

# THE GOESSMANN GAZETTE

A publication of the Chemistry Department, University of Massachusetts at Amherst

Spring 1989



Professor Quin,  
Professor Tyson,  
Emeritus Professor Siggia

*Dr. Julian Tyson*, presently Senior Lecturer in Analytical Chemistry at the University of Loughborough in the United Kingdom will join the UMass Chemistry faculty as Professor of Analytical Chemistry in September 1989.

Dr. Tyson brings active new research and teaching interests to the Department, particularly in the areas of Flow Injection Analysis (FIA), a field of much current interest, and trace analytical methods.



Beatrice Botch

*Beatrice Botch* (Ph.D. Michigan State University, 1981) joined the Department as Director of the Resource Center. She is also teaching in the Freshman Program. Her background includes a Post-doctoral Fellowship at the California Institute of Technology, Assistant Professorships at Southwest State University, Marshall, Minnesota and at Wittenberg University, Springfield, Ohio. She brings a rich background of experience to contribute to our program including teaching general chemistry, physical chemistry, nursing chemistry, consumer chemistry, and experience with both main frame and microcomputers. The Center is currently prospering under her leadership.

See page 3 for more about the Chemistry Resource Center

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## Department Notes

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### A Graduate Curriculum in Biological Chemistry is Created

The Department of Chemistry decided in October 1986 to undertake a serious effort to strengthen research and teaching in biological chemistry ("Future of Chemistry Conference," Spring '87 *Goessmann Gazette*). With the addition of two new faculty members in biological chemistry, and with the creation of a graduate curriculum in biological chemistry, this new venture is now well on its way. The new curriculum will emphasize the chemistry of biological molecules and processes, and will help bridge a growing gap between traditional chemical and biological science programs. Questions raised in the biological sciences now often require a detailed understanding of the molecular basis of the observations. Since biology abounds in complex molecules and chemical reactions and processes, it is essential to have training based strongly in chemistry to be able to use the necessary research tools to tackle these complex problems.

The most recent member of the Department in the biological area is **Dr. Craig Martin** (see New Faculty). Dr. Martin has filled the second of three new positions slated since the inception of the program in 1986. Biological chemistry is however not new to the UM Chemistry Department. Dr. Martin joins a growing group of faculty whose research interests blend biological chemistry with other areas of chemistry including **Drs. John Brandts, Louis Carpino, David Curran, Stephen Hixson, Michael Maroney and Robert Weis.** □

The Department **seminar schedule this spring** includes two Nobel Laureates: Professor Roald Hoffmann of Cornell University and Professor Herbert Brown of Purdue University. □

The Department **NR-80 FT-NMR Facility** opened for general use in September 1988. The two-instrument facility has been functioning well under the coordinator, Professor Paul Lahti, with the able assistance of graduate students Charles Smith and David Modarelli. □

**Room 202** in the Lederle Graduate Research Tower A has been extensively renovated and is now a very nicely appointed conference room for the Department. □

## Staff Notes

**Ms. Ann Marie Sidur** was hired on March 5, 1989 as the new Office Manager to oversee the Main Chemistry Office and the secretarial staff. □

**Asaph Murfin** joined Dan Keedy and Mike Conboy in the Electronics Shop in October, 1988. □

**Ms. Mathilda Boulanger** retired in November 1988. She was a senior Staff Technician for many years, associated with the Freshman Chemistry Program, and the chemistry majors program in particular. □

