



Where are they now?

Jordyn Wolfand
Maryland State Winner
2007



Active Ingredient in Oral Contraceptives (17 -ethinylestradiol) Alters Male Competitive Courtship Behaviors and Secondary Sexual Characteristics in Fathead Minnows (*Pimephales promelas*)

What are you doing now?

I am currently at Stanford University working towards a M.S. degree in Environmental Engineering. Previously I was working for Geosyntec Consultants, an environmental consulting firm in Boston. I was a member of the water resources practice group, and my work mostly focused on dynamic stormwater management. Have you ever heard of a "smart" grid or a "smart" house? We looked to create the "smart" stormwater infrastructure of the future. We incorporated real-time data, such as NOAA weather feeds and USGS stream gage data, with green stormwater infrastructure such as green roofs and rainwater harvesting. Using advanced logic and dynamic controls, we can re-use stormwater to irrigate when it's dry out, create more stormwater storage prior to large storms, and lessen contribution to combined sewer overflows (CSOs).



SJWP plankton pull in the
Prince William Sound
Alaska 2009

How did the SJWP competition effect, or influence you?

Starting in high school with SJWP, and through now I have maintained a strong connection with water and water research. In college, I did some work on the fate and transport of nanoscale carbon in subsurface water, and I'm looking to continue with water research in the Environmental Fluid Mechanics and Hydrology program at Stanford.

Would you care to give a testimonial about the SJWP?

I loved that SJWP provided an opportunity to connect with like-minded students and that I was able to meet mentors working in the water industry.



Jordyn working on her
project in 2007