

**Stephen M. Budy**  
Mountain View College  
4849 W. Illinois Ave.  
Email: *sbudy@dcccd.edu*

### Education

Southern Methodist University, Dallas, TX 75275  
Ph.D. in Chemistry (*expected 2019*)  
University of Arizona, Tucson, AZ 85721  
M.S. in Materials Science & Engineering  
Humboldt State University, Arcata, CA 95521  
B.S. in Chemistry and Computer Science  
Bakersfield College, Bakersfield, CA 93305  
A.S. in Physics and Mathematics

### Awards and Honors

**2017** – Graduate Student Travel Grant, Southern Methodist University  
**2015** – Lazenby Graduate Award  
**2012** - Graduate and Professional Student Council (GPSC) Travel Grant  
**2012** - National Science Foundation (NSF) and Royal Society of New Zealand (RSNZ) East Asia and Pacific Summer Institutes (EAPSI) Fellowship  
**2011** - Innovations in Fuel Cycle Research Award, U.S. Department of Energy, Office of Nuclear Energy, Office of Fuel Cycle Technologies  
**2011** - Visiting Graduate Research Program, U.S. Air Force Academy, Department of Chemistry  
**2010** - Institute of the Environment Graduate Travel Award  
**2010** - Arizona Chemistry & Biochemistry (CBC) Poster – 1<sup>st</sup> place, Physical Science division  
**2008** - University of Arizona Underrepresented Diversity Fellowship  
**2007** - Co-authored Investment Company Institute (ICI) Graduate Student Award in Applied Polymer Science finalist (ACS PMSE Division)  
**2007** - Hispanic Engineer National Achievement Awards Conference (HENAAC) Scholarship

### Publications (Highlighted in Particular Field)

4. Bassampour, Z. S.; Budy, S. M.; Son, D. Y. “Degradable Epoxy Resins Based on Bisphenol A Diglycidyl Ether and Silyl Ether Amine Curing Agents.” *J. Appl. Polym. Sci.* **2017**, *134*(12), 44620-44628. (**FRONT COVER**)
3. Jennings, A. R.; Budy, S. M.; Thrasher, C. J.; Iacono, S. T. “Synthesis of Fluorinated Silica Nanoparticles Containing Latent Reactive Groups for Post-synthetic Modification and Tunability for Tunable Surface Energy.” *Nanoscale* **2016**, *8*, 16212-16220. (**BACK COVER**)
2. Budy, S. M.; Loy, D. A. “Highly Sulfonated Polyelectrolytes Through Friedel–Crafts Sulfonation of Polyarylenes.” *J. Polym. Sci., Part A: Polym. Chem.* **2014**, *52*, 1381-1384. (**FRONT COVER**)
1. Budy, S. M.; Nichol, G. S.; Loy, Douglas A. “2,2", 3,3",4,4",5,5"-Octaphenyl-1,1':4'1"-terphenyl and 2',3',5',6'-tetrafluoro-2,2",3,3",4,4",5,5"-octaphenyl-1,1':4',1"-terphenyl.” *Acta Cryst.* **2012**, *C68*, o23-o27. (**FRONT COVER**)

### Affiliations

Society of Plastics Engineers (SPE), American Society for Testing and Materials (ASTM), Society for the Advancement of Material and Process Engineering (SAMPE), American Chemical Society (ACS) (POLY, PMSE, and FUEL division), Optical Society of America (OSA), Materials Research Society (MRS)