**2017** (\*Undergraduate Student)

Aguirre, NM\*, and ME Ochoa\*. 2017. Severe dieback in a keystone chaparral species in the Santa Monica Mountains is associated with unprecedented drought in Southern California. Poster Presented at 21st Annual Posters on the Hill, Washington D.C.

Averill, A.\*, S. Kern\*, and S. Lin\*. 2017. Understanding the influence of dietary folic acid as a biomarker of Down syndrome with measurement of key regulatory enzymes and metabolites in the methylation pathways of folate synthesis, using a cognitive mouse model Ts65Dn Presented at Food and Nutrition Conference and Exhibition, Boston, MA.

Blayney, M. B.\*; Mikaliunaite, L.\*, D. B. Green. 253rd National Meeting of the American Chemical Society, San Francisco, CA “Microwave-assisted synthesis of SBD-F derivatives for the HPLC-FLD determination of four biological aminothiols” April 2017.

Jablonksi, L. M.\*, and D. B. Green. 253rd National Meeting of the American Chemical Society, San Francisco, CA “Analytical- and preparative-scale isolation of oleandrin from Nerium oleander using microwave-assisted extraction coupled with purification using supported-metal ion solid phase extraction resins” April 2017.

Bryant, S.\*and L. Jablonski\*. Molecular Cloning of the FabB and FabH Enzymes in E. coli Bacteria. Pepperdine University Undergraduate Research Symposium, Malibu, CA (March 24, 2017)

Goosherst, K. J.\*, D. B. Green, and J. M. Fritsch. Synthesis and characterization of hyper-coordinate silicon complexes 253rd American Chemical Society National Meeting, San Francisco, CA (April 2, 2017).

Ortiz, C. D.\*, A. M. Longo\*, J. M. Fritsch, and B. P. Wilson. Computational study of the mechanistic effect of fluorine groups on the ring-opening polymerization of ε-caprolactone with Al-centered catalysts. American Chemical Society National Meeting. April, 2017

Sacenti, D.\*, A. Yoon\*, N. Behrens\*, and J. B. White “One-pot dialkylation of cycloalkanones and their ring-closing metathesis to make bridged bicyclic compounds”;, Seaver College Research and Scholarly Achievement Symposium, March 24, 2017.

Sacenti, D.\*, A, Yoon\* and J. B. White “One-pot dialkylation of cycloalkanones and their ring-closing metathesis to make bridged bicyclic compounds”, 253rd American Chemical Society National Meeting, San Francisco, California, April 3, 2017.

Sytsma, T.\*, A. Li\*, and J. Ganske, "Generation of nitrosyl and nitryl halides using heterogeneous reaction chemistry." American Chemical Society National Meeting, San Francisco, 2017.

Sanderson, S.\* 2017. Investigating the Spatial Effects of Severe Drought on a California Newt Population. Presented at the Joint Mathematics Meetings, Atlanta, GA, January 2017.

Sanderson, S.\* 2017. Investigating the Spatial Effects of Severe Drought on a California Newt Population. Presented at the Seaver College Research and Scholarly Achievement Symposium, Malibu, CA, April 2017.

Jones, M.\* 2017. A Discrete Stage-Structured Model of California Newt Population Declines Due to Severe Drought. Presented at Women in Mathematics in Southern California, Los Angeles, CA, February 2017.

Jones, M.\* 2017. A Discrete Stage-Structured Model of California Newt Population Declines Due to Severe Drought. Presented at the Seaver College Research and Scholarly Achievement Symposium, Malibu, CA, April 2017.

Jones, M.\* 2017. A Discrete Stage-Structured Model of California Newt Population Declines Due to Severe Drought. Presented at the Joint Mathematics Meetings, Atlanta, GA, January 2017.

Ruiz, B.\*, Tienda, M.\*, Taylor, V.\*& MacRae, P. Zum Up: Building a healthier community through Zumba dance. Seaver College Research and Scholarly Achievement Symposium, March 24, 2017.

Yarbrough, A.\* and K.L.M. Martin. 2017. The Effects of Increased Air and Water Temperatures on the Embryonic Development and Hatching Success of the California Grunion. Presented at the Joint Meeting of Ichthyologists and Herpetologists, Austin, TX, July 2017.

**2016** (\*Undergraduate Student)

Duff\* J.D., LaFerney\*B.K., Jones\* C.Y., McClatchey P.M., and JL Brewster. 2016. Carbon Black Exposure Induces Alterations in Mitochondrial Morphology in Human Lung Cells: A Software-Based Quantitative Analysis. Presented at American Society for Cell Biology Annual Meeting, San Francisco, CA.

Duff\* J.D., LaFerney\*B.K., Jones\* C.Y., McClatchey P.M., and JL Brewster. 2016. Carbon Black Exposure Induces Alterations in Mitochondrial Morphology in Human Lung Cells: A Software-Based Quantitative Analysis. Presented at Southern California Conference for Undergraduate Research, University of California Riverside.

Jones, M.\* 2016. A Discrete Stage-Structures Model of California Newt Population Declines Due to Severe Drought. Presented at Southern California Conferences for Undergraduate Research, Riverside, CA, November 2016.

Jones, M.\* 2016. A Discrete Stage-Structured Model of Newt Population Dynamics in Santa Monica Mountain Streams During a Period of Drought. Presented at MathFest, Columbus, OH August 2016.

Marxen, T.\*, Dietz, B.\* & MacRae, P. Functional Interval Training (FIT) to optimize mental and physical function in older adults. Southwest Regional Meeting, American College of Sports Medicine (SWACSM), Costa Mesa, CA, October, 2016.

McNerney, L.M.W.\*, H. den Bakker\*, R. Punnusamy, K. Summath, and S. Moghadam. 2016. Urine levels of MHPG in the Ts65Dn mouse model of Down Syndrome: A reliable biomarker for central norepinephrinergic system degeneration. Presented at Stanford Medical School, Neurosciences Institute Symposium, October 2016.

Ortiz, C. D.\*, and B. P. Wilson, Effect of electron withdrawing groups on the ring-opening polymerization of ε-caprolactone. American Chemical Society Southwest Divisional Meeting. November, 2016.

Pierce\*, E. R., K. L. Martin, and V. V. Quach\*. 2016. The Median Size of Grunion Runs is Decreasing at Beaches in Los Angeles County. Western Society of Naturalists 100th Annual Meeting, Monterey, CA.

Ruiz, B.\*, Tienda, M.\*, Taylor, V.\*, Borruso, L., De Luca, E., & MacRae, P. Zum Up: Building a healthier community through Zumba dance. Southwest Regional Meeting, American College of Sports Medicine (SWACSM), Costa Mesa, CA, October, 2016.

Sanderson, S.\* 2016. Investigation the Spatial Effects of Severe Drought on a California Newt Population. Southern California Conferences for Undergraduate Research, Riverside, CA, November 2016.

Sanderson, S.\* 2016. Investigation the Spatial Effects of Severe Drought on a California Newt Population. Presented at MathFest, Columbus, OH, August 2016.

Sauer\*, K.E., and K.L. Martin. 2016. Hatching success of California grunion, Leuresthes tenuis, in response to increased temperature and decreased sand humidity. Southern California Conferences for Undergraduate Research. November, Riverside, CA.

Scott\*. L.M., and K.L. Martin. 2016. Yolk supply and consumption at two temperatures of the California grunion. Southern California Conferences for Undergraduate Research. November, Riverside, CA.

Shelley\*, C.E. and K.L. Martin. 2016. Progression of activity and predator avoidance in California Grunion larvae. Southern California Conferences for Undergraduate Research. November, Riverside, CA.

Yarbrough\*, A. and K. L. M. Martin. 2016. Potential Effects of Climate Change on Embryonic Development of California Grunion. Western Society of Naturalists 100th Annual Meeting, Monterey, CA.

**2015** (\*Undergraduate Student)

Bryant, Shane\*; Joyner, P. Matthew. Inhibition of the bacterial fatty acid biosynthetic enzyme FabI by secondary metabolites isolated from Artemisia californica. 249th American Chemical Society National Meeting and Exposition, Denver, CA (March 23, 2015)

Byrd, M.\*, M. Kaak\* and J. Ganske. 2015. Mechanistic aspects of the photocatalytic peroxidation of squalene on TiO2. CHED ORG. Presented at 2015 National American Chemical Society Meeting, Denver, CO.

Hieromnimon, Mark\*; Joyner, P. Matthew. Isolation of Antibacterial Compounds from Artemisia californica. Pepperdine University Undergraduate Research Symposium, Malibu, CA (April 3, 2015)

Johnson, TA\*, A. Scholl, Z. Coffman\*, T Vandergon, JL Brewster. 2015. Inhibition of ER Ca2+ release or the p38 SAPK inhibits UPR signaling and apoptosis activation during moderate ER stress. Presented at 2015 Alpha Chi National Convention, Chicago, Illinois.

Johnson, TA\*, A. Scholl, Z. Coffman\*, T Vandergon, JL Brewster. 2015. Inhibition of ER Ca2+ release or the p38 SAPK inhibits UPR signaling and apoptosis activation during moderate ER stress. Presented at The National Conferences on Undergraduate Research, Cheney, Washington.

Kaak, M.\* and J. Ganske. 2015. TiO2 mediated photooxidation of squalene: A kinetic and mechanistic study. PHYS. Presented at 2015 National American Chemical Society Meeting, Denver, CO

Kaak, M.\* and J. Ganske. 2015. TiO2 mediated photooxidation of squalene: A kinetic and mechanistic study. Presented at Seaver College Undergraduate Research & Scholarly Achievement Symposium, Malibu, CA, April 2015.

Lee, E.\*, Turner, D., Broeder, C., Lundstam, P., MacRae, H. Effect of Cardiac Autonomic Balance During Sleep on Elite Cycling Performance Following Fatiguing Exercise. Presented at national meeting of the American College of Sports Medicine, San Diego, CA., May 2015.

Li, A.\*; L. Jablonski\*; D.B. Green. 249th National Meeting of the American Chemical Society, Denver, CO, “Solid-phase extraction using new divalent metal ion-loaded cation exchange resins and application to the isolation of oleandrin from Nerium oleander” March 2015.

Li, A.\*; L. Jablonski\*; D.B. Green. Symposium of the Undergraduate Research Program, Pepperdine University, “Solid-phase extraction using new divalent metal ion-loaded cation exchange resins and application to the isolation of oleandrin from Nerium oleander” March 2015.

Longo, A.M.\*; Fritsch, J.M. Synthesis and characterization of five-coordinate aluminum complexes that polymerize ϵ-caprolactone. 249th American Chemical Society National Meeting, Denver, CO (March 22, 2015).

Mann, D.\* and T. Lucas. 2015. An Individual-Based Model of Chaparral Vegetation Response to FrequentWildfires Presented at the Pacific Coast Undergraduate Mathematics Conference, California

Lutheran University.

Mann, D.\*, R. Doña\*, and T. Lucas. 2015. An Individual-Based Model of Chaparral Vegetation Response to Frequent Wildfires. Presented at Joint Mathematics Meetings, San Antonio, TX, January 2015.

McCollum, A.M.\*, A.M. Longo\*, K.J. Goosherst\*, L.M. Jablonski\*, M.L. Kaak\*, A. Li\*, D.G. Sacenti\*, D.B. Green, Joseph M. Fritsch 249th National Meeting of the American Chemical Society, Denver, CO, “Non-Newtonian Fluids as a Student Affiliates Chapter Event: Chemistry, Logistics, and Outreach” March 2015.

McCollum, A.M.\*; Rheingold, A.L., Fritsch, J.M. Polymerization of ϵ-caprolactone by aluminum alkoxide complexes supported by tridentate ketoiminates bearing electron-withdrawing groups. 249th American Chemical Society National Meeting, Denver, CO (March 22, 2015).

Min, J.E.\*; L. Kim; D.B. Green. American Chemical Society Southern California Undergraduate Research Conference in Chemistry and Biochemistry, San Diego, CA, “Chemical Analysis of Boba Milk Tea and Implications for Obesity Risk” April 2015.

Pierce\*, E.R. 2015. Human Predation Affects Grunion Spawning Events.Presented at Seaver College Undergraduate Research & Scholarly Achievement Symposium, Malibu, CA, April 2015.

Ruzich, J.\*; D.B. Green. American Chemical Society Southern California Undergraduate Research Conference in Chemistry and Biochemistry, San Diego, CA, “Determination of Selected Heavy Metals in Black and Green Teas from Asia and Japan after Microwave-Assisted Digestion” April 2015.

Schmitz, L.A.\*; Rheingold, A.L.; Green, D.B., Fritsch, J.M. 249th National Meeting of the American Chemical Society, Denver, CO, “Polymerization of lactide by aluminum ion pairs studied with 27Al NMR” March 2015.

Schmitz, L.A.\*; Rheingold, A.L.; Green, D.B., Fritsch, J.M. Symposium of the Undergraduate Research Program, Pepperdine University, “Polymerization of lactide by aluminum ion pairs studied with 27Al NMR” March, 2015.

Schmitz, L.A.\*; Rheingold, A.L., Green, D.B., Fritsch, J.M. Polymerization of lactide by aluminum ion pairs studied with 27Al NMR. 249th American Chemical Society National Meeting, Denver, CO (March 22, 2015).

Slattery, R.M.\*; Rheingold, A.L., Fritsch, J.M. L-Lactide and ϵ-caprolactone ring opening polymerization by binary catalysts systems that include bis-ligated magnesium complexes. 249th American Chemical Society National Meeting, Denver, CO (March 22, 2015).

Whited, T.\*; L. Kim; S. Whaley. 2015. Using an “app” for online nutrition education with participants in the Special Supplemental Nutrition Program for Women, Infants and Children (WIC). Presented at Experimental Biology Meeting, Boston, MA, March 2015.

Wright\*, F. Christian. 2015. Preserving the Ecology of Sandy Beaches. Seaver College Undergraduate Research & Scholarly Achievement Symposium, Malibu, CA, April 2015.

Zhao, Luojie\*; Joyner, P. Matthew. 2015. Enzymatic reduction of a ketone for college-level organic chemistry courses using alcohol dehydrogenase. 249th American Chemical Society National Meeting and Exposition, Denver, CA (March 23, 2015)

 **2014** (\*undergraduate student)

Burns, A\*, Dario, H\*, Davis, S.D., Venturas, M., MacKinnon E., Brandon Pratt R., and Jacobsen, A.L.. 2014. Differential survival among chaparral species in response to California’s 2014 historic drought. Medecos XIII, Conference on Mediterranean-type Ecosystems. Central Chile, October, 2014.

Chin, J.J.\*, D.L. Land\*, S.R. Jasperse\*, and J.L. Jasperse 2014.  Mechanisms for reactive and sustained pressure dilation. *FASEB J.* 677.4, 2014.  Presented at Experimental Biology National Meeting, San Diego, CA  April 2014.

Gillespie, B\* , S.D. Davis, and J. Pittermann. 2014. Leaf mechanical strength corresponds to tissue water relations in twelve species of California ferns. Presented at the 99th Annual Meeting Ecological Society of America in Sacramento, CA. Abstract PS 57-129.August 20, 2014.

Gribble, Matthew D\*.; Green, David B.; Ganske, Jane A. 2014. “Determination of volatile carbonyl compounds in university weight room air using passive sampling” Presented at 247th National Meeting of the American Chemical Society, Dallas, TX, March 2014.

Harvey, J.\*, Condrey, T.\*, Cheah, B.\*, Tseng, A.\*, McDowell, A\*., Hunt, C.\*, Trammell, J., & MacRae, P.G.  March, 2014. Steps walked is positively correlated with reasoning and memory in older adults. Presented at Seaver College Undergraduate Research Presentations, Pepperdine University.2014

Heckle, T.J.\* and J.L. Jasperse 2014. The effect of shear stress, potassium, adenosine and acidosis on α-1 adrenergic vasoconstriction of rat soleus feed arteries. *FASEB J.* 1170.14, 2014. Presented at Experimental Biology National Meeting, San Diego, CA, April 2014.

Heckle, T.J.\* and J.L. Jasperse 2014. The effect of shear stress, potassium, adenosine and acidosis on α-1 adrenergic vasoconstriction of rat soleus feed arteries. *FASEB J.* 1170.14, 2014. Presented at Experimental Biology National Meeting, San Diego, CA, April 2014.

Holmlund, H.I.\*, Pittermann J., and Davis, S.D. 2014. Relationship between dehydration tolerance of California ferns and the mechanical strength of their stripes. Presented at the 99th Annual Meeting Ecological Society of America in Sacramento, CA. . Abstract PS 57-123. August 21, 2014.

Lander, D\* 2014, Supervised STM Image Segmentation of Self-Assembled Molecule Layers, Presented at the Joint Mathematics Meetings, Baltimore, MD,  January 17, 2014. Outstanding Poster Award Winner.

A. Li\*, G.M. Bucciarelli, L.B. Kats, D.B. Green 2014. “Reduced sample size and improved extraction and recovery of tetrodotoxin from the California newt, T. torosa, with quantitation by HPLC-FLD” Presented at the 247th National Meeting of the American Chemical Society, Dallas, TX, March 2014.

Lin, J. \* 2014. Contagion Models of Emergency Airplane Evacuations, Presented at the Joint Mathematics Meetings, Baltimore, MD, January 17, 2014. Outstanding Poster Award Winner.

Mann, D.\* 2014, An Individual-Based Model of Chaparral Vegetation Response to Frequent Wildfires, *MAA Mathfest*, Portland, OR, August 8, 2014.

McCollum, A.M.\*; Rheingold, A.L., Fritsch, J.M.  Synthesis of ketoimines with electron-withdrawing substituents for use in aluminum complexes. Presented at the 247th American Chemical Society National Meeting, Dallas, TX, March 16, 2014.

Ordog, E\* 2014. Inversions on Polynomials. Presented at MathFest 2014, Portland, Oregon, August 8, 2014.

Ramirez, A.\*, Helms, A.\*, Davis, S., Pratt B., Jacobsen A., Ewers F., Venturas M., and MacKinnon, E. 2014. Limits in the resilience of chaparral to severe drought. Presented at the 99th Annual Meeting Ecological Society of America in Sacramento, CA. Abstract OOS 5-3. August 21, 2014.

Schmitz, L.A.\*; Rheingold, A.L., Fritsch, J.M. 2014 Synthesis and characterization of bis-ligated aluminum complexes for the polymerization of lactide. Presented at 247th American Chemical Society National Meeting, Dallas, TX, March 16, 2014.

Tandon, S\* 2014.  Inversion Polynomials and Tribonacci Tableaux. Presented at MathFest 2014, Portland, Oregon, August 8, 2014.

**2013** (\*undergraduate student)

Allison, B.\* 2013. Identification of antibacterial chemical compounds from Native American medicinal plants. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Boundy, T.I.\*, D.B. Green, and J.A. Ganske. 2013. Determination of volatile aldehydes in university library air using passive sampling. Presented at 245th American Chemical Society National Meeting, New Orleans, LA, April 7‐11, 2013.

Brereton, K.R.\*, A.L. Rheingold, D.B. Green, and J.M. Fritsch. 2013. Synthesis of magnesium complexes with electron‐donating ketoiminates for the polymerization of L‐lactide. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Brereton, K.R.\*, A.L. Rheingold, D.B. Green, and J.M. Fritsch. 2013. Synthesis of magnesium complexes with electron‐donating ketoiminates for the polymerization of L‐lactide. Presented at 245th American Chemical Society National Meeting, New Orleans, LA, April 7‐11, 2013.

Broadwell, A.\* 2013. A generating function for inversions on pattern avoiding involution. Presented at Joint Mathematics Meeting, San Diego, CA, January 9‐12, 2013.

Chin, J.\*, D. Land, and J. Jasperse. 2013. Mechanisms causing myogenic and reactive dilation in rat soleus feed arteries. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Carrington, A.\*, Knight, L. \*, A. French\*, R. Barker\*, and S.D. Davis. 2013. The effect of dirt accumulation on light absorption in the banana leaf (*Musa* sp.). Presented at the Southern California Conferences for Undergraduate Research. Abstract PSI-23. Whittier College on November 23, 2013.

Land, D., J. Chin\*, and J. Jasperse. 2013. Integrins and mechanosensitive ion channels in reactive dilation. Presented at Loyola Marymount University Undergraduate Research Symposium, Los Angeles, CA, March 23, 2013.

Fitzgerald, G.\*, G. Smith\*, and D. Thompson. 2013. Cardiovascular health of young adults: A comparative study. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Fitzgerald, G.\*, G. Smith\*, and D. Thompson. 2013. College student health in US and Argentina. Presented at Claremont Graduate University, Student Research Conference, Claremont Graduate University, Claremont, CA, January 25, 2013.

Fitzgerald, G.\*, G. Smith\*, and D. Thompson. 2013. Heart disease risk among college students. Presented at 27th National Conference on Undergraduate Research, La Crosse, WI, April 11‐13, 2013.

Fleming, M\*; Joyner, P. Matthew 2013.  Extracts of *Trichostema lanatum* inhibit the growth of gram-positive bacteria and an *Escherichia coli* ΔtolC mutant strain.  Presented at the Southern California Conference on Undergraduate Research, Whittier, CA, November 23, 2013.

Gerling, K.A.\*, A.L. Rheingold, and J.M. Fritsch. 2013. Polymerization of L‐lactide with bis‐ligated zinc complexes. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Gerling, K.A.\*, A.L. Rheingold, and J.M. Fritsch. 2013. Polymerization of L‐lactide with bis‐ligated zinc complexes. Presented at 245th American Chemical Society National Meeting, New Orleans, LA, April 7‐ 11, 2013.

Hester, V\*; Joyner, P. Matthew 2013.  Immunomodulatory Activity of *Sambucus mexicana* and *Trichostema lanatum* on LPS Stimulated RAW 264.7 Macrophage Cells. Presented at the Southern California Conference on Undergraduate Research, Whittier, CA, November 23, 2013.

Holmlund, H.I.\*, and Davis, S.D.. 2013. Variation in mechanical strength of ferns in the Santa Monica and Santa Cruz Mountains. 102nd Annual Technical Meeting of Oklahoma Academy of Science, Cameron University. Abstract Botany-A8

Jiang, W.\*, C. Seubert, N. Webster\*, C. Willens, and T. Lucas. 2013. Spatial simulations of chaparral in response to frequent wildfires. Presented at Joint Mathematics Meetings, San Diego, CA, January 9‐12, 2013.

Jiang, W.\*, and D. Thompson. 2013. The impact of international programs on student mental development. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Jiang, W.\*, and N. Webster\*. 2013. Spatial simulations of chaparral in response to frequent wildfires. Presented at Joint Mathematics Meetings, San Diego, CA, January 9‐12, 2013.

Jiang, W.\*, and N. Webster\*. 2013. Spatial simulations of chaparral in response to frequent wildfires. Presented at Pacific Coast Undergraduate Mathematics Conference, California State Polytechnic University, Pomona, Pomona, CA, March 16, 2013.

Jiang, W.\*, and N. Webster\*. 2013. Spatial simulations of chaparral in response to frequent wildfires. Presented at Joint Mathematics Meetings, San Diego, CA, January 9‐12, 2013.

Kang, D.\*, Choe, H. \*, Marchiano, M. \*, and Davis, S.D.. 2013. Presented at the Southern California Conferences for Undergraduate Research. Abstract PS2-15. Whittier College on November 23, 2013.

Lekson, V.\*, Davis, S.D., and Dent, L. 2013. Influence of temperature on the tensile strength of spider silk (Araneus gemmoides). Presented at the Southern California Conferences for Undergraduate Research. Abstract PS3-11. Whittier College on November 23, 2013.

Murray, N.\*, J. Brewster, and J. Jasperse. 2013. Distribution of alpha adrenergic receptors in the arteriolar network of the gastrocnemius. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Oliver\* M., and R. L. Honeycutt. 2013. DNA microsatellite variation in the coyote ceanothus (*Ceanothus ferrisiae*). Oral presentation at the Annual Meeting of the Southern California Conferences for Undergraduate Research, Whittier College, November 23, 2013.

Purcar, E.\*, and D. Thompson. 2013. College student identity and emotional intelligence. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Purcar, E.\*, C.L. Miller‐Perrin, and D. Thompson. 2013. College student identity and emotional intelligence. Presented at 27th National Conference on Undergraduate Research, La Crosse, WI, April 11‐ 13, 2013. (Accepted but student presenter was unable to make the trip.)

Schmitz, L.A.\*, K. Gerling\*, J.M. Fritsch, and D.B. Green. Combining FTIR spectroscopy and the Vernier GC for the analysis of a binary mixture: A general chemistry investigation. Presented at 245th American Chemical Society National Meeting, New Orleans, LA, April 8, 2013.

Stephens, P.\*, J. Brewster, and J. Jasperse. 2013. Connexin 43 expression in rat gastrocnemius circulation. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

Stucky, T.S.\*, N.M. Rodriguez\*, and S. Davis. 2013. Leaf mechanical properties and leaf hydraulics among three life history types in California chaparral. Presented at 98th Annual Ecological Society of America Meeting, Minneapolis, MN, August 4‐9, 2013.

Stucky, T.\*, Rodriquez-Purcell, N. \*, and Davis, S.D.. 2013. Leaf mechanical strength predicts physiological traits among three life history types in California chaparral. Presented at the Southern California Conferences for Undergraduate Research. Abstract PS2-42. Whittier College on November 23, 2013.

Thornton, J.\* 2012. A combinatorial representation of pattern avoiding involutions. Presented at Joint Mathematics Meeting, San Diego, CA, January 9‐12, 2013.

Zhang, H.\*, J. Coulter\*, and J.B. White. 2013. Further studies in the ring‐closing metathesis of 2,6‐ disubstituted cyclohexanones and their transannular cyclization. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, April 4, 2013.

**2012** (\*undergraduate student)

Allison, B.\*, M. Allenby\*, and **P.M. Joyner**. 2012. Rapid identification of natural products with enhanced therapeutic potential from Chumash medicinal plants. Presented at 243rdAmerican Chemical Society National Meeting, San Diego, CA, March 27, 2012.

Boundy, T.\*, D. Green, and J. Ganske. 2012. Determination of volatile aldehydes in university library air. Presented at 243rdAmerican Chemical Society National Meeting, San Diego, CA, March 25‐29, 2012.

Boundy, T.\*, D. Green, and J. Ganske. 2012. Determination of volatile aldehydes in university library air using passive sampling. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Broadwell, A.\* 2012. A generating function for inversions on pattern avoiding involution. Presented at MathFest 2012, Madison, WI, August 2‐4, 2012.

Carter, M.R.\*, E.J. Gray\*, N.L. Rawicki\*, and J.L. Jasperse. 2012. Role of the skeletal muscle pump in exercise onset hyperemia in the human forearm. Presented at Experimental Biology 2012 National Meeting, San Diego, CA, April 21‐25, 2012.

Chin, J.\*, D. Land, and J. Jasperse. 2012. Mechanisms causing myogenic and reactive dilation in rat soleus feed arteries. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Land, D., J. Chin\*, and J. Jasperse. 2012. Integrins and mechanosensitive ion channels in reactive dilation. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Corbett, C.\*, and S.D. Davis. 2012. Photosynthetic capacity and its implications for the competitive ability of *Ceanothus megacarpus, Ceanothus crassifolius and Rhamnus californica.* Presented at Ecological Society of America 97th Annual Meeting, Portland, OR, August 5‐10, 2012.

Chin, J.\*, S.R. Jasperse\*, and J.L. Jasperse.  Mechanisms causing myogenic and reactive dilation in rat soleus feed arteries. Presented at the Southern California Conference on Undergraduate Research, Whittier College, November 23, 2013.

DeForest, J.\* and P.M. Joyner. 2012. Environmental analysis of biflavonoid inhibitors of seed germination from *Araucaria columnaris* (Cook Pine). Presented at 243rdAmerican Chemical Society National Meeting, San Diego, CA, March 29, 2012.

Del Rio, S.\*, and S. Davis. 2012. Leaf hydraulics and biomechanical strength of two evergreen species of chaparral shrubs in the family Rhamnaceae. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Fitzgerald, G.\*, G. Smith\*, L.B. Kats, D. Thompson, and J. Herrera Paz. Cardiovascular health of young adults: A comparative study. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Fuller, N.\* and J. Ganske. 2012. The differentiation of cotton and linen paper in rare books using solid phase microextraction‐gas chromatography/mass spectrometry. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Galstyan, A.\*, B. Fisher, and T. Lucas. 2012. The role of iPads in constructing collaborative learning spaces. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Gerling, K.A.\*, A.L. Rheingold, and J.M. Fritsch. 2012. Synthesis and characterization of bis‐ligated zinc complexes with tridentate ketoiminate ligands. Presented at 243rdAmerican Chemical Society National Meeting, San Diego, CA, March 27, 2012.

Gerling, K.A.\*, A.L. Rheingold, and J.M. Fritsch. 2012. Synthesis and characterization of bis‐ligated zinc complexes with tridentate ketoiminate ligands. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Gray, E.J.\*, M.R. Carter\*, and J.L. Jasperse. 2012. Mechanisms responsible for reactive dilation in soleus feed arteries. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Gray, E.J.\*, M.R. Carter\*, and J.L. Jasperse. 2012. Mechanisms responsible for reactive dilation in soleus feed arteries. Presented at Experimental Biology 2012 National Meeting, San Diego, CA, April 21‐25, 2012.

Heckle, T.J.\* and **J.L. Jasperse**. The effect of shear stress, potassium, and adenosine on α-1 adrenergic vasoconstriction of rat soleus feed arteries. Southern California Conference on Undergraduate Research, Whittier College, November 23, 2013.

Horton, M.\*, J.L. Jasperse, and J.B. Brewster. 2012. Connexin expression in the arterial tree of rat gastrocnemius and soleus muscles. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Ishibashi C.D.\*, Perrault, D.\*, S.R. Ratay, P.J. Dixon, Honeycutt, R.L., and S.D. Davis. 2012. Patterns of genetic variation in island and mainland populations of *Ceanothus* chaparral. Presented at 8th California Islands Symposium, Ventura, CA, October 23‐26, 2012.

Jiang, W.\*, and N. Webster\*. 2012. Spatial simulations of chaparral in response to frequent wildfires. Presented at Applied Mathematics REU Final Presentations, University of California, Los Angeles, August 8, 2012.

Jiang, W.\*, and N. Webster\*. 2012. Spatial simulations of chaparral in response to frequent wildfires. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Johns, G.\*, W. Jiang\*, and T. Lucas. 2012. Chaparral population models in response to wildfires. Presented at Joint Mathematics Meetings, Boston, MA, January 5, 2012.

Johns, G.\*, W. Jiang\*, and T. Lucas. 2012. Chaparral population models in response to

wildfires. Presented at 7th Annual Pacific Coast Undergraduate Mathematics Conference, California State Polytechnic University, Pomona, CA, March 10, 2012.

Johns, G.\*, W. Jiang\*, and T. Lucas. 2012. Chaparral population models in response to

wildfires. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Liao, J.\*, A. Nakahara\*, A. Sokolova\*, G. Bucciarelli, and L.B. Kats. 2012. Activated carbon absorption of tetrodotoxin. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Liao, J.\*, N. Novella\*, C. Sutter\*, and L.B. Kats. 2012. The effects of stream flow on invasive New Zealand mudsnail, *Potamopyrgus antipodarum*, dispersal. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Lim, A.\*, T. Vandergon, and D. Nofziger Plank. 2012. A flow cytometry investigation into the effect of Sema3a on the angiogenic signaling cascase of VEGF‐A. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Lim, A.\*, T. Vandergon, and D. Nofziger Plank. 2012. A flow cytometry investigation into the effect of Sema3a on the angiogenic signaling cascase of VEGF‐A. Presented at American Society for Cell Biology Annual Meeting, San Francisco, CA, December 16‐18, 2012.

LoJacono, C.\*, K. Fertala, Z. Miller, D. Willems, M. Anderson, H. MacRae, and P. MacRae. 2012. The effects of 8 weeks of exercise training, CrossFit® versus active control, on power and endurance in young adults. Presented at the 31st Annual Meeting of the Southwest Chapter of The American College of Sports Medicine, Newport Beach, CA, October 19‐20, 2012.

Manes, B.\*, S. Alvarado, and J.L. Brewster. 2012. Nanoparticle accumulation in human alveolar cells induce reactive oxygen species and ER stress signaling. Presented at American Society for Cell Biology Annual Meeting, San Francisco, CA, December 16‐18, 2012.

Manes, B.\*, and J.L. Brewster. 2012. Carbon black and titanium dioxide particulates differentially activate ER stress and apoptosis in alveolar epithelial cells. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Ortiz, M.\*, R.L. Honeycutt, L. Kats, and S. Warford. 2012. Excel‐based approach for information retrieval and analysis of population data from the California newt, *Taricha torosa*. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Perrault, D.R.\*, C.D. Ishibashi, S.R. Ratay, S.D. Davis, P.J. Dixon, and R.L. Honeycutt. 2012. Genetic variation in island and mainland populations of chaparral. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Ishibashi C.D.\*, Perrault, D.\*, S.R. Ratay, P.J. Dixon, Honeycutt, R.L., and S.D. Davis. 2012. Patterns of genetic variation in island and mainland populations of *Ceanothus* chaparral. Presented at 8th California Islands Symposium, Ventura, CA, October 23‐26, 2012.

Powell, J.A.\* and K.L. Martin. 2012. Beach bacteria, kelp wrack, and ecosystem health. Presented at The Southern California Academy of Sciences Annual Meeting, Occidental College, Eagle Rock, CA, May 4‐5, 2012.

Rawicki, R.L.\*, E.J. Gray,\*, M.R. Carter\*, and J.L. Jasperse. 2012. Role of BKCa in endothelium‐dependent dilation of soleus feed arteries. Presented at Experimental Biology 2012 National Meeting, San Diego, CA, April 21‐25, 2012.

Rezayee, N.M.\* and J.M. Fritsch. 2012. Polymerization of L‐Lactide with zinc phenoxide complexes supported by tridentate ketoiminates bearing trifluoromethyl substituents. Presented at 243rdAmerican Chemical Society National Meeting, San Diego, CA, March 27, 2012.

Rezayee, N.M.\* and J.M. Fritsch. 2012. Polymerization of L‐Lactide with zinc phenoxide complexes supported by tridentate ketoiminates bearing trifluoromethyl substituents. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Rhem, B.\*, J. Coulter\*, A. Uhrinak, and J.B. White. 2012. Formation of bicyclo[8.3.1]dodec‐4‐en‐12‐one via ring‐closing metathesis and determination of relative stereochemistry of the product from its transannular cyclization. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 29, 2012.

Ritzke, A.\*, M. Deneen, E. Aven, B. Romeo\*, M. Anderson, and P. MacRae. 2012. The effects of 8 weeks of exercise training, CrossFit® versus active control, on executive function and working memory in young adults. Presented at the 31st Annual Meeting of the Southwest Chapter of The American College of Sports Medicine, Newport Beach, CA, October 19‐20, 2012.

Sauer, R.\*, and T.L. Vandergon. 2012. Genomic and genetic comparisons in three species of Rhamnaceae on and off serpentine soil. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Scholl, A.\*, A. Osborne\*, E. Lumley, J. Scott, and J.L. Brewster. 2012. Moderate ER stress induces p44/p42 kinase activation and an ITPR‐dependent apoptosis. Presented at American Society for Cell Biology Annual Meeting, San Francisco, CA, December 16‐18, 2012.

Scholl, A.\*, A. Osborne\*, E. Lumley, J. Scott, A. Vargas\*, and J.L. Brewster. 2012. Moderate ER stress induces p44/p42 kinase activation and an ITPR‐dependent apoptosis. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Smith, B.A.\*, S.D. Davis, R.L. Honeycutt, and T.L. Vandergon. 2012. Genetic and morphological variation in island and mainland populations of the chaparral species, *Ceanothus megacarpus*. Presented at 8th California Islands Symposium, Ventura, CA, October 23‐26, 2012.

Stucky, T.S.\*, and S.D. Davis. 2012. A comparison of leaf mechanical strength and water relations among three life history types in California chaparral. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Thompson, C.\*, and L.B. Kats. 2012. Construction of caddisfly (Trichoptera) cases, and potential benefits of leaf cases. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Thornton, J.\* 2012. A combinatorial representation of pattern avoiding involutions. Presented at MathFest 2012, Madison, WI, August 2‐4, 2012.

Van Loon, A.\*, and D. Nofziger Plank. 2012. The effect of the notch signal pathway on the expression of matrix metalloproteinase 2 and tissue inhibitor of metalloproteinase 2 in lymphangiogenesis. Presented at Southern California Conferences for Undergraduate Research, California State University Channel Islands, Camarillo, CA, November 17, 2012.

Whitaker, L.\*, and D.M. Strong. 2012. An analysis of seat location, viewing angle and price in the Rose Bowl Stadium. Presented at Presented at Joint Mathematics Meetings, Boston, MA, January 5, 2012

**2011** (\*undergraduate student)

Acquah‐Asare, S.\*, M. Horton\*, J. Brewster, and J. Jasperse. 2011. Connexin isoform expression in rat skeletal muscle. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Allenby, M.\*, and T. Lucas. 2011. Self‐exciting point process models of gang violence. Presented at Joint Mathematics Meetings, New Orleans, LA, January 6‐9, 1011.

Allenby, M.\*, and T. Lucas. 2011. Self‐exciting point process models of gang violence. Presented at Pacific Coast Undergraduate Mathematics Conference, Loyola Marymount University, Los Angeles, CA, March 12, 2011.

Barnett, B.R.\*, and J.M. Fritsch. 2011. Synthesis of zinc complexes with sterically‐bulky tridentate NNO Schiff bases ligands. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Barnett, B.R.\*, and J.M. Fritsch. 2011. Synthesis of zinc complexes with sterically‐bulky tridentate NNO Schiff bases ligands. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27, 2011.

Brereton, K.R.\*, and D.B. Green. 2011. Isolation of saccharides in dairy and soy products by solid‐phase extraction coupled with analysis by ligand‐exchange chromatography. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27‐31, 2011.

Carter, M.R.\*, E.J. Gray\*, and J.L. Jasperse. 2011. Role of potassium channels in mediating endothelium‐ dependent dialation. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Carter, M.R.\*, E.J. Gray\*, H.D. Lee\*, and J.L. Jasperse. 2011. Potassium channel role in EDHF‐induced dilation of soleus feed arteries from sedentary and short‐term exercise trained rats. Presented at Experimental Biology National Meeting, Washington, DC, April 9‐13, 2011.

de Quilettes, D.W.\*, and J.A. Ganske. 2011. Determination of NOx in indoor library air using passive sampling. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

de Quilettes, D.W.\*, and J.A. Ganske. 2011. Using passive sampling to quantify Nox in library air and SPME‐GC/MS to survey volatile aldehydes. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27‐31, 2011.

Deneen, M.\*, J. Owens\*, and P.G. MacRae. 2011. The effects of acute exercise on executive function in healthy middle‐aged adults. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Fritsch, J.M., C.C. Roberts\*, N.M. Rezayee\*, and B.R. Barnett\*. 2011. Zinc complexes with ketoiminate ligands bearing pendant donors as lactide ring opening polymerization catalysts. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27, 2011.

Fuller, N.J.\*, and J.A. Ganske. 2011. Paper degradation in rare books: A comparison of hydrolytic and oxidative pathways. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27‐31, 2011.

Fuller, N.J.\*, and J.A. Ganske. 2011. The aging of rare books: A 400 year examination: A comparison of hydrolytic and oxidative chemistry. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Gallington, K.\*, C. Geraths\*, E. Allinson\*, P. Begin, S. Stone Watt, and C.D. Perkins. 2011. Health behaviors, health beliefs, health outcomes and acculturation in a postpartum Hispanic population. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Gerling, K.A.\*, and J.M. Fritsch. 2011. Synthesis and characterization of NNO Schiff base ligands and bis‐ ligated zinc complexes. Presented at American Chemical Society Western Regional Meeting, Pasadena, CA, November 11, 2011.

Gray, E.J.\*, and J.L. Jasperse. 2011. Pressure dependence of reactive and agonist‐induced dilation. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Gray, E.J.\*, M.R. Carter\*, and J.L. Jasperse. 2011. Pressure dependence of reactive and agonist‐induced dilation. Presented at Experimental Biology National Meeting, Washington, DC, April 9‐13, 2011.

Hwang, C.\*, and R.L. Honeycutt. 2011. Spectral analysis of color polymorphism in Pacific tree frogs (*Pseudacris regilla*). Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Ishibashi, C.\*, A. Shaver\*, D. Perrault\*, S. Ratay, R.L. Honeycutt, and S.D. Davis. 2011. Analysis of genetic variation between populations of *Ceanothus megacarpus* in the Santa Monica Mountains of Southern California. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Johns, G.\*, and T. Lucas. 2011. Chaparral population models in response to wildfires. Presented at Pepperdine University, Mathematics Department Tuesday Tea Talk, Malibu, CA, March 12, 2011.

Johns, G.\*, W. Jiang\*, and T. Lucas. 2011. Chaparral population models in response to

wildfires. Presented at Southern California Conferences for Undergraduate Research, Mt. San Antonio College, Walnut, CA, November 19, 2011.

Kaczrowski, D.\*, and T.L. Vandergon. 2011. Genome sizes measured by flow cytometry differ among species of *Ceanothus*. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Kaneakua, I.N.\*, S.D. Davis, B.A. Bergman\*, and F.W. Ewers. 2011. Shifts in hydraulic and mechanical properties of stem xylem during post fire recovery of the chaparral shrub *Heteromeles arbutifolia*.

Presented at Southern California Academy of Sciences Annual Meeting, California State Polytechnic University, Pomona, CA, May 6‐7, 2011.

Kern, D.\*, and D.M. Strong. 2011. Fast approximation of derivatives using Taylor series and Vandermonde matrices. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

McCormick, L.H.\*, and D.B. Green. 2011. Application of the gallium‐modified bismuth film electrode to the anodic stripping voltammetric analysis of some marker metals in gunshot residue. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

McCormick, L.H.\*, S.C. Davis\*, T.R. Townsend\*, and D.B. Green. 2011. Application of the gallium‐ modified bismuth film electrode to the anodic stripping voltammetric analysis of some marker metals in gunshot residue. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27‐31, 2011.

Martin, K.L., K.J. Bailey, C.L. Moravek, and K.A. Carlson\*. 2011. Taking the plunge: How do California grunion embryos respond so quickly to sudden changes in the environment? Physiology of the response to hatching triggers for a teleost fish. Presented at Society of Integrative and Comparative Biology Annual Meeting, Environmentally Cued Hatching Across Taxa Symposium, Salt Lake City, UT, January 307, 2011.

Miguelino, M.\*, and D.B. Green. 2011. Analysis of copper ion in a recreational harbor by anodic stripping voltammetric analysis utilizing the gallium‐modified bismuth film electrode. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Miguelino, M.\*, and D.B. Green. 2011. Survey analysis of copper ion in a recreational harbor by anodic stripping voltammetric analysis utilizing the gallium‐modified bismuth film electrode. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27‐31, 2011.

Perkins, C.D., S. Dunn, K. Gallington\*, and K. Carlson\*. 2011. Gestational weight gain relative to Institute of Medicine recommendations in Hispanic women. American College of Sports Medicine 58th Annual Meeting and 2nd World Congress on Exercise is Medicine, Denver, CO, May 31‐June 4, 2011.

Perrault, D.\*, C. Ishibashi\*, and R.L. Honeycutt. 2011. Introgressive hybridization between subgenera of chaparral on Santa Catalina Island. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Rausch, R.\*, A. Vest\*, C. Byrne\*, and K.L. Martin. 2011. Isolation and purification of hatching enzyme and implications for the hatching mechanism in California grunion. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Rezayee, N.M.\*, and J.M. Fritsch. 2011. Synthesis and characterization of zinc alkoxide complexes bearing electron withdrawing groups that polymerize L‐lactide. Presented at American Chemical Society Western Regional Meeting, Pasadena, CA, November 11, 2011.

Rezayee, N.M.\*, and J.M. Fritsch. 2011. Synthesis of zinc complexes with assymetric NNO Schiff bases bearing electron withdrawing groups. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 28, 2011.

Roberts, C.C\*, and J.M. Fritsch. 2011. Zinc complexes with NNO Schiff base ligands bearing quinolyl pendant donors as lactide ring opening polymerization catalysts. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Roberts, C.C.\*, D.B. Green, and J.M. Fritsch. 2011. Zinc complexes with NNO Schiff base ligands bearing quinolyl pendant donors as lactide ring opening. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27, 2011.

Webster, N.\*, and B. Fisher. 2011. Student understanding of multivariable limits. Presented at Pepperdine University, Undergraduate Research Banquet, Malibu, CA, March 24, 2011.

Williams, D.J.\*, D.B. Green, and J.M. Fritsch. 2011. Photolysis of a mixed arene iron complex monitored with absorbance spectroscopy and cyclic volammetry. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 28, 2011.

Williams, D.J.\*, D.B. Green, and J.M. Fritsch. 2011. Photolysis of a mixed arene iron complex monitored with absorbance spectroscopy and cyclic volammetry. Presented at 241st American Chemical Society National Meeting, Anaheim, CA, March 27‐31, 2011.