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10-29-1974

Bulletin - Vol. 09, No. 09 - October 29, 1974

University of Massachusetts Boston

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Recommended Citation

University of Massachusetts Boston, "Bulletin - Vol. 09, No. 09 - October 29, 1974" (1974). 1971-1977, UMass Boston Bulletin. 176.

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University of Massachusetts at Boston Uluge Lange Lan

Volume 9, No. 9

October 29, 1974

Heating Studies

Weather woes and winter's winds make one think of fuel bills, especially with the add-on fuel adjustment costs.

Professor Harold Mahon (Physics) and senior physics major Delia DuLong have studied this problem more systematically and scientifically than most of us.

At the recent meeting of the Northeast Section of the American Physical Society they presented a paper on The Practicability of Solar Energy for Water Heating in Boston.

Using data on net collected energy from the experiment in solar energy at the Grover Cleveland School in Dorchester for part of April, 1974, and Weather Bureau Statistics for the period, as well as other information, Mahon and DuLong said solar energy costs would be high.

In the use of a thermosyphon system, using three collectors, averaged over a 15-year lifetime of the system, the cost would be \$8.00/106 BTU. In the forced circulation system, using eight collectors, the 15-year average cost would be \$9.23/106 BTU.

They concluded that "The cost of heating water with solar energy may be compared with the use of electrical energy at \$9.40/10° BTU. Oil at the current price of 40¢/gal. or \$4.00/10° BTU net, represents, however, such a significantly lower cost for heat, that the above costs for getting started with solar water heating may not be attractive to many people. Solar water heating in Boston will become advantageous as the relative cost of fossil fuel increases and as the economics of mass production reduce the costs of solar water heating systems."

This was a six week research project by Ms. DuLong under Professor Mahon's supervision. She is also taking a graduate course in physics at MIT and is doing work at the Air Force Cambridge Research Laboratory.

Dr. Bruce Bank (History II) served as a consultant for the upcoming five part series on WGBH-TV on The Life of Leonardo da Vinci, whose genius bursts forth again through the discovery of two long-lost notebooks. The painter of "Mona Lisa," and "The Last Supper" and an inventor centuries ahead of his time is the subject of an award-winning series that begins on November 20th and continues on November 27, December 4, 11, and 18.

Dr. Bank assisted in the historical research of this enigmatic figure whose life was one of contrasts and contradictions—and genius.

Leonardo da Vinci

Busy College I Psychologists

Dr. Paul Costa was recently elected Chairman of the Board of Professional Affairs of the Massachusetts Psychological Association. The focus of BPA's activities for the coming year under Dr. Costa's leadership will be on professional standards and delivery of psychological services to school systems with special attention to the role psychologists will play in the implementation of the Special Education Law, Chapter 766. Also, Dr. Costa has been appointed to represent the MPA on a Blue Ribbon Commission on the future of Gardner State Hospital created by Dr. William Goldman, Commissioner, Department of Mental Health, Commonwealth of Massachusetts.

Dr. Robert Kastenbaum was the keynote speaker at a conference on Human Development and Aging held October 21 at Eastern Montana University in Billings, Montana.

On October 28, Professor Kastenbaum answered the question "Do We Die in Stages?" that he posed at the Fall meeting of the MPA in Auburn, Mass.

Dr. Robert Kastenbaum and Dr. Brian Mishara will participate at a Round Table session on the "Use and Abuse of Alcoholic Beverage with the Elderly" Tuesday, October 29 at the 27th Annual Scientific Meeting of the Gerontological Society in Portland, Oregon. Dr. Paul Costa will deliver a paper on the "Effect of Age and Smoking Inhalation on Pulmonary Function" at the Clinical Medicine Symposium on Physiological and Epidemiological Factors in Aging Man today at the same meeting.

Dr. Don Mixon was recently a panel discussant for the symposium: "New Approaches to Role Playing as a Research Methodology" held at the American Psychological Association meetings in New Orleans, Louisiana.

Chairman of the department, Dr. Steven Schwartz recently presented a paper entitled 'Representation and Problem Solving" at the Bell Research Laboratories, Murray Hill, New Jersey.

Dr. Claire Golomb was the colloquium speaker at the Boston University Development Program on October 18. Her book Young Children's Sculpture and Drawing: A Study in Representational Development was published by Harvard University Press.

Dr. Brian Mishara presented a paper at a workshop at Bangor Mental Health Institute on "Institutional Care of the Elderly."

The Eighth Annual History Forum, sponsored by Duquesne University in Pittsburgh, will be held from October 30 - November 1. Among those historians scheduled to participate in the panel discussions will be Professor Lester A. Segal on 'Perspectives on History in the Enlightenment."

The Forum has 42 different sessions for over 1300 people this year. More than 300 professional historians from across the nation will address and attend the meetings.

Leading Prisoner rights attorney, Max D. Stern, will speak on "The Prisoner As Worker," on Tuesday, November 5 in room 44, College I at 5:30 p.m. Students, Faculty and Staff are invited.

distory Forum

Prisoner Rights Speaker

Corrections

College II Appointments

Examiner

Tubbs Elected

January 1975 Five College Charter to Europe

Attention Birders

Huggler Concert for Alfred Ferguson Memorial

Atomic Energy Speaker

On Thursday, November 14 at 5:30 p.m., Attorney Michael B. Keating, Counsel to convicts in a number of important cases in Boston Federal District Court, will speak on "The Burger Court and Prisoner Rights," in room 44, College I (1st floor).

Joanne Yphantis has been promoted from the Advising Staff to Acting Assistant Dean of Students for College II. She received her B. A. in Psychology from UMass-Boston in 1971. She has pursued graduate work at Boston University and is currently completing a Master's program in counseling at Northeastern University. She will be serving during this academic year while a search is being conducted for a permanent Dean of Students.

Judith Emme has been appointed Administrative Assistant to Dean Robert Steamer. She is a graduate of the University of Michigan and has been employed in personnel and budgeting for the past six years in a major Boston concern. She was one of the top three people in a management team which was responsible for all personnel functions including hiring, training, counseling, employee relations, and salary evaluations for 300 employees. She was also responsible for planning and maintaining budgets for 15 departments.

Clyde Evans of the Philosophy Department, College I, has been selected to serve a two-year term as member of Graduate Records Examination Committee of Examiners for the Advanced Philosophy Test.

Vice Chancellor LeVester Tubbs was a speaker at the National Association for Student Personnel Administrators Region I Conference in Hyannis recently. His talk was entitled "Minority Images of the Future."

He also was elected to the Executive Board of NASPA for Region I.

A Five College Charter flight will be offered: Boston-London January 3, Paris-Boston January 23. TWA 707. Price for round trip \$240. Deadline for full payment November 1. UMass. faculty, students, staff and immediate families eligible. Early signup is urged. Contact International Programs Office, 239 Whitmore, University of Massachusetts-Amherst, tel. (413)-545-2710.

The list of birds seen on or from Columbia Point since the Campus opened last January amounts to a meager 28 species. Any bird-watchers who would like to contribute to such a list and/or to assist with surveys of breeding birds in nearby areas next Spring are urged to speak to Professor Jeremy Hatch in Biology I.

On Wednesday, October 30 at 8:30 p.m. the Cambridge Brass Quintet will perform works by John Huggler in the Auditorium of College I. The concert will be dedicated to the memory of Alfred R. Ferguson, Professor of English.

Dr. Norman C. Rasmussen, professor of nuclear engineering at M.I.T. will speak on Tuesday, November 5, at Professor Harold Mahon's class on Energy. The meeting will be at 9:30 (Continued to page 4)

Atomic Energy Speaker (Continued from Page 3)

Bus Shuttle Schedule

a.m.in the Science Auditorium. Dr. Rasmussen is the author of a recent \$3-million Atomic Energy Commission study on nuclear reactor safety.

He will speak on "Safety Issues in Nuclear Energy." This controversial subject with a controversial speaker should make this session an educational experience. All are invited. There will be a question and answer period following Dr. Rasmussen's formal presentation.

The Shuttle Bus Service is operating on the following schedule after 6:40 p.m. on regular class days until further notice:

Lv. UMass-Boston		Lv. Colu	Lv. Columbia Station	
PM	6:42 6:48 6:54 7:00 7:06	PM	6:48 6:54 7:00 7:06 7:12	
	7:18 7:30 7:42 7:54		7:24 7:36 7:48 8:00	
	8:06 8:18 8:30 8:54*		8:12 8:24 8:36 9:02*	
	9:09* 9:24* 9:39* 9:54*		9:02* 9:17* 9:32* 9:47* 10:02*	
	10:09* 10:35*		10:17*	

^{*}Trip operates to MAIN ENTRANCE of Columbia Sta. on Columbia Road

The UMass-Boston community of students, faculty and staff responded generously to the recent appeal for funds for Relief in Honduras for the people stricken by Hurricane Fifi. Contributions were \$758. This has been forwarded to Honduras through the Red Cross. The Student Activities Committee, in response to appeals made on campus, also donated \$500.

The Puerto Rican Student Union, which coordinated the campus appeal, and Amilcar Flores(Spanish I), who is a Honduran with relatives in the stricken area, are most grateful and wish to give warm thanks for campus concern for the disaster victims.

Beginning with the Spring Semester '75 there will be a slight laboratory fee charged for computer facility usage. The amount will be determined shortly and will be handled during registration procedures. For further information call Ext. 2385.

A Warm Thank You

Computer Facilities