

## Abundance & Distribution of RTC Scientist and Student Accomplishments, April-June 2016

**Dr. William Cochlan** gave a presentation entitled “Climate Change and the Growth and Ichthyotoxicity of *Heterosigma akashiwo* in the Salish Sea: Effects of Salinity, Temperature and Acidity” (co-authors: C.E. Ikeda, C.L. Bronicheski, V.L. Trainer, and C.G. Trick) at the Salish Sea Ecosystem Conference held **April 13-16, 2016** in Vancouver, BC, Canada. Learn more about the conference [here](#).

Graduate student and SF State ARCS Scholar **Stephanie Saffouri** (Boyer Lab) presented a poster entitled “Impact of invasive *Limonium* on San Francisco Bay marshes” at the 2nd Annual ARCS Foundation Symposium in Menlo Park on **May 2, 2016**. For more information and photos of the symposium: <http://www.arcsnortherncalifornia.org/2015-2016-arcs-scholars/>.

Two graduate students presented their master’s research at the 4th International Symposium on the Ocean in a High-CO<sub>2</sub> World **May 3-6, 2016** in Hobart, Tasmania, Australia. **Charles Wingert** (Cochlan Lab) gave a poster presentation (co-authors: W.P. Cochlan, C.E. Ikeda, B.D. Bill and V.L. Trainer) entitled, “The effects of ocean acidification on growth, photosynthesis, and domoic acid production by the toxigenic diatom *Pseudo-nitzschia australis*.” Read the abstract [here](#). **Morgan Meyers** (Carpenter Lab) gave oral and poster presentations (co-authors: E. Carpenter, W.P. Cochlan and W. J. Kimmerer) entitled, “Effect of ocean acidification on the nutritional quality of phytoplankton for copepod reproduction.” Read the abstract [here](#).

Several RTC students, including graduate students **Ann Holmes** (Kimmerer Lab), **Emily Lam** (Stillman Lab), **Heather Richard**, **Andrew Kalmbach** and **Kate Barretto** (Carpenter Lab) and undergraduate student **Rachel Weinberg** (Cohen Lab) presented posters and won awards at SF State’s College of Science & Engineering Project Showcase held on **May 6, 2016**. Ann Holmes won 1<sup>st</sup> Place for her poster, “High throughput sequencing provides novel insight into the California Delta food web,” and RTC grad students won 4 out of 5 of the awards in their category. For more information and a list of all posters and presenters: <http://www.sfsu.edu/~science/sps>

RTC Director **Dr. Karina Nielsen** is co-author of a new publication in Ecology Letters: Kroeker, K. J., Sanford, E., Rose, J. M., Blanchette, C. A., Chan, F., Chavez, F. P., Gaylord, B., Helmuth, B., Hill, T. M., Hofmann, G. E., McManus, M. A., Menge, B. A., **Nielsen, K. J.**, Raimondi, P. T., Russell, A. D. and Washburn, L. (2016), Interacting environmental mosaics drive geographic variation in mussel performance and predation vulnerability. [Ecol Lett. doi:10.1111/ele.12613](https://doi.org/10.1111/ele.12613) (**May 6, 2016**)

Graduate student **Ryan Hartnett** (Nielsen Lab) was selected for a CSU COAST (Council on Ocean Affairs, Science & Technology) Ocean Exploration Internship in the Channel Islands National Marine Sanctuary this summer (June 6-August 19). Read a description of the internship [here](#).

Undergraduate student **Ryan Fergusson** (Cohen Lab) received a travel award to attend the Society for the Study of Evolution Annual Meeting to be held **June 17-21, 2016** in Austin, Texas, where he will present research delineating the diversity of botryllid ascidians in the Philippines. Learn more about the meeting and see the program [here](#).

Graduate student **Anastasia Ennis** (Cohen Lab) received a CSU COAST Travel Award to attend the American Society of Mammalogy meeting to be held **June 24-28, 2016** in Minneapolis, Minnesota, where she will give an oral technical presentation about her work on immune system variation in the endangered salt marsh harvest mouse. Learn more about the meeting and view abstracts [here](#).