

The Pathway

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LOUIS D. QUIN BECOMES CHEMISTRY DEPARTMENT HEAD

On September 1, 1986, Prof. Louis D. Quin officially assumed the Headship of the Chemistry Department. For the previous five years, Prof. Robert L. Rowell served as Acting Department Head.

Born in Charleston, SC, Prof. Quin received the B.S. degree in Chemistry at the Citadel (the Military College of South Carolina; Charleston) in 1947. His graduate degrees, M.A. in 1949 and Ph.D. in 1952, were received from the University of North Carolina; Chapel Hill.

Prof. Quin was employed by American Cyanamid in Stamford, CT, in 1949-50 and by FMC Corporation in Charleston, WV, in 1952-54. (The reason for his orientation towards Charleston, regardless of its state, is not known at this time). In 1954-56 he served as a First Lieutenant in the U.S. Army Chemical Corp.

In 1954 Prof. Quin joined the Chemistry faculty of Duke University; Durham, NC, where he served as Director of Graduate Studies, 1965-70, became Professor in 1967 and Department Chairman, 1970-76. In 1981 he was given a James B. Duke Chair in Chemistry.

Prof. Quin's current research interests are primarily in phosphorus and sulfur chemistry. He has published about 150 research papers, mostly on synthesis, stereochemistry, and multinuclear NMR, and will soon have a fourth book to his credit. He has served on international scientific boards and has been very active in the American Chemical Society.

MAIL BOX ALERT

No, this is not a warning that you are about to be attacked by mail boxes nor is it a warning to mail boxes to watch out for aliens. The intent of this item is to give you advance notice that the undergraduate Chemistry major mail boxes will be in use again soon, probably within a week. The mail boxes are located in Goessmann Laboratory opposite Room 154. You should plan to check the mail box assigned to you and to do so frequently. It will contain late breaking news items of interest, including information about career opportunities. Future editions of THE PATHWAY will be distributed via the mail boxes.

*** CAREER OPPORTUNITIES ***

COOPERATIVE (CO-OP) OPPORTUNITIES

EDITOR'S NOTE: Much of this section is taken from a recent notice published by the Co-op Office. The comments are contributed by your anonymous editor.

The following co-op opportunities exist for undergraduate Chemistry majors:

- NESTLE'S - new product development and testing
- CAMBRIDGE ANALYTICAL ASSOCIATES - an environmental analysis and consulting firm in Boston
- GENERAL FOODS - new product development and testing
- AMERICAN CYANAMID - organic or polymer chemistry laboratory assistants
- GENERAL ELECTRIC PLASTICS - failure analysis, industrial programs, secondary operations and applications testing, marketing
- IBM - development of dry plasma analysis of resin systems and other projects
- ORION RESEARCH - lab technician to assist in the development of a state of the art titration apparatus
- USDA - Agricultural Research Services
- U.S. ARMY MATERIALS TECHNOLOGY LAB - organic materials laboratory assistant
- WATERS MILLIPORE - assistant in the research and development division
- WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH - laboratory assistant for research in oncology, chromosomes, and DNA
- BOSTON MUSEUM OF SCIENCE - teaching and leading information sessions for the various exhibits

Every one of these positions falls in the domain of chemistry. It may be that co-operative education is not suitable for you. Missing one semester of the junior year complicates the completion of physical chemistry, for example. However, you should at least consider the advantages of co-op education, which include:

- (1) gaining experience with top employers in their respective fields
- (2) the opportunity to clarify your academic and career goals
- (3) the chances for permanent job offers
- (4) the possibility of earning \$3,000 to \$4,500 for one semester

You are encouraged to register at the Career Center Co-op Office by contacting Kathryn Moody or Maria Scudere (545-2224). Registering does not require a commitment on your part and, who knows, maybe your dream opportunity will become available.

If you are interested in any of the co-op positions listed, move fast. Many of the deadlines are before Thanksgiving.

POLYMER CHEMISTRY SUMMER RESEARCH

The Division of Polymer Chemistry of the American Chemical Society offers summer research fellowships which include a \$2,000 stipend. The student applicant must make arrangements with a professor for a research project before submitting an application. The professor and the location of the position need not be at UMass. The deadline is January 31, 1987, but, if you are interested, it is not too soon to start making arrangements.

Further details may be obtained from Prof. T. R. Stengle - GSMN 165 - or by inspecting the notice posted outside his office.

BACK ISSUES OF "THE PATHWAY"

The distribution system for THE PATHWAY has, to date, not been completely effective. If any undergraduate Chemistry major has been overlooked and wishes to pick up a back (or current) issue, he/she may obtain one from Ms. Judy Imperatore - GSMN 149 - as long as supplies last.

CIA PERSONNEL SOUGHT

The Chemistry Department is recruiting agents for its Chemistry Information Association (CIA). If you have information of interest to share with the undergraduate community, please pass it on to any member of the Undergraduate Studies Committee, Prof. Hixson, McWhorter, Reed, Rhodes, Wood, or Wynne. Letters to the anonymous editor will be welcomed. However, the same anonymous editor insists on the right to edit and/or reject such items, as befits his/her taste.