Honors Theses

Foster, M. 2016. Inducing the Production of Secondary Metabolites in *Bacillus megaterium* with Alternative

Growth Environments and Gene Manipulation. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Jones, C. 2106. Carbon Black-induced Death in Human Lung Cells. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Longo, A. 2106. Synthesis and Characterization of Five-Coordinate Aluminum Complexes that Polymerize L-Lactide and e-Caprolactone. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

McCollum, A. 2016. Structural Isomers of Aluminum Ketoiminate Complexes and Copolymerization of L-Lactide and E-Caprolactone. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Smith, H. 2016. Comparison of Downstream Cell Survival Responses in HUVEC’s and HLEC’s during VEGF Signaling. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Gonzales, J. 2015. Making Sense of Animal Genome Size and Standards. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Heckle, T. 2015. Sympatholysis of Rat Soleus Feed Arteries. Honors Thesis in Sports Medicine. Pepperdine University, Malibu, California.

Li, A. 2105. An improved Method of Tetrodotoxin Determination by High performance Liquid Chromatography Coupled with Fluorescence Detection Applied to TTX Levels in the California Newt. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Manes, B. 2015. Nanoparticle-induced Stress Signaling in Lung Cells. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Schmitz, L. 2015. Synthesis and Spectroscopic and Crystallographic Characterization of Aluminum Ion Pair Complexes that Act as Ring Opening Polymerization Initiators for L- and racemic-lactide. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Slattery, R. 2015. Homopolymerization and Copolymerization of L-Lactide and e-Caprolactone by Bios-

Ligated Magnesium Complexes. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Stucky, T. 2105. Linkage between Leaf Mechanical Strength and Physiological Traits in California Chaparral.

Honors Thesis in Biology. Pepperdine University, Malibu, California.

Kass, G. 2014. Delivery and Pitch Type Alter Ground Reaction Forces in Baseball Pitching. Honors Thesis in Sports Medicine. Pepperdine University, Malibu, California.

Brereton, K. 2013. Development of sample preparation methods for the determination of saccharides in dairy and soy products and heavy metals in sea water. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Candalore, T. 2013. The Effect of ER stress on GAPDH Activity. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Scholl, A. 2013. Moderate Endoplasmic Reticulum (ER) Stress Induces a Unique Unfolded Protein Response (UPR) and an ITPR Dependent Apoptosis. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Perrualt, D. 2013. Genetic Variation in Island and Mainland Population of Chaparral. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Boundy, T. 2013. Characterization of Volatile Aldehydes in Library Air. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Gerling, K. 2013. Synthesis and Structures of *Bis*‐Ligated Zinc Complexes Supported by Tridentate Ketoiminesthat Initiate L‐lactide Polymerzation. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

DeForest, J. 2012. Environmental analysis of a biflavonoid inhibitor of seed germination from the primeval conifer *Araucaria columnaris*. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Rezayee, N. 2012. Synthesis and structures of tridentate ketoiminate zinc complexes bearing trifluoromethyl substituents that act as L‐lactide ring opening polymerization catalysts. Honors Thesis in Chemistry. Pepperdine University, Malibu, California.

Hwang, C. 2011. Investigating mechanisms of color polymorphism in the Pacific tree frog (*Pseudacris regilla*). Honors Thesis in Biology. Pepperdine University, Malibu, California.

Murphy, L. 2011. Stress‐induced proteolysis of FKBP10: mutational analysis and functional implications. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Smith, B. 2009. Genetic and morphological variation in island and mainland populations of the chaparral species, *Ceanothus megacarpus*. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Esch, E. 2008. Cellular stress activates the proteolytic destruction of FKBP65. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Jang, J. 2008. The mysterious destruction of HERP, an orphan proteasome‐associated protein. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Merwin, L. 2008. Correlating genetic divergence and the life history type in two species of Santa Monica and San Gabriel chaparral. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Rowan, N.R. 2008. Comparative hydraulic transport properties between two different life history types of southern California chaparral. Honors Thesis in Biology. Pepperdine University, Malibu, California.

Scott, J. 2008. IRE1 signaling between the endoplasmic reticulum and the nucleus. Honors Thesis in Biology. Pepperdine University, Malibu, California.