

Editor's Note

This is the 18th Graduate Education Issue published by CEE. It is distributed to chemical engineering seniors interested in and qualified for graduate school. We include articles on graduate courses, research at various universities and announcements of departments on their graduate programs. In order for you to obtain a broad idea of the nature of graduate work, we encourage you to read not only the articles in this issue, but also those in previous issues. A list of the papers from recent years follows. If you would like a copy of a previous Fall issue, please write CEE.

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AUTHOR TITLE

Fall 1985

Bailey, Ollis	Biochemical Engineering Fundamentals
Belfort	Separations & Recovery Processes
Graham, Jutan	Teaching Time Series
Soong	Polymer Processing
Van Zee	Electrochemical & Corrosion Engineering
Radovic	Coal Utilization & Conversion Processes
Shah, Hayhurst	Molecular Sieve Technology
Bailie, Kono, Henry	Fluidization
Kauffman	Is Grad School Worth It?
Felder	The Generic Quiz

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Lauffenburger et al.	Applied Mathematics
Marnell	Graduate Plant Design
Scamehorn	Colloid & Surface Science
Shah	Transport Phenomena
White	Heterogeneous Catalysis with Video-Based Seminars
Zygourakis	Linear Algebra
Bartholomew, Hecker	Research on Catalysis
Converse, et al.	Bio-Chemical Conversion of Biomass
Fair	Separations Research
Edie	Graduate Residency at Clemson
McConica	Semiconductor Processing
Duda	Misconceptions Concerning Grad School

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Davis	Numerical Methods and Modeling
Sawin, Reif	Plasma Processing in Integrated Circuit Fabrication
Shaeiwitz	Advanced Topics in Heat and Mass Transfer
Takoudis	Chemical Reactor Design
Valle-Riestra	Project Evaluation in the Chemical Process Industries
Woods	Surface Phenomena
Middleman	Research on Cleaning up in San Diego
Serageldin	Research on Combustion

Wankat, Oreovicz	Grad Student's Guide to Academic Job Hunting
Bird	Book Writing and ChE Education
Thomson, Simmons	Grad Education Wins in Interstate Rivalry

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Hightower	Oxidative Dehydrogenation Over Ferrite Catalysts
Mesler	Nucleate Boiling
Weiland, Taylor	Mass Transfer
Dullien	Funds. of Petroleum Production
Seapan	Air Pollution for Engineers
Skaates	Catalysis
Baird, Wilkes	Polymer Education and Research
Fenn	Research is Engineering

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Abbott	Classical Thermodynamics
Butt, Kung	Catalysis & Catalytic Reaction Engineering
Chen, et al.	Parametric Pumping
Gubbins, Street	Molecular Thermodynamics and Computer Simulation
Guin, et al.	Coal Liquefaction & Desulfurization
Thomson	Oil Shale Char Reactions
Bartholomew	Kinetics and Catalysis
Hassler	ChE Analysis
Miller	Underground Processing
Wankat	Separation Processes
Wolf	Heterogeneous Catalysis

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Bird	Polymer Fluid Dynamics
Edgar, Schechter	In Situ Processing
Hanratty	Wall Turbulence
Kenney	Chemical Reactors
Kerchenbaum, Perkins, Pyle	Systems Modelling & Control
Liu	Process Synthesis
Peppas	Polymerization Reaction Engineering
Rosner	Combustion Science & Technology
Lees	Plant Engineering at Loughborough
Senkan, Vivian	MIT School of ChE Practice

Fall 1979

Culberson	Doctoral Level ChE Economics
Davis	Molecular Theory of Thermodynamics
Frank	Courses in Polymer Science
Morari, Ray	Integration of Real-Time Computing Into Process Control Teaching
Ramkrishna	Functional Analysis for ChE
Russel, et al.	Colloidal Phenomena
Russell	Structure of the Chemical Processing Industries
Vannice	Heterogeneous Catalysis
Varma	Mathematical Methods in ChE
Yen	Coal Liquefaction Processes