

UNIVERSITY OF MASSACHUSETTS
AMHERST

MEMORANDUM

FROM Al Wynne DATE Nov. 12, 1986
TO Chemistry Faculty, Friends, and Benefactors
SUBJECT Newsletter

This newsletter is a small attempt to strengthen (or, perhaps, establish) lines of communication between us and our undergraduate students. It will be published irregularly - when there is adequate information to disseminate. If you have anything to include in future issues or any requests for things to be included, let me know. Obviously, publication of such items will require adequate lead time. Submitting on Tuesday an announcement to be made by Thursday just won't work, for example.

The Pathway

Volume 1; Number 1

November 12, 1986

WHAT, YOU SAY, IS "THE PATHWAY"?

"The Pathway" is a newsletter for the community of undergraduate Chemistry majors at the University of Massachusetts at Amherst. It will be published under the auspices of the Chemistry Department Undergraduate Studies Committee (USC). At present, its frequency of publication can be described only as irregular.

WHAT COULD POSSIBLY BE THE PURPOSE OF THE "PATHWAY"?

This newsletter is intended to make life more pleasant and, especially, more productive for undergraduate Chemistry majors at UMass/Amherst. This first issue is not expected to win accolades. Future issues are expected to contain an absolute wealth of information, such as (1) notes about courses not found in the University Catalogue, (2) developments in the undergraduate Chemistry program, both effective and anticipated, (3) news of undergraduate awards and scholarships, as well as of the students who win them, (4) career opportunities.

WHERE IN THE WORLD DID THE NAME "PATHWAY" COME FROM?

The name "Pathway" has been generously donated by your anonymous editor. His intent was to provide a name with some Chemistry significance which suggests an attempt to help every undergraduate Chemistry major proceed in the direction appropriate for him/her. Can you think of a better name? Why not try? The UMass/Amherst undergraduate Chemistry major who contributes a name selected by the editorial staff (ie, the USC) and a guest of his/her choice will become the guests of the Chemistry Department for lunch at Top of the Campus. Submit your idea for a name to any one of Profs. Hixson, McWhorter, Reed, Rhodes, Wood, or Wynne.

PRE-REGISTRATION - FALL, 1986

The fall pre-registration period starts on Wednesday, November 12. Remember that the pre-registration forms for Chemistry majors are not valid unless signed by an advisor. Some dates to note are:

Wednesday, November 19 This is the last day for you to contact one of your class advisors. The pre-registration forms of students who have not made such contact will be returned to the Registrar's Office on this date.

Monday, November 24, 11:00 AM The Chemistry Department will return pre-registration forms completed and signed by this time for any Chemistry major who so wishes. After this time, the return will be the student's responsibility.

Monday, November 24, 5:00 PM The deadline for returning pre-registration forms to the Registrar's Office without the payment of a \$5.00 late registration fee.

Monday, December 1 The last date to pre-register, even with the payment of the late registration fee.

REMEMBER THAT THE OFFICIAL COUNSELLING PERIOD IS FROM WEDNESDAY, NOVEMBER 13, TO WEDNESDAY, NOVEMBER 20. You should plan to attend to your pre-registration in that period.

In case you are not aware of who your class advisors are, their names and office numbers are given below.

Freshman Level (Class of '90*) Profs. Rhodes (LGRT 1436) and Wynne (GSMN 244)**

Sophomore Level (Class of '89*) Profs. Bernasconi (GSMN 149F), Day (LGRT 512), and Zajicek (LGRT 403E)

Junior Level (Class of '88*) Profs. Barnes (GSMN 149E), Hixson (LGRT 1417), McWhorter (LGRT 1434), and Stengle (GSMN 165)

**Senior Level (Class of '87*) Profs. Cade (GSMN 167), George (LGRT 1115Q), and Reed (GSMN 149B)

* Don't forget that assignment for advising purposes is based on your progress through the Chemistry program and may be different from your current "official" year of graduation.

** Note that Prof. Wynne has been moved from the class of '87 to the class of '90, due, no doubt, to his slow progress through the Chemistry curriculum.

*** CAREER OPPORTUNITIES ***

This portion of "The Pathway" is not intended as a substitute for either the Career Center (once known as the Placement Office) or the Co-op Office. It will attempt to publicize opportunities of special interest and those which might escape the attention of the Career Center. Juniors and Seniors should pay careful attention to the schedule of Career Center interviews published periodically in "The Collegian".

Questions about any of the opportunities listed in this newsletter may be addressed to Prof. Wynne (GSMN 244; 545-2585).

GENERAL ELECTRIC CO-OPERATIVE POSITIONS

General Electric Plastics, Pittsfield, MA, will be at the Career Center on Thursday, November 13, to recruit Chemistry students and others for six month co-operative positions. This notice is late but you may still have a chance to investigate this opportunity. For additional information or to make an appointment, call the Career Office at 545-2224. The Chemistry Department has never developed an organized co-operative program. If any undergraduate major(s) is(are) interested, this could be the start.

AT&T BELL LABORATORIES

AT&T Bell Laboratories seeks a Bachelor's level chemist for the position of Senior Technical Associate. The work involves research in organic complexation and electron donor-acceptor phenomena, emphasizing applications to electronic and optical materials. Resumes may be submitted to Dr. H. E. Katz; AT&T Bell Laboratories; 600 Mountain Ave.; Murray Hill, NJ 07974-2070.

NATIONAL BUREAU OF STANDARDS

The National Bureau of Standards seeks a June, 1987, Bachelor's level chemist to work in a mass spectrometry group. Experience in mass spectrometry is not required; a graduate with a strong general background is sought. Inquiries by telephone (301-975-4134) or in writing may be directed to Dr. John R. Moody; Center for Analytical Chemistry; United States Department of Commerce; National Bureau of Standards; Gaithersburg, MD 20899. Should you submit a resume for this position and if you have taken Instrumental Analysis, CHEM 513, cite the general areas covered by CHEM 513 experiments. Be sure to include the mass spectrometry experiment. Nobody will expect you to be an expert in the field but your exposure to the technique will be noted.

MATH ENGLISH SCIENCE TECHNOLOGY EDUCATION PROJECT (MESTEP)

MESTEP is a fifteen month program involving public school systems and major corporations. It allows college graduates to start their salaried careers in a master's program which includes teaching in secondary schools and working in the private sector. The details of this attractive program are too extensive to summarize here. For additional information, contact either Richard J. Clark or John Fischetti (545-1574); School of Education; Furcolo Hall; University of Massachusetts at Amherst.

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CONFERENCE ON THE FUTURE OF CHEMISTRY

A conference on the future of chemistry was held at UMass/Amherst on Saturday, October 25. The discussions were led by five invited guests: Drs. Russell Drago of the University of Florida Chemistry Department, Arthur Findeis of the National Science Foundation, Alan McClelland of duPont, Lawrence McKenna of Monsanto, and Kenneth Wynne of the Office of Naval Research. Dr. Drago received his B.S. from UMass; Drs. McKenna and Wynne are Ph.D. graduates of UMass. The future of the undergraduate program won a great deal of attention, which will likely spark the consideration of some fairly substantial changes. A follow-up meeting of the Chemistry faculty is scheduled for Wednesday, November 12.