

## **KHALED A. M. GASEM**

Professor

University of Wyoming

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### **ACADEMIC BACKGROUND**

Ph. D., Chemical Engineering, Oklahoma State University (OSU), 1986

M. Sc., Chemical and Petroleum Refining Engineering, Colorado School of Mines, 1979

B. Sc., Chemical Engineering, University of California at Berkeley, 1976

### **MAJOR AREAS OF INTEREST**

Strategic Planning

Energy and Environmental Systems

Enhanced Oil and Gas Recovery

Phase Equilibria Thermodynamics

Molecular Design of Chemicals and Product Development

Process Engineering/Simulation and Optimization

### **PROFESSIONAL EXPERIENCE - Recent**

Professor, Departments of Chemical & Petroleum Engineering University of Wyoming,  
2014-present

Associate Vice President, University of Wyoming, 2013-2014

Regents Professor, Bartlett Chair and Head, School of Chemical Engineering, OSU,  
2013-2014

Interim Dean & Bartlett Chair, College of Engineering, Architecture & Technology, OSU,  
2011-2012

Professor, Bartlett Chair and Head, School of Chemical Engineering, OSU, 2008-2011

Amoco Chair, School of Chemical Engineering, OSU, 2003-2008

R. N. Maddox GPA Professor, School of Chemical Engineering, OSU, 1996-2003

Professor, School of Chemical Engineering, OSU, 1995-1996

Associate Professor, School of Chemical Engineering, OSU, 1991-1995

Assistant Professor, School of Chemical Engineering, OSU, 1987-1991

### **SUMMARY**

Dr. Gasem has been actively involved in chemical engineering research for over 30 years. His interests include *Phase Equilibria Thermodynamics*, *Molecular Design of Chemicals*, *Thermophysical Properties Modeling*, and *Process Engineering/Simulation and Optimization*

Dr. Gasem is author/co-author of over 200 publications and 200 presentations in his areas of interest. He is member of the American Institute of Chemical Engineers, the American Chemical Society, Phi Kappa Phi Honor Society, Omega Chi Epsilon Honor Society, and Tau Beta Pi Engineering Honor Society. He has received a number of honors and awards throughout his career.

His academic honors and awards include the Regents Professor (highest academic rank and honor at Oklahoma State University), and the Bartlett Chair. He was also honored and recognized by the oil and gas industry through the R. N. Maddox Gas Processors Professorship, the AMOCO Chair, and the Halliburton Award of Excellence.

Dr. Gasem has mentored / graduated over 65 scientists, engineers, and graduate students, including 13 visiting scholars and postdoctoral fellows, 24 PhD candidates, and 30 MS graduates.