

**1<sup>st</sup> Annual Bren PhD Student Symposium**  
**October 17**  
**Bren Hall 1414**

- 10:30-11:00: Registration, coffee  
11:00-11:10: Introduction/welcome  
**11:10 -12:30: Session 1**  
11:10 Institutions, Infrastructure, and the Environment: Tracking institutional change in urban water management. Sara Hughes  
11:30 Voluntary Provision of Environmental Goods: Clubs & Market Structure. Laura Grant  
11:50 The Role and Value of Information for Supply Loop Management: Framework and Application. Vered Doctori-Blass  
12:10 Land Cover Change Related to Residential Housing Development in the U.S. from 1990 – 2000. Patrick Jantz  
12:30-1:30 Lunch (in the courtyard)  
**1:30-2:50: Session 2**  
1:30 Avalanche Crown Depth Distributions. Ned Bair  
1:50 Understanding the Transfer of Volatile Chemicals Across Air-Water Interfaces. Damon Turney  
2:10 Validation of Fractional and Binary Snow-Mapping Algorithms. Karl Rittger  
2:30 Natural organic matter removal by coagulation and nanoparticle adsorption. Hongtao Wang  
2:50-3:10: Coffee Break  
**3:10-4:10: Session 3**  
3:10 Growth and survival of an artisanally harvested giant clam (*Tridacna maxima*). Annie Yau  
3:30 A Demonstration of Bioswales and Biotrenches for Treating Agriculture Runoff. Kristin Clark  
3:50 Carnivores in the Farmland Matrix: Use of Avocado Orchards Depends on Neighboring Land Use Types. Theresa Nogeire  
**4:15-5:00 Speaker: Sarah Anderson**, Assistant Professor of Environmental Politics  
5:00-6:00 Reception on the Dean's Terrace