
A. Mohamed, , Jr. and D. M. Bastidas, "Effect of cations on the activity coefficient of NO₂⁻/NO₃⁻ corrosion inhibitors in simulated concrete pore solution: An electrochemical thermodynamics study", 110476 (2022).

H. Li, . and N. Leipzig, "Confirmation of Predicted Activity for Factor XIa Inhibitors from a Virtual High-Throughput-Screening Approach", , , 2741 - 2746 (2014).

D. Weis and . "Computer-Aided Molecular Design Using the Signature Molecular Descriptor: Application to Solvent Selection", 1018 - 1029 (2010)

P. Kannan, J. Biernacki and "Fast Pyrolysis Kinetics of Expanded Polystyrene Foam", , 1569 - 1577 (2009).

S. Swaminathan and

()
American Institute of Chemical Engineers

Education and Accreditation Committee, Commissioner to EAC (2020 – present)
Education Division, Vice-Chair (2010-12), Chair (2012-14), Future Faculty Chair (2016-18)
Group 4 (Education), Area 4a Chair (2008), Vice-Chair (2009 – 10)

American Society for Engineering Education

Faculty Teaching Excellence Task Force Chair (2020 – Present)
Chemical Engineering Division, Chair (2008), Summer School Organizing Committee (2012 – 2017)
University of Akron, Campus Representative (2011 – Present)
New Engineering Educators Division, Program Chair (2004), Chair (2005)
Southeastern Section, Technical Program Chair, Sectional Annual Meeting (2007)
Southeastern Section, Founding Chair, Chemical Engineering Division (2003)
Tennessee Technological University, Campus Representative (2000 – 2010)

Asst. Editor (2016 – 18), Assoc. Editor, (2018 – 19), Editor (2019 – Present)

< TTU Chapter, President (2005 - 06)

National Science Foundation, "Developing a National Framework for Recognition of Engineering and Engineering Technology Faculty Instructional Excellence" \$149,192 (6/21 – 5/23).

National Science Foundation, "
", \$742,356 (9/15 – 9/19).

National Science Foundation, "
- 6/ 15).", \$50,000 (1/14

x Ohio Board of Regents, "
\$2,600,000 (\$932,000 State; \$1,668,000 Industry) (1/13 – 6/14).",

American Chemical Society – Petroleum Research Fund, "
", \$80,000 (01/05 – 08/07).

~~File Chapter~~

(primary)
x Graduate (_____)