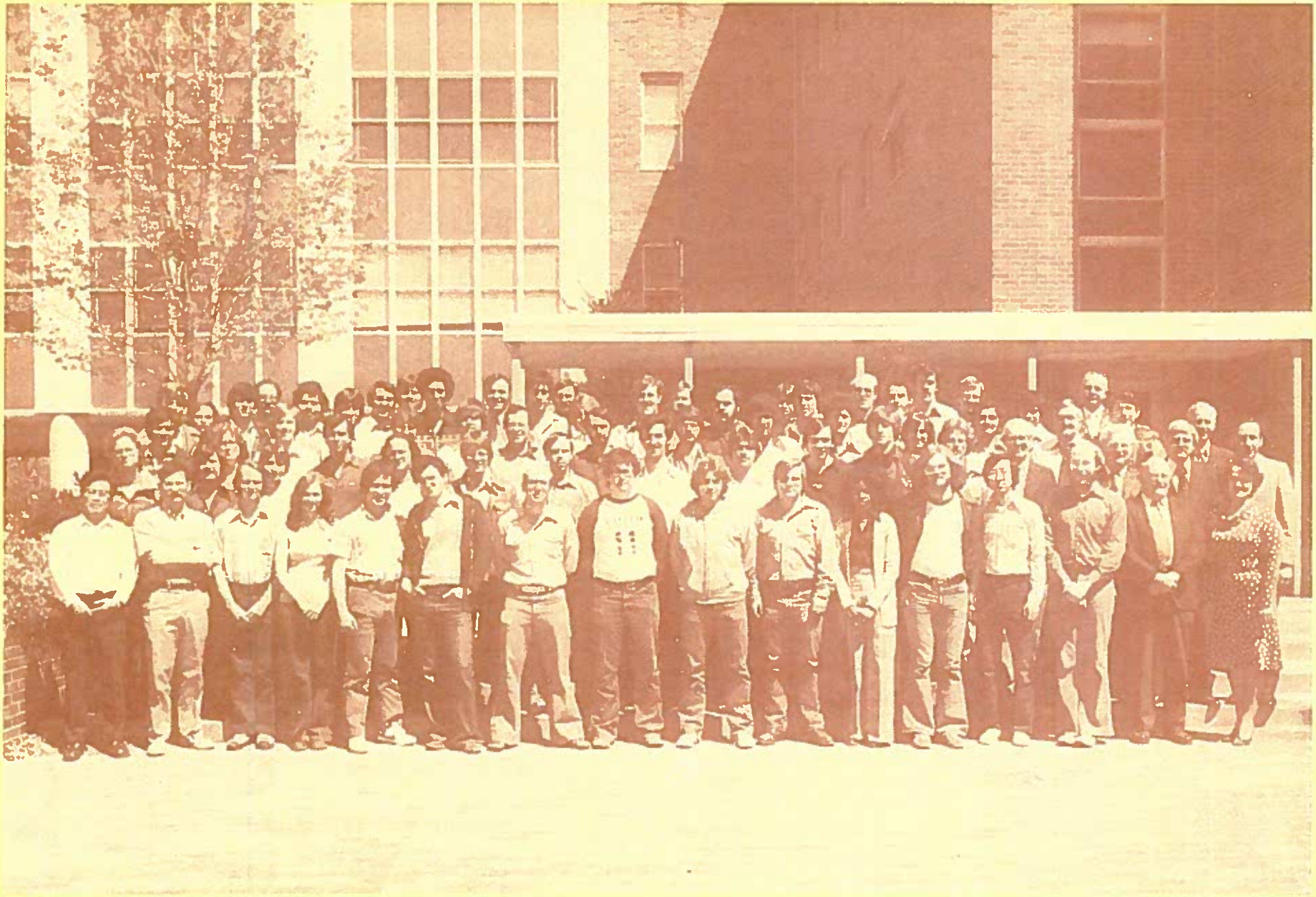
Chemical Engineering

Thirty First Annual Report to the Alumni

1979

OSU

The Ohio State University



Row 1: K. Park, B. Buchanan, K. Hanushek, J. Inkrot, G. Singer, S. Traicoff, D. Rusyniak, S. Howard, R. Valentin, J. Etherton, R. Ivory, R. Yoch, B. Yam, D. Lindley, E. Duckham, B. Frazier

Row 2: B. Baird, J. Cominsky, D. Rolph, C. Sugar, J. Sigan, T. Wood, G. Markley, M. Moore, S. Salisbury, D. Murphy, M. Papai, E. Proczak, D. Bantz, T.L. Sweeney, R.E. Lynn, T. Trufant, J.L. Zakin

Row 3: E. Levine, D. Brown, T. Burns, C. Cunningham, P. Vance, B. Williamson, S. Amerine, D. Hooker, D. Folsom, D. Steinmetz, P. Shah, N. Nguyen, H.C. Slider, S. Benner, C.J. Geankoplis

Row 4: J. Sayre, T. Asimou, D. Sass, E. Parades, R. Perez, R. Scott, B. Weider, J. Weeman, H.C. Hershey, P. Steacy, D. Kerekes, D. Beran, J. Albers, D. Wasela, J. Loy, D. Nguyen, R. Morin, D. Coombs, A. Vurgaropulos, N. Stuber, J. Bruggeman, E.R. Haering

Class of 1978

Chemical Engineering Report

Dear Alumni,

Our Chemical Engineering Department had an eventful year; here are some of the highlights.

The most significant was the arrival of three new staff members last September:

Professor Duane R. Skidmore came to us from West Virginia University where he had taught for six years. Before that he taught at North Dakota University following industrial employment with DuPont. Duane's research interests are in coal structure and coal liquefaction. He will be teaching three new courses in coal structure and coal liquefaction and coal gasification. He is active in a number of Ohio State and national committees concerned with increasing the use of coal as a fuel and a chemical feedstock.

Assistant Professor Liang-Shih Fan did post-doctoral work and served as a Visiting Assistant Professor at Kansas State University, and later at the University of Tokyo. "L.S." completed his PhD work in West Virginia University in 1975, and earned an M.S. in Statistics at Kansas State in 1978. His research interests include scrubbing of sulfur dioxide from stack gases by lime and limestone slurries, process modeling and simulation, and biological treatment of waste liquors from coal processing using new semifluidized bed technology.

Assistant Professor Robert D. Mohler did his PhD work at Purdue where his research concentrated on the digital process control of a biochemical reaction. Bob has had industrial experience with Hercules, Inc. He is interested in research in biochemical engineering, digital process control, and computer-aided design.

Our present faculty of twelve will allow a little more time for research than has been possible in recent year, but teaching loads are still relatively heavy as undergraduate enrollments continue their upward climb. The number of sophomores, juniors and seniors was 146 in Autumn 1975; 187 in 1976; 230 in 1977; and 249 in 1978. Full-time graduate enrollment has been increasing more slowly, with 25 in 1975; 27 in 1976; 29 in 1977; and 33 in 1978.

The job market for B.S., M.S., and Ph.D. Chemical Engineers has remained strong. All students graduating in 1978 who actively sought employment were placed, with most graduates having several offers. The average salary accepted by B.S. degree holders was $1526/month which was the highest of any group at Ohio State. This was about $20/month above the national average for Chemical Engineers. The average salary for M.S. graduates was nearly $21,000 per year.

The faculty continues to be active in research and other professional activities. Some of their noteworthy accomplishment are listed on the following pages.

This year ACE Day will be held on Friday, May 18. I hope that many of you will be able to come back at this time. We especially look forward to greeting the members of the anniversary classes of 1919, 1924, 1929, 1934, 1939, 1944, 1949, 1954, 1959, 1964, 1969, and 1974.

The faculty (and other staff members) join me in sending best wishes to each of you. Your continued interest and support is greatly appreciated. Please keep us posted on your activities.

Sincerely,

Jack Zakin

P.S. We are planning to have an OSU Alumni get-together at the AIChE Meeting in San Francisco In November. It will probably be on Monday evening November 26. Signs will be posted announcing the time and place. Several of the faculty will be attending. Hope to see many of you there.

Faculty Activities

Professor Robert S. Brodkey spent one month last summer doing turbulence research at the Max Planck Institute Für Strömungsforschung in Göttingen. He was on leave in Japan during the Autumn quarter at the invitation of the Japanese Society for the Promotion of Science. During this time, he visited a number of Japanese universities where he lectured on his turbulence and mixing rearch, met leading Japanese researchers and discussed research programs in their fields. On the way to Japan he lectured at the Indian Institue of Technology at New Delhi and Madras, the Indian Institute of Science at Bangalore and the Korean Institue of Technology at Seoul. He also managed to visit Greece, Israel, Egypt, Iran, Afghanistan, Nepal, Sri Lanka, Indonesia, Taiwan, Hong Kong and Hawaii on his round-the-world trip. During the past year, Bob has received research support from NSF for his turbulence studies and from the Air Force for his rheology studies.

Professor Christie J. Geankoplis had an outstanding publishing year with the issuing of the second printing of his text Mass Transport Phenomena and the publishing of a new text Transport Processes and Unit Operations. The latter is the first text to integrate biochemical processes with the traditional unit operations and also the first to use SI units.

Last year Professor E.R. Haering was invited to act as an evaluator of chemical engineering Ph.D. programs in the state of Louisiana by the Louisiana Board of Regents. He was also Treasurer of the Central Ohio Section of the American Institute of Chemical Engineers.

Professor Harry C. Hershey is completing a textbook on Transport Processes with Professor Brodkey. Professor Hershey has continued to provide computer programming and other assistance and advice to undergraduate and graduate students.

Professory R.E. Lynn continued to serve as a member of the national American Institute of Chemical Engineers Public Relations Committee and as faculty adviser to the student chapter of AIChE.

Professor Duane R. Skidmore organized and chaired a Symposium on Fuels Education for the Division of Fuel Chemistry of the American Chemical Society at the National Meeting in Anaheim, California, last March.

Professor H.C. Slider (Slip) was selected as a Distinguished Lecturer by the Society of Petroleum Engineers of the AIME for the 1978-79 year. By the end of the year he will have delivered 15 lectures to SPE sections all over the United States. He also taught one-week short courses on petroleum reservoir engineering in Houston, TX. and in West Germany, and Canada. Recently, he was appointed to the Research Committee of the Interstate Oil Compact Commission by the Governor of Kansas.

Professor E.E. Smith served as Chairman of the ASTM task group which approved for ASTM publication, the test procedure he developed for measuring release data of heat and smoke from materials and products. This test has also been approved as a standard by CSA (Canadian Standards Association). Ed continues to have a large number of industrial contracts, and has also received NASA support for his combustion studies.

Professor Thomas L. Sweeney presented short courses on Occupational Safety and Health, and on Administrative Agencies and the Regulation of Technology at two national meetings of the American Institute of Chemical Engineers in 1978. He has been invited to lecture at a number of universities and meetings on The Legal Responsibilities of Engineers.

Professor Jacques L. Zakin organized and chaired the Symposium on Polymeric Drag Reducers for the Polymer Division of the American Chemical Society at the National Meeting in Anaheim, California, in 1978. He was also an invited lecturer at the Round Table on Drag Reduction held in Strasbourg, France, in October, 1978 sponsored by the Centre National de la Recherche Scientifique (CNRS). Jack has received NSF support for research on viscous crude transport as oil-in-water emulsions, NASA support for continued cooperative work in solid-gas flows with the University of Missouri-Rolla, and Air Force and Office of Naval Research support for The Sixth Biennial Symposium on Turbulence to be held next October.

Three of our Emeritus Professors have continued their active involvement in departmental activities:

Emeritus Professor W.B. Kay has continued his research in thermodynamics. He continues to attned meetings, make presentations, and publish papers on his work.

Emeritus Associate Professor Karlis Svanks continues his work with Project Clear providing expert consultation on instrumentation and test methods for water quality surveillance.

Emeritus Porfessor Aldrich Syverson has been preparing for publication the results obtained by several of his PhD students. He is also participating in the theses research of two current graduate students.

Program

Annual Conference for Engineers & Architects

PLEASE PRE-REGISTER BY MAY 12, 1979

Friday, May 18, 1979

8:30 Registration & Coffee Hour
Hitchcock Hall Lobby

9:30 Morning Session
Hitchcock Hall Auditorium

Alumni - Industry - Education
An Alliance for Excellence

A program for continued excellence in engineering through the '80s

Where We're Going
Dr. Donald D. Glower
Dean, College of Engineering

How Industry and Alumni Can Help
John B. White
Chairman, Steering Committee
Vice Pres. Manufacturing, Glass Div.
PPG Industries

Our Plan for Success
Stanley E. Harrison
Chairman, Committee for Tomorrow
Executive Vice President
The BDM Corporation

Committee of 100: Back in Action
Frederick D. Meyers
Chairman, Committee of 100
Director, Energy Conservation
Owens-Corning Fiberglas Corporation

Open Forum

11:15 Reception
Ohio Union - West Ballroom
For awardees, friends, faculty, parents, class reunion groups

12:00 Awards Luncheon
Ohio Union Ballrooms

Presenting:

- The Reunion Classes of '69 '54 '49 '44 '39 '34 '29 '24 '19
- 1979 Engineering Honor Students
- Faculty Awards for Distinguished Teaching
- Texnikoi Outstanding Alumnus Award
- Distinguished Alumnus Awards
- Meritorious Service Citation
- Benjamin G. Lamme Medal

2:00 Departmental Sessions

Chemical Engineering Departmental Program

Room 207

The Joseph H. Koffolt Laboratories

Friday, May 18, 1979

2:00 WELCOME TO ALUMNI AND GUESTS

Introduction of Anniversary Classes
1919, 1924, 1929, 1934, 1939, 1944,
1949, 1954, 1959, 1964, 1969, 1974

STUDENT AWARDS

2:30 Dr. Duane R. Skidmore: "Coal Conversion Research at Ohio State University"

3:00 OPEN HOUSE AND SOCIAL HOUR

Registration
1979 Annual Conference for Engineers and Architects

Name _____

OSU Class_____ Dept._____

Mailing Address_____

_____

Business Affiliation _____

Position or Title _____

☐ Yes, sign me up for May 18, 1979. The conference fee of $8.00 per person includes registration, reception, and luncheon.

☐ Sorry, can't make it.

Other Guests Name(s) _____

_____

Enclosed is a check for $_____.

Please make check payable to ACE Day and mail to:
The Ohio State University, College of Engineering, 2070 Neil Avenue, Columbus, Ohio 43210

Anniversary Classes

1914
R.H. Cragg

1919
J.T. Robson
M.E. Schulz
C.N. Ward

1924
G.F. Friauf
C.T. Harman
C.F. Landin
A. Routa
J.R. Wall

1929
M.M. Crawford
F.L. Durr
I.K. Herndon
J.L. Hoelscher
E.B. Layfield
L.H. Mapel
R.C. Martin
H.L. Parker
B.S. Phillips
C.D. Roess
J.L. Walsmith
R.H. Work
F. Yenkin

1934
W.A. Barres
C.W. Choi
E.J. Corell
C.R. Croft
H.L. Fenburr
C.N. Fisher
L.L. Fortune
O.D. Graff
E.A. Harper
O.G. Howard
H.D. Kaufman
H.C. Lancia
W.J. Lawless
S.C. Lyon
T. Marks
W.D. Martin
W.A. Menges
A. Radniss
E.M. Schoenborn
E.E. Slowter
S.W. Snyder
W.F. Swink
R.H. Tseng
H.H. Weinberg

1939
R.J. Anderson
F.D. Beckel
R.S. Berg
N.L. Berzy
G.B. Brookover
J.E. Chenevey
H.P. Connare
G.M. Corell
R.H. Dewart
A.R. Downing
F. Eastman
C.D. Fischer
R.R. Foltz
D.A. Francis
G.W. Goldrick
A.I. Gordon
J.K. Harvey
K.S. Hoover
J.A. Jacks, Jr.
W.E. Jackson
I.J. Kail
J.S. King
L.R. Kreig
G.F. Lamers
R.G. Lilley
D.W. Khlhman
J.E. Manner
R.F. McCormick
J.M. McEwen
R.P. Mitchell
R.E. Ogden
E.C. Pontius
K.E. Quigley
R.S. Radnow
M.L. Riehl
G.E. Roese
H.G. Rohrer
C.A. Rhormann
L.F. Roy
B.R. Sarchet
R.E. Smith
J.S. Stahl
P.L. Suter
S. Teplitz
R.P. Theado
A. Thomas, Jr.
R.W. Thompson
G.S. Tobias
H.B. Warner
C.W. Weber
W.C. White
B.M. Wolf
W.D. Woodford

1944
E.W. Bailey
S.M. Bazler
W.L. Bostwick
E.A. Broestl
M.L. Buike
D.N. Clark
J.P. Geier
W.R. Harris
C.A. Haverly, Jr.
H.P. Hackenmester
T.E. Koprowski
M.C. Kidd
K.C. Lacy
M.J. Laituri
M.E. Miller
R.D. Mitchell
G.H. Montgomery
E.W. Powell
M. Schwartz
J.J Sebenick
C.V. Strahl
G.C. Strickler, Jr.
T.H. Wilson
P.A. Yount

1949
D.S. Arnold
W.D. Arthur
P.E. Bates
C.W. Bemiss
H.C. Bijawat
D.F. Bockhorst
B.C. Booth
E.J. Bradbury
L.T. Bunn
J.A. Burgbacher
L.B. Canfield
C.W. Conklin
J.W. Connolly
M.J. Cramer
G.G. Cross
K.M. Dubowski
R.G. Dunn
G.W. Egger
J.E. Englehoff
S.S. Fok
E.F. Fowler
P.A. Fritsche
E.E. Galloway, Jr.
R.W. Garris
R.D. Hammond
R.L. Harbour
T.A. Haverfield
A.C. Heidenreich

1949 (cont)
R.P. Heintz
M.R. Hetler
B.E. Hill
W.H. Hoge
W.C. Hoover
W.D. Hunter
H.W. Huang
J.F. Irwin
T.M. Jenney
R.A. Jones
M. Jones
W.G. Jurevic
J.H. Kerstetter, Jr.
W.K. Kinzer
W.G. Knapp
R. Knaus
R.J. Koenig
R.E. Kraus
A.W. Krock
F.W. Kroetz
R.H. Lepley
G.R. Lewis
T.H. Ling
F.A. MacDougall
J.B. Martin
H.C. McKee
B.H. McMullen
A.L. Medin
J.R. Metcalf
C.G. Miller, Jr.
R.N. Miller
B.H. Minnich
R.I. Mitchell
J. Newman
R.S. Olafson
C.T. Pan
D.B. Plotts
M. Pollack
E.C. Pontius
T. Rado
G. Rambosek
F.A. Retzke
S.A. Riccardi
D.R. Roberts
A. Rose
J.P. Rosser
G.D. Schaaf
R.T. Scharenberg
J.J. Sebenick
E.A. Shawd
C.R. Shepherd
R.M. Shuster
E.E. Smith
R.I. Spencer

1949 (cont)
H.R. Steele
D.F. Stewart
R.F. Strigle, Jr.
A.J. Supowit
J.W. Thompson
A.R. VanKleeck
J.M. Wallin
F.A. Warren
G.H. Whipple
E.W. Wiederhold
T.H. Wilson
H.G. Wittmer, Jr.
C.E. Ziants

1954
S. Barron
R.L. Boggs
N.P. Davis
R.E. Dudley
P.M. Engle
D. Foley
D.H. Gartner
B.D. Giles
R.E. Harrington
R.L. Justice
I. Kenis
W.J. Kozel
J.O. Lott
F.J. Maslylk
P. Minderman
L.G. Moody
R.H. Nimitz
G. Raines
J.W. Roberts
T.R. Smith
W.H. Sprout
C. Thacker
A.R. VanKleeck
F.A. Veley
D. Weir
R.B. Weiser
J. Yerina
L.W. Addie
J.O. Albery
T.M. Bates
C.B. Bautista
S.G. Bloom
E.M. Bond
C.H. Brown
S.W. Chun
R.E. Davis
T.O. Dobbins
C.E. Drum
D.W. Fisher
J. Foris
W.O. Glomb

1959
R.L. Halsey
R.L. Hempy
M.E. Hoover
L.G. Jones
L.W. Jordon
D.S. Kim
R.M. Kovach
J.P. Kuhn
J.W. Lacksonen
J.H. Laughlin
G.F. Leverett
A.W. Liles
R.G. Lindsey
J.E. Long
D.P. Macarus
B.L. Nyquist
C. Okagawa
W.S. Palmer
E.R. Purves
O.L. Reedy
P.K. Sanghani
F.E. Smith
S.K. Sonowala
J.L. Thompson
F.H. Tse
W.B. Van Sise
D.J. von Lehmden
J.H. Weinberg
G.A. Wilcox

1964
A.R. Axline
J.R. Barber
G.L. Beeler
R. Betschel
W.O. Betz
S.G. Bloom
J.H. Buddenmyer
S.W. Chun
W.C. Corder
A. Constantinides
G.L. Croskey
R.S. Cunningham
M.B. Cutlip
M.F. Dague
R. Domonso-Hederra
R.G. Dunn
W.R. Ferris
L.E. Gates
W.R. Hayhow
D.E. Hazlebeck
R.J. Heaston
A.E. Jones
D.W. Kirsch
A.K. Kocksiek
J.W. Lacksonen

1964 (cont)
J.C. Leslie
D.C. McAdams
J.W. Mills
J.A. Moomaw
D.L. Pachko
G.D. Parikh
J.B. Sapp
T.J. Scattoloni
D.E. Skillicorn
G.A. Tamayo
E.A. Vajnar
W.V. Whitmer
D.J. Wilhelm
B.C. Yao

1969
Y.J. Ahn
M.Y. Anastas
S.M. Barrick
W.E. Ballantyne
P.N. Bartram
R.A. Baxter
J.H. Becher
J.J. Curran
J.F. Dietz
T.W. Doub
T.T. Duvall
R.J. Emmert
L.W. Feller
W.E. Ferguson
M.J. Gorman
J.A. Guzman
L.G. Hilton
S.E. Howland
P.D. Jachimiak
R. Khera
J.F. Kuon
K.H. Lee
R.D. Litt
S.E. Matthews
R.W. McCrackin
E. Mogollon-Fernandez
D.L. Mundhenk
G.A. Prentice
M.A. Rao
S.E. Russell
J.L. Shailer
K. Scheller
D.E. Smith
R.N. Thomas
J.W. Toussant
R.R. Welsh
C.G. Wysocki

1974
S.H. Alkire

1974 (cont)
J.J. Antolik
P.N. Bartram
B.T. Bayne
E.H. Beadle, Jr.
C.R. Beharry
S.M. Benner
H.G. Bravo
S.M. Brown
M.J. Clark
R.T. Collins
K.R. Cox
G.S. Cullen
L.M. Curran
M.A. Curran
B.K. Dawson
L.R. Dossie
L.S. Fishler
J.D. Fleshman
H. Flugin
M.E. Forry
T.L. Goslin
T.B. Hackett
A.R. Harrison
D.W. Hester, Jr.
B.H. Hurd, Jr.
S.M. Irwin
F.C. Johnson
J.J. Krejci
F.D. Linton, Jr.
D.P. Maddox
J.A. McCaw, Jr.
R.C. McKee
K.L. Montague
E.C. Myers
J.E. Myers
R.H. Nimitz
G.L. Ott
K.Y. Park
M.A. Patterson
M.J. Pedersen
W.M. Pekman
D.B. Ramey
J.C. Reindl
J.L. Rhode
B.A. Robinson
S.K. Scheel
R.L. Schroeder
J.P. Sponseller
W.M.H. Surjowidjojo
G.B. Tatterson
D.K. Thompson
K.E. Waller
G.J. Walter
R.J. Weaver
D.B. Wolfe
I.M. Worthalter

Staff Members

Fellows, Scholars, Research Associates and Teaching Associates

Professors

Robert S. Brodkey
Christie J. Geankoplis
Harry C. Hershey
Webster B. Kay (Emeritus)
R. Emerson Lynn
Waldron D. Sheets (Emeritus)
Duane R. Skidmore
H.C. Slider
Edwin E. Smith
Thomas L. Sweeney
Aldrich Syverson (Emeritus)
Jacques L. Zakin (Chairman)

Associate Professors

Edwin R. Haering
Karlis Svanks (Emeritus)

Assistant Professors

Liang-Shih Fan
Robert D. Mohler

Post Doctorate Fellows

Fred K. Fong
R. S. Sharma

Teaching Associates

Paul F. Barnes
Arthur L. Hensler
M. C. Hu
C. K. Lee
Robert Leyva-Ramos
Scott A. Westfall
Dan Lindley

Research Associates

L. K. Chang
K. Ogunde
K. Y. Park
J. N. Song
W. C. Liu

H.E.W. Energy Traineeship

Randolph Richardson

Administrative Associate

Dwight L. Starr, Sr.

Secretary

Betty Frazier

Typists

Jeanie Barham
Claudia Riser

Design Engineer

Michael B. Kukla

Laboratory Machinist

Earl Duckum

Fellowships

Amoco Fellow
Michael H. Peters

Diamond Shamrock Fellow
Bruce D. Williamson

E.I. duPont deNemours Fellow
Helen E. Holmes

Exxon Company Fellow
Ruth M. Ivory

Arno C. Fieldner Fellows
Stephen P. Amerine
David C. Santiago

B.F. Goodrich Fellow
Paul A. D'Ambra

Joseph H. Koffolt Fellow
Donald W. Buchanan, Jr.
Peter E. Steacy

Procter & Gamble Fellow
Christine P. Brown

Louis A & Lucille Roberts Fellow
Eric A. Warren

Shell Companies Fellow
Douglas T. Brown

Sohio Fellow
Bruce E. Beck

Scholarships

Ashland Chemical Co. Foundation Schlrs.
Thomas E. Mantowski
Keith D. Wisecarver

Dow Chemical Scholars
Karen T. Murphy
David M. Schilling

Eastman Kodak Scholars
Douglas H. Baughman
Nancy C. Coultrip

Scholarships (cont.)

Eastman Kodak (cont.)
William J. Dawson
David T. Ettinger
Donald T. Hooker
Timothy M. Kellogg
Scott D. Reynolds
Julie A. Rogers
Gary D. Shives
Kevin A. Skrada
David K. Snowden
Wayne G. Stuber
Kathleen M. Trauth
Joyce Wagner
Michael W. Weber
Bruce J. Wilson

Goodyear Tire & Rubber Co. Fdn. Schlr.
Keith A. Zimmerman

Raymond D. Hammond
Kimberly A. Arnold
Paul T. DuBetz
Beverly L. Housley
Marc P. Papai
Christine A. Proctor
Edward J. Riestenberg
Debbie Simpson
Janet M. Worley

The Lubrizol Company Scholars
Fred D. Ehrman
David G. Vutetakis

Monsanto Company Scholars
George C. Dagnall
Steven M. Dreher
Debra S. Simpson

Placement of Chemical Engineering Graduates

MARCH, 1978 - DECEMBER, 1978

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

MARCH, 1978

Jeffrey Thomas Lowry	Information not available

JUNE, 1978

Brian William Baird	International Business Machines, Boulder, Colo.
David Maurice Bantz	Gulf Oil Company, Odessa, Texas
Debra Lyn Beran	Union Carbide Corp., S. Charleston, WVA
Douglas Thacher Brown	Graduate School, Ohio State University
Jay Norbert Bruggeman	ALCOA, New Kennsington, PA
Timothy Laroy Burns	E.I. duPont deNemours, Aiken, S.C.
Daniel Mark Coombs	Phillips Petroleum, Bartlesville, Okla.
Christopher T. Cunningham	Union Oil of Calif, Oklahoma City, Okla.
James Harmon Etherton	Union Oil of Calif, Olney, Illinois
Edward Jay Levine	Medical School, Ohio State University
Michael Patrick Moore	B.F. Goodrich Co., Louisville, KY
Ronald Joseph Morin	Union Oil of Calif., Ventura, Calif.
David William Murphy	Babcock and Wilcox, Akron, Ohio
Dien Tu Nguyen	Information not available
Nghia Thanh Nyugen	Information not available
Elbano Jose Parades	Returned to home in Caracus, Venezuela
Elizabeth Ann Porczak	Rohm & Haas Co., Philadelphia, PA
Donna Jo Rolph	Goodyear Atomic, Piketon, Ohio
Dan Rusyniak, Jr.	DARCOM, Rock Island, Illinois
David W. Sass	PED Co. Environmental, Cincinnati, Ohio
Joe William Sayre	Medical School, Ohio State University
Rad Val Scott, III	Eli Lily Co., Indianapolis, IN
Glen Michael Singer	Amoco Productions, New Orleans, LA
David Paul Steinmetz	E.I. duPont deNemours Co., Aiken, S.C.
Neil Phillip Stuber	ARCO Chemical, Philadelphia, PA
Cheryl A. Sugar	Universal Oil Products, DesPlaines, Ill.
Stephen Boris Traicoff	BASF Chemical Co., Wyndotte, Mich.
Robert Hans Valentin	B.F. Goodrich, Cleveland, Ohio
Paul Wells Vance, Jr.	Westinghouse, Pittsburgh, PA
Arthur X. Vurgaropulos	Information not available
Brian Keith Weider	B.F. Goodrich, Avon Lake, Ohio
Richard Jay Yoch	Union Oil of Calif., Los Angeles, Calif.

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

AUGUST, 1978

John August Albers, Jr.	Amoco Productions, Lake Charles, LA
Dale William Folsom	Goodyear Atomic, Piketon, Ohio

CONTINUED

Kurt Robert Hanushek	Information not available
Janet Lyons Inkrott	Phillips Petroleum, Bartlesville, OK
Chinkoo Michael Kim	Information not available
Gerald Edward Markley	Exxon, Baton Rouge, LA
Ronald Ethan Perez	St. Regis Paper, W. Nyack, NY
Jack Alan Sigan	Universal Oil Products, Des Plaines, IL
John Michael Weeman	Proctor & Gamble, Cincinnati, OH

DECEMBER, 1978

James Richard Cominsky	Information not available
John Crawford Loy	E.I. duPont deNemours, Ft. Madison, IA
Marc Phillip Papai	Radian, Vienna, VA

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

MARCH, 1978

Mannsik Kang	General Motors, Warren, MI
Bronko T. Mitevski	General Electric, Columbus, OH

JUNE, 1978

Thomas E. Winkler	Texaco, New Orleans, LA

AUGUST, 1978

Joseph I. Arar	Ohio EPA, Columbus, OH
Sin-Hoi Yam	Proctor & Gamble, Cincinnati, OH
James W. Hartings	Inland Division of General Motors, Dayton, OH

DECEMBER, 1978

Donald L. McDowell	Diamond Shamrock, Cleveland, OH

DOCTOR OF PHILOSOPHY IN CHEMICAL ENGINEERING

MARCH, 1978

Joseph L. Taraba	University of Kentucky, Louisville, KY

JUNE, 1978

Leslie L. Fishler	Oklahoma State University, Stillwater, OK
Johnny O. Wright	Amoco, Naperville, IL

(AUGUST, 1978 and DECEMBER, 1978 - No degrees granted)

Salary Offers for 1977-1978

Bachelor of Science

Job Offers	Salary Offers (under score is accepted salary)
5	1525, 1500, 1540, 1475, 1500
3	1475, 1468, 1600
4	1550, 1533, 1500, 1233
2	1515, 1525 (graduate school)
3	1510, 1525, 1525
3	1550, 1500, 1500
9	1550, 1575, 1500, 1475, 1542, 1575, 1430, 1550, 1550
4	1700, 1700, 1650, 1500
1	1700
1	1550
5	1542, 1542, 1542, 1500, 1500
5	1500, 1475, 1520, 1530, 1383
9	1650, 1675, 1650, 1550, 1600, 1475, 1470, 1550
3	1300, 1410, 1430
3	1425, 1473, 1425
2	1541, 1525
2	1233, 1560
1	1234
4	1520, 1560, 1520, 1440
2	1150, 1200
3	1420, 1500, 1465
6	1575, 1575, 1410, 1500, 1500, 1500
4	1575, 1575, 1550, 1525
4	1500, 1510, 1500, 1510
1	1500
1	1500
7	1620, 1500, 1650, 1550, 1490, 1550, 1500
5	1500, 1500, 1540, 1500, 1540
7	1550, 1508, 1500, 1525, 1525, 1500, 1517
4	1500, 1500, 1520, 1550
2	1500, 1470
3	1525, 1600, 1650

Master of Science

1	1850
3	1575, 1666, 1791
3	1825, 1700, 1750
2	1625, 1725
1	1600

Doctor of Philosophy

1	2100
2	1950, 2017
2	1800, 1500

College of Engineering
Distinguished Alumnus Award

HARVEY H. GRICE

Harvey H. Grice was named Emeritus Professor of Chemical Engineering, University of Missouri-Rolla in May, 1978. He attended The Ohio State University and received the Bachelor of Chemical Engineering degree in 1937. He stayed on as a graduate assistant and in 1938 and 1941 received the Master of Science and Doctorate degrees in Chemical Engineering with a dissertation covering the mechanism of crystallization in the industrial evaporation of sodium chloride brine, with Professor Withrow as adviser.

For a year he was project engineer for the General Foods Central Research Lab before joining the Army Chemical Corps, where he held the rank of Colonel. In 1946 he returned to General Foods as superinentdent of processing and power for the Diamond Crystal-Colonial Salt Division. He was promoted to technical assistant in 1942 and to plant manager in 1952.

For a time he was manager of manufacturing and engineering for the company's Gaines Division, then was named a manager for the Post Division. Leaving industry, he accepted the presidency of Graceland College, Lamoni, Iowa, a two-year liberal arts school. He directed the curriculum expansion and building program there and in a few years, the school had over 2000 students and was granting four-year bachelor degrees.

In 1964 Dr. Grice began teaching chemical engineering at the University of Missouri-Rolla where he was adviser to the American Institute of Chemical Engineers student chapter, winner of "outstanding" awards during six of the last seven years before he retired. He was named not only the university's "outstanding adviser of the year" in 1973 but also as "outstanding counselor" of the student chapters of AIChE by the national organization.

Dr. Grice is a Fellow of AIChE and a member of the American Society for Engineering Education, the American Chemical Society, and the Engineers Club of St. Louis. He also belongs to the honorary groups Tau Beta Pi, Phi Lambda Upsilon, Alpha Phi Omega, and Sigma Xi. He is, in addition, a member of both the National and Missouri Societies of Professional Engineers.

Anniversary Classes

Professor Zakin Welcomes Alumni & Friends to the Department

Professor Haering recognizing Anniversary Classes

Faculty & guests in Room 207

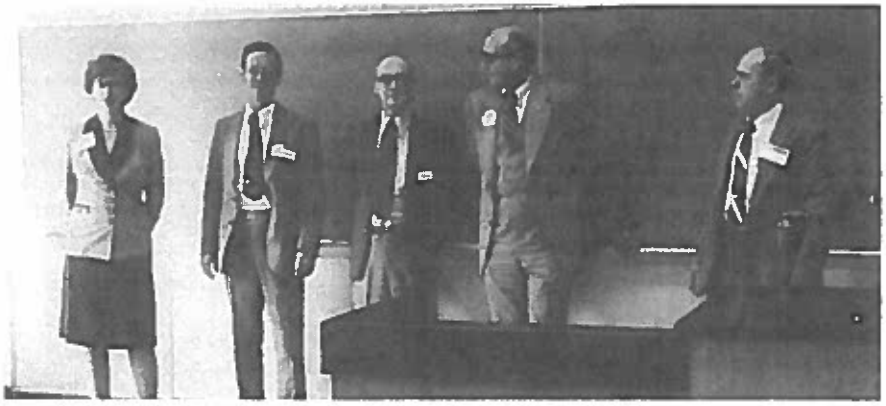
1918 - L. T. Capell

1923 - D.C. Butts, A. Schwensen, E.C. Henrickson

1928 - H.E. Wright

1938 - H.H. Grice, C.Fisher, R.W. Conaway, J.C. Cole, R.S. Radow, H.B. Warner, G.L.Wander.

1943 - J. R. Randall, H. T. Yee, P. K. Gaulke, T. E. Bieterman, E. E. Buxton, J. N. Mendiola, P. T. Whitmire, A. W. Lemmon, M. D. Cover, J. C. Wyncl, L. Skolnik, G. V. Wootton, R. E. Loftfield



1948 - J. Johnston, R. T. Scharenbert, G. P. Manos, G. R. Lewis, M. E. Hatten

1964 - Girish Parikh

1953 - R. T. Hewitt, D. E. Findlay, R. L. Huntington, J. V. Bishop, W. H. Casto, R. L. Briggs, R. A. Bates, R. L. Bighouse

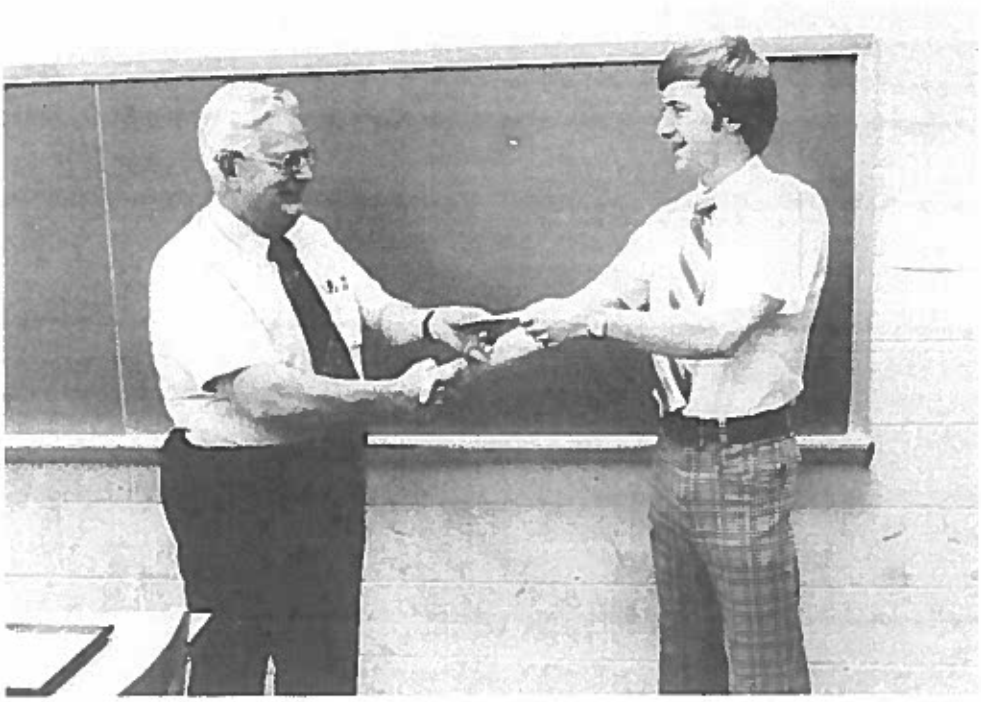
1968 - D. E. Smith

1958 - R. G. Savageau, E. H. McAdam

1978 - Branko Miteviski

Fellowship & Refreshments

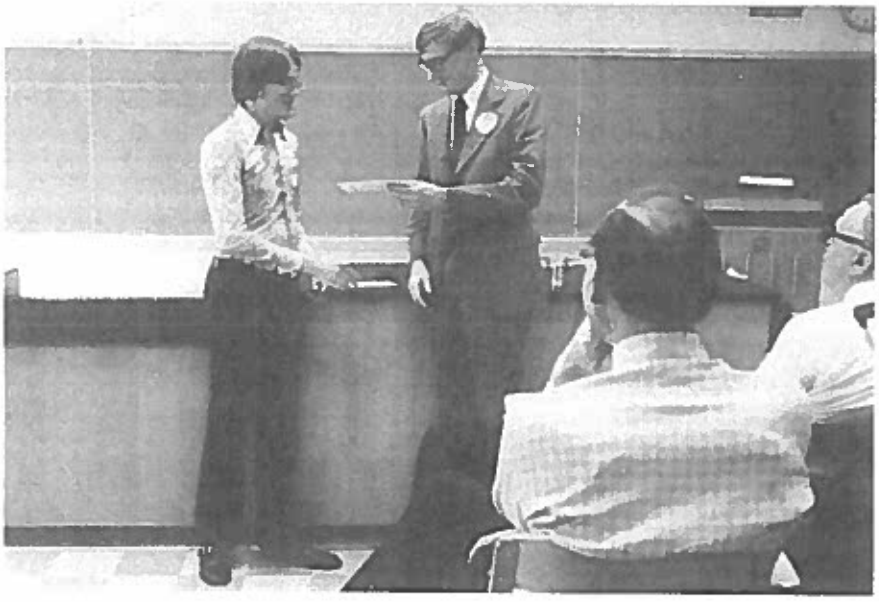
Student Awards



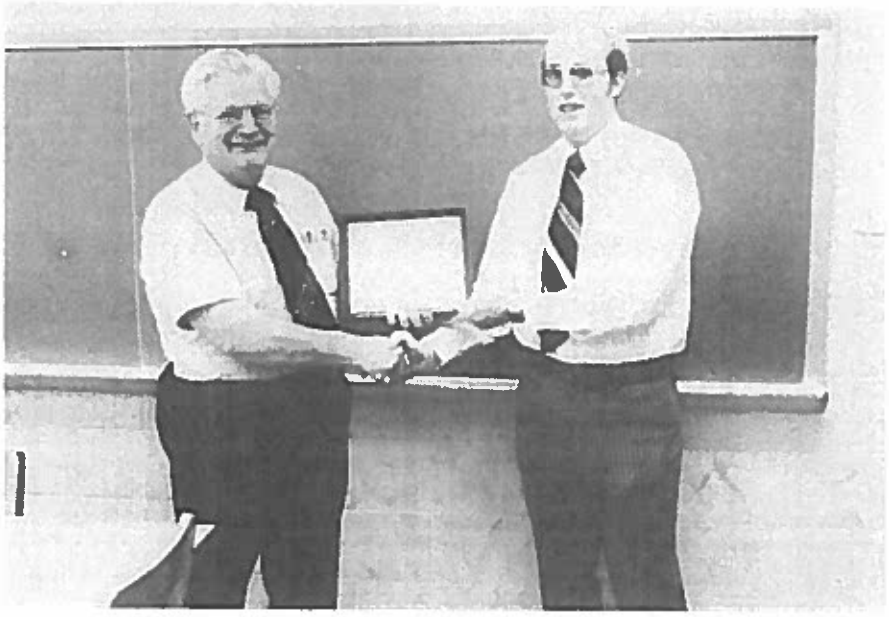
COS - AIChE Senior Award
Professor Lynn & Doug Brown

AIChE National Sophomore Award
Keith Wisecarver & Professor Lynn

American Institute of Chemists Award
Dan Coombs & Professor Brodkey



COS - AIChE Junior Award
Keith Wisecarver & Dave Fink



Professor Lynn presents
Student Regional AIChE
2nd Place Paper Award
to Dan Coombs

Professor Lynn returns
Ed Levine's Sophomore Award

The Ohio State University
Department of Chemical Engineering
140 West 19th Avenue
Columbus, Ohio 43210

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