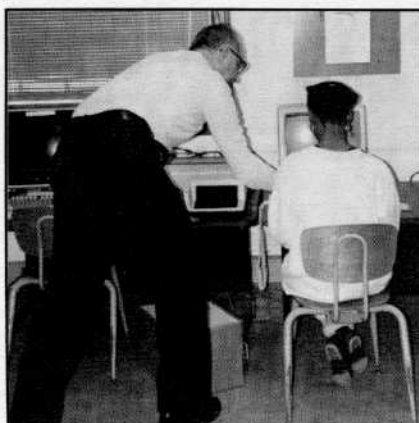


Professor Ragle received a Research Corporation 'Research Opportunities Award,' matched by University funds, which has been used to purchase a superconducting magnet and variable temperature cryostat for the field-cycled solids NMR work of his group. The magnet provides a 5 Tesla field, and is specially designed to provide a zero-field region 12 inches up the axis of the magnet bore from the high-field region. The cryostat provides controlled temperatures in the range 2 K to 300 K over the entire volume of the experimental working space. This magnet/cryostat system will be used with present pulsed NMR apparatus in his laboratory to study species on catalyst support surfaces. Professor Ragle was also a participant in a successful group proposal to the National Science Foundation to upgrade the Celerity minicomputer facility. The upgraded facility will be used by Professor Ragle and his group in the calculation of molecular properties by ab initio theoretical methods. □

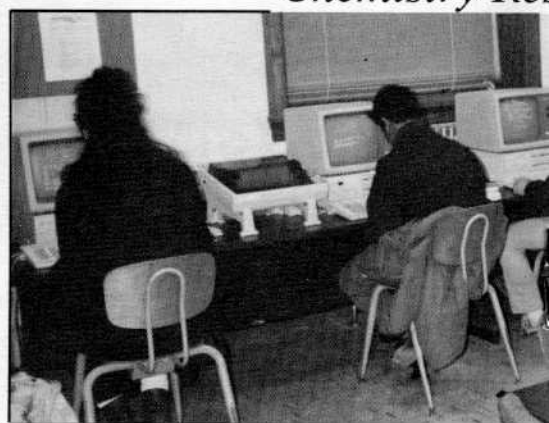
Professor Richard S. Stein spent a week in France in November 1987 at the invitation of IBM at their European Polymer Workshop near Strasbourg. He spent 3 weeks at their San Jose, CA facility during January 1988 giving a series of lectures. He was an invited lecturer at workshops on neutron scattering during October 1987 at Argonne National Laboratory and in November at Los Alamos National Laboratory. Professor Stein is just completing a video course in "Electro-Optical Properties of Polymers".

Professor Stein has been designated to receive an Award for Distinguished Service in the Advancement of Polymer Science from the Society of Polymer Science, Japan, to be presented at their annual meeting May 25-27, 1988. □

Professor Rhodes attended the 1987 World Congress on Polyurethanes in Aachen, West Germany, Sept. 29-Oct. 2, 1987 at which time she received an award from Fachverband Schaumkunststoffe e.V. for her work in developing modern methods of optical microscopy for the characterization of foams. □



Clifford Meints, Resource Center Director



Chemistry Re.

Faculty News

This is given "live" as a regular graduate course and is taped at the Video Instruction Program studios of the College of Engineering who send out cassettes to industrial subscribers. Five companies are currently renting the course.

He is continuing to serve as the Vice-Chairman of the Technology Board of the Massachusetts Polymer Center of Excellence. A joint research project with the Polaroid Company is being sponsored by the center. He and his research group have submitted abstracts for 10 papers to be presented at the meeting of the American Physical Society in New Orleans in March 1988. □

News from Professor Uden

Professor Pires Valente from the State University of Campinas (Unicamp), Sao Paulo in Brazil has been a Visiting Professor in Analytical Chemistry from June 1987 for a year. His visit extends the continuing interaction between our departments which has been in place since 1982. His interests lie in environmental analysis and he is involved in the program of interfaced chromatography and atomic spectroscopic detection in our group.

You Jiamin, who is a faculty member at Wuhan University in the People's Republic of China, has been a visiting scientist in our group since August 1986, working in the area of trace measurements of chlorinated organic compounds in drinking water.