

## EDITORIAL AND BUSINESS ADDRESS

Department of Chemical Engineering  
University of Florida  
Gainesville, Florida 32611

Editor: *Ray Fahien*

Associate Editor: *Mack Tyner*

Business Manager: *R. B. Bennett*

Editorial & Business Assistant:  
*Carole C. Yocum*  
(904) 392-0861

## Publications Board and Regional Advertising Representatives:

### Chairman:

*Klaus D. Timmerhaus*  
University of Colorado

### SOUTH:

*Homer F. Johnson*  
University of Tennessee

*Vincent W. Uhl*  
University of Virginia

CENTRAL: *Leslie E. Lahti*  
University of Toledo

*Camden A. Coberly*  
University of Wisconsin

*Darsh T. Wasan*  
Illinois Institute of Technology

WEST: *R. W. Tock*  
Texas Tech University

*William H. Corcoran*  
California Institute of Technology

*William B. Krantz*  
University of Colorado

EAST: *Thomas W. Weber*  
State University of New York

*Lee C. Eagleton*  
Pennsylvania State University

NORTH: *J. J. Martin*  
University of Michigan

*Edward B. Stuart*  
University of Pittsburgh

NORTHEAST: *Angelo J. Perna*  
New Jersey Institute of Technology

NORTHWEST: *Charles Sleicher*  
University of Washington

*Charles E. Wicks*  
Oregon State University

PUBLISHERS REPRESENTATIVE  
*D. R. Coughanowr*  
Drexel University

UNIVERSITY REPRESENTATIVE  
*Stuart W. Churchill*  
University of Pennsylvania

# Chemical Engineering Education

VOLUME XII

NUMBER 4

FALL 1978

## GRADUATE COURSE ARTICLES

- 148 Horses of Other Colors—Some notes on Seminars in a Chemical Engineering Department, *Rutherford Aris*
- 152 Chemical Reactor Engineering, *John B. Butt and E. E. Peterson*
- 158 Influential Papers in Chemical Reaction Engineering, *Robert L. Kabel*
- 164 A Graduate Course in Polymer Processing, *Stanley Middleman*
- 168 Reactor Design From a Stability Viewpoint, *D. D. Perlmutter*
- 172 The Dynamics of Hydrocolloidal Systems, *Raj Rajagopalan*
- 178 Coal Science and Technology, *T. D. Wheelock*
- 182 Transport Phenomena in Multicomponent, Multiphase, Reacting Systems, *R. G. Carbone and S. Whitaker*

## FEATURES

- 188 All a Chemical Engineer Does is Write, *M. E. Leesley and M. L. Williams, Jr.*
- 194 Award Lecture, Part III: Discussions and Conclusions, *Robert C. Reid*
- 198 Views and Opinions  
Chemical Engineering Education Revisited, *Louis Theodore*

## DEPARTMENTS

- 147 Editorial
- 151 Letter to the Editor
- 163 In Memorium —*Giuseppe Parravano*
- 163, 199, 202, 206, Book Reviews

CHEMICAL ENGINEERING EDUCATION is published quarterly by the Chemical Engineering Division, American Society for Engineering Education. The publication is edited at the Chemical Engineering Department, University of Florida. Second-class postage is paid at Gainesville, Florida, and at DeLeon Springs, Florida. Correspondence regarding editorial matter, circulation and changes of address should be addressed to the Editor at Gainesville, Florida 32611. Advertising rates and information are available from the advertising representatives. Plates and other advertising material may be sent directly to the printer: E. O. Painter Printing Co., P. O. Box 877, DeLeon Springs, Florida 32028. Subscription rate U.S., Canada, and Mexico is \$10 per year, \$7 per year mailed to members of AIChE and of the ChE Division of ASEE. Bulk subscription rates to ChE faculty on request. Write for prices on individual back copies. Copyright © 1978 Chemical Engineering Division of American Society for Engineering Education, Ray Fahien, Editor. The statements and opinions expressed in this periodical are those of the writers and not necessarily those of the ChE Division of the ASEE which body assumes no responsibility for them. Defective copies replaced if notified within 120 days.

The International Organization for Standardization has assigned the code US ISSN 0009-2479 for the identification of this periodical.