

## METTLER AWARD 1973

### Dr. Edward M. Barrall receives Mettler award in thermal analysis

The North American Thermal Analysis Society (NATAS) has selected Dr. Edward M. Barrall II, of San Jose, California, as recipient of the 6th Mettler Award in Thermal Analysis.

Dr. Barrall was presented with a citation and \$1000 honorarium by John M. Cannon, Vice President of Mettler Instrument Corporation, at the Annual NATAS Meeting at Holy Cross College, Worcester, Massachusetts.

The Award is sponsored by Mettler Instrument Corporation of Princeton, New Jersey, and is given periodically "in recognition of creative work and distinguished service in the field of dynamic thermal analysis". Recipients are nominated and selected solely by the NATAS membership and Awards Committee.

Dr. Barrall is employed with IBM Research, San Jose, where his current work is concerned with the thermal properties of organic compounds, polymers and composite materials. His address at the presentation ceremonies focused on "Thermodynamic Properties of Liquid Crystals". Following a general review of processes and literature, he concluded that calorimetry by differential techniques is now a fully developed art.

Dr. Barrall graduated from the University of Louisville with a B.S. Degree (1955) and an M.S. Degree (1957) in Analytical Chemistry, and from MIT (1961) with a Ph.D. in the same field. Prior to joining IBM two years ago, he worked for the U.S. Army Ballistic Missile Agency, W. R. Grace, University of Georgia, DuPont, and Chevron Research Company.

Dr. Barrall has authored more than 80 papers and book chapters on the techniques of differential thermal analysis and differential scanning calorimetry with polymeric and organic materials. He is a member of a number of technical societies including the American Chemical Society, Sigma Xi, International Confederation for Thermal Analysis, and is currently vice president of the North American Thermal Analysis Society. He is also on the editorial board for *Thermochimica Acta* and is the North American regional editor for *Thermal Analysis Abstracts*.