives for the provision of services and programs are relevant issues in the review of cost-effectiveness.

2. Productivity - In addition to cost,

productivity of all programs will be assessed to ensure that resources committed to programs and services are being employed in a way that maximizes the benefits of the resources in relationship to the institution's missions and goals. Productivity of functional components of programs and services relative to the institutional goals they serve, as well as overall productivity, are pertinent issues for evaluation.

Conclusion

This statement of priorities and evaluation criteria has been developed to provide guidance to those individuals and groups who will be participating in institutional planning and budgeting activities. Increasingly difficult choices require refocusing institutional resources on activities that are essential to and directly support the mission of the University of Maine. The guiding principle for the institution is to "do the right things and to do them well" to make the University of Maine an even stronger university in the future.

Critical Questions:

Where do we want to be in 1995? In 2000?
How do we reduce and still go forward?

PRORATION OF FY92 BUDGET REDUCTIONS (\$1,000s)

DIVISION	REGULAR PRORATION	REDUCTION PRORATION	\$2.5M	\$5M
Academic Affairs	0.54	0.48	1,193	2,386
Res. & Pub. Service	0.16	0.14	348	696
Administration	0.22	0.25	621	1,243
Student Affairs	0.05	0.09	224	447
Development	0.01	0.01	25	50
President & Staff	0.02	0.03	75	149
	1.00	1.00	2,485	4,970

SOME KEY NUMBERS

	SGAP	
FY92 Trustees Request - Part 1	\$163.7	\$0.0
Governor's Recommendation (Unfunded)	\$154.7	\$9.0
(Revises Trustees' Part 1 Request Downward: 7% Pay Raise Not Included)		
FY91 Appropriation (September)	\$146.0	\$17.7
Revised FY91 Appropriation (January)	\$144.4	\$19.3
(Reduced by \$1.6 Million)		
Governor's Budget "Target"	\$133.5	\$30.2
(Funding Level Actually Proposed Based on Currently Projected State Revenues)		



Editor's Note: Development Matters is a bimonthly series of articles written to explain the role, purpose and scope of fund-raising programs and services provided by the Office of University Development.

It may come as a surprise to some, but 4-H is not just cows and cooking anymore! The time-honored 4-H program in Maine currently involves more than 23,000 youth in towns, cities and on the farm. Today 4-H is everything from hands-on education in recycling to active participation in various civic community projects. The 4-H golden rule of "learning by doing" permeates all 4-H projects, whether they involve animals, photography or clothing. For over 25 years, legions of Maine youth have ben-

efited from 4-H programs. 4-H alumni include former U.S. Sen. Edmund Muskie, former CEO of Kodak Colby Chandler, and Maine House Speaker John Martin.

As part of the University's Cooperative Extension, the Maine 4-H program is the largest youth outreach effort sponsored by the University of Maine. Cooperative Extension faculty and staff, based in Orono and in 15 county offices statewide, extend the knowledge and research of the University to educational programs for youth in their local communities. They work in close association with volunteer leaders. These volunteers have long provided an added dimension to the 4-H program.

The Pine Tree State 4-H Club Foundation was established by a group of local

business people some 30 years ago to provide the funds necessary for a variety of educational programs. These programs include trips for state winners to the National 4-H Congress in Chicago and the 4-H Conference in Washington, D.C. Over the years, more than \$750,000 has been contributed to provide for the growth and enhancement of the 4-H program. As a result of this and other fund-raising activities, including an on-going endowment campaign that has raised nearly \$400,000, the Foundation's endowment is now close to \$1.5 million. The income from the endowment is used to fund the growing number of 4-H youth projects.

Housed in the University's Development Office, Crossland Hall, the 4-H Foundation raises the funds necessary to support new program development in natural resources education and for youth at-risk. The 4-H Foundation also awards post-secondary education scholarships for outstanding 4-Hers and their volunteer leaders. In 1990, the 4-H Foundation allocated \$81,000 in support of 4-H activities statewide.

Scott Johnson chairs a seven-member Board of Trustees. Johnson, executive vice president of Union Trust in Ellsworth, keeps a flock of polled dorset sheep at his Bangor farm. He succeeded Harold Chute, DVM, as president last May.

For further information about the 4-H Foundation, contact Evelyn Trotzky, resource development officer, 4-H Foundation, Crossland Hall.



Positions

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).

Assistant Professor in Accounting, College of Business Administration.

Tenure track position. Responsibilities: Teaching nine hours per semester undergraduate and MBA-level courses in accounting. Qualifications: Appropriate doctoral degree in business administration or offer substantial evidence that the degree will be completed soon. Teaching experience also desirable. Review of applications will begin immediately. Start Date: Sept. 1. For further information and to apply, contact: W. Stanley Devino, Dean, College of Business Administration, 8 South Stevens Hall.

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.

Samuel Delany, novelist, essayist, Afro-American and gay activist, will be on the University of Maine campus Feb. 11-15 as a 1991 Lloyd H. Elliott Visiting Professor.

One of the foremost American writers of speculative fiction, and the winner of both the Hugo and Nebula awards for excellence in science fiction writing, Delany will present a free public reading of his work at 8 p.m., Feb. 11, 100 Neville Hall. He also will speak on "The Politics of Writing" at 8 p.m., Feb. 13, 101 Neville Hall.

Delany is the author of some 20 books including: Dhalgren, Tales of Neveryon, Nova and Triton. His novel, Flight from Neveryon, was one of the first to address the AIDS epidemic.

The author's visit is sponsored by the Cultural Affairs Committee of the University of Maine, the Department of English, and the Lloyd H. Elliott Fund.

For more information, contact Welch Everman, UM assistant professor of English, x3816.



Sponsored Programs

Center for Alternatives to Animal Testing supports basic research needed to develop alternatives to the use of animals in safety testing of commercial products. Preproposal deadline: March 16

National Aeronautics and Space Administration's Planetary Materials and Geochemistry Program funds studies of extraterrestrial materials, of the geochemical nature of the planets and smaller bodies of the solar system, and more generally of the formation and chemical development of the solar system. Deadline: April 1

U.S. Army Corps of Engineers invites applications for cost-shared projects in

the FY91 Construction Productivity Advancement Research Program. CPAR focuses on four areas: planning and design improvement, improved construction site productivity, advanced materials, and technology transfer innovation. Deadline: April 5

American Foundation for AIDS Research invites preapplications for projects in biomedical, humanistic, and social sciences research relevant to AIDS. Project grants of up to \$50,000 and short-term travel grants of up to \$5,000 will be awarded. Deadline: April 9

Horticultural Research Institute makes small grants for research of bene-

fit to the landscape/nursery trade. Deadline: May 1

National Institutes of Health support research to prevent low birth weight in infants. Applications are invited for interdisciplinary collaboration in the study of psychosocial and/or biobehavioral mechanisms of premature labor or intrauterine growth retardation and the effectiveness of interventions to prevent low birth weight.

Assistance in identifying other sources of extramural support for creative activities is available to members of the faculty and professional staff upon request. For more information, call Sponsored Programs, x1476.



Publications

William Livingston, assist. prof. of forest resources: "Armillaria ostoyae in Young Spruce Plantations," Canadian Journal of Forest Research, 20, pp. 1773-1778.

William Stone, prof. of psychology: "El autoritarismo de izquierdas: aun sin demostrar," (Authoritarianism of the Left: Yet to be Demonstrated), Psicologia Politica (Valencia), No. 1 (1990) pp. 13-34.

Judy Kuhns-Hastings, assist. prof. of nursing, **Mary Regan Brakey**, assoc. prof. of nursing, and **Irene Marshall**, manager, Learning Resource Center: "Effectiveness of a Comprehensive Breast Cancer Screening Class to Women Residing in Rural Areas," in J.F. Wang, P.X. Simoni & C.L. Nath (eds.), Proceedings of the West Virginia Nurses' Assn. 1990 Research Symposium: Vision of Excellence: The Decade of the Nineties (1990) pp. 177-183. West Virginia Nurses' Assn. Research Conference Group.

Paul Dauphinais, grad. student in history: "A Class Act: French Canadians in Organized Sport, 1840-1910," International Journal of the History of Sport, Vol. 7 No. 3 pp. 98-108.

William Bray, assoc. prof., Dept. of Mathematics, and Donald Solman, Oregon State University: "Paley-Weiner Theorem on a Rank One Symmetric Spaces,"

Proceedings of Conference Integral Geometry and Tomographs, Contemporary Mathematics, Vol. 113 (1990) American Mathematical Society.



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