

The University of Kansas School of Engineering

Chemical and Petroleum Engineering Department



Hall of Fame Awards

April 30, 2016

Honoring
Carlos Rocha

Chemical and Petroleum Engineering Hall of Fame

In 1996, The University of Kansas Department of Chemical and Petroleum Engineering established the Alumni Hall of Fame to honor its outstanding graduates. The goal of this award is to seek out individuals who have made important contributions to the Chemical or Petroleum Engineering professions, the Chemical and Petroleum Engineering Department, or the School of Engineering, or have been outstanding role models for current and future engineering students.

Each nominee is a graduate of the KU Chemical and Petroleum Engineering department, and has made noteworthy contributions to the theory or practice of engineering. Each have given substantial service to our profession, or the University of Kansas.

The Chemical and Petroleum Engineering department is proud of the remarkable contributions made by each Hall of Fame Recipient. We are honored by their commitments to excellence, and their presence this evening.

Carlos Rocha



2016 C&PE Hall of Fame Inductee

Dr. Carlos Rocha has had a productive professional career as a chemical engineer working in the biotechnology plant design and construction area since completing his doctorate in 1990. Carlos received his BS from Universidad Nacional de Mar del Plata (UNMP) in Argentina and his MS and PhD from University of Kansas. All of his degrees are in Chemical Engineering.

He served as Project Engineer and Project Manager on several large domestic and international client projects for Jacobs Engineering from 1990-2005. He joined Amgen in 2006 as Engineering Projects Director. At Amgen he established a project engineering group that covered all aspects of plant design, construction and start-up. He also directed all Amgen Colorado capital investments. Amgen's 2011 and 2012 capital investments exceeded \$100 M. In

2013 he moved to Baxter Inc. as Sr. Director of Engineering. Then in July, 2015 he became Head of Capital Programs for Baxalta, Inc. a spin-off company from Baxter. In this position he oversees a group that currently manages more than 30 capital projects having a value on the order of \$1.5 billion and an annual cash flow of \$600-\$700 million.

Carlos has been an active member of the CPE External Advisory Board since 1993, often serving as a leader on projects that benefit students and the Department. He served one term as Board Chair and during that term worked with the CPE Chair, focusing on issues such as Unit Operations Laboratory safety. He was a leader in the organization and for several years led the operation of the annual senior exit interviews, the results of which have been used to improve the undergraduate program and strengthen our ABET accreditation metrics. Throughout his service on the Board he has consistently been a strong proponent of programs and activities that benefit undergraduate students.

His community services include coaching youth soccer teams and a soccer special olympics team in Lawrence, KS. Additionally, he has served as volunteer and as member of the Board of Directors of HOPE, an organization in Colorado which serves the homeless population.

Carlos has been married for 38 years to Marta Rocha. They have three children and four grandchildren, the oldest one planning to attend KU next semester.

Because of his contributions as a practicing chemical engineer and his dedicated service to the University and CPE Department, Dr. Carlos Rocha is inducted into the 2016 CPE Hall of Fame.

The Chemical and Petroleum Engineering Hall of Fame

Inducted 1996

David R. Boylan, Jr. '43
(Iowa State Univ.)
B.S. Chemical Engineering

Paul Haney '33
(Black and Veatch)
B.S. Chemical Engineering

Charles R. Clark '68
(Conoco)
B.S. Chemical Engineering,

Roy M. Knapp '63,'69,'73
(University of Oklahoma)
B.S., M.S., Ph.D. Chemical Engineering

Joseph W. Davison '43
(Phillips Petroleum)
B.S. Chemical Engineering

Dale R. Laurance '71,'73
(Occidental)
B.S., M.S., Ph.D. Chemical Engineering

William C. Douce '42
(Phillips Petroleum)
B.S. Chemical Engineering

Paul M. Pancratz '55
(Dow Chemical)

B.S. Chemical Engineering

Thomas F. Edgar '67
(Univ. of Texas)
B.S. Chemical Engineering

James Russell
(Russell Petroleum)
B.S. Petroleum Engineering,

Inducted 1997

Stanley M. Englund '50
(Dow Chemical, Midland Engineering Ltd.)
B.S., Chemical Engineering,

William M. Nofsinger '55
(Nofsinger, Inc.)
B.S. Chemical Engineering,

George W. Swift '53,'57,'59
(Univ. of Kansas)
B.S., M.S., Ph.D. Chemical Engineering

Inducted 1998

Russell B. Mesler, '48
(Univ. of Kansas)
B.S. Chemical Engineering,

Charles E. Sturgeon, '51
(Vulcan Chemical Co.)
B.S. Chemical Engineering

Inducted 1999

Paul L. Hellman, '59
(Mobil Oil Co.)
B.S. Petroleum Engineering

Kyle D. Vann, '69
(Koch Industries)
B.S. Chemical Engineering

Inducted 2000

John A. Davis, '58, '63
(Marathon Oil Co.)
B.S., Ph.D. Chemical
Engineering

Robert H. Smith, '64, '70
(Black & Veatch-Pritchard)
B.S., M.S., Chemical
Engineering

Inducted 2002

Allyn W. Risley '72
(Phillips Petroleum Co.)
B.S. Petroleum Engineering

Inducted 2003

Linda Z. Cook, '80
(Shell Oil - Canada)
B.S., Petroleum Engineering

Linda S. Ellis, '78
(Exxon-Mobil)
B.S. Chemical Engineering

Inducted 2004

Christine Ehlig-Economides,
'77 (Univ. of Houston)
B.S. Petroleum Engineering

Michael J. Economides, '74,
'76 (Univ. of Houston)
B.S. Petroleum Engineering

Inducted 2006

Elmer L. Dougherty, '50
(Univ. of Southern California,
Maraco, Inc.)
B.S. Chemical Engineering

Inducted 2007

Stanley T. Myers, '60
(Semiconductor Equipment
and Materials International)
B.S., Chemical Engineering

Inducted 2009

Edmund H. Fording, JR, '59
(Synthetic Organic Chemical
Manufacturers Association)
B.S. Chemical Engineering

Frank Komin, '78
(Occidental Petroleum)
B.S. Petroleum Engineering

John E. McElhiney, '61 & '63
(20/20 Reservoir Resources)
B.S., M.S., Chemical
Engineering

Inducted 2010

Dawood M. Al-Dawood, '88
(Saudi Aramco)
B.S. Petroleum Engineering

Inducted 2011

Al Self, '43
(Allen Financial, Tioga
International)
B.S. Chemical Engineering

J. Bert Ladd, '49
(Ladd Petroleum Corporation)
B.S. Petroleum Engineering

J. T. (Tim) Hood, '62
(Lockheed Martin)
B.S. Chemical Engineering

Inducted 2012

Mark F. Heinrich, '79, '89
(Naval Supply Systems
Command (NAVSUP))
B.S., Petroleum Engineering,
M.S. Business Administration
and Petroleum Management

Lanny G. Schoeling, '83, '93
(Kinder Morgan CO₂
Company)
M.S., Ph.D., Chemical
Engineering

Inducted 2013

Kyle A. Mathis, '90
(Chevron Phillips Chemical
Company)
B.S., Chemical Engineering

Inducted 2014

James C. Remsberg, '57
(Conoco, Argent Energy)
B.S., Petroleum Engineering

Patrick R Oenbring, '74
(Hawkwood Energy, LLC)
B.S., Chemical Engineering

Inducted 2015

Lance Lobban, '81, '87
(University of Houston)
(CBME Chair, University of
Oklahoma)
B.S., Chemical Engineering
Ph.D., Chemical Engineering

David Zornes, '76
(Phillips, Conoco Phillips)
B.S. & M.S. Chemistry/Physics
Education (Emporia State)
M.S., Chemical Engineering