

The Pathway

A NEWSLETTER FOR UNDERGRADUATE CHEMISTRY MAJORS
AT THE UNIVERSITY OF MASSACHUSETTS AT AMHERST

Volume 3; Number 2

February 14, 1989

UNDERGRADUATE STUDENT MAIL BOXES REASSIGNED

Mail boxes for undergraduate chemistry majors' intradepartment communications have been reassigned. The mail slots are located in Goessmann Laboratory opposite room 154. Assignments are by class, based not on the University designated graduation year but by the Department's perception of the students status in the undergraduate chemistry program. Any undergraduate chemistry major who does not have a mail box should report the fact to Prof. Wynne - GSMN 244. A student who believes that he/she has been assigned to the wrong class should report that to Prof. Wynne. The latter is important because many notices of opportunities of interest have been and will be distributed via the mail boxes but only to the classes to which they are expected to be of interest. Assignments have been made to 33 seniors, 17 juniors, 10 sophomores, 29 frosh, and 6 exchange students. The senior mail box assignments do not include Don Donovan and Jerome Shiels, who are away practice teaching, and Jim Mouser, who has completed his course work and is now with Western Massachusetts Electric Co. in West Springfield.

It should be noted that the student's name appears at the TOP of his/her mail box.

UNDERGRADUATE STUDENT BULLETIN BOARD

Undergraduate students are strongly encouraged to check the undergraduate student bulletin board frequently. Efforts are made to keep the contents of this bulletin board informative and current. Posted are many nuggets of information, including permanent and summer jobs, research opportunities, meetings of special interest, graduate school announcements, cooperative and work study positions, internships, and course advisories.

The bulletin board is located in Goessmann Laboratory opposite rooms 146 and 147, around the corner from the undergraduate student mail boxes.

CUSA NOTES

The semester's first meeting of CUSA, the Chemistry Undergraduate Student Association, was held on Thursday, February 7. Ms. Joanne Beck of the Office of Cooperative Education discussed co-op positions. A meeting featuring the preparation of resumes is planned for later in the semester.

Several chemistry shirts remain unsold. Anyone interested in acquiring one of these gems for a paltry \$6.00 should contact Prof. Voigtman - Goessmann 133.

POST-COMMENCEMENT RECEPTION PLANNED

The Chemistry Department will sponsor its fourth annual reception for its graduating seniors and their Commencement guests. The reception will be held in the Lederle Graduate Research Center immediately following Commencement on Sunday, May 28, and will be attended by many faculty members. A complimentary buffet luncheon will be featured.

Graduating seniors who wish to participate in the reception are asked to so advise Prof. Wynne - Goessmann 244 - as soon as possible. Invitations to all known guests will be issued by the Department.

HUNSBERGER PRIZE TO BE AWARDED AT COMMENCEMENT

The Hunsberger Prize in Chemistry, a one time only cash gift, will be awarded to the top Chemistry senior as part of the May 28 Commencement ceremonies. The prize is supported by gifts made in memory of the late Prof. I. Moyer Hunsberger. Prof. Hunsberger was the Chemistry Department Head in 1960-61 and, then, the Dean of the College of Arts and Sciences during the explosive growth period of Umass. His tenure as Dean was prior to the division of the College of Arts and Sciences into three Faculties.

The Hunsberger Prize will be presented in addition to the four traditional chemistry senior awards: the Award of the Connecticut Valley Section of the American Chemical Society, the American Institute of Chemists Award, the Fessenden Award, and the Merck Award. These four awards, along with the Freshman Chemistry Awards, will be presented in the Chemistry Department sometime before Commencement.

UNDERGRADUATE RESEARCH SYMPOSIUM ANNOUNCED

The Tenth Annual Undergraduate Research Symposium, sponsored by the Connecticut Valley Section of the American Chemical Society and its student affiliates, will be held on Saturday, April 29, at Williams College in Williamstown, Mass. The symposium provides an opportunity for undergraduate chemistry majors to present an account of their research.

Students engaged in research are encouraged to present a paper in this traditionally congenial atmosphere. It is not necessary that the research be completed; generally, 85 - 90 % of the papers presented are based on ongoing work. In many cases, the authors talk much more about what is still to be done than about what has been done.

Undergraduate students of all classes, whether doing research or not, are most welcome at this symposium. Students who wish to participate or who wish to attend without presenting a paper are asked to inform Prof. Wynne by no later than March 1.

UConn TO HOST UNDERGRADUATE CHEMISTRY PROGRAM

The University of Connecticut at Storrs will sponsor an Undergraduate Analytical Chemistry Day on Friday, April 7. The program, which will run from 9:30 AM to 5:00 PM, is associated with the Randolph T. Major Lecture Series. In the morning, it will offer tours, with opportunities for discussions with faculty and graduate students. Following a complimentary lunch, lectures in analytical spectroscopy will be presented by Frank V. Bright of SUNY Buffalo, J. Michael Ramsey of Oak Ridge National Laboratory, and Gary M. Hieftje of Indiana University. The afternoon will also feature an undergraduate student poster session. Posters may be on research in any area of chemistry, not just analytical, and cash prizes will be awarded to the student authors of the three best posters.

Undergraduate students who wish to participate or to simply attend are asked to indicate their interests to Prof. Wynne as soon as possible and no later than March 27.

PLACEMENT SERVICE TO SPONSOR CAREER FAIR

The University Placement Service will sponsor its second campus wide Career Fair from 10:00 AM to 3:00 PM on Wednesday, February 15. Representatives of more than 55 companies and government agencies will be on hand to discuss current and future employment opportunities. Additional details, including a list of representatives, are posted on the undergraduate student bulletin board.

COOPERATIVE PROGRAM JOB FAIR PLANNED

The Office of Cooperative Education will sponsor a Job Fair in the lower level of the Campus Center on Thursday, February 23. The Job Fair will feature employer booths, Co-op orientation, and workshops on resume writing, interview skills, and occupational exploration.

EH&S SEEKS STUDENT PROJECT COORDINATOR

Environmental Health & Safety at UMass seeks an undergraduate student to serve as Project Coordinator for a pilot hazardous waste collection center. The position will require about 10 hours of work per week for approximately 42 weeks. The starting salary will be \$7.50 per hour.

The student Project Coordinator must have completed at least two years of chemistry course work. Since the project will continue into the next academic year, a junior is preferred. Additional details are posted on the undergraduate student bulletin board.

Interested students should contact Mr. James Fox, EH&S, 545-2682

DISCOUNT OFFERED ON CRC STUDENT HANDBOOK

CRC Press is offering a \$3.00 discount on the purchase of the First Student Edition of the Handbook of Chemistry and Physics. To obtain the discount, a coupon, which may either be used at a bookstore or submitted directly to CRC Press, may be obtained from Prof. Wynne - GSMN 244. The current list price of the Student Edition is \$32.95 without coupon. The 1800 page paper back Student Edition is clearly an abridgement of the 2400 page hard cover complete handbook, the price of which is \$74.95.

CRC Press has indicated that it will no longer sell past editions of the Handbook of Chemistry and Physics at reduced prices.

*** SUMMER RESEARCH OPPORTUNITIES ***

NOTE: Additional details of the research opportunities summarized here as well as of other research programs are posted on the undergraduate student bulletin board.

SUMMER RESEARCH AT BROWN UNIVERSITY

Brown University will offer a ten week summer research program for undergraduate students who are considering a career in chemistry. The program will run from June 5 to August 11. Stipends of unspecified amounts and housing in Brown University dormitories will be available. All application materials must be submitted by March 10.

SUMMER RESEARCH AT HOLY CROSS COLLEGE

The Chemistry Department of Holy Cross College will sponsor a 10 week summer research program featuring a variety of research projects. The tentative scheduled starting date is June 3, 1989. Chemistry majors between their junior and senior years and who are seriously considering careers in science will be given preference.

The stipend is \$2,000 for ten weeks and will include housing where appropriate. Application materials are available from Prof. Wynne. Completed applications must be sent to Holy Cross College by March 31.

SUMMER RESEARCH IN SOLID STATE CHEMISTRY

A 10 week summer research program in solid state chemistry for both undergraduate students and faculty members will be sponsored in 1989 by the National Science Foundation. The program will run from June 4 to August 11. Undergraduate student participants are expected to be full-time chemistry majors between their junior and senior years, although very well qualified chemistry majors between their sophomore and junior years will be considered.

For undergraduate students, the program will start at Northwestern University in Chicago with tutorial sessions, which will include visits to nearby laboratories. Then, the participants will travel individually to one of a number of participating university or industrial laboratories for nine weeks of active research. The undergraduate student stipend will be \$2,500 for 10 weeks and all necessary travel expenses will be reimbursed.

Application forms, for both undergraduate students and faculty members, may be obtained from Prof. Wynne. All application materials must be submitted to the program director by March 15, 1989.

GEOLOGIC SCIENCES SUMMER INTERNSHIPS AT COLUMBIA UNIVERSITY

Chemistry and other students between their junior and senior years are invited to apply for a 10 week summer internship in Geologic Sciences. The program will run from June 6 to August 10. Applicants should have an interest in conducting research in the earth and planetary sciences, but no previous exposure to the geologic sciences is required. The summer intern may choose between a \$2,000 cash award or a \$1,500 cash award plus free housing.

The application deadline is March 1, 1989. There is no application form. Directions for applying are posted on the undergraduate student bulletin board.