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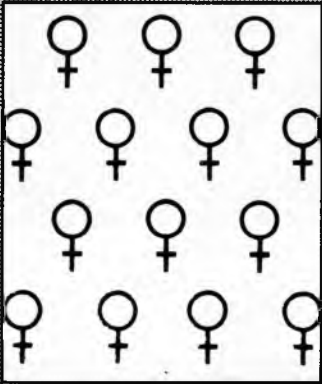
Maine Perspective

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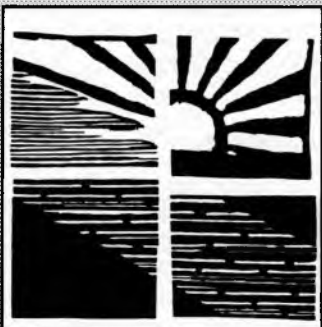
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Faculty, Staff and Students:

I want to take this opportunity to thank each of you for your excellent support of Marilyn and me during our five years at the University of Maine. Our experience here has been an especially meaningful one to us.

We leave knowing that the University's tremendously positive momentum, even with budget cuts, will carry it forward progressively into the '90s. The University has the best faculty and staff in its history, the largest and one of its best academically prepared student bodies, and many needed new facilities just completed, under construction or about to be begun.

Because of your dedicated efforts, the University of Maine has a bright and exciting future ahead.

Again, thank you for all you have done in support of my administration and me personally. Marilyn and I might not be with you physically in the future, but we will be with you in spirit.

Sincerely yours,

Changes Coming in Campus Parking

Hikes - both on foot and in costs - can be expected this fall with the start of the academic year when members of the University of Maine community begin the annual musical parking space game.

With major construction on campus, an estimated 130 parking spaces will be eliminated or temporarily out of service for the fall. The good news is two new parking lots are now in construction for use by September, adding almost 200 spaces to the 5,755 that have been available since January. The reality is that parking is moving farther and farther from the center of campus, resulting in more of a "hike" for staff and students.

The two new parking lots were financed by revenues generated by last year's parking decal fees. Those fees are increasing \$10 a decal this academic year, as set in agreements between the University of Maine and labor unions. In addition, look for fines for parking violations on campus to increase this fall.

"The ultimate goal is to generate enough money so that parking becomes a self-sufficient operation, paid for by users, as is

occurring at colleges and universities across the country as a means of saving donations, tuition and legislatively appropriated money from taxpayers for the pursuit of excellence and achievement in education, research and public service," according to Charlie Chandler, assistant director for Administrative Services in the Department of Public Safety.

Decal fees this academic year will be \$25 for students and classified employees; \$35 for faculty, professionals, administrators and classified supervisors. Decals, expected to go on sale by the end of August, will no longer be transferable to other vehicles owned by the purchaser. Decals will be affixed to windshields; the plastic decal holders of the past year are being abandoned. Public Safety has received numerous complaints in the past year about the plastic decal holders that frequently did not adhere properly to windshields, resulting in vehicles being ticketed. Owners of multiple vehicles now will be required to purchase decals for each.

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Internationally Renowned Pulp and Paper Researcher Named to J. Larcom Ober Chair

Pierre Lepoutre, a world leader in the field of paper as a surface and a researcher for the past two decades with the Pulp and Paper Research Institute of Canada, has been appointed professor of chemical engineering and J. Larcom Ober Chair in the Department of Chemical Engineering at the University of Maine.

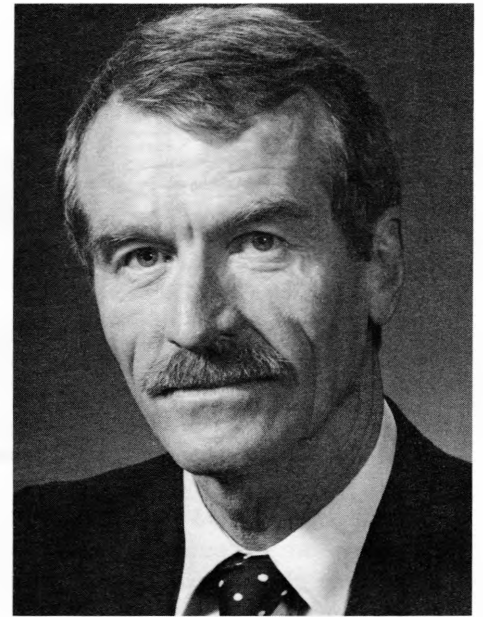
The Ober Chair is a five-year appointment for a senior researcher with a strong national and international reputation. It was established to promote excellence in chemical engineering sciences with emphasis on pulp and paper problem applications. The endowed Ober Chair, the University's first, was made possible by a bequest from alumnus J. Larcom Ober, whose lifelong career was in pulp and paper. The Ober gift was the largest single cash donation awarded to the University of Maine Foundation and will be used to establish a \$2 million endowed fund.

Since 1971, Lepoutre has worked for the Pulp and Paper Research Institute of Canada (PAPRICAN) - the premiere organization of its kind in North America. He began his career at PAPRICAN as a research engineer and then as head of the Institute's Polymer Section. In 1982, he was named director of PAPRICAN's Applied Surface Science Division, directing a team of scientists and technicians in research involving printability; paper and board coating; fillers; gluability of paper-board and corrugated board; surface treatments; and wetting and absorptivity.

Lepoutre, who received a master's degree and Ph.D. in chemical engineering from North Carolina State

University, has an extensive publication record and five patents (one pending) to his credit. He was named a principal scientist in 1989 and a Technical Association of the Pulp and Paper Industry (TAPPI) Fellow in 1988. He received a TAPPI Coating and Graphic Arts Division Award in 1987 and the Canadian Pulp and Paper Association (CPPA) Robinson Award in 1986.

A native of Roubaix, France, Lepoutre lives in Pointe Claire, Quebec.



Pierre Lepoutre

Maine Forest and Logging Museum Now Affiliated with the University of Maine

An agreement between the Maine Forest and Logging Museum Inc., and the University of Maine will boost the organization's development, operations and program capacity, and strengthen the University's educational and research opportunities.

The Museum, a non-profit state educational corporation, which includes the historical Leonard's Mills and 265 forested acres in Bradley, has become an affiliate program of the University.

The primary purpose of the Museum is to present, preserve and stimulate interest in Maine's forest and logging history through a variety of educational and recreational programs and activities. Under the agreement, the University will help plan and further develop the organization's efforts to portray and demonstrate various aspects of the industry's history and growth. Eventually, the goal includes adding to the collection of artifacts and memorabilia, and making them available to the public in a museum.

"The majority of the people in Maine make their living somehow related to the forest and the forest products industry, yet we don't have a museum detailing that history and its significance," said Christopher Murdoch, director of professional development, College of Forest Resources. The Museum is now a unit of Murdoch's office, and he serves as executive director for a five-year period.

Leonard's Mills, located on Blackman Stream, is the original site of a logging and milling community settled in the late 1780s. The Museum is in the process of constructing a working replica of that community to represent Maine's intrinsic relationship to the forest.

The University, through its Development Office, will work with the Museum to raise funds to complete the Leonard's Mills authentic early settlement complex and to provide space for a logging museum on campus. It also will assist in program planning and training Museum volunteers and employees.

Maine Perspective

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**The next monthly issue
of *Maine Perspective* will
be published July 19.
Maine Perspective will be
published again weekly
beginning Aug. 16.**

Recommendations of the UM Committee on Women's Programs Being Implemented

University of Maine President Dale Lick has announced the establishment of a Women's Resource Center and a greater overall coordination of women's programming in response to recommendations in a report of the Ad Hoc Committee on Women's Programs.

Lick's response in support of the Committee's recommendations climaxes what has been a five-year campaign to bring women's issues to the forefront at the University of Maine. In outlining the steps that will be taken to address the Committee's recommendations, Lick said they were "especially important to consolidate the progress related to the status of women at the University of Maine which has been a priority The recommendations in your report provide an important avenue for doing so."

The Ad Hoc Committee on Women's Programs was appointed by Lick on the recommendation of John Hitt, vice president for Academic Affairs, in an effort "to study the responsibilities of various programs dealing with women's issues to help clarify any existing role ambiguity among them and to recommend where various functions be structurally housed if any changes appear appropriate." The Committee, chaired by Sue Estler, director of Equal Opportunity, included chairs of the Women in the Curriculum Advisory Committee, Council on Pluralism, the Women's Resource Center Transition Team; interim chair of the Council on Women, two Women's Studies faculty and two students.

The study by the Ad Hoc Committee on Women's Programs comes after five years of substantial changes in women's programming on the UM campus. Prior to 1986, virtually all non-student programs related to women were offered under the Equal Opportunity/Women in the Curriculum umbrella. WIC became an independent program within Academic Affairs in 1986-87 in recognition of its academic mission. However, in the absence of other programs to address cultural and social programming for women, WIC functions and programs moved far beyond the academic mission. At the same time, its academic mission had evolved from faculty development in

curriculum to include the development of a Women's Studies concentration for students.

At the recommendation of the Task Force on Budget and Program Review, the WIC directorship became a part-time position, making its Women's Studies and curriculum revision components critical because there are no other programs to fill those functions that are basic to institutional change. Prior to the recommendation for change in WIC staffing, the Task Force on the Status of Women had recommended establishment of a Women's Resource Center to specifically address non-academic programming, including women's development.

Overall, the Committee found a need to "assure ongoing communication and cooperation across women's programs" to limit duplication and optimize resources.

The increase in women's programming appeared to be "generating confusion," the Committee found, and "a commitment to supportive interrelationships among programs" was needed.

In an April 10 report to Lick, the Committee made the following recommendations (Note: the following recommendations are in abbreviated form. For a full copy of the Committee report, contact the Office of Equal Opportunity):

1. Directors, chairs or representatives of the Women in the Curriculum, Equal Opportunity, Council on Women, Displaced Homemakers and Student Women's Center meet regularly to assure communication and collaboration.

2. WIC refocus its efforts specifically to Women's Studies and curriculum revision, thereby further re-emphasizing

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There have been questions and concerns raised about the appearance of the campus as a result of the digging going on now as part of the telecommunications installation. The Office of Computing, Communications & Instructional Technology is aware of these concerns and would like to update the campus community on the schedule of work and project status.

First, it is important to know that there is a four-step process for every trench on campus: (1) the trench is dug and conduit is buried between utility covers and buildings; (2) the conduit is "blown" to test integrity and the actual cable is pulled through the conduit; (3) any conduits that are discovered to be defective or broken are dug up and replaced; and (4) the area is cleaned up, including patching of pavement and reseeding of lawns.

Please note that doing "finish" clean up immediately after trenching is costly because there are areas that will need to be redone. We are running on an extremely tight budget and can not afford to indiscriminately clean up areas before work in an area is completely finished. Nevertheless, we are doing all we can to clean up high-visibility areas of campus as quickly as possible, and will do our best to be responsive to requests for priority clean up.

All outside digging should be complete by July 15.

All outside cleanup should be complete by Aug. 15.

Some other facts you should know:

- * Approximately 70 percent of all trenching on this campus is complete.

- * More than half of all cable between utility covers has already been pulled.

- * The new SL-100 telephone switch will arrive on campus next week.

Installation will begin late this month and will continue into December.

- * At the moment, we are seven days ahead of schedule overall and the installation is generally going well.

To re-emphasize, we are aware of the concerns about the appearance of the campus. Please bear with us just one more month so we can finish the outside work as quickly as possible and begin the complete cleanup. In the meantime, if you have any areas that are of special concern, contact Owen Gaede or Gary Corbett.

Consultants to Presidential Search Committee Headed to Campus in September

With appointments of the remaining five members, the University of Maine Presidential Search Committee has begun what is expected to be a yearlong process to find a replacement for UM President Dale Lick.

According to Dr. George Wood, chair of the Presidential Search Committee and a University of Maine System trustee, September will be a pivotal month in the search process. By then, a nationwide advertisement will have appeared and the work of Academic Search Consultation Service will be well under way.

ASCS, based in Washington, D.C., has been used by the University of Maine System in past years for a number of its major searches, most recently the University of Southern Maine presidential search. The consultants will be on the UM campus the week of Sept. 9. They will be meeting with members of the University community to gather information about the issues and needs of the institution now and in the future, and "the qualities the campus feels it wants in its new president," Wood said.

Such input is "a critical step in the process," he said, and will be used not only by the Search Committee but by ASCS in their national search for as many as 12 candidates - "individuals who are not necessarily looking for a new job but who are desirable, potential candidates." Wood cautions, however, that no matter how candidates are recruited or nominated, the final decision on a new UM president rests solely with the Search Committee.

"We will be looking at candidates in and out of state," Wood said. "It's important for people in the state to identify individuals they feel are qualified for this kind of responsibility, and to urge them to allow themselves to be nominated. We are looking for the best person - either Maine born and bred or from elsewhere."

The Presidential Search Committee held an organizational meeting May 23, and expects to meet again in September. Wood said the Committee expects to have multiple applications in the course of the next several months, and re-emphasized that the search is "open-ended," with no pre-set cut-off time.

In addition to Wood, two other System trustees - Harrison Richardson and Sally Vamvakias - serve on the Committee. It also includes three UM faculty members - Katherine Carter, Dennis Cox and James Wilson; Christine Hartman, representing professional employees; Vicky King, representing classified employees; Wallace Dunham, representing academic administrators; Steven Urquhart, representing students; and James Mullen, an alumni representative.

For the past two and a half years, Hartman has been a staff associate in the UM Office of Equal Opportunity, the office that handles concerns of discrimination and equal employment. She is president of Professional Employees Advisory Council, and brings to the Committee professional employee and feminist perspectives.

King, administrative associate to the dean of the College of Business Administration, has been a classified employee on the UM campus since 1966. As a representative of classified employees, she brings to the Committee the experience of working for administrators, academics and alumni.

Dunham, appointed to the Committee by the Dean's Council, has been dean of the College of Applied Sciences and Agriculture, and assistant vice president and director of the Maine Agricultural Experiment Station since 1987. He joined the University of Maine in 1966 as associate professor of agricultural and resource economics. Among his many activities,

Dunham is a member of UM's Futures Planning Council, chair of the Legislature's Commission to Study Maine Seed Potato Board and a member of the State Commission on Biotechnology and Genetic Engineering.

Urquhart is a senior from Fryeburg majoring in chemical engineering, now living in Old Town. He was appointed to the Committee by the Student Government president. Urquhart is second vice president of the Interfraternity Council, and the IFC representative on the Student Government Cabinet. He has been a student senator for two semesters, first representing fraternities and now as an off-campus senator. As a member of the Committee, Urquhart says he plans to meet with as many student groups in the fall as possible, and hopes to bring to the search some of their concerns including racial issues, budget cuts and rising tuition.

Mullen, a member of the UM Class of '72, currently serves as first vice president of the Alumni Association, and is president-elect for the 1991-92 program year. For the past three years, Mullen has served as president of Key Bank of Maine. In May, he accepted a position as the new vice president for Operations with Webber Oil Co., Bangor. The Bangor native was recognized as Outstanding Alumnus of the College of Business Administration in 1987, and has been a member of the Alumni Association Board of Directors since 1987.

Residential Life Rates for 1991-92

A variety of on-campus residence and dining options are available for students next fall. Combined room and board packages range in cost from \$2,168 (York Village Apartments with no meal plan) to \$4,241 (double room with 19 meal plan) per year depending on student interest in Break housing, meal plan flexibility, location and other factors. These rates include local area phone service and University educational and entertainment Cable Television, both of which will be available in Spring 1992. For information on opportunities available for next year, contact Residential Life, x4584.



McNair Scholars and staff at UM are: front row, left to right, Tracy Schwindt, Margaret Graham, Emely Castro Rivera; back row, left to right, McNair Scholars Director David Megquier, scholars Jonathan Edwards, Denise Lewin, Ronald Rideout, Leopold Lee, and McNair Scholars Coordinator Alison Gooding.

Photo by John Baer

McNair Scholars Now at UM

Seven of the nation's most promising college juniors are paired with seven of the University of Maine's top researchers this summer in an educational mentoring program that is new to UM and that adds a fourth dimension to the institution's long-standing TRIO programs.

The Ronald E. McNair Post-Baccalaureate Achievement Program encourages graduate study in the pursuit of an academic career. It is designed for undergraduates who are first-generation, low-income college students, or who are African-American, Native American, Hispanic or women - groups presently underrepresented at the doctoral level in the physical sciences or chemical, civil, electrical or surveying engineering.

"The Program encourages talented college juniors to go on for Ph.D.s in one of these fields," according to Alison Gooding, UM's McNair Scholars coordinator and a Maine Education Talent Search counselor. "We look for those students who not only have a need for the Program but also the desire and perseverance to go on to graduate school. These students are indeed among our nation's most promising, but in some cases they are unaware of the opportunities available to them."

Students selected for the Program's eight-week summer research internship at UM define their academic and career goals, engage in research, and develop the skills and student/faculty mentor relationships critical to success at the doctoral level. They spend 35-40 hours each week in research, exploration of graduate school options, and workshops on such topics as library research skills, writing for publication, preparing for Graduate Record Exams and the benefits of an academic career.

When the students return to their colleges and universities to complete their senior years, each is required to write a research paper and submit it for publication in a national journal or for presentation with the mentor at a national conference. In addition, the students will be tracked for 10 years to monitor their progress and persistence in pursuing higher degrees and succeeding in their careers.

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Museum Takes Art to the People of Maine Through Outreach Programming

The University of Maine Museum of Art is Maine's only state-owned fine arts institution. As a state facility, the Museum has the challenge and unique responsibility to share its growing collection of 19th and 20th century artwork with the people of the state through outreach programming that includes:

- * The Gallery on Wheels Program featuring the Museum's "art van" in day-long visits to communities in the state.

- * The Public Exhibition Program (PEP) - 79 exhibits that currently travel to 300 schools, nursing homes, city halls and other institutions for month-long shows.

- * The Satellite Gallery Program, the Museum's newest effort, that focuses on establishing a network of localized mini-museums in existing spaces that are already part of the fabric of the host community - grange halls, churches and vacant retail spaces. These satellite galleries are open three to four months each year and feature exhibits of work by Maine artists as well as nationally and internationally known artists.

Through these outreach programs, the Museum provides an opportunity for as many Maine people as possible to experience fine art in an accessible, comfortable manner.

This summer, the Museum will be focusing on its Satellite Gallery Program.

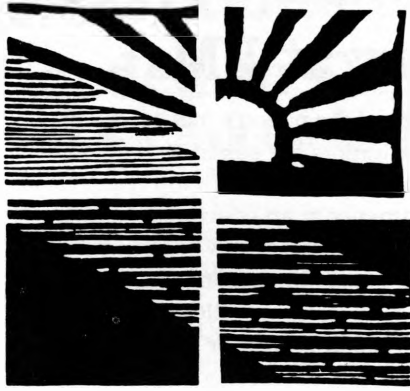
The following are sites of University of Maine Museum of Art satellite galleries: First Parish Church Congregational, Freeport; Downtown Bangor; Fishman Mall (former J.J. Newberry Building), Houlton; and the Winter Street Church, Bath.

The exhibitions on display will include:

"Treasures from the Collection," featuring works such as *Mick Jagger* by Andy Warhol, Salvador Dali's *L'escargot*, and *Naphtali* by Marc Chagall; "Carroll Thayer Berry," woodcut prints depicting life on the Maine coast; and "Lucio Pozzi: The Furniture Project," featuring painted furniture by this performance artist, painter and printmaker who was born and raised in Italy and now lives in New York City.

Satellite galleries are made possible through the generous support of the host communities. Exhibition space is donated by the community, volunteers clean the gallery, merchants donate supplies, and docents - people from the community - volunteer daily and give countless hours to keep the doors open and welcome visitors.

A complete exhibition schedule is available by contacting the University of Maine Museum of Art, 109 Carnegie Hall, Orono, ME 04469, x3255.



The Student Ori:

It's a tough audience. And some of the questions are even tougher.

How is the budget crisis going to impact the University of Maine?

Will my daughter be safe walking at night on campus?

The University has what? An alcohol policy?

I have to take this intro course, but I heard the exams are killers. What do you think?

For eight days each summer, a special group of University of Maine students subject themselves to questioning that would make even the most confident university administrator cringe. They are Student Orientation Leaders whose job it is to "make incoming students feel a little more connected to the University of Maine so when they come back to start school they'll feel more attached to it."

But for most of the Student Orientation Leaders, what they do is more than a job. It's more like an adventure - and the opportunity of a lifetime.

It's also through them that some of the University of Maine's best diplomacy occurs.

"The core philosophy behind Orientation is, first, to help students adjust academically and socially to the institution, and to help the parents understand the function of the University and learn of different services," according to Beverly Low, UM coordinator of New Student Programs. "It helps us as an institution learn about our first-year students, and gives us a better handle on what our student population is going to need from us.

"It's most important to recognize that first-year students are not a homogeneous population. They're not all 18 and just out of high school. Through Orientation, they're not just numbers but faces. We like to leave them feeling connected with the University, connected with a person, an office in general or a program or service."

And that's where the Student Orientation Leaders come in.

"In terms of retention of first-year students, one of the strongest factors is peer support," Low said. "It's significant for the first-year student to know that an older student cares about them and is going to see them in the fall."

The Student Orientation Leaders are described as "the best and brightest of our undergraduate population." Student Orientation Leaders have been hired to be among the experts on hand to assist incoming students and those who accompany them, usually parents.

The Student Orientation Leader Program is so popular that, this spring, 200 applied for 15 positions. "Students realize they can make a difference in the lives of entering students and can have a positive impact on their success," Low said.

"I enjoy being with students," said Ana Lucia Flores, an international student from Guatemala who is a junior majoring in zoology and a Student Orientation Leader for a second year. "The first year, I made a lot of friendships and learned a lot about the University and faculty. I liked having all the contact with incoming students, being able to help those in need, making the transitions of the students easier.

"(As a Student Orientation Leader) I've learned more about myself, my strengths and weaknesses, and my communication skills have been polished."

Being a Student Orientation Leader is "a different challenge because you are the authority on many of their questions," said Jeannie Matava, a senior political science major from Orono who is in her third year as a Student Orientation Leader. "I've gotten so much out of it. There's a lot of satisfaction in helping new students feel more comfortable, and in helping parents. And every year I see them in the first few weeks of school and make it a point to speak to them.

"It's a very unique opportunity. It challenges you in every possible way to deal with people closely for extended periods of time and to keep an enthusiastic positive attitude. You have a day and a half

to make the students feel a little more connected to the University of Maine so when they come back to start school they'll feel more attached to it."

"My Orientation was a good experi-

ence for me and I wanted to help others have a similar experience," said Anne Rimkunas, a senior from Falmouth majoring in English, who is also back for a second year. "What I remember is the Orientation Leaders were my age. Coming from high school you're so used to having older persons telling you what to do, and you often feel they're hard to

Summer Orientation

Colleges of Applied Sciences and Agriculture and Technical Division,
Business Administration and Education, June 20-21.

Academic & Career Exploration Program, and Engineering, June 24-25.

Colleges of Forest Resources, School of Engineering Technology and
University College, June 27-28.

Colleges of Social and Behavioral Sciences, Arts & Humanities, Sciences and
the School of Nursing, July 1-2.

"One of the key things we look for in our student staff is diversity - different ages, backgrounds, ethnic origins, abilities. We're trying to represent a University of 13,000 students, so we need a diverse group with enthusiasm and a positive outlook on their college experience."

tation Leader Connection

approach. But at Orientation, the Leaders were all peers of mine, and that made me feel comfortable and able to deal with some of the problems I was having.

"I like to think of myself as a liaison between the administration and students," said Rimkunas. "We are the ones talking to the students finding out what's on their minds."

To find out what's on the minds of first-year students, answer their questions and "connect" or familiarize them with the campus, Student Orientation Leaders spend 10 days in training. It's in the weeklong training session in June that the Student Orientation Leaders not only learn more than they ever thought possible about the University of Maine, but they also learn about themselves.

"The 10 days of training is like putting a puzzle together," Low said. "Orientation is a campus-wide effort, putting together the academic, cultural and social pieces so we can present the University as a whole."

Student Orientation Leaders, ages 19-24, are steeped in University info - from the departments and programs found in each college to the administrative organizational chart of the University. They also know that it's OK not to know all the answers, that it's appropriate to refer questions to deans and other faculty, and that it's alright to say you don't know an answer but will find it.

The one piece of information the training program can't provide is what it's like to be a student at the University of Maine. That is knowledge the Student Orientation Leaders bring with them and share with the 400 or more new students in each Orientation session.

That's what makes it all work.

"We train them in certain things but they're the ones that know what it's like to be a student. They've taken classes here, had to stand in line at the Business Office or to register for classes. They've had to go through getting IDs and parking spaces. They've seen it from the inside," Low said.



University of Maine Student Orientation Leaders 1991: Front row, left to right, Jeff Lacasse, Danny Williams, Jeannie Matava; second row, left to right, Yan Meng Chan, Ana Lucia Flores, Doug Libby, Anne Rimkunas, Treena Bishop; third row, left to right, Barbara Edler, Denice Yost; back row, left to right, Jamie Carroll, Kevin Lanouette, Nicole Caprara, Heather Trenholm and Erik Sauter.

Photo by David Carlson

First-year students primarily want to know what classes they must take, details of their class schedules, housing and financial aid information, Low said. Academic questions are the most asked, and Student Orientation Leaders are armed with lists of contact names and numbers for referral.

Not all the questions - even those about academics - can be answered with just the facts. It's when the Student Orientation Leaders are asked for their opinions that their diplomacy and honesty make the difference.

For Rimkunas, the toughest questions she has faced include concerns about budget cuts, for which there are no easy answers. She has also been asked about UM's crime statistics - "questions that are hard to answer while trying to present a positive image about campus," she said. "But I have to be honest. I tell them, yes, there is crime on campus, like on all other campuses, but there are also safeguards - security systems, patrols, other services and support staff."

And for Matava, it's the questions about UM campus policies that make for some interesting dialogue. "Some students are worried that there isn't enough to do at the University, but I tell them the greatest thing about this University is, if you're into anything to do with the outdoors, you're all set. And if you're not, you should be. It's a challenge to you as a person to find things to do. It's a feeling of accomplishment.

"My favorite thing about the University of Maine is the atmosphere," Matava said. "It's a laid-back school but still you're challenged at the same time. It's not as much pressure among peers to succeed but goals you're setting for yourself. There's friendly students and faculty, and you don't feel like you're putting someone out when asking a question. It's a welcoming atmosphere. And that puts new students and parents at ease to know that people are understanding."

Parking *continued from page 1*

And like this past year, decal fees will be used to support maintenance of existing parking facilities, improve parking and enforce parking rules.

Fines for parking violations, while not yet changed, are also expected to be stiffer in the coming year, especially for improper parking in a handicapped-designated area. Public Safety officials are presently reviewing their ticketing policy for improper parking in a handicapped parking space, and said they hope to change the fine (presently \$10) to "better reflect the figure used in the rest of the state - and to reflect our continued commitment to the rights of the mobility-impaired."

The policy for towing improperly parked vehicles, including the fine (\$10), is expected to remain the same. Public Safety will order vehicles towed that are parked in fire lanes, handicapped-designated areas or loading zones; those blocking sidewalks or fire hydrants; and those on grass, turf or "undesigned dirt." Towing will not be ordered if a vehicle is parked in an unauthorized lot, as dictated by the decal. However, such vehicles will not be allowed to remain in unauthorized lots without multiple tickets; ticketing for improper lot use will be done on an hourly basis.

In addition, Public Safety will be switching this fall to an "abbreviated parking ticket" that not only can be filled out by the reporting officer in half the time of the old tickets, but also will be more "readable" by vehicle owners. The new ticket forms are less expensive than the ones for the past several years on campus. They will also be compiled manually rather than computer-scanned for greater accuracy and cost-efficiency.

The increase in ticket fees and the incidence of ticketing is expected to provide "incentive" to those who violate the campus parking rules, and to attempt to prevent traffic flow problems, safety concerns and damage to the grounds, according to Chandler.

Maintaining traffic flow on campus will be complicated by two major construction sites with the expansion of Alford Arena, and the beginning of the Business Administration building in what is now the Shibles parking lot. At Alford, 48 parking spaces will be lost perma-

nently, and 82 temporarily until work is completed on the facility. The 179 spaces in the Shibles lot will be replaced by a 357-space parking lot now under construction to the southeast of the Maine Center for the Arts. This new parking lot, and the one across from Public Safety on College Avenue (with 69 spaces), will be lighted. In addition, a gravel parking area to the northeast of Alford will be paved this summer, allowing for even more parking in the lot than there was this past semester.

Public Safety officials project that on-campus parking this fall will be "at least as bad a problem, or worse" than in years past. They point to the closing of four residence halls (meaning more stu-

McNair *continued from page 5*

UM is one of 28 higher education institutions in the country to be awarded a competitive federal grant to establish such a Program. Nationally the Program was established in 1986 by the U.S. Department of Education and named for astronaut and Challenger space shuttle crew member Ronald McNair.

The students were selected from a nationwide pool of applicants to come to UM for an eight-week internship from June 1-July 27. Of the seven selected, five of UM's McNair Scholars are first-generation and low-income college students, and all but one of them are from groups underrepresented at the doctoral level in the physical sciences and engineering. One of the Scholars is a University of Maine student. Some of the students are, or have been, enrolled in other TRIO programs like those at UM: Educational Talent Search - an in-school program for middle school, high school and adult students to encourage them to pursue higher education; Upward Bound - a six-week residential academic program for high school students; Student Support Services (known as Onward at UM) - on-campus services such as counseling, tutoring and academic coursework.

"In fact," said David Megquier, director of McNair Scholars and Maine Educational Talent Search, "two of our McNair Scholars come to us from other McNair programs to do research at UM."

The students now at UM as McNair

students living off campus) and enrollment projections similar to last year's as potential ingredients for parking shortages. Economic circumstances may also dictate an increase in the number of part-time students - students who are traditionally commuters.

Coupled with the tendency for parking areas to be moving away from the center of campus to more outlying areas, Public Safety officials advocate car-pooling - and bicycles. The Department offers free bicycle registration to members of the UM community. In addition, it is recommended that all members of the University community allow extra time to locate proper parking space and to walk to scheduled classes or meetings.

Scholars are:

Jonathan Edwards, a junior at Coppin State College, Baltimore, studying surface properties of titanium and vanadium carbides with Robert Lad, assistant professor of physics.

Margaret Graham, a junior at Clarkson University, Potsdam, N.Y., studying the properties of renormalization-group transformations of spin glasses with Susan McKay, assistant professor of physics.

Leopold Lee, a junior from College of Staten Island/CUNY, studying neural networks with Seth Wolpert, assistant professor of electrical engineering.

Denise Lewin, a junior from the University of Miami, Coral Gables, studying post-tensioned timber bridges with Habib Dagher, assistant professor of civil engineering.

Ronald Rideout, a UM junior from Orono, studying bridge hydraulics with Vijay Panchang, assistant professor of civil engineering.

Emely Castro Rivera, a junior at Catholic University, Puerto Rico, studying bonding of manganese to amino acids in the development of atherosclerosis with Howard Patterson, professor of chemistry.

Tracy Schwindt, a junior from Doane College, Crete, Neb., designing and building a three-fingered robot gripper with Richard Eason, assistant professor of electrical engineering.

Alumni Association Awards Presented

Five alumni received awards for outstanding service, leadership and support of alumni activities during Reunion '91 at the University of Maine.

Joseph DiGiovanni of Belmont, Mass., Class of 1955, and Elizabeth Bearce Harrison of Bangor, Class of 1943, are the recipients of the Black Bear Award presented annually in appreciation of outstanding service to the University.

Nancy Erikson Ladd of Cumberland Foreside, Class of 1966, is the winner of the Block "M" Award in recognition of outstanding leadership in local alumni chapters, class activities, and support of programs sponsored by the Alumni Association.

Helen Wormwood Pierce of Carmel, Class of 1941, is the recipient of the Golden "M" Award honoring the individual who has done the most to unify and strengthen his or her graduating class.

The Pine Tree Emblem Service Award went to Ronald Bishop of South Burlington, Vt., Class of 1953, in recognition of outstanding service to the University through the Alumni Association.

DiGiovanni, a Phi Eta Kappa fraternity brother as a UM student, was involved with the Newman Club, Agriculture Club and M-Club, and played varsity baseball for four years. In 1987, he established an endowment for an athletic scholarship fund given annually to provide football scholarship assistance. In addition to his strong and effective support of the Class of 1955, DiGiovanni is active in the Graduate "M" Club, and his financial support has helped many depart-



Sally Vamvakias, president of the University of Maine Alumni Association, presents a Block "M" Award to Nancy Erikson Ladd of Cumberland Foreside, Class of 1966, in recognition of outstanding leadership in alumni activities.

Photo by John Baer

ments and buildings on campus.

Harrison, the first non-traditional student recipient of the Black Bear Award, put her education on hold in the 1940s, returning to Orono 25 years later to finish her degree work. Although she did not graduate with the Class of 1943, she has served as a member of the 1943 Reunion Committee many times and attended almost every reunion. Harrison served as Class of '43 personals editor for *Mainely People* alumni tabloid for many years. Having served two terms as president of the Southern Penobscot Alumnae Association, she was instrumental in raising more than \$12,000 in scholarship money for women students. As the driving force in fund raising for

the Class of 1966, Ladd was instrumental in raising enough funds to establish a new giving record during her 20th class reunion. She is a past regiment leader for the Second Century Fund, a past regional committee chairperson for the Annual Alumni Fund, and played an integral part in the formation of the Cumberland County alumni group.

Pierce, described as a "fervent class cheerleader and energetic facilitator," has made visits, written letters and placed telephone calls to classmates throughout the United States, and led class reunion planning committees. She has served as a member of the Alumni Board of Directors, the UM Development Council, and UM System Board of Trustees.

Bishop, as an undergraduate, was president of Lambda Chi Alpha fraternity, a member of the Phi Kappa Phi and Alpha Zeta honorary societies, the Interfraternity Council, the Agriculture Club, the Reserve Officers' Training Corps, and made the Dean's List every semester. After graduation, a stint in the Army, and four years in broadcasting, he pursued a successful career as an insurance executive. Bishop has served as Class of '53 agent, Vermont state chairperson of the University's Second Century Fund, alumni activities chairperson, Annual Fund chairperson, and Alumni Association president.

Earlier this year, the National Association of Educational Buyers instituted a new survey of 130 members schools - the NAEB Market Index. The Association collected prices paid for 19 items that most schools buy, including fluorescent lamps, heating fuel, computers, food, paper, etc. The NAEB Market Index found that, with one exception, the University of Maine is paying less than the average price on every item. The exception is in the price of No. 6 heating oil, and even then, UM pays the lowest price of all institutions surveyed.

Historic Barn to be Moved and Preserved

A 106-year-old barn at the University of Maine that is listed on the National Register of Historic Places in the State of Maine will soon have a new location when it is moved to a new site on campus.

A groundbreaking ceremony was held June 1 at the site where the barn will be moved from its present location beside the Maine Center for the Arts. The historic structure will be moved approximately 600 feet to the south of the Small Animal Facility.

Moving the barn, which is expected to occur in early July, will preserve the lone remnant of a complement of agricultural buildings that stood on campus during the late 19th century. It will also mark the start of a decade-long dream at UM - the establishment of a Maine Farm and Home Museum, designed as a celebration of rural life in the state. The Museum, to be located in the soon-to-be-renovated barn, will include a variety of displays, participatory exhibits and living history features depicting the era from the late 18th to early 20th century.

Constructed in 1885, the 40-by-100-foot, two-story barn was one of the original agricultural structures used by the Maine Agricultural Experiment Station. It was built adjacent to and within five years of a mate building, a dairy barn, and stood amid a variety of other structures that comprised the college farm.

Both barns were located on what is now the site of Merrill Hall. They were the first two new barns constructed on the campus that was then the Maine State College of Agricultural and Mechanic Arts.

The significance of the barn is in its association with the development of the Maine Agricultural Experiment Station. Feeding experiments were undertaken in the newly constructed barn. The interior arrangement of the barn, as it existed in 1891, included scales for weighing cattle, bins arranged to store a variety of experimental grains and fodder, an interior silo, and rooms for storage, grain and digestion experiments. Stalls were provided for 17 cows and a number of horses that were used for transportation. There was a series of trap doors behind the cattle stalls where manure could be moved to the basement.

The barn, typical of many built in New England during this time, is of post and beam construction. It was moved at least once, most likely with the help of oxen or work horses, prior to the construction of Merrill Hall in 1931. A nearby dairy barn was destroyed by fire in 1970, marking the beginning of the end for farming on the campus proper. Within a couple years, the J. Franklin Witter Center was constructed north of campus. And for the past two decades, the barn was used for storage.

In 1986, a Maine Farm and Home Museum Committee was formed in an effort to coordinate the project that would save the historic barn that was slated for demolition, and would establish a museum that would be a celebration of the past.

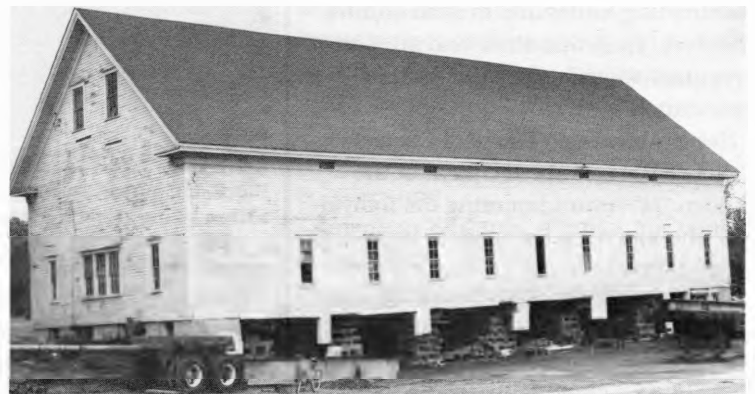
In 1988, the Committee was given permission to move the barn. A fund-raising campaign was launched with an initial goal of \$350,000 in private donations to underwrite the cost of the first two phases. And preparations for the move were made, including soil test borings and pouring a new foundation at the new site.

Moving the barn requires stabilizing the structure with new sill beams and interior supports, jacking the structure from its old foundation, and lowering it onto a set of wheels. It is expected to take a day to move the barn from one site to the other; it will take a total of three weeks for preparation, moving and stabilization of the barn.

Monetary donations and construction materials are needed for the Museum project in the months ahead. Donations of museum artifacts are not being accepted at this time because of lack of storage facilities, but will be welcome in the future.

Following the Museum's establishment, fund raising will continue, this time to create an operating endowment to ensure the Museum's future. If you would like more information on the Farm and Home Museum, contact: Development Office, University of Maine, Orono, Maine 04469.

The groundbreaking ceremony at the relocation site of the historic barn brought together many people from across the state who have helped make this historic preservation effort possible. Taking part in the ceremony were, left to right in photo right, Mildred "Brownie" Schrupf, UM President Dale Lick and Raymond Fogler. Photo below, the barn is being prepared for the move expected early next month.



UM Calendar

June 24-July 27

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

Maine Perspective Calendar
Public Affairs.

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

For more information, call x3745.

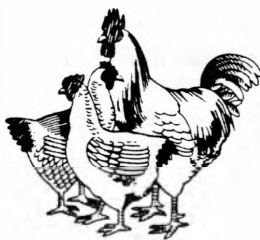
LAST-MINUTE NOTES:

"The Relationship Between Dietary and Serum Manganese Levels and Bone Mineral Density," an oral exam by Laura Richards, candidate for master's degree in human development, 1 p.m., June 21, 28 Merrill Hall.

25 Tuesday

"Studies on Mexican Bean Beetle, *Epilachna varivestis* Mulsant (Coleoptera: Coccinellidae), and Low-input Bean Cropping Systems," an oral exam by Yuqing Fan, candidate for master's degree in entomology, 9 a.m., June 25, 301 Deering Hall.

"Characterization of *Salmonella enteritidis* Strains from Poultry in the Northeast," an oral exam by Mary Hall, candidate for master's degree in microbiology, 10 a.m., June 25, Hitchner Hall.



26 Wednesday

"Worthy and Fundamental: Domesticity and Home Economics Extension Work in Maine, 1919-1939," an oral exam by Abbe Karmen, candidate for master's degree in history, 10 a.m., June 26, Alice Stewart Room, Stevens Hall.

28 Friday

Performance by Country Music Band, *Asleep at the Wheel*, 8 p.m., June 28, Hutchins Concert Hall. Admission.

Retirement Reception for Kenneth Allen, 3:30-5:30 p.m., June 28, Bodwell Dining Area, Maine Center for the Arts. x3845.

7 Sunday

Opening Reception for "Acadian Hard Times," an exhibit of photographs by FSA photographers Jack Delano and John Collier Jr., taken in the St. John Valley from 1940-43, 1-3 p.m., July 7, University of Maine Museum of Art, Carnegie Hall. x3255.

10 Wednesday

"Aspects in Carrier Phase Processing," an oral exam by Quanjian Liu, candidate for a master of science degree, July 10, 205 Boardman Hall.

12 Friday

Performance by the Branford Marsalis Trio, 8 p.m., July 12, Hutchins Concert Hall. Admission.

16 Tuesday

Performances by Comedian Bob Newhart and Singer Diane Linscott, 7 p.m., July 16, Hutchins Concert Hall. Admission. x1755.

25 Thursday

Performance by Country Music Band *Restless Heart*, 7 p.m., July 25, Hutchins Concert Hall. Admission. x1755.

Part-time farming in Maine is the focus of the 1991 Small Farm Field Day July 27 at Highmoor Farm in Monmouth, a research facility of the Maine Agricultural Experiment Station of the University of Maine.

The free public program is designed for anyone involved or interested in farming on a small scale - often an important supplement to rural family incomes and to the character of Maine communities.

This year's Field Day includes workshops, displays and demonstrations on such topics as farm machinery, soils, pests, farmworker health, welding, business management, food processing and handling, and diversification. Specialists also will lead tours and discuss work at the Farm involving apple, small fruit (berries) and vegetable research.

Highmoor Farm is located on Route 202 just north of Lewiston. For more information on Small Farm Field Day, contact your local Cooperative Extension office, or call 800-287-1471.

CALENDAR OF ONGOING EVENTS

"Hansel and Gretel," a presentation of the Theatre of the Enchanted Forest, 7 p.m. Friday and Saturday, 2 p.m. Sunday, June 21-23, and June 28-30, Pavilion Theatre. Admission. 945-0800.

"Acadian Hard Times," an exhibit of photographs by FSA photographers Jack Delano and John Collier Jr., taken in the St. John Valley from 1940-43, on display July 1-Aug. 9, University of Maine Museum of Art, Carnegie Hall. x3255.

"Monsters and Heroes: Legends in the Stars," a Planetarium show featuring the characters of the summer constellations and their ancient myths, 7 p.m., Fridays in July, Wingate Hall. Admission. x1341.

Seminar on Soviet Education, featuring lecturers from Leninsky School District, Leningrad, 1:30-3:30 p.m., July 8-11, Stewart Commons Private Dining Room. Admission. x2430.

"The Magic of Mexican Masks - Recent Acquisitions," a Hudson Museum Exhibit of Mexican dance masks and dance paraphernalia, through July 7, Hudson Museum, Maine Center for the Arts. x1901.

"Filling the Cases for Dear Old Maine," a collection of University of Maine alumni gifts and loans to the Hudson Museum since 1968, on display through July 28, Hudson Museum, Maine Center for the Arts. x1901.

Newman Center/Our Lady of Wisdom Parish Weekly Liturgy Schedule: Monday-Thursday, 4:45 p.m.; Sunday 9:30 a.m. 866-2155.

UM Chess Club Meeting, every Thursday, 7 p.m., FFA Room, Union. x3522 or 866-4589.

UM Foundation Offers Management Conference

The University of Maine Foundation will sponsor a three-day management conference for foundation staffs and directors July 31-Aug. 2 at Maine Maritime Academy, Castine.

The program is designed for staffs and board members who work with foundations associated with institutions, such as colleges and universities. Workshops will address such topics as operational policies and procedures, investments, trusts, marketing and promotion and special conditions associated with the acceptance of gifts.

One of the principal speakers will be R.M. Rutledge III, president of the Texas A&M Development Foundation. Other conference faculty include: Deborah Blackmore Abrams, director of development at Radcliffe College; Raymond Adams Jr., CPA; Philip Field, trust officer with State Street Bank and Trust Co.; Sherry Huber, executive director of the Maine Waste Management Agency; Jean Humphrey, regional director, managed account group of Paine Webber Inc.; James Leslie, executive director of the University of Rhode Island Foundation; Loren Mitchell, APR, partner, Mitchell & Mitchell Marketing and Public Relations; and Calvin True, president of Eaton Peabody Bradford & Veague PA.

Last year, the Foundation co-sponsored a similar program with the University of Rhode Island Foundation; 47 representatives from foundations throughout New England, Texas, Virginia and Ohio attended.

For registration or more information and a brochure, contact the University of Maine Foundation at 207-947-5100.

Summer Course Will Help Secondary School Teachers Instruct Youth About Chemical Use and Pollution

If people are to become educated consumers regarding the use and risks of chemicals found in the home and at work, perhaps it's best that they learn at an early age.

The University of Maine's Chemicals in the Environment Information Center is offering a one-week summer course for secondary teachers that will take a two-step approach to this issue, first providing an understanding of chemicals and chemical pollution issues, and then showing how such an understanding can be used to promote pollution prevention in the home and school, and at work.

The course, "Pollution Prevention Through Understanding and Managing the Chemicals in Our Lives," will be held July 7-12 on campus. It is partially supported by a grant from the U.S. Environmental Protection Agency, and is designed for, but not restricted to, teachers in the sciences, health, home economics, industrial technology, and arts.

Teachers will be instructed in how to

guide students in assessing toxicity and risk of common hazardous substances, and help them understand how to read and comprehend warning labels, evaluate alternatives to hazardous substances, reduce amounts of chemicals used, and initiate recycling/safe disposal procedures.

Course instructors include Marquita Hill, CEIC director, Raymond Fort, Chemistry Department chair, and Steven Rogg, assistant professor of education.

Counseling Center Summer Groups 1991 for more information, call x1392

General Therapy Group: Leaders Kai Kirby and Gerard Saucier

General Therapy for Returning Adult and Graduate Students: Leaders Paula Bickham and Ken Dugan

Incest Survivors Group: Leaders Liane Hamrick and April Colburn (starts in July)

Communication Skills Enhancement: Leaders Ken Dugan and Gerard Saucier

Expressive Therapy Group: Leaders Paula Bickham and Kai Kirby



Rob Bonnichsen in *Houston Chronicle*

The discovery of possible stone artifacts in a New Mexico cave fuels the debate over the date of human migration to the Americas. This *New York Times* News Services story cites the leader of the discovery team, Richard MacNeish, director of the Andover Foundation, and calls on two other scientists for expert opinions: Rob Bonnichsen, director of the Center for the Study of the First Americans at the University of Maine, and Dennis Stanford, a paleontologist at the Smithsonian Institution. While MacNeish describes the find as "the best documented evidence" that humans arrived in North America more than 35,000 years ago, Bonnichsen and MacNeish are more reserved on interpreting the stone objects as artifacts.

UM in *The Chronicle of Higher Education*

The University of Maine's planning assistance and technical advice in the proposed establishment of Eastern Europe's first American university is highlighted in an International Page feature. In a story originating from Blagoevgrad, Bulgaria, *The Chronicle of Higher Education* outlines the hopes and challenges of opening a privately funded, UM-accredited liberal arts institution this fall.

David Smith in *NRC Handelsblad*

David Smith, Bird & Bird Professor of American History, was quoted in an international story in the largest daily in The Netherlands about how Americans greet their returning troops from the Gulf War, and how the country is congratulating itself. The story originated with a Dutch correspondent in Washington, D.C., who came to the University of Maine to do a story on the nationally publicized welcoming parties for the troops at Bangor International Airport. Smith's study of World War II letters was explored in the article, as well as his thoughts on the reasons behind the recent celebrations.

Seth Wolpert in *National Media Blitz*

Seth Wolpert, University of Maine professor of electrical engineering, is receiving national media coverage through an Associated Press article focusing on his design of a computer chip that can imitate a live nerve cell. This story, so far, has appeared in 38 newspapers including the *Washington Times*, *Atlanta Constitution* and *Orlando Sentinel*. Wolpert's chip design, called neuromimes, could one day restore movement to paralyzed arms and legs. These neuromimes even have some human characteristics. For example, they gradually slow down during use and then regain their strength again. Wolpert believes that within years researchers could implant the neuromimes in the live tissue of patients who have lost their arms or legs. Once

in place, a motorized arm could be set in motion by the mind, functioning like a natural arm.

Howard Segal in *Miami Herald*

The irony of progress is that people who fear for the future are more likely to construct a better world than those who think everything is going to be wonderful. That's the crux of this Sunday magazine "Bright Side" feature piece that examines human adaptability. Among scholars, futurists and other experts quoted is UM historian Howard Segal, director of the Technology and Society Project, who talks about the real irony of technological dreams that have been realized, but didn't deliver the wonderful world envisioned.

Retired UM Mathematician Honored

A professor emeritus at the University of Maine who has received international acclaim for his books, lectures and teaching, was honored on his 80th birthday at a mathematics conference at the University of Central Florida in Orlando.

Howard Eves of Lubec joined the UM faculty in 1954, a year after writing the widely acclaimed "Introduction to the History of Mathematics," which is used in colleges and universities throughout the world. He retired from UM in 1976 and now teaches part-time at the University of Central Florida.

The conference, "Pedagogy and Geome-

try in Honor of Howard Eves' 80th Birthday," was attended by 150 people from around the world, including four UM faculty members and several UM graduates who studied under Eves. "His history of mathematics has become the bible of the business. It was written more than 35 years ago and is still selling today," said Clayton Dodge, UM mathematics professor who was a featured speaker at the conference.

Other UM professors attending the conference were Philip Locke, John Mairhuber, Grattan Murphy and professor emeritus Gregorio Fuentes.



Howard Eves



The University Bond Referendum was initiated in 1989 to improve the voice, data, and video communications systems at the University of Maine. The SuperNet 2000 project is the result of a new cable distribution plant, a high-speed wide area data network, a digital telecommunications switch, and a broadband video distribution system. In addition to modernizing University facilities, the scope of this undertaking included providing new and advanced capabilities to students. In this article, the Department of Telecommunications wanted to keep you apprised of our progress in meeting the goals of this bond referendum.

The first, and by far the most expansive component of this project, is the cable distribution plant. This cabling consists of both copper and fiber, and will be the backbone supporting the University's voice, data, and video needs. Cabling includes two major elements: outside plant and inside plant.

Outside Plant

- A new conduit system links virtually every building, allowing us to extend facilities campus-wide in both Orono and Bangor.
- New copper cabling has been run to support telephone service to all buildings on the conduit system.
- New coaxial cable has been provided to 80 percent of the buildings on campus to support video services. Residential Life has received Board of Trustee approval to develop its own satellite-based cable television service. Scott Anchors in Residential Life and Andy Abbott in CIT have responsibility for cooperatively providing programming for this service.
- Fiber optic cables have been placed to all major administrative and academic buildings on the Orono campus. CAPS will coordinate the development of the high-speed fiber-based data network. Gerry Dube is the contact for any questions you may have.
- The Telecommunications Department is responsible for maintaining the conduit system and the cabling carried within it, as well as making any neces-

sary connections to provide service to a particular location. Contact Gary Corbett for any questions you may have.

Inside Plant

- Over 6,200 locations are being wired for telephone and data access on twisted copper cabling. In addition, all residence halls and most classrooms have been provided with coaxial cable for access to ITV courses and cable television programs.

High Speed Wide Area Network

As discussed in the May 3 *Maine Perspective* article, CAPS is responsible for providing connections to departmental Local Area Networks (LANs), the campus backbone, and the Wide Area Network as well as provide access to services available on these networks. The services currently offered on the Wide Area Network include access to the CAPS facilities (mainframe and vector facility), access the URSUS, access to any departmental services from anywhere on the network, and access to the InterNet. Please refer to that article or to Gerry Dube for additional information.

Digital Telephone System

Our new digital SuperNode telephone system will be delivered in mid-June. Its installation will begin then and testing will continue until cutover in early December, providing improved telephone service, state-of-the-art features, and new digital telephones to faculty, staff and administration.

Residence halls will also be provided telephone service from the new system. Students will be provided with analog lines and will be expected to purchase their own pushbutton "tone" telephones.

A Meridian Mail voice mail system will

be installed to provide answering machine-like capability to the entire Orono/Bangor campus community. Messages can be retrieved from either on or off campus. Resident students will be provided voice mailboxes as well, making communication easier between faculty, administration and students. Other features of the Meridian Mail system will also be employed to streamline call handling, enhance productivity, and provide greater access to information in those departments which experience heavy call traffic. For any questions regarding the new system, please call Gary Corbett.

Broadband Video Distribution

Residential Life is in the process of developing an on-campus cable television network which will provide a variety of educational and entertainment channels to residence halls. Increased use of the coaxial cable plant for origination or receiving ITV broadcasts on campus will be coordinated by CIT. Contact Andy Abbott for further information.

The timelines for completing the various components of this project are:

<u>Item</u>	<u>Estimated Completion</u>
Trenching	mid-summer
Outside plant	end of summer
Inside plant	mid-fall
Training on new phones & voice mail	October/November
System cutover	early December
Residence hall service	beginning of spring semester

Any questions on this information or any of the previous SuperNet articles should be directed to: SuperNet 2000, Room 251, Telecommunications Building.

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.



It's Classified

The focus of this column will be topics of interest to classified employees. Questions and/or suggestions for future columns may be addressed to: Kathleen Gaede, 123 East Annex.

May 15, the recognition banquet for classified employees was held in Wells Dining Commons. The festive evening of the recognition banquet was preceded that morning by a campus-wide coffee-break. These annual recognition activities are held to show the University's appreciation for long and outstanding service from its employees.

Tracy Bigney, assistant vice chancellor, served as the program coordinator for the recognition banquet. UM President Dale Lick gave a greeting and later presented gifts to the following retirees:

- Sandra Barbalias - 22 years, Entomology**
- Elizabeth Billings - 21 years, Cooperative Extension**
- Erwin Chubbuck - 16 years, Residential Life**
- Elaine Covell - 20 years, Residential Life**
- Omer Cyr - 13 1/2 years, Facilities Management**
- Harry Dalton - 9 1/2 years, Public Safety**
- Natalie Deorsey - 15 1/2 years, Residential Life**
- Lois Desrosiers - 17 1/2 years, Residential Life**
- Jennie Flanders - 24 1/2 years, Library**
- Frances Fortier - 12 1/2 years, Residential Life**
- Clement Gallant - 18 years, Facilities Management**
- Shirley Garvin - 8 years, Cooperative Extension**
- Margaret Gibbs - 26 years, MAES**
- Ellen Gifford - 18 years, Library**
- Renae Hile - 45 1/2 years, Residential Life**
- Clayton Landry - 14 1/2 years, Facilities Management**
- Edward Lambing - 10 years, Facilities Management**
- Helen Larson - 20 years, Cooperative Extension**
- Fred Melegh - 10 years, Facilities Management**
- Paul Lizzotte - 25 1/2 years, Residential Life**
- Albert Niles - 31 1/2 years, Facilities Management**

- Marian Perry - 12 1/2 years, Psychology**
- Joseph Picard - 12 years, Residential Life**
- Pearl Quimby - 14 years, Residential Life**
- Susanne Reid - 10 years, Office of the Vice President for Academic Affairs**
- Georgia Sharpe - 17 years, Bookstore**
- Marilyn Shottafer - 14 1/2 years, Maine Council on Economic Education**
- James Spellman - 8 years, Facilities Management**
- Fenton Stormann - 34 years, Physics**
- George Thibodeau - 18 1/2 years, Facilities Management**
- Imogene Thibodeau - 20 years, Bookstore**
- Lorraine Violette - 18 years, Residential Life**
- Raymond Williamson - 41 years, Zoology**
- Nola Wilson - 12 1/2 years, Residential Life**
- Roscoe Wilson - 12 1/2 years, Facilities Management**
- Eugenia Wood - 24 1/2 years, Facilities Management**
- Virginia Taylor - 25 years, Bookstore**
- Anna Perkins - 27 1/2 years, Chemical Engineering**
- Yoshie Wilson - 18 1/2 years, Residential Life**

Outstanding employee awards were presented to: Charlene Cleveland for Service to the Community, Cynthia Gilmore for Creative Job Performance, and Arlene Fletcher for Service to the University.

Vice President Thomas Aceto presented service awards to the following employees for 25 years of service to the University:

- Robert Boyington - Facilities Management**
- Wayne Edgcomb - Facilities Management**
- Dennis Grant - Facilities Management**
- Barbara Guay - Plant and Soil Sciences**
- Orman Jackson - Residential Life**
- Ronald Jones - Library**
- Fred King - Residential Life**
- Matthew Mitchell - Facilities Management**
- Carl Moon - Facilities Management**
- Ronald Pelletier - Facilities Management**
- Judy Polyot - Geological Sciences**
- Susan Rocha - Journalism and Mass Communication**
- Joseph Shorette - Residential Life**
- Frank St. Louis - Facilities Management**
- Robert Taylor - Printing Office**
- Raymond Thibodeau - Public Safety**
- Stephen Weymouth - Facilities Management**

Farm improvement programs and loans from the Farm Security Administration (FSA) helped small farmers in Maine and America survive the Great Depression. In so doing, The FSA left another legacy-its photographers took over 100,000 pictures of the lives of ordinary Americans. These FSA photographers have given most Americans their image of the Great Depression - 90 of these images that were taken in Maine will be on display at the University of Maine Museum of Art July 1-Aug. 9.

The Museum of Art is located in Carnegie Hall. Museum hours are: Monday-Friday 8 a.m.-4:30 p.m., Saturday 1-4 p.m. An Opening Reception for the exhibit will be held 1-3 p.m., July 7.

In October 1940, FSA photographer Jack Delano photographed St. John Valley Acadian farmers helped by the FSA to establish profitable seed potato units. In August 1942 and May 1943 John Collier Jr. photographed the FSA's "rural rehabilitation" program in the St. John Valley, a program to restore profitability and self-sufficiency to the family farm.

In portraying the lives of an Acadian life now forgotten, Delano and Collier photographed approximately 20 families. Historian C. Stewart Doty located 100 surviving members of 15 of those families. He interviewed many of them, and combined the interview results with research in newspapers and government records. The extensive captions to the exhibition's photographs are based on those findings.

In 1989-1990, Jack Walas, UM chief photographer, retraced the steps of FSA photographer Delano and Collier. His photographs, along with the interviews with the subjects, allow us to see what happened to many of the Acadian people and places who were helped by the Farm Security Administration to weather the Great Depression.



Along the Mall

John Moring, prof. of zoology, presented a paper: "Effects of Logging Practices on Trout in Streams: A Review of Four Studies in Oregon and Maine," at the Trout and Timber Workshop: Forestry Practices and Trout Management, sponsored by the Southern Division of the American Fisheries Society, Deep Creek Lake, Maryland, May 9.

Several members of the Zoology Department attended the Northeast Fish and Wildlife Conference, May 12-15, Portland. **Terry Haines**, prof., chaired a session on Freshwater Fisheries, and presented a paper, co-authored by Charles Jagoe and Victoria Matey: "Gill Histopathology and Toxicity of Beryllium in Acid Water to Perch (*Perca fluviatilis* and *P. flavescens*)." **Irv Kornfield**, prof., presented a paper, co-authored by S. Seymoum and Fred Kircheis: "Genetic Characterization of Arctic Char from New England: Uniqueness and Affinities of Mitochondrial DNA." **John Moring**, prof., chaired a session on Anadromous Fisheries. **Jill Ryan**, grad. research assist., presented a paper: "Mercury in the Environment and Implications for Fish." **Aggy Vanderpool**, grad. research assist., presented a paper: "Downstream Migratory Activity of Atlantic Salmon Smolts in the Penobscot River, Maine." **Frank Frost**, zoology student technician, presented a paper, co-authored by Joan Trial: "Bait Fisheries Regulations Can Affect Bait Price." **Todd Smith**, **Steven Parker** and **Michael Miller**, grad. research assists., also attended the conference.

Robert Lad, assist. prof. of physics and member of LASST, presented a paper, co-authored by **Matthew Antonik**, grad. student in physics and LASST: "Defect Microstructure of Oxide Surfaces Imaged by Atomic Force Microscopy," at the American Ceramic Society, May 1, Cincinnati.

Clayton Dodge, prof. of mathematics, served as a judge of mathematics exhibits by high school students at the 42nd International Science and Engineering Fair, Orlando, May 8.

Norman Wilkinson, prof. theatre, discussed: "The Double Standard, Women in the Drama," in an address to the Athene Club, Bangor, April 11. In addition, he spoke to Orono-Old Town Kiwanis on "Britain," May 7, and was an actor in "Summer in Goodhaven," part of the Penobscot Theatre's New Works Festival, May 11. Wilkinson served as master of ceremonies for the Annual Barber-shop Maine-ly Music Chorus at the Maine Center for the Arts, May 18, and also addressed five Kiwanis Clubs, meeting at St. Andrew's, New Brunswick, May 21, on: "Hong Kong: Past, Present, and Future."

David Dow, dir. of the Maine Lobster Institute, was interviewed live for 15 minutes on WCTC-AM radio (an ABC affiliate), New Brunswick, N.J., May 2. Dow commented on economic and political problems of the lobster industry.

Dennis Cox, prof. of music, Fred Stoltzfus of McGill University, and Cleveland Howard of the University of New Hampshire, were invited to adjudicate Canadian and American choirs in Quebec City April 27. The event was held in Albert Rousseau Hall, CEGEP St. Foy School.

Malcolm Hunter, prof. of wildlife, presented a paper: "Impacts of Biomass Fuel Management on Wildlife," to the National Audubon Society, New York, May 6.

Fred Servello, assist. prof. of wildlife, presented a paper: "Herbicides and Wildlife Habitat," at the Vegetation Management Workshop, sponsored by the UM College of Forest Resources, April 30.

Stephen Whittington, dir. of the Hudson Museum, recently presented two papers: "Enamel Hypoplasia in the Low Status Maya Population of Copan, Honduras Around the Time of the Collapse," at the 60th Annual Meeting of the American Assn. of Physical Anthropologists, April 5; and "History and Functions of a Pair of Neighboring Rural Elite Residential Compounds in the Ostuman Pocket, Copan, Honduras," (with Scott Zeleznik of Penn State University) at the 56th Annual Meeting of the Society for American Archaeology, April 26.

David Smith, Bird & Bird Prof. of History, recently returned from a lecture tour in Idaho, sponsored by the Idaho Commission on the Humanities and the Idaho Historical Society. He showed films: "From Stump to Ship," and "Woodsmen and River Drivers," followed by a talk and discussion on woods work and environmental issues, Cascade, Idaho, May 5; Orofino, Idaho, May 6; Moscow, Idaho, May 7; Saint Marie's, Idaho, May 8; Sandpoint, Idaho, May 9; and Idaho City, May 12.

Marc Baranowski, assoc. prof. of human development, presented a workshop: "Research on Aging in Maine: Creating a Directory," at the annual meeting of the Maine Gerontological Society, Gorham, May 17.

Peter Csavinszky, prof. of physics, attended the First Canadian Symposium on Computational Chemistry, Orford, Quebec, May 19-22, and presented: "Accuracy of Simpson's Rule in a Variational Density-functional Calculation of the Total Atomic Energy."

Two retired University of Maine professors - **Benjamin Hoffman** and **Fred Knight** - have been named to Honorary Life Membership in the Northeastern Loggers' Association.

Fewer than 20 individuals have been named to the distinctive category of membership since it was established 14 years ago to recognize those who have made significant contributions to forestry and the forest industry.

Hoffman, who retired last year, was associate professor of forest resources and forest engineering. Knight, who retired in December as dean of the College of Forest Resources, served on the NELA board.



Along the Mall

David Smith, Bird & Bird Prof. of History, and **Judy Barrett Litoff**, prof. of history, Bryant College (UM PH.D., 1976), delivered a paper: "The Good War' Revisited: Home Front Letters From American Women," at the Annual Meeting of the Organization of American Historians, Louisville, April 13. In addition, Smith and Litoff delivered a paper: "A Date That Will Live in Infamy': American Women and the Attack on Pearl Harbor, December 7, 1941," at the Siena College Symposium on World War II, May 30.

Clayton Dodge, **Phillip Locke**, **John Mairhuber**, profs. of mathematics, and **Gregorio Fuentes**, prof. emeritus of mathematics, attended a Conference on History, Geometry and Pedagogy to honor the 80th birthday of **Howard Eves**, prof. emeritus of mathematics, at the University of Central Florida, Orlando, May 9-11. Dodge gave an invited address: "Reflections of a Problems Editor." He and Mairhuber also spoke on "Reminiscences."

Alfred Leick, assoc. prof. of surveying engineering, elected member of the Board of directors of the American Assn. of Geodetic Surveying (AAGS), attended board meetings of AAGS and presented the paper: "Systematic Effects of Single Frequency GPS in the Continuous Mode," at the ACSM/ASPRS annual convention, Baltimore, March 25-28. April 24-26, he gave a series of lecture on: "Geodetic Theory with Applications in Hydrographic Surveying," at the Naval Oceanographic Office, Stennis Space Center, Bay St. Louis, Miss.

Michael Greenwood, Ruth Hutchins Prof. of Tree Physiology, has been named associate editor of the Can. J. For. Research.

William Krohn, prof. of wildlife and leader of the Maine Cooperative Fish and Wildlife Research Unit, presented a paper: "Ecology of Fishers (*Martes pennanti*) in Northern New England," to the Vermont Institute of Natural Science, Woodstock, Vt., April 25.

David Dow, dir., Lobster Institute, chaired two panels on: "Establishing the Maine Lobster Promotion Council," and the Lobster Round Table at the 16th Annual Maine Fishermen's Forum, Rockport, March 8-9.

Michael Greenwood, Ruth Hutchins Prof. of Tree Physiology, gave seminars in the University of New Hampshire Dept. of Biochemistry Feb. 25., and in the University of Vermont Wildlife Dept. March 14. In addition on March 14, he gave an invited talk at the SAF Regional Meeting, Burlington, Vt., on intensive forestry and biosphere preserves.

Robert Steneck, assoc. prof. of oceanography, Darling Marine Center, was invited to chair a session and present a paper: "The Demographic Consequence of Intraspecific Competition Among Lobsters (*Homarus americanus*)," at the 19th Annual Marine Benthic Ecology Meeting, March 7-10, Williamsburg, Va. Also presenting papers from the Darling Marine Center were: **Robert Findlay**, research assist. prof. of biochemistry, microbiology and molecular biology: "The Effects of Commercial Dragging on the Sedimentary Microbial Community"; **Wendy Malpass**, Dept. of Oceanography: "Niche Differentiation Among Small Predatory Fishes in Shallow Benthic Communities of the Gulf of Maine"; **Paul Bologna**, Dept. of Oceanography: "Kelp as Biogenic Habitat for the American Lobsters, *Homarus americanus*"; and **Linda McCann**, Dept. of Oceanography: "Secondary Production Estimates - Are They Valid?" In attendance from the Dept. of Oceanography were **Tim Miller**, **Wayne Tripp** and **Iver McLeod**.

Katherine Schmidt, microbiology grad. student, attended the Atlantic Universities International Graduate Biology Conference at the University of New Brunswick and presented a paper: "Virulence and Vaccine Efficacy of *Vibrio anguillarum* 775 Containing Site-Specific Mutations in the Virulence Plasmid pJM1" by Schmidt, **John Singer** and **Catherine Hopper**.

Jerry Longcore, wildlife biologist, U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, is the recipient of the USFWS 1990 Unusually Outstanding Employee Award for unusually outstanding contributions to the Service's mission.

Richard Campana, attended the Northeast Forest Pathology Workshop, held in Newry, May 28-30, and presented a short report on the recent discovery of Dutch Elm Disease in New Zealand. There are no natural elms in New Zealand, but a population of 250,000 English elms have been established since European colonization.

Ines Muniz, microbiology grad. student, attended the 63rd Northeastern Conference on Avian Diseases, Cornell University College of Veterinary Medicine, and presented a paper: "Molecular Characterization of *Salmonella enteritidis* from the Northeast," by **John Singer**¹, **H. Michael Optiz**², **Michael Opitz**², **Melvin Gershman**², **Mary Hall**¹, **Muniz**¹, and **Shobha Rao**¹, Dept. of Biochemistry, Microbiology and Molecular Biology¹, and Dept. of Animal, Veterinary, and Aquatic Sciences².

"Characterization of *Salmonella enteritidis* Isolates from the Northeast" by **John Singer**¹, **H. Michael Optiz**², **Melvin Gershman**², **Mary Hall**¹, **Ines Muniz**¹, and **Shobha Rao**¹, Dept. of Biochemistry, Microbiology and Molecular Biology¹, and Dept. of Animal, Veterinary and Aquatic Sciences², was presented at this year's 91st Annual Meeting of the American Society for Microbiology in Dallas.

Robert Milardo, assoc. prof. of child development and family relations, recently presented an invited address: "Linking Social Networks and Marital Relationships," at the Third International Network Conference on Personal Relationships at Illinois State University. He also presented a paper with Edith Burger: "Pair Interdependence and Network Structure."



Along the Mall

David Dow, Sea Grant Marine Advisory Program Leader, took part in the national Sea Grant Marine Advisory Service Futures Committee Meeting, New Orleans, March 1-3.

Robert Milardo, assoc. prof. of child development and family relations, was recently appointed Visiting Research Fellow at The Netherlands Interdisciplinary Demographic Institute.

Peter Vickery, grad. student in wildlife, has been elected chair of the Maine Dept. of Inland Fisheries and Wildlife Nongame Advisory Council for 1991-1992.

Mohamed Elgaaly, prof. of civil engineering, and **Habib Dagher**, assist. prof. of civil engineering, have been awarded a two-year \$100,176 grant by the National Science Foundation. The grant is to study the behavior of steel girders with corrugated webs.

Robert White, dir. of the Continuing Education Division and Summer Session, was recently elected to a two-year term on the board of directors of the National University Continuing Education Assn. (NUCEA). White represents Region I (New England) and its NUCEA institutional members, and was elected at the 1991 NUCEA annual meeting in Miami.

Dagmar Cronn, dean of the College of Sciences and prof. of chemistry, was a co-author of a presentation: "Mixing Ratios and Seasonal Cycles of Atmospheric Methane and Carbon Dioxide at Palmer Station, Antarctica" with Halvor Westberg and John Sheppard of Washington State University, and Kevin Schilling, now of Morrison & Knutson Engineers, Boise. The paper was presented in Boulder at the June 3-6 Symposium on the Tropospheric Chemistry of the Antarctic Region, sponsored by the National Oceanic and Atmospheric Administration.

Don Stratton, assoc. prof. of music, has been elected president of the Maine chapter of the International Assn. of Jazz Educators for 1991-93.



Six members of the Cutler Health Center staff were invited to make presentations at the 69th Annual Meeting of the American College Health Association. "Vision 2000: Setting New Standards" was held May 28-June 1 in Boston. Taking part in the Conference were, left to right, Dr. Mark Jackson, director of Cutler Health Center; Martha Eastman, clinical coordinator of nursing; Anne Levesque, graduate student who received her master's degree in public administration in May; Ruth Lockhart, health educator; and Dr. John Archambault, student health and team physician. Not pictured is Lillian Zanchi, staff nurse. The presentations by the Cutler team were: Jackson - "Management Tools for Shaping Student Health Programs: Meeting the Challenge of Down Sizing and Subcontracting Services"; Eastman - "Creating a Public Health Vision for the Future of Student Health Services"; a panel presentation by Eastman, Zanchi and Martin Sabol, public health advisor with the State Department of Human Services, Bangor - "Campus and Community Collaboration in Response to a Measles Outbreak at the University of Maine"; Levesque - "Women's Health Care in University Settings"; Lockhart - "HIV/AIDS Education in Rural Areas: A Strategy for Networking and Sharing of Resources"; Archambault - "Gamekeeper's Thumb - A New Methodology for Treatment."

Sandra Caron, assist. prof. of family relations, and **Margaret Zillioux**, assist. athletic director for Academic Support Services, presented a workshop: "Athletes as Educators: Athletes for Sexual Responsibility," at the Annual Meeting of the American College Health Assn., Boston, May 31. As part of the presentation, members of UM's Athletes for Sexual Responsibility presented their workshop on rape awareness: **Al Bigos**,

Dan DiGravio, Marty Higgins, Kathy Karlsson, Erik Sauter, Wendy Semoni-an and Jennifer Wadman.

David Smith, Bird & Bird Prof. of History, delivered a paper: "North American Views of English Agriculture, 1785-1885," at the Annual Meeting of the Canadian Historical Assn., Kingston, Ontario, June 4.

At the Annual Meeting of the Pine Tree State 4-H Foundation in May, Scott Johnson, president of the Board of Trustees, accorded special recognition to UM President Dale Lick. The award, accepted by his wife, Marilyn, recognized President Lick for his strong commitment to Cooperative Extension and the Maine 4-H program during his tenure at UM. The Pine Tree State 4-H Foundation, with assets of \$1.3 million, is the private support group for 4-H activities statewide.





Publications

C.W. Murdoch, dir. of professional development and assist. prof., College of Forest Resources, and **C. Gordon**, laboratory technician (retired): "Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine," American Potato Journal. Vol. 68, No. 5 (May 1991) pp. 269-278.

G. Bruce Wiersma, dean, College of Forest Resources, M.D. Otis and G.J. White: "Application of Simple Models to the Design of Environmental Monitoring Systems: A Remote Site Test Case. 1991," Journal of Environmental Management. 32 (1) pp. 81-92.

Christopher Cronan, prof. of botany: "Differential Adsorption of Al, Ca, and Mg by Roots of Red Spruce (*Picea rubens* Sarg.)," Tree Physiology. Vol. 8 (1991) pp. 227-237.

Fred DiBello, former research assoc. in wildlife, **Stephen Arthur**, former grad. student in wildlife, and **William Krohn**, leader of the Maine Cooperative Fish and Wildlife Research Unit: "Food Habits of Sympatric Coyotes, Red Foxes, and Bobcats in Maine," Canadian Field-Naturalist. 104, 3 (1990) pp. 403-408.

Robert Vadas, Dept. of Plant Biology and Pathology, and former grad. student **Linda Bacon** (Maine DEP): "A Model for Gamete Release in *Ascophyllum nodosum* (Phaeophyta)," Journal of Phycology. 27, pp. 166-173.

William Randel, prof. of English emeritus, two reviews of: Hawthorne's American Travel Sketches by Alfred Weber, Beth Lueck and Dennis Berthold, in The Nathaniel Hawthorne Review. (Spring 1991) pp. 25-26; and Out of the Wilderness: The Emergence of an American Identity by John Canup, in American Literature. (June 1991) pp. 325-26.

Pralad Yonzon, former grad. student in wildlife, and **Malcolm Hunter Jr.**, prof. of wildlife: "Cheese, Tourists, and Red Pandas in the Nepal Himalayas," Conservation Biology. Vol. 5 (1991) pp.196-202.

John Singer, assist. prof. of microbiology, and **Wonkyu Choe** and **Katherine Schmidt**, grad. students: "Use of a Restriction-Defective Variant for the Construction of Stable Attenuated Strains of the Marine Fish Pathogen *Vibrio anquillarum* 775," Journal of Microbiological Methods. Vol 13 (1) (1991) pp. 49-60.

Diana Hulse-Killacky, assoc. prof. of education, with F.F. Robison and D. Keith Morran, Indiana University: "Reporting Group Research: Conceptual and Technical Considerations for Preparing Manuscripts," Journal for Specialists in Group Work. Vol. 16, No. 2 (May 1991) pp. 101-108.

Lloyd Irland, faculty assoc., forest resources, and Frank O'Hara, Market Decision Inc., edited by **Christopher Murdoch** and **Catherine King**, College of Forest Resources: Millwork Producers in Maine: Business Activities and Trends. MAES Misc. Report 352 (April 1991) 28 pages.

G. Bruce Wiersma, dean, College of Forest Resources, D.A. Bruns and E.R. Rykiel: "Ecosystem Monitoring at Global

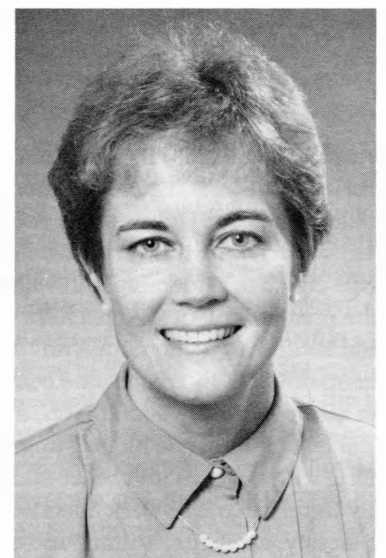
Baseline Sites," Environmental Monitoring and Assessment. 17:1 (1991) pp. 3-31.

Shawn Crowley, former undergrad. student, **William Krohn**, prof. and leader of the Maine Cooperative Fish and Wildlife Research Unit, and **Thomas Paragi**, former grad. student, all in wildlife: "A Comparison of Fisher Reproductive Estimates," Transactions of the Northeast Section of The Wildlife Society Conference. Vol. 47 (1990) pp. 36-42.

Melvin Burke, prof. of economics, presented a paper: "A Practical Methodology for Project Evaluation, Monitoring and Identification," at the International Trade and Finance Associate Conference, Marseille, France, May 30-June 2. The paper has been published in International Trade and Finance in the 1990's. Conference Proceedings, Vol. IV, pp. 1379-1394.

G. Bruce Wiersma dean, College of Forest Resources, D.A. Bruns, and G.W. Minshall: "Problems of Long Term Monitoring of Lotic Ecosystems," in: P. Firth and S.G. Fisher, eds., Global Climate Change and Fresh Water Ecosystems. Springer - Verlag, New York, N.Y. (1991).

Peggy Crawford has recently been appointed director of Student Aid. Crawford has been employed at the University since 1981, beginning as a financial aid counselor and most recently serving as interim director of the Office of Student Aid. She received her B.S. in psychology with honors from Washington State University in 1971, and an M.Ed. in counselor education and student personnel from the University of Maine in 1983. Since that time she has been active in the Eastern Association of Financial Aid Administrators and the Maine Association of Financial Aid Administrators. In addition, she is a member of the Blaine House Scholars Advisory Board and Selection Committee, and has served on the Maine rural Rehabilitation Scholars Advisory Board, and Selection Committee, the Maine GSL Program Advisory Board, and the Maine Task Force on Debt Management. She also served as chief negotiator for the 1989-91 contact for the University of Maine Professional Staff Association, and is currently chair of the Brewer High School Guidance Advisory Board.





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).

Instructor, Department of Speech Communication. Fixed-length, academic-year 1991-92 appointment. Qualifications: M.A. in speech communication and prior college teaching experience; familiarity with basic course/communication education desirable. Salary: \$20,290 (rank minimum). Review of applications will begin July 1. Start Date: Sept. 1. For further information and to apply, send letter, vita, and references to: Eric Peterson, Chairperson, 315 Stevens Hall.

Assistant Professors of Accounting (2), College of Business Administration. Tenure-track positions. Qualifications: Doctoral degree in business administration or substantial evidence of a degree completed at the time of appointment. Teaching experience desirable. All candidates must demonstrate an aptitude for successful teaching, research and public service. Start Date: Jan. 1, 1992 or Sept. 1, 1992. For further information and to apply, contact: W. Stanley Devino, Dean, College of Business Administration, 8 South Stevens Hall.

Director of Athletics, Department of Athletics. Full-time regular position. Qualifications: The University is seeking a creative, dynamic individual who can provide effective leadership and vision for the area of athletics. Applicants should be able to demonstrate an understanding of intercollegiate competition at the NCAA Division I level, a successful leadership style in assisting and working with coaches and other staff, an ability to relate to and work effectively with faculty, students, alumni and other

members of the larger community, and the capacity to create an exciting environment for athletics at the University. An understanding of and a commitment to both academic and athletic excellence will be sought as well as the ability to operate within both the letter and spirit of NCAA regulations. Review of applications will begin June 28. Start Date: July 1. For further information and to apply, submit a complete resume and the names, addresses and telephone numbers of five references to: Chair, Athletic Director Search Committee, 151 Shibles Hall.

Instructors of Journalism and Mass Communication (one to five), Department of Journalism and Mass Communication. Part-time, fall 1991 semester positions. Qualifications: M.A. or significant professional experience required. Salary Range: \$2,000-\$2,500 per position, per semester. Deadline for applications: June 25. Start Date: Sept. 1. For further information and to apply, send resume and reference names to: Stuart Bullion, Chair, Department of Journalism and Mass Communication, Lord Hall.

Education Outreach Coordinator, Canadian-American Center. Part-time regular professional position (three or four days a week/nine months, depending on funding). Qualifications: Master's of Education; reading proficiency in French; minimum two years experience in Canadian Studies outreach, in-service and pre-service training, and administration; substantial experience in conducting conferences and institutes in the United States and Canada; and established track record in grant writing and fund raising. Salary: \$12,096-\$16,128. Deadline for applications: July 15. Start Date: Sept. 1. For further information and to apply, send letter of application to: Peter Morici, Director, Canadian-American Center, 154 College Ave.

Social Sciences and Humanities Reference Librarian, Raymond H. Fogler Library. Continuing appointment, 12-month contract, 40 hours/week, Sunday-Thursday. Qualifications: Required:

M.A. in librarianship from accredited program; reference experience; excellent oral and written communication skills. Preferred: Experience in collection development, data base searching, and bibliographic instruction. Salary: \$21,000+. Review of applications will begin July 8. Start Date: Aug. 20 or thereafter. For further information and to apply, send resume, letter of application and names of three references to: Richard Swain, Head of References, Fogler Library.

Costume Designer/Instructor, Department of Theatre/Dance. Part-time, academic-year appointment, renewal subject to administrative approval. Replaces costume designer who is assuming chair position. Qualifications: Experience in costume design; submission of portfolio materials; experience or coursework in stage makeup. B.A. or related coursework in theatre preferred. Salary: \$9,000. Deadline for applications: July 1. Start Date: Sept. 3. For further information and to apply, send letter of application, resume and portfolio materials to: Jane Snider, Chair, Theatre/Dance Department, 229 Alumni Hall.

Research Associate, Department of Biochemistry, Microbiology, and Molecular Biology. Half-time regular position; funding available for two years; extension contingent upon continuation of outside funding. Qualifications: Minimum of a bachelor's degree in a biological or biochemical Science. Experience is essential in one or more of the following techniques: combinant DNA methodologies; cell culture (preferably fish cell culture); virus isolation and identification; ELISA and other serological assays; fish disease diagnostic; field sample (preferably for fish diseases); developing experimental procedures for statistically accurate collection of samples. Salary: \$12,000. Review of applications will begin June 21. For further information and to apply, send resume and list of references to: Bruce Nicholson, Chair, Department of Biochemistry, Microbiology, and Molecular Biology, 187 Hitchner Hall.

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Positions

Microcomputer Repair Specialist, Department of Computing & Instructional Technology. Full-time regular professional. **Qualifications:** Experience required in repair and maintenance of the following computers: Apple IIe, Macintosh, IBM PC, Zenith PC, AT&T and related peripherals. Certified for repair in Macintosh and IBM PS/2 systems. Network experience desired. Associate/Bachelor's degree preferred in Electrical Engineering or related area. Maine driver's license required. Ability to deal with all University personnel. Lifting of up to 60 lbs. and delivery/set-up of complex video/computer systems in classrooms required. **Salary Range:** \$20,000-\$25,000. **Start Date:** After July 1. Review of applications will begin immediately upon receipt. For further information and to apply, send resume and three references to: Search Committee, 17 Shibles Hall.

Instructor or Assistant Professor of Nursing, School of Nursing. One-year, fixed-length appointment. **Qualifications:** Master of Science in nursing, clinical practice and teaching experience

required; doctorate or dissertation in progress desirable. **Salary Range:** \$25,000-\$31,000. **Deadline for applications:** July 15. **Start Date:** Sept. 1. For further information and to apply, send resume and names of three references to: Chair, Search Committee, School of Nursing, 160 College Ave.

Lecturer, Department of Legal Technology. Fixed-length appointment (fall 1991-spring 1992). **Qualifications:** Master's degree or equivalent professional experience required. Applicant will be required to teach criminal justice courses. **Salary:** \$24,000. Review of applications will begin July 12. **Start Date:** Sept. 3. For further information and to apply, send resume and references to: Mary Louis Kurr, 210 Texas Ave., Katahdin Hall, Bangor, ME 04401

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.



Volny Dorceus and Claude Jean

Two University of Maine CASS (Cooperative Association of States for Scholarships) international students have been granted full scholarships by the USAID Leadership Center of the Americas (LCA) to attend the LCA Spring Seminar, a national student leadership conference, for a week in Norman, Okla. Among only 125 students tapped nationwide, the UM students were selected on the basis of scholastic performance and demonstration of strong potential for leadership. The two students, Volny Dorceus and Claude Jean, are both majoring in clothing merchandising in the College of Applied Sciences and Agriculture.

This is the second time UM students have been selected for this national student leadership seminar sponsored by USAID. In December, six students - all members of the CASS Program - received scholarships to attend the LCA Winter Seminar in Baton Rouge.

The CASS Program is part of the Office of International Programs, directed by James Sherburne.



Four new trustees were elected to the Board of the Pine Tree State 4-H Foundation at the Annual Meeting held in May at the University of Maine. President Scott Johnson, center, joins new trustees, left to right, Robert McNeally of Gorham, Hannah Carter of Washburn (a 4-H member and incoming first-year student at UM majoring in animal science), Clare Payne of Bangor and Harold Brown, a 4-H specialist with UM Cooperative Extension. The Pine Tree State 4-H Foundation, with assets of \$1.3 million, is the private support group for 4-H activities statewide.



Campus Notes

A Seminar on Soviet Education featuring seven presenters from Leninsky School District, Leningrad, will be held 1:30-3:30 p.m., July 8-11, Stewart Commons Private Dining Room. The Seminar is offered by the College of Education and Maine Leningrad School Counseling Associates. The educators include psychologists and principals. The topics they will present are: "Structure of School Systems and Characteristics of Students," July 8; "Curriculum and Services," July 9; "Teachers, Teacher Training, Teaching Methods," July 10; "Problems, Trends, Future Prospects," July 11. Registration is \$10 for each day; \$35 for all four days. For more information, contact: Dianne Avery, 135 Shibles Hall, x2430. Registration deadline: June 25.

Summer hours at the Parking Coordinator's Office are 7:30 a.m.-3:30 p.m. through Aug. 31. Temporary parking permits are always available from the Public Safety dispatcher. The parking rules regarding parking lot decal designation are in effect throughout the summer.

Anyone having problems with the suction cups on the plexi-glas decal holders may turn in the holders for one free decal to be affixed to their windshield. In the fall, it will be necessary to purchase a new decal. The plexi-glas decal hangers will not be offered.

Shibles parking lot will be closed due to construction of the new Donald P. Corbett Business Building. Replacement parking is presently under construction across from the Maine Center for the Arts adjacent to Belgrade Spur.

UM Employee Assistance Program is a free, confidential assessment and referral service for faculty, staff and their immediate families seeking solutions to persistent personal problems. Summer coverage (July 1-Sept. 1) is being provided by the UM Counseling Center. For an appointment, contact the Counseling Center, x1392, identify yourself as an employee or an immediate family member of an employee, and state you are

seeking EAP services. As always, EAP consultations are strictly confidential.

Applications for the Classified Employees Scholarship Fall 1991

Awards are available from Debra Perro, 215 Stevens Hall, x1850. These scholarships are made available to dependent children, grandchildren or stepchildren of classified employees employed by and based at the University of Maine on the Orono and Bangor campuses. Applicants need to be enrolled in an institution of higher education and be a full-time degree candidate at any Maine school.

The annual Upward Bound Student Blood Drive will be held noon-5 p.m. July 10, Lown Rooms, Union. The University community is asked to help out by donating during the University's only blood drive in the summer months - when the need is greatest. For more information or to reserve a time, call x2522.

Jasmine's Restaurant of Orono is sponsoring its **2nd Annual 5k Jaunt** beginning at 10 a.m. Aug. 4 at the University of Maine Field House. Proceeds from the race will benefit the University's Upward Bound College Scholarship Fund. For information/entry sheet, contact Jasmine's, 866-4200, or Upward Bound.

Memorial Union Summer Session Hours, through Aug. 31:

Building: Monday-Sunday, 7 a.m.-9 p.m., closed July 4; Offices: Monday-Friday, 8 a.m.-4:30 p.m., closed weekends and July 4; Gameroom: Monday-

Friday, 9 a.m.-4 p.m., closed weekends and July 4; Newscounter: Monday-Friday, 7:30 a.m.-4 p.m., closed weekends and July 4; Bookstore: Monday-Friday, 8 a.m.-4:30 p.m., closed weekends and July 4; Damn Yankee - Monday-Friday, 7 a.m.-2:30 p.m., closed July 4.

Dining Commons Summer Schedule:

York Commons open for summer conference business, summer seniors, resident hall students and the campus community through Aug. 17: Breakfast - 7-9:30 a.m. Monday-Friday, 7:30-9 a.m. Saturday, 8-9:30 a.m. Sunday. Lunch - 11:30 a.m.-1 p.m. daily; Dinner - 4:30-6:30 p.m. Monday-Friday, 4:30-6 p.m. Saturday-Sunday. Stewart Commons open to the public Aug. 17-Aug. 30: Breakfast - 7-9:30 a.m. Monday-Friday, Lunch - 11 a.m.-1:30 p.m. Monday-Friday, Dinner - 4:30-7 p.m. Monday-Friday, Brunch - 10:30 a.m.-1:30 p.m. Saturday-Sunday, 4-6:30 p.m. Saturday-Sunday.



Directory Changes

- x1349 **Robin Parsons**, Records Technician II, Student Employment
- x1324 **Jolynn Cropley**, Coordinator of University Loans (one-year appointment), Student Aid
- x1324 **Deborah Kennedy**, Records Technician I, Student Aid
- x2143 **Kathleen Hornsby**
- x2149 **Blane Shaw**



For 23 years, Jean Pressey has served the University of Maine in many capacities. For the past six years, she has served as assistant director of Telecommunications, a role in which she served with great energy and enthusiasm. On June 3, Jean retired. We at Telecommunications would like to take this opportunity to thank Jean for the many years of leadership and direction which she has provided. Best wishes to you and your family in your retirement years.



Campus Notes

Surplus Sale: The University of Maine offers for sale on an as-is, where-is basis the following: (1) ZENITH ZF-171 COMPUTER, mono screen, floppy drive, \$350; (1) EPSON DX 20 PRINTER, letter quality, \$75; (1) IBM 5150 COMPUTER, color monitor, 30 meg hard drive and Panasonic KXP-1080 printer, \$500, (1) OVERHEAD GARAGE DOOR, 9' x 7', metal, insulated, BEST OFFER; (1) IBM CARD FILE, file cabinet size with 11 4" x 8" double drawers, good for storing hand tools etc, \$25; (2) COUNTERS, w/ formica tops, 40"H x 88"L x 24"D, no shelves and another that is L-shaped 40"H x 85"L and 47"L x 14.5"D, w/ 6 adjustable shelves, \$50 each; (2) METAL STOOLS, with backs,

vinyl seat, \$10 each; (1) OFFICE CHAIR, with arms, green vinyl \$10; (1) TYPING STAND, \$25; (1) NEC 3550 PRINTER, \$200; (1) IBM COPIER III MDL 60, reduction, double sided copies, 20 bin collator, auto doc feed, \$2950; (1) RONEO L200 SPIRIT DUPLICATOR, \$25; (1) TWO WAY CAR RADIO, Midland 70-440B, \$300; (1) IBM MAG CARD COMPOSER, 30-6212, \$200; (1) 5037 SAVIN COPIER, \$200; (1) SONY CCD V220 CAMCORDER, 8mm, video light, tripod, battery charger, 8 tapes, \$600; (1) CELLULAR PHONE, NEC EZ-2400, \$300; (1) PORTABLE COMPUTER, Cambridge Z-88, 512K RAM, \$300; (1) CPT 8525 WORD PROCESSOR, \$200; (1) BATES ELECTRIC STAPLER, \$FREE; (1)

ELECTRONIC LETTER OPENER, Panasonic, FREE; (1) A.B.DICK 545 MIMEOGRAPH, 2 years old, \$450; (1) A.B.DICK 217 DUPLICATOR, w/6 gallons of fluid and 9 boxes of masters, \$50; (1) DECMATE 1 WORDPROCESSOR, monitor, keyboard and 2 drives, takes 8" disks, \$100, (1) STABILIZATION PROCESSOR, Spiratone Printall LS-200, \$50; (2) ACOUSTICAL PRINTER HOODS, \$35 each; (1) UPRIGHT FREEZER, Kenmore 31cf, \$200.

Off-campus inquires are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Dept., x2692.

Committee on Women's Programs *continued from page 3*

scholarship related to women.

3. By September 1991, a half-time coordinator (professional position) with appropriate clerical support be assigned for the Women's Resource Center, located in appropriate interim space.

4. Consider physically housing WIC offices in the Women's Resource Center to facilitate access, communication and shared resources.

5. Review WIC programs that are not central to the Women's Studies or curriculum revision missions to determine if they should be continued and where to locate them, with a view toward shifting a number of existing WIC programs to the Women's Resource Center.

6. Academic Affairs and WIC Advisory Committee continue to explore the most appropriate academic home for the Women's Studies program to assure continued nurturance, growth, credibility and inclusion.

7. Women's Resource Center, as part of its networking role, annually publish an informational brochure listing programming and resources for women at UM.

8. Equal Opportunity continue to focus on its compliance monitoring and ongoing policy advising roles regarding equal opportunity/affirmative action. In addition, it shall offer or collaborate to provide and/or encourage appropriate programs related to non-discrimination.

9. Council on Women continue to develop its role as a high-level, long-

range policy advisory group to the President, with emphasis on monitoring the implementation of the Report on the Task Force on the Status of Women. It will identify, study and make recommendations regarding new areas of concern related to the status of women at UM.

10. Council on Pluralism continue to develop its advisory role with a view toward gender as one of a number of bases of cultural pluralism on campus.

11. Acceptance of these recommendations would call for a review of the charge and composition of the WIC Advisory Committee by Academic Affairs.

12. Women's programs must address those aspects of campus climate most related to their missions. Assessing and bringing attention to long-term needs related to climate would be appropriate for the Council on Women.

A summary of the initiatives Lick is implementing at the recommendation of the Committee is as follows (a copy of the President's full response to the Committee is available from Equal Opportunity):

1. Regular meetings will take place, beginning this fall, with the various women's groups to assure communication and collaboration.

2. A faculty director for the Women in the Curriculum Program is in the process of appointment, and discussions are under way regarding the housing of WIC in the Women's Resource Center.

3. Space in Fernald Hall and staffing

for the establishment of a Women's Resource Center beginning in September has been authorized. The Transition Team will appoint a Women's Resource Center advisory board, and search for a half-time coordinator and half-time administrative assistant.

4. Concurrence with other recommendations, and forwarding of recommendations to appropriate offices on campus.

Three members of the University of Maine community were on hand April 18 at the inaugural ceremony of the Franco-American CENTRE Franco-Américain in Manchester, N.H. Marisue Pickering, associate vice president for Academic Affairs, was among the state and regional dignitaries speaking at the opening of the Centre Franco-Américain, a non-profit organization chartered by the State of New Hampshire with a mission to preserve the rich heritage of the French communities of North America, and to promote an understanding and appreciation of the history and cultural and artistic expression of these communities. Pickering presented two books - Acadian Hard Times and Immigrant Odessey, both on Franco-American topics and recently published by the University of Maine Press. Also attending the ceremony were C. Stewart Doty, author of Acadian Hard Times, and Yvon Labbé, director of UM Franco-American Affairs.



Sponsored Programs

Center for the Study of Philanthropy grants up to \$1,000 for research on such issues as individual, corporate and foundation giving, voluntarism, and social reform by non-governmental organizations in the United States. Deadline: Sept. 1

National Science Foundation supports projects to strengthen introductory-level undergraduate science, engineering, and mathematics education for majors, future teachers, or non-majors. NSF, the National Endowment for the Humanities, and the Department of Education's FIPSE will also jointly consider proposals to develop courses and curricula that

link meaningfully the study of science and the humanities. Deadline: Sept. 16

American Council of Learned Societies awards fellowships in support of research in all disciplines of the humanities and the humanities-related social sciences. Deadline: Sept. 30

Woodrow Wilson International Center for Scholars awards residential fellowships for research in the humanities and social sciences. Deadline: Oct. 1.

National Institute on Aging supports research on the health and effective functioning of older rural populations.

Proposals in five broad areas are especially encouraged: (1) the changing social, economic, demographic, and epidemiologic characteristics of the older rural population; (2) the occupational and physio-chemical environment; (3) the aging population of rural communities; (4) the availability, utilization, and quality of health care and other services; and (5) aging rural people as resources.

Naval Research Laboratory has issued a second FY91 Broad Agency Announcement, inviting proposals for research in computer science and artificial intelligence, directed-energy technology, electronic warfare, space science and technology, materials, device technology, radar, information management, surveillance and sensor technology, environmental effects on naval systems, and underwater acoustics.

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



Development Matters

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.

Transmitting Gifts to the Development Office

Many times to the University of Maine are handed directly to staff members or volunteers to campus organizations rather than sent to the Development Office. To insure the institution's responsiveness to our donors, all funds, regardless of size, should be transmitted to the Development Office promptly. Once funds are received by the Development Office, they can then be deposited into an interest-bearing account and a receipted acknowledgment can be sent to the donor. In the case of memorial gifts, the Development Office is also responsible for sending notification of contributors to the family.

If you or your department receives contributions or pledges of support from alumni, parents, friends or corporations, please forward those checks/pledge cards immediately to the Development Office for processing.



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9 a.m. Friday,
July 12**