



CHEMICAL ENGINEERING DIVISION ACTIVITIES

TWENTIETH ANNUAL LECTURESHIP AWARD TO LOWELL B. KOPPEL

The 1982 ASEE Chemical Engineering Division Lecturer was Lowell B. Koppel of Purdue 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 California at Santa Barbara.

NOMINATIONS FOR 1983 AWARD SOLICITED

The award is made on an annual basis with nominations being received through February 1, 1983. The full details for the award preparation are contained in the Awards Brochure published by ASEE. Your nominations for the 1983 lectureship are invited. They should be sent to Robert E. Slonaker, Chairman, 3M Award Committee, ChE Department, Bucknell University, Lewisburg, PA 17837.

NEW DIVISION OFFICERS ELECTED

The newly elected ChE Division officers are: Angelo Perna, Chairman; W. D. Baasel, Past Chairman; Dee Barker, Chairman Elect; Bill Beckwith, Secretary Treasurer; John Sears and Dale Seborg, Members at Large; Hal Kemp and R. P. Stambaugh, Industrial Representatives.

ChE's RECEIVE HONORS

ASEE Meeting • Texas A & M

George Burnet, Iowa State University, was the recipient of ASEE's highest honor, the Lamme Award, in recognition of his excellence in

teaching, contributions to research and technical literature, and achievements contributing to the advancement of the profession. **William Corcoran**, California Institute of Technology, received the Distinguished Service Citation for his long and continuous service in teaching, research and administration.

Summer School • U.C.-Santa Barbara

Ray W. Fahien, University of Florida, was presented with an Award of Excellence. **Paul V. Smith** of Exxon and **James Townsend** of Dow were both recognized for their many contributions to the ChE Division as industrial representatives. **T. W. F. Russell**, **Stanley I. Sandler** and **Sherri Barwich**, all of the University of Delaware, were presented with Certificates of Appreciation for their work in coordinating the 1982 Summer School, and **Dale Seborg** and **John Myers** were both recognized for their contributions as hosts at the University of California, Santa Barbara.

ChE book reviews

OPTIMIZATION AND INDUSTRIAL EXPERIMENTATION

By W. E. Biles and J. J. Swain
John Wiley & Sons, NY

Reviewed by **R. M. Bethea**, **H. R. Heichelheim**,
L. D. Clements Texas Tech University

Chapter 1. This section provides a thorough coverage and description of the properties of optimization problems with an inconsistent mixture of belaboring the mathematically obvious and "name-dropping" of methods to be developed later. **Chapter 2.** The use of the chi-squared goodness-of-fit test to evaluate the Poisson distribution is unusual in most introductory statistics texts. The explanation is clear to a reader with some background in mathematical statistics but not to the novice as is the authors' stated goal. Note that in the example of the Poisson on p. 47 should be $f_y(y) = e^{-2.8} y^{2.8} / y!$ and that the values of f_1 and e_1 in Table 2.12 have been multiplied by 100.

In the section starting on p. 89, no justification has been given for the F-tests. In this way, the student is not taught the *why* of analysis of vari-

Continued on page 199.