

**Name: William C. Strieder**

**Community Service:**

Board member of Michiana Alliance of Care (MAC) Food Bank  
Volunteer at MAC Food Bank  
Member of the Board and Treasurer of Notre Dame Association of Retired Faculty and Professional Staff

**Teaching:**

Taught Junior Transport Lab 2010-2011; 2011-2012; 2012-2013

**Publications Since Retirement in 2010:**

“Effects of Surface Rates for the Series Reaction A-B-C on Successive Spherical Sites”, W. Strieder, A. Sampson, and S. Saddawi, *Chemical Physics* 516, 160-167 (2019)

“Series Reactions A-B-C on Successive Spheres”, W. Strieder and S. Saddawi, *Chemical Physics* 473, 11-16 (2016)

“Knudsen Diffusion and Surface Trapping Rates in Slit, Capillary, and Spherical Pores”, W. Strieder and S. Saddawi, *Journal of Chemical Physics* 141, 124708-1-124708-4 (2014)

“Size Effects in Reactive Circular Site Interactions”, S. Saddawi and W. Strieder, *Journal of Chemical Physics* 136, 044518-1-044518-8 (2012)

“Effects of Electrostatic Potential and Shape on Diffusion-Controlled Reaction at an Elliptic Site”, W. Strieder, *Journal of Chemical Physics* 134, 044529-1-044529-7 (2011)

**Edited Books:**

Diffusion and Connection in Porous Catalysts ed with I.A. Webster, American Institute of Chemical Engineers (1988) 99 pp.

**Coauthored books:**

Variational Methods Applied to Problems of Diffusion and Reaction, Coauthored with R. Aris, Springer-Verlag (1973) 111 pp

**Academic Lecturing and Conference Presentations:**

**Awards and Honors:**

Listed in Marquis **Who's Who in America** and Awarded Lifetime Achievement Award