

KEVIN E. SHUMAN

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Wesley College

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Professional Preparation

Undergraduate institution	Wesley College	Biology	B.S. 2009
Graduate institution	University of Delaware	Biological Sciences	Ph.D. 2016
Postdoctoral institution	Wesley College	STEM	2016

Appointments

Year(s)	Title
2016	Adjunct STEM Faculty, Wesley College, Dover, DE
2017	Assistant Director of STEM Initiatives, Wesley College, Dover, DE

Products

Five Products Most Closely Related to the Proposed Project:

1. D'Souza, M.J.; **Shuman, K.E.**; Omondi, A.O.; Kevill, D.N. Detailed Analysis for the Solvolysis of Isopropenyl Chloroformate, *European Journal of Chemistry*, **2011**, 2, 130-135
2. D'Souza, M.J.; **Shuman, K.E.**; Carter, S.E.; Kevill, D.N. Extended Grunwald-Winstein Analysis – LFER Used to Gauge Solvent Effects in p-Nitrophenyl Chloroformate Solvolysis, *International Journal of Molecular Sciences*, **2008**, 9, 2231-2242

Five Other Significant Products:

1. **Shuman, K.E.**; Hanson, T.E. A Sulfide:Quinone Oxidoreductase from *Chlorobaculum tepidum* displays unusual kinetic properties, *FEMS Microbiology Letters*, **2016**, 363, 1-8, doi:10.1093/femsle/fnw100
2. Biswas, K.C.; Barton, L.L.; Tsui, W.L.; **Shuman, K.E.**; Gillespie, J.; Eze, C.S. A Novel Method for the Measurement of Elemental Selenium Produced by Bacterial Reduction of Selenite, *Journal of Microbiological Methods*, **2011**, 86, 140-144

Synergistic Activities

1. **Development** of group study sessions for STEM courses where tutors are not available. Study sessions are co-organized by the Department of Academic Support (Wesley College, Dover, DE).
2. **Research Mentor** to 3 STEM undergraduates working on projects in environmental microbiology and supported by the NSF EPSCoR Program.
3. **STEM at Wesley College** booth at the Delaware STEM Makerfest (Dover Public Library, Dover, DE). STEM majors from Wesley College talked about their experiences in the STEM programs at Wesley College with K-12 students and their parents.
4. **Cannon Scholars Program Administrator** at Wesley College.
5. **Excellent Graduate Teaching Assistant in Biological Sciences Nominee**, Department of Biological Sciences, University of Delaware, 2015.