



CHEMICAL ENGINEERING DIVISION ACTIVITIES

NINETEENTH ANNUAL LECTURESHIP AWARD TO ARTHUR W. WESTERBERG

The 1981 ASEE Chemical Engineering Division Lecturer was Arthur W. Westerberg of Carnegie-Mellon University. The purpose of this award lecture is to recognize and encourage outstanding achievement in an important field of fundamental chemical engineering theory or practice. The 3M Company provides the financial support for this annual lecture award.

Bestowed annually upon a distinguished engineering educator who delivers the Annual Lecture of the Chemical Engineering Division, the award consists of \$1,000 and an engraved certificate. These were presented to this year's Lecturer at the Annual Chemical Engineering Division banquet, held at the University of Southern California, Los Angeles, CA, on June 23, 1981. Professor Westerberg's lecture was entitled "Design Research—Both Theory and Strategy."

A native of Minnesota, Art Westerberg received his B.Sc. (with Highest Distinction) from the University of Minnesota in 1960 and his M.Sc. from Princeton in 1961, both in chemical engineering. He received his Ph.D. in 1964 from Imperial College, London, where he worked for Roger Sargent in the new area called computer-aided process design.

Returning to Minnesota, an attempt at entrepreneurship lasted for nine months when he was president of a consulting company started by his father. He then joined Control Data Corporation for two years as a senior analyst in their process control division in LaJolla, California. In 1967 an interest in teaching and research drew him to academia when he joined the Chemical Engineering Department at the University of Florida.

In 1974-75, Rodolphe Motard and he spent a joint sabbatical at the Computer Aided Design Centre in Cambridge, England, at which time they, together with Peter Hutchinson and Peter Winter, coauthored Process Flowsheeting, a unique book devoted to elucidating the underlying structures and their advantages for available and proposed flowsheeting programs.

In 1976 Professor Westerberg joined Carnegie-Mellon University in Pittsburgh. He served as director of the Design Research Center from 1978 to 1980, when he became head of the Chemical Engineering Department, a position he currently holds.

In research, Professor Westerberg's publications empha-

size optimization and synthesis in computer-aided design. Recent work includes developing a multileveled decomposition strategy to permit an optimization algorithm to be useful for engineering design calculations, the development of a new flowsheeting system, and a new approach for estimating minimum utility requirements.

In education, he was on the CACHE Committee from its inception in 1970 until last year, and he was program chairman of the Chemical Engineering Division for the ASEE Annual Conference in 1979. He gave the first invited Chemical Engineering "Tutorial Lecture" in 1978 at the ASEE meeting in Vancouver and has authored several articles for CEE.

LECTURE TOUR

Funds are available to have Dr. Westerberg deliver his Award lecture at three locations in the U.S. The locations are to be selected from schools requesting the presentation of the lecture. Requests for this outstanding lecture will be received until September 1, 1981. The request should include suggested times, the audience to which the lecture will be presented, and whether or not the school could participate in some of the costs associated with a lecture tour. Funds are available from 3M, but they are limited. Please send your request with the required information to Dr. James E. Stice, ChE Dept., University of Texas, Austin, TX 78712.

NOMINATIONS FOR 1982 AWARD SOLICITED

The award is made on an annual basis with nominations being received through Feb. 1, 1982. The full details for the award preparation are contained in the Awards Brochure published by ASEE. Your nominations for the 1982 lecture-ship are invited. They should be sent to Dr. Billy L. Crynes, ChE Dept., Oklahoma State University, Stillwater, OK 74078.

NEW DIVISION OFFICERS ELECTED

The newly elected ChE Division officers are: W. B. Baasel, Chairman; James Couper, Past Chairman; Angelo Perna, Chairman Elect; Phillip Wankat, Secretary-Treasurer; Dee H. Barker and Dale Seborg, Members at Large; and Robert Stambaugh, Industrial Member at Large.

ChE's RECEIVE HONORS

A number of ChE professors were honored with awards at the ASEE meeting. The Curtis W. McGraw Award was presented to Alexis T. Bell (University of California, Berkeley); the Dow Outstanding Young Faculty Award was presented to Alberto Co (University of Maine), Richard Noble (University of Wyoming), and Timothy Anderson (University of Florida); James E. Stice (University of Texas) and George Klinzing (University of Pittsburgh) won Western Electric Fund Awards; and George Burnet (Iowa State University) won the CIEC Best Paper Award.