

## **Dr. Ed McMahon**

### **Education**

- Ph. D., Chemical Engineering, New York University, 1974
- M.E., Chemical Engineering, New York University, 1969
- B.S., Chemical Engineering, Rutgers University, 1965

### **Academic experience**

The University of Tennessee at Chattanooga, College of Engineering and Computer Science

- Professor Emeritus, 2015-Present
- Associate Dean, 1/2016-6/2016
- Interim Department Head Engineering Management and Technology and Associate Dean, 2014-2016
- Director, Industrial and Electrical Engineering, Engineering Management, 2002-2005
- Acting Director, Industrial and Engineering Management, 2001-2002
- Professor, 1991- 2015
- Associate Professor, 1984 - 1991

### **Non-academic experience**

- Product and Process Development Sonoco Products Company, Group Leader, 1974-1984
- Adhesives, Coatings and Resins, Sonoco Products Company, Group Leader,
- Engineering Development Group, Lever Bros. Co.- Research Center , Engineering Scientist, 1965-1974

### **Certifications or professional registrations**

State of Tennessee P.E. License (Retired) No. 20429

### **Current membership in professional organizations**

None – Inactive since retirement

### **Honors and awards**

College Lifetime Research Achievement Award 2015

### **Service activities (within and outside of the institution)**

Council of Academic Department Heads 2013-2015

**Briefly list the most important publications and presentations from the past five years**

- “From Product Development to Innovation”, McMahon, E.H, Insights –ASEM National Conference, October 2014
- “The Foundation for Innovation”, McMahon, E.H, Insights –ASEM National Conference, October 2013
- “Enhancing Participation in Hybrid Online/In-Class Project Courses”, McMahon, E.H, ASEM National Conference, October 2012
- “Encouraging Entrepreneurship at the Graduate and Undergraduate Level, McMahon”, E.H, ASEM National Conference, October 2011
- “Functional Analysis and Technology Transfer”, McMahon, E.H, Mada, Hema, Blaniu, Andra, ASEM National Conference, October 2010
- , “Doing the Right Thing – The Early Stages of Product Development”, McMahon, E.HASEM National Conference. October 2009
- “Value Engineering – How? And Why?” McMahon, E.H., SAVE International – 47<sup>th</sup> Annual Conference, May 2007
- “Zero Look” House-of-Quality and Concept Screening”, McMahon, E.H., SAVE International – 47<sup>th</sup> Annual Conference, May 2007
- “Toward Optimal Value in Product Design”, McMahon, E.H., Wan, William, SAVE International – 46<sup>th</sup> Annual Conference, June 2006

**Briefly list the most recent professional development activities**

- Quality Matters Certification 2018
- Building Web Applications in PHP - current