

# THE GOESSMANN GAZETTE

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## PETER C. UDEN RECEIVES TWO MAJOR AWARDS IN ANALYTICAL CHEMISTRY

Professor Peter C. Uden, was presented with the prestigious *Benedetti-Pichler Memorial Award* by the American Microchemical Society during a symposium in his honor at the annual meeting of the Eastern Analytical Symposium in Somerset, New Jersey, November 15-18, 1993. This award is given annually and was established in 1966 to recognize outstanding achievements in microanalytical chemistry.

Professor Uden also received the *Analytical Reactions and Analytical Reagents Award* from the Royal Society of Chemistry (RSC). The award was presented at a meeting at the RSC Headquarters in London in June of this year. The award, sponsored by Merck Ltd., is one of two awards given by the RSC in the area of analytical chemistry and consists of a silver medal and a prize of £500.

Professor Uden is a graduate of the University of Bristol where he received his B.Sc. and Ph.D. It was there that he began his studies of gas chromatography under Frederick Pollard, one of the pioneers of the new technique. From 1964 to 1966, he held a postdoctoral position at the University of Illinois. Prof. Uden taught at the University of Birmingham from 1966 to 1970, before joining the faculty at UMass.

Professor Uden's research interests lie in various areas of separation science. Most of the work in his research



Professor Peter C. Uden

group is in gas chromatography (GC) and includes work with mass spectrometric, infrared and atomic emission detection. Application of the GC-atomic

emission detector has been the focus of metal speciation research in recent years. Work in this area was begun in the 1970's by former graduate student Bruce Quimby, now with Hewlett Packard Corp.

Other research in his group includes supercritical fluid extraction and supercritical fluid chromatography, high-performance liquid chromatography (HPLC), development of novel liquid chromatographic stationary phases and, more recently, capillary zone electrophoresis. In recent years his graduate students have worked on environmental problems such as chlorination byproducts of waste water treatment, soil pesticides and mercury speciation in fish, and clinical problems such as drug interactions in newborn infants. He has published over 175 research articles and several book chapters. ☞

Professor Uden served as the Chairman of the IUPAC Commission on Chromatography and Analytical Separations from 1989-1993 and as the Chairman of the ACS Sub-division of Separations and Chromatography from 1992-94. Prof. Uden visited and gave short courses at the Central University of Venezuela and the Venezuelan National Oil Company Research Center in June, 1992. He also was an invited lecturer at the Royal Society of Chemistry Annual Meeting in April, 1993 and at the 1993 International Symposium on Capillary Chromatography in May, 1993. In addition to the awards described above, Prof. Uden received a Visiting Fellowship from the Japan Society for the Promotion of Science in June, 1993 and the Chernyaev Medal of the Kurnakov Institute of General and Inorganic Chemistry of the Russian Academy of Sciences. For the visiting fellowship, Prof. Uden spent three weeks in Japan, lecturing at various universities and industrial companies.

