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Maine Perspective

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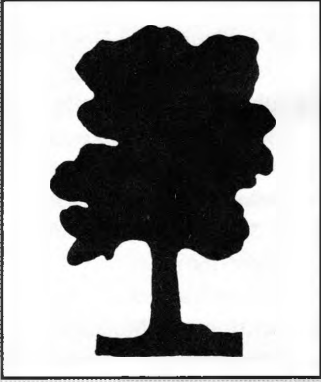
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Maine Perspective

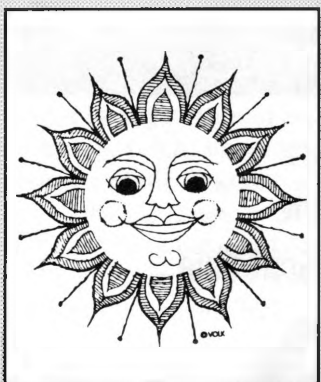
Vol. 3 No. 2 A PUBLICATION FOR THE UNIVERSITY OF MAINE AUGUST 23, 1991

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In Perspective



Along the Mall
page 2



Calendar
page 3



Sponsored Programs
page 4

High School Students Join UM Researchers in SEED Project

As part of a program for economically disadvantaged students, three high school seniors spent the summer at the University of Maine prying into the secrets of gold-based rheumatoid arthritis drugs, the presence of substances in plants that are potentially useful in insect control, and the role of the element manganese, in the progress of heart disease.

Supported by money from the American Chemical Society and matching funds provided by UM's Upward Bound and the College of Sciences, the young scientists received a stipend for their summer work while gaining valuable experience in the lab.

This innovative approach to education called Project SEED (Summer Educational Experience for the Disadvantaged) is designed mainly to encourage students to pursue a college career, according to Alice Bruce, UM assistant professor of chemistry who, with her husband Mitchell Bruce, assistant professor of chemistry, is overseeing UM's SEED program. A second goal is to spark an interest in science in the young scholars.

Bangor High School student Michelle

Ouellette worked with the Bruces on a project that is part of work funded by the National Institutes of Health to determine the basic chemical behavior of gold in gold-based anti-arthritis drugs.

Tamra Perro of Old Town worked under the guidance of Michael Bentley, professor of chemistry, to extract and separate from plants the biologically active natural products that might one day be useful insect antifeedants.

And Chad Becker, also of Old Town High School, working under the direction of Howard Patterson, professor of chemistry, studied the binding of amino acids to manganese as part of an overall study of the role of the element in heart disease.

**Watch the Sept. 6 issue of
Maine Perspective
for announcements of
new features to appear
this fall.**

And on the Lighter Side ... Sometime in early June, the University of Maine Credit Union addressed an envelope to "Alan Miller, 101B Lord Hall, Campus." More than two months later, the envelope was delivered to the Department of Journalism and Mass Communication in Lord Hall, having made it across campus by way of Ho Chi Minh City, Vietnam!



The envelope, intended to go by campus mail, apparently got into the U.S. postal system, which gave it a Bangor postmark dated June 10. What happened next is anyone's guess, but the envelope bears a rubber stamp on its front: "MISSENT TO HO CHI MINH CITY," and a Ho Chi Minh City postmark on its back dated July 16.

Miller, by the way, retired from the faculty at the end of the spring semester. He'll have to wait until the envelope is forwarded to him at his new home in Washington, D.C.



Along the Mall

Don Stratton, prof. of music, was at UMass/Jazz in July, July 15-19, instructing in improvisation and jazz ensemble playing. In addition, he lectured on John Kirby and Chamber Jazz, and performed in The Bright Moments Concert Series with Sheila Jordan, Max Roach and others.

Yvon Labbé, dir. of the Franco American Centre, gave a presentation on the Kennebec River Valley population and its historical, cultural links with the Vallée de la Rivière Chaudière, July 15, in Skowhegan. The event was sponsored by the cross-border Assn. Chau-Bec during an English immersion course organized for Beauce, Quebec francophones.

Robert Seymour, Curtis Hutchins assoc. prof. of forest resources, presented a paper: "Principles and Application of New Forestry in Eastern Spruce-fir Forests," at the Forest Ecology Working Group meeting at the national convention of the Society of American Foresters, San Francisco, Aug. 5-8. **Malcolm Hunter Jr.**, prof. of wildlife, is a co-author. Proceedings will be published by Oregon State Press as a special volume on new forestry in the U.S.

Yvon Labbé, dir. of the Franco American Centre, and **James Bishop**, a member of the Centre's Conseil Consultatif, presented talks on Franco Americans in Maine to 13 visiting students from Spain, July 1, at the Hammond Street Congregational Church, Bangor.

Deirdre Mageean, assist. prof. of public administration and research assoc., Margaret Chase Smith Center for Public Policy, attended an NSF workshop: "Exploratory Data Analysis Using Micro Computers," at California State University, Fullerton, July 28-Aug. 2.

Steve Sader, assoc. prof. of forest resources, presented a paper: "Remote Sensing of Narcotic Crops From Satellite and Aircraft Platforms," at the 24th International Symposium on Remote Sensing of Environment, Rio de Janeiro, Brazil, May 31.

Michael Greenwood, Ruth Hutchins Prof. of Tree Physiology and dept. chair, attended the Twenty-first Southern Forest Tree Improvement Conference in Knoxville, June 17-20.

Stuart Marrs, assist. prof. of music, participated as solo recitalist, clinician, conductor and lecturer at the Fifth International Percussion Workshop in Bydgoszcz, Poland, June 30-July 14.

Martin Stokes, assoc. prof., **Charles Wallace**, assist. prof., **Gary Anderson**, assoc. Extension educator, **Robert Hough**, assist. Extension educator, **Kim Cassida**, and **Jichun Chen**, grad. students, all in animal, veterinary and aquatic sciences, attended the North-eastern Regional Meetings of the American Society of Animal Science and the American Dairy Science Assn., University of Maryland, College Park, July 21-23. Stokes presented two papers:

"Effects of a Molasses-based Silage Preservative on Fermentation and Nutritive Value of Haycrop Silage," co-authored by Chen; and "Effects of Two Commercial Enzyme Additives on the Preservation and Nutritive Value of Haycrop Silage," co-authored by **Mrinal Dhar**, grad. student. Wallace presented a paper: "Concentrations of Bovine Placental Lactogen in Dairy and Beef Cows Across Gestation," and Cassida presented: "Influence of Weed Density in Forage Brassica Pastures on Production Measures of Grazing Ewes," co-authored by **Barbara Barton**, Purina Mills, St. Louis, **Mary Wiedenhoft**, assist. prof. of agronomy, and Hough. Stokes also presented a poster: "Effect of Rate of Application of a Molasses-based Silage Preservative on Fermentation and Rumen Degradation of Haycrop Silage," co-authored by Dhar, Chen and **Linda Kersbergen**, scientific technician.

UNIVERSITY OF MAINE

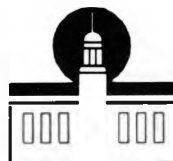
ANNOUNCING The University of Maine Fall Continuing Education Schedule

*"Cauliflower
is nothing but
cabbage
with a college
education."*

—Mark Twain



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UM Calendar

August 26-September 9

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

Maine Perspective Calendar
Public Affairs.

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

Deadline for each issue: 9 a.m. Friday

For more information, call x3745.

27 Tuesday

"Changes in Vegetation of the Heath, Saco, Maine, U.S.A. Since European Settlement of the Region," an oral exam by Timothy Kluge, candidate for master's degree in botany, 1:30 p.m., Aug. 27, 301 Deering Hall, with defense to follow in 118 Deering Hall.

28 Wednesday

"A Comparison of Brook Trout (*Salvelinus fontinalis*) and Atlantic Salmon (*Salmo salar*) Exposed to Low pH and Without Aluminum," an oral exam by Todd Smith, candidate for master's degree in zoology, 9 a.m., Aug. 28, Murray Hall.

29 Thursday

"Protoplast Regeneration and In Vitro Selection of Potentially Useful Clones of Potatoes, *Solanum tuberosum* L.," an oral exam by Yu Lan, candidate for Ph.D. in plant science, 9 a.m., Aug. 29, 118 Deering Hall.

30 Friday

Oral Exam by Christine Hughes, candidate for Spanish MAT, 10 a.m., Aug. 30, 207 Little Hall.

"Transport-Purification Model of the Lower Bay of Sebago Lake for the Prediction of Water Quality," an oral exam by George Monasky, candidate for master's degree in chemical engineering, 1 p.m., Aug. 30, 222 Jenness Hall.

3 Tuesday

Classes begin.

5 Thursday

The Future Is Now: Managing Organizational Change, a Management Programs Seminar by Dr. Patricia Williams, organization development consultant, 9 a.m.-4 p.m., Sept. 5, Yellow Private Dining Room, Hilltop Commons. Admission. x4092.

"The Idea of Creation," an Honors 201 Lecture by Burton Throckmorton, prof. of New Testament, Bangor Theological Seminary, 3:10-5 p.m., Sept. 5, 100 Neville Hall. x2777.

"Getting Started on the IBM 3090," a CAPS seminar by Eloise Kleban, 3:30-5:30 p.m., Sept. 5, 227 Neville Hall. x3518.

6 Friday

The Essence of Effective Management: How to Excel as a Manager, a Management Programs Seminar by Walter St. John, Ed.D., president, Management Communications Institute, 9 a.m.-4 p.m., Sept. 6, Yellow Private Dining Room, Hilltop Commons. Admission. x4092.

ONGOING EVENTS

Fall Orientation by New Student Programs, Aug. 31-Sept. 2. x1826.

What Managers Do, a Certificate in Management Course by Bill Rice, MBA, Comptroller, Mepsco Inc., Wednesdays, 6-9 p.m., Sept. 4-Oct. 2, 130 Barrows Hall. Admission. x4092.

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, tournaments, discussions, skittles and games. x3522 or 866-4589.

International Students Coffee Hour, every Friday, 4 p.m., Bangor Lounge. x1734.

Don't forget to send in your fall schedules of events and activities!



Sponsored Programs

U.S. Department of Education supports projects in training, research, and curriculum development in modern foreign languages and area studies conducted overseas by groups of teachers, students, and faculty. FY92 competitive priority: short-term seminars that improve foreign language and area studies at elementary and secondary schools. Projects focusing on Western Europe or Canada are ineligible. Deadline: Oct. 21.

U.S. Department of Energy's Pre-Freshman Enrichment Program funds projects to identify, motivate, and prepare for further science study and science-based careers sixth through tenth grade students from populations typically underrepresented in science. Projects must include at least four weeks of summer activity. Average award: \$40,000 for two years. Deadline: Oct. 30.

German Academic Exchange Service supports information visits for groups of students and faculty to increase knowledge of specific German subjects and/or institutions within the framework of an academic study tour. Deadline: Nov. 1.

Council for International Exchange of Scholars makes grants to support a foreign scholar's residence at an American university for the purpose of strengthening the international dimension of academic programs. Deadline: Nov. 1.

American-Scandinavian Foundation supports short-term scholarly or professional travel for study or research in all Scandinavian countries. Deadline: Nov. 1.

Population Council awards mid-career fellowships for advanced training in population studies (including demography and biostatistics), or for study plans in population in combination with a social science discipline. Deadline: Nov. 15.

For more information, call Sponsored Programs, x1476.



Publications

Michael Greenwood, Ruth Hutchins Prof. of Tree Physiology and dept. chair, and Judy Gates: "The Physical and Chemical Environment of the Developing

Embryo of *Pinus resinosa*," American J. of Bot., 78 (7) pp. 1002-1009.

Kyriacos Markides, prof. of sociology, book review of Social Change and Urbanization in Cyprus: A Study of Nicosia, by Michael Attalides (Nicosia: Cyprus Social Research Centre, 1981) in The Cyprus Review, 3 (Spring 1991) pp. 117-119.



Directory Changes

x4381 **Department of Oceanography**, 218 Winthrop Libby Hall. Fax number, 581-4388.

Career Center, Third Floor, Chadbourne Hall.



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

What's Ahead

Fall Orientation
Aug. 31-Sept. 2

"Rape and Sexual Assault Among Students: Creating Awareness, Reducing the Risks," a Conference for High Schools and Colleges
Sept. 16

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