

R. Bruce Eldridge

Degree Background

<u>Degree</u>	<u>Field</u>	<u>Institution</u>	<u>Date</u>
B.S.	Chemical Engineering	The University of Arkansas	1980
M.S.	Chemical Engineering	The University of Arkansas	1981
Ph.D.	Chemical Engineering	The University of Texas	1986

Academic Positions

The University of Texas at Austin	Senior Lecturer	1996-2009
The University of Texas at Austin	Distinguished Senior Lecturer	2009- present

Principal Publications of Last Five Years

R.F. Morrison, N. Lipscomb, P. Ginn, R. B. Eldridge, "Rhenium Oxide Base Olefin Metathesis", *Ind. Eng. Chem. Res.*, (53) pg. 19136, 2014.

M. Basden, R. B. Eldridge, J. Farone, E. Feng, D. S. Hussey, D. L. Jacobson, "Liquid Holdup Profiles in Structured Packing Determined via Neutron Radiography", *Ind. Eng. Chem. Res.*, (52) pg. 17263, 2013.

S. A. Owens, M R. Perkins, K.W. Schulz, R. A. Ketcham, R. B. Eldridge, "Computational Fluid Dynamic Simulation of Structured Packing" *Ind. Eng. Chem. Res.*, (52) pg. 2032, 2013.

R.E. Tsai, A.F.Seibert, R.B.Eldridge, and G.T. Rochelle, "A Dimensionless Model for Predicting the Mass Transfer Area of Structured Packing" *AIChE J.*, (57) pg. 1173-1183, 2011.

J. Chen, E.L. Rosen, C.W. Bielawski, R. B. Eldridge, "A Study of Cu(I)- Ethylene Complexation for Olefin-Paraffin Separation" *AIChE J.*, (57) pg. 630-644, 2011.

A. M. Kunjapur, R.B. Eldridge, " Review: Photobioreactor design for commercial biofuel production," *Ind. Eng. Chem. Res.*, (49) pg.3516 – 3526, 2010.

Scientific and Professional Societies

American Institute of Chemical Engineers (Fellow)

Institutional and Professional Service in the Last Five Years

Member AIChE EBPC 2012-2014

Meeting Program Co-chair AIChE Spring 2013 National Meeting

The University of Arkansas Academy of Chemical Engineering (2008) - Director (2010) - Chair (2012)