

**COLLEGE OF HEALTH SCIENCES ACCOMPLISHMENTS
2015-2016**

Summary:

Podium Presentations:

- **Delgado, M.** and McClendon, K. Designing Curriculum for a Service Learning Course. WSCUC Academic Resource Conference, Anaheim, CA. 2016. Podium
- McWilliams, L.; **Valley, N.**; Richmond, G. Toward Understanding Interfacial Behavior of Multi-Component Environmental Systems. *Natl. Meet. – Am. Chem. Soc., Div. Phys. Chem.* **2016**, PHYS 348. Podium

Poster Presentations:

- Gordon, B.; Richmond, G.; **Valley, N.** Methodology Improvements for Calculation of Vibrational Sum-Frequency Spectra of Aqueous Organic Interfaces. *Natl. Meet. – Am. Chem. Soc., Div. Phys. Chem.* **2016**, PHYS 379. Poster
- Chiang, J., Yun, S., **Brown, H.**, and McDonald, K. Evaluating Metacognitive Awareness and Self-Evaluation Skills in Introductory Molecular Biology Students. CSU Program for Education and Research in Biotechnology Symposium, January 2016.
- Hom, A., Dubina, M., Su, J., Kim, E., Schrader, T., Milani, T., and **Brown, HM.** Biology Education to Careers (BETC): A Replicable Model to Improve Career Pathways for Students in STEM. CSU Program for Education and Research in Biotechnology Symposium, January 2016; and WSCUC Academic Resource Conference, April 2016.
- Su, J., Kim, E., Schrader, T., Milani, T., and **Brown, HM.** Membrane traffic regulation along the axon superhighway: using *C. elegans* as a model for neurodegenerative disease. CSU Program for Education and Research in Biotechnology Symposium, January 2016.
- Tran, A., Nguyen, D., Deng, G., Tran, H., Ubhoff, J., Prioriello, J., Kimura, M., Tatarian, S., Hassell, K., **Porter-Fraser, C.** Limited Access of Nonprescription Syringes A Missed Public Health Opportunity. WCPE Conference, April 2016.

Papers:

- D. H. Meyer, B. X. H. Fu and W.D. Heyer. 2015 DNA Polymerases δ and λ Cooperate in Repairing Double-Strand Breaks by Microhomology Mediated End-joining in *Saccharomyces cerevisiae*. PNAS, 112(50): E6907–E6916, doi:10.1073/pnas.1507833112 . Paper
- M. McVey, V. Y. Khodaverian, **D. H. Meyer**, P. G. Cerqueira and W. D. Heyer. 2016 Eukaryotic DNA Polymerases in Homologous Recombination. Annual Review of Genetics, Vol. 50: in press.
- **Moczydlowski, E. G.** 2016. On the natural and unnatural history of the voltage-gated Na⁺ channel. Current Topics in Membranes 78: pp. xx-xx. <http://dx.doi.org/10.1016/bs.ctm.2016.06.002> (in press) Paper
- McWilliams, L. E.; **Valley, N. A.**; Wren, S. N.; Richmond, G. L. A Means to an Interfaces: Investigating Monoethanolamine Behavior at an Aqueous Surface. *Phys. Chem. Chem. Phys.* **2015**, *17*, 21458-21469. Paper
- **Valley, N. A.**; Richmond, G. L. Solvation Station: Microsolvation for Modeling Vibrational Sum-Frequency Spectra of Acids at Aqueous Interfaces. *J. Phys. Chem. C* **2016**, *120*, 14122-14129. Paper
- **Herrera, C.**; Blair, J. Predicting Success in Nursing Programs. *Research in Higher Education Journal*. V. 28, May 2015, <http://www.aabri.com/manuscripts/152164.pdf>.

Grants:

- **True, P.** CalPOST-BAC Health Careers Training Program \$100,000. Grant for the PMPB Program.
- **Brown, H., Meyer, D., Valley, N., Whitcome, K., and Wostenberg, C.** Interdisciplinary Science Learning and Novel Discovery (ISLaND). \$9,500. National Science Foundation CUREnet - Travel Award for the National Academies Special Topics Summer Institute on CUREs at the Texas Institute for Discovery Education in Science (TIDES).