

**External Poster Presentations** (Presenting authors are denoted with an \*. Cal Poly undergraduates are underlined.)

Completed at California Polytechnic State University

- 51) Wilborn, E. G.\*, Gregory, C. M., Page, T. M., Costanzo, P. J. “Controlling polymer solubility with Diels-Alder chemistry and LCST.” American Chemical Society: New Orleans, LA. 19 MAR 2018. **Selected for Sci-Mix Presentation.**
- 50) Schoch, T. D.\*, Martinez, M. R., Meyersohn, M. S., Markmann, M. R., Costanzo, P. J. “Molecular weight changing polymers via Diels-Alder chemistry” American Chemical Society: San Francisco, CA 4 APR 2017.
- 49) Meyersohn, M. S.\*, Markmann, M. R., Costanzo, P. J. “Inversion of molecular topology and composition using Diels-Alder chemistry.” American Chemical Society: San Francisco, CA 4 APR 2017.
- 48) Schoch, T. D.\*, Martinez, M. R., Meyersohn, M. S., Markmann, M. R., Costanzo, P. J. “Molecular weight changing polymers via Diels-Alder chemistry” American Chemical Society: San Francisco, CA 3 APR 2017. **Selected for Sci-Mix Presentation.**
- 47) Meyersohn, M. S.\*, Markmann, M. R., Costanzo, P. J. “Inversion of molecular topology and composition using Diels-Alder chemistry.” American Chemical Society: San Francisco, CA 3 APR 2017. **Selected for Sci-Mix Presentation.**
- 46) Morgan, S. E, Aubrecht, K. B., Berda, E. B., Cavicchi, K. A., Costanzo, P. J., Gabriel, G. J., Goh, C. Goh, S. L., Iacono., S. T., Savin, D. A. “Online resources for the polymer education community.” American Chemical Society: San Diego, CA. 15 MAR 2016.
- 45) Morgan, S. E, Aubrecht, K. B., Berda, E. B., Cavicchi, K. A., Costanzo, P. J., Gabriel, G. J., Goh, C. Goh, S. L., Iacono., S. T., Savin, D. A. “Online resources for the polymer education community.” American Chemical Society: San Diego, CA. 14 MAR 2016. **Selected for Sci-Mix Presentation.**
- 44) Barcus, K. S.\*, Crenshaw, E. D., Markmann, M. R., Costanzo, P. J. “Incorporation of Diels-Alder chemistry into polymer matrices via an inimer approach.” American Chemical Society: San Diego, CA 15 MAR 2016.
- 43) Barcus, K. S.\*, Crenshaw, E. D., Markmann, M. R., Costanzo, P. J. “Incorporation of Diels-Alder chemistry into polymer matrices via an inimer approach.” American Chemical Society: San Diego, CA 14 MAR 2016. **Selected for Sci-Mix.**
- 42) Markmann, M. R.\*, Martinez, M. R., Costanzo, P. J. “Molecular weight changing polymers via Diels-Alder chemistry.” Western Coating Symposium: Las Vegas, NV. 26 OCT 2015.
- 41) Crenshaw, E. D.\*, Barcus, K. S., Kleine, T. S., Markmann, M. R., Costanzo, P. J. “Incorporation of Diels-Alder chemistry into polymer matrices via an inimer approach.” Western Coating Symposium: Las Vegas, NV. 26 OCT 2015.
- 40) Alameda, B. A., Feist, S., Bass, G. F., Seaver, C. P., Kha, K., Kelley, B. A., Scott, G. E., Immoos, C. E., Costanzo, P. J.\* “Synthetic design and investigation of novel polymeric surfactants.” Western Coating Symposium: Las Vegas, NV. 26 OCT 2015.
- 39) Ross, A. S.\*, Monteleone, L. R., Cruz, M. A., Patillo, C. P., Costanzo, P. J. “Controlling surface energy and wettability with a light responsive linker system.” Western Coating Symposium: Las Vegas, NV. 26 OCT 2015.

**External Poster Presentations** (Presenting authors are denoted with an \*. Cal Poly undergraduates are underlined.)

*Completed at California Polytechnic State University cont...*

- 38) Martinez, M. R.\*, Markmann, M. R., Costanzo, P. J. "Molecular weight changing polymers via Diels-Alder chemistry." American Chemical Society: Denver, CO. 24 MAR 2015
- 37) Crenshaw, E. D.\*, Kleine, T. S., London, A. E., Markmann, M. R., Costanzo, P. J. "Incorporation of Diels-Alder chemistry into polymer matrices via an inimer approach." American Chemical Society: Denver, CO. 24 MAR 2015. Crenshaw **received an Undergraduate Travel Award.**
- 36) Bass, G. F., Colt, M. S., Chavez, A. D., DeHoe, G. X., Seaver, C. P., Kha, K., Kelley, B. A., Scott, G. E., Immoos, C. E., Costanzo, P. J.\* "Synthetic design and investigation of novel polymeric surfactants." Gordon Research Conference: Ventura, CA. 10 JAN 2015.
- 35) Monteleone, L. R.\*, Ross, A. S.\*, Cruz, M. A., Cattillo, C. P., Costanzo, P. J. "Controlling surface energy and wettability with a light responsive linker system." American Chemical Society: Dallas, TX. 18 MAR 2014.
- 34) Morgan, S. E, Aubrecht, K. B., Berda, E. B., Cavicchi, K. A., Costanzo, P. J., Gabriel, G. J., Goh, C. Goh, S. L., Iacono., S. T., Savin, D. A. "Polymer science curriculum for the 21<sup>st</sup> century : PUNK." American Chemical Society: Dallas, TX. 17 MAR 2014. **Selected for Sci-Mix Presentation.**
- 33) Monteleone, L. R.\*, Ross, A. S.\*, Cruz, M. A., Pattillo, C. P., Costanzo, P. J. "Controlling surface energy and wettability with a light responsive linker system." American Chemical Society: Dallas, TX. 17 MAR 2014. **Selected for Sci-Mix Presentation.**
- 32) Morgan, S. E, Aubrecht, K. B., Berda, E. B., Cavicchi, K. A., Costanzo, P. J., Gabriel, G. J., Goh, C. Goh, S. L., Iacono., S. T., Savin, D. A. "Polymer science curriculum for the 21<sup>st</sup> century : PUNK." American Chemical Society: Dallas, TX. 17 MAR 2014.
- 31) Dehoe, G. X.\* Formal, T. P., Chavez, A. D., O'Bryan, G., Costanzo, P. J. "Synthetic design of block copolymer amphiphiles for nanomaterial dispersion." Western Coating Symposium: Las Vegas, NV. 22 OCT 2013.
- 30) Kleine, T. S.\* London, A. E.\* Roland, C. D., and Costanzo, P. J.\* "Transparent, thermally-responsive coating." Western Coating Symposium: Las Vegas, NV. 22 OCT 2013.
- 29) Varney, K. L.\* Amato, D. U., and Costanzo, P. J. "Re-healable Coatings Based Upon Thermally Responsive Linkages." Western Coating Symposium: Las Vegas, NV. 22 OCT 2013. Varney **received Best Technical Student Poster award - 3<sup>rd</sup> place.**
- 28) Kleine, T. S.\*, Roland, C. D., London, A. E. and Costanzo, P. J. "Dynamic topology of thermally-responsive materials via Diels-Alder chemistry." American Chemical Society: New Orleans, LA. 9 APR 2013. Kleine **received an Undergraduate Travel Award.**
- 27) Machado, C. A.\* Dean, J. M., and Costanzo, P. J. "Preparation of thermally-responsive polyurethanes based upon Diels-Alder chemistry." American Chemical Society: New Orleans, LA. 9 APR 2013. Machado **received an Undergraduate Travel Award.**
- 26) Machado, C. A.\*, Dean, J. M., and Costanzo, P. J. "Preparation of thermally-responsive polyurethanes based upon Diels-Alder chemistry." American Chemical Society: New Orleans, LA. 8 APR 2013. Selected for Sci-Mix Presentation.
- 25) Kleine, T. S., Roland, C. D., London, A. E. and Costanzo, P. J.\* "Dynamic topology of thermally-responsive materials via Diels-Alder chemistry." Gordon Research Conference: Ventura, CA. 7 JAN 2013.

**External Poster Presentations** (Presenting authors are denoted with an \*. Cal Poly undergraduates are underlined.)

*Completed at California Polytechnic State University cont...*

- 24) Mann, S. I.\*, Grau, W. C., Mackenzie, M. C., McMahon, M. L., Costanzo, P. J. and Immoos, C. E. "Utilizing "click chemistry" to incorporate MnSOD mimics into polymer scaffolds." American Chemical Society: San Diego, CA. 26 MAR 2012. Selected for Sci-Mix Presentation.
- 23) Mann, S. I.\*, Grau, W. C., Mackenzie, M. C., McMahon, M. L., Costanzo, P. J. and Immoos, C. E. "Utilizing "click chemistry" to incorporate MnSOD mimics into polymer scaffolds." American Chemical Society: San Diego, CA. 25 MAR 2012.
- 22) Grau, W. C.\*, Mackenzie, M. C., Mann, S. I., Lent, B. M., Costanzo, P. J. and Immoos, C. E. "Electronic and structural influences on SOD-like activity of Mn(III) Schiff base complexes." American Chemical Society: San Diego, CA. 25 MAR 2012.
- 21) Chavez, A. D.\*, Dean, J. M., Strange, G. A., Costanzo, P. J. "Develop of a library of Diels-Alder linkage systems." American Chemical Society: San Diego, CA. 25 MAR 2012.
- 20) Strange, G. A.\*, Richardson, A. D., Savin, D. A., Costanzo P. J. "Controlling nanoparticle dispersion via Diels-Alder chemistry." Western Coating Symposium: Las Vegas, NV. 24 OCT 2011. ***Strange received Best Technical Student Poster award - 1<sup>st</sup> place.***
- 19) Roland, C. D.\*, Orlicki, J. A. Costanzo, P. J. "Transparent, thermally-responsive coating." Western Coating Symposium: Las Vegas, NV. 24 OCT 2011. ***Roland received Best Technical Student Poster award - 3<sup>rd</sup> place.***
- 18) Hill, M. R.\*, Carlson, J. S., Costanzo, P. J. "Novel polymer coupling chemistry based upon latent cysteine-like functionality." Western Coating Symposium: Las Vegas, NV. 24 OCT 2011. ***Hill received Best Technical Student Poster award - Honorable mention***
- 17) Mackenzie, M. C.\*, Mann, S. I.\*, Grau, W. C., Costanzo, P. J. and Immoos, C. E. "Merging metallo-biomimetics and "Click" chemistry for the investigation of SOD reactivity." American Chemical Society: Anaheim, CA. 28 MAR 2011. Selected for Sci-Mix Presentation.
- 16) Mackenzie, M. C.\*, Mann, S. I., Grau, W. C., Costanzo, P. J. and Immoos, C. E. "Merging metallo-biomimetics and "Click" chemistry for the investigation of SOD reactivity." American Chemical Society: Anaheim, CA. 27 MAR 2011.
- 15) Bentz, K. C.\*, Costanzo, P. J., Immoos, C. E., Vorst, K. "Synthesis and characterization of linear and branched polylactic acid for use in coatings and adhesives for paper packaging." American Coatings Society: Chicago, IL. 15 MAR 2011.
- 14) Hill, M. R., Carlson, J. S., Costanzo, P. J.\* "Novel polymer coupling chemistry based upon latent cysteine-like functionality." Gordon Research Conference: Ventura, CA. 10 JAN 2011.
- 13) Yoo, H., Bull, M. M., Chung, W-J., Dirlam, P. T., Pyun, J. "Functionalization of ferromagnetic cobalt nanoparticles via ligand exchange with polymeric ligands." American Chemical Society: Boston, MA. 23 AUG 2010.
- 12) McMahon, M. L.\*, Jaoudi, M., Immoos, C. E., Costanzo, P. J. "Systematic Design of Reactive Surface Coatings." American Coatings Society: Charlotte, NC. 13 APR 2010.
- 11) Carlson, J. S.\*, Hill, M. R., Costanzo, P. J. "Novel polymer coupling chemistry based upon latent cysteine-like functionality." American Chemical Society: San Francisco, CA. 22 MAR 2010.
- 10) Strange, G. A.\*, Richardson, A. D., Savin, D. A., Costanzo P. J. "Controlling nanoparticle dispersion via Diels-Alder chemistry." American Chemical Society: San Francisco, CA. 22 MAR 2010.

**External Poster Presentations** (Presenting authors are denoted with an \*. Cal Poly undergraduates are underlined.)

*Completed at California Polytechnic State University cont...*

- 9) Jaoudi, M.\*, Swanson, J. P., Costanzo, P. J., Immoos, C. E., "Synthesis and rational design of metal/ligand catalyst systems utilizing "Click" chemistry." American Chemical Society: San Francisco, CA. 22 MAR 2010.
- 8) Harvey, V. L.\*, Wagner, M. A., Costanzo, P. J., Immoos, C. E., "Synthesis of fluorescence-based NO detection probes by "Click" chemistry." American Chemical Society: San Francisco, CA. 22 MAR 2010.
- 7) Curtzwiler, G. W. \*, Costanzo, P. J., Fernando, R., Vorst, K. "Thermal Initiated Hydroxyethyl Methacrylate Functionalization of Multi-Walled Carbon Nanotubes." Western Coating Symposium: Las Vegas, NV. 26 OCT 2009. ***Curtzwiler received Best Technical Student Poster award.***
- 6) Dirlam, P. T. \*, Strange, G. A \*, Costanzo, P. J. "Controlling Surface Energy and Wet-ability with Diels-Alder Chemistry." Western Coating Symposium: Las Vegas, NV. 26 OCT 2009. ***Dirlam and Strange received Best Technical Student Poster - Runner up award.***
- 5) Dirlam, P. T. \*, Strange, G. A., Orlicki, J. A., Wetzel, E. D., Costanzo, P. J. "Development of Self-Pressurizing Capillaries using Diels-Alder Chemistry." American Chemical Society: Washington, DC. 17 AUG 2009. Selected for Sci-Mix Presentation.
- 4) Richardson, A. D.\*, Strange, G. A., Costanzo, P. J., Savin, D. A. "Effect of polymer tethering on dispersions of silica nanoparticles in crosslinked epoxy composites" American Chemical Society: Washington, DC. 16 AUG 2009.
- 3) Dirlam, P. T. \*, Strange, G. A., Orlicki, J. A., Wetzel, E. D., Costanzo, P. J. "Development of Self-Pressurizing Capillaries using Diels-Alder Chemistry." American Chemical Society: Washington, DC. 16 AUG 2009.
- 2) Rozvadovsky, S., Costanzo, P. J.\*, Jensen, R. E. "Tailored Polymers for Insensitive Munitions." Gordon Research Conference: Ventura, CA. 13 JAN 2009.
- 1) Dirlam, P. T., Costanzo, P. J., Orlicki, J. A., Wetzel, E. D. "Development of Self-Pressurizing Capillaries using Diels-Alder Chemistry." Drexel University: MCOE Review. Philadelphia, PA. 10 NOV 2008.