# 2018 PhD Student Symposium

Friday, February 16, 2018 12:00 – 4:00  [RSVP here]

Bren Hall 1414

Watch live at [https://ucsb.zoom.us/j/482631357](https://ucsb.zoom.us/j/482631357)

Reception and poster session to follow in the Michael J. Connell Memorial Courtyard

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00</td>
<td>Arrival and Registration</td>
</tr>
<tr>
<td>12:30</td>
<td>Welcoming Remarks, Timnit Kefela, Chair, PhD Symposium Committee</td>
</tr>
<tr>
<td>12:35</td>
<td>Highlights of Bren School PhD Research, Professor Patricia Holden</td>
</tr>
</tbody>
</table>
| 12:40 | Dan Ovando  
*Counting Fish from Space: Using Fishermen Behavior to Predict Fish Abundance* |
| 12:55 | Nicol Parker  
*Predicting Risk: Tools and Tactics for Predicting the Transport, Fate, and Risk of Pollutants, a Case Study of TiO$_2$ Nanoparticles* |
| 1:10 | Christopher Heckman  
*Plant Water Storage Capacity’s Role in the Interaction Between Climate and Vegetation Productivity* |
| 1:15 | Daniel Viana  
*Contrasting Effects of TURF Size on Resource Outcomes* |
| 1:30 | Ying Wang  
*Soybean Dinitrogen Fixation Is Vulnerable to Manufactured Carbon Nanomaterials in Soil* |
| 1:45 | Rachel Torres  
*The Impact of Urban Vegetation on Stormwater Management* |
| 1:50 | Owen Liu  
*What We Otter Do: Conflict Between a Fishery and an Endangered Species* |
| 2:05 | Erin Winslow  
*How Interaction of Abiotic and Biotic Processes Drive Coral Community Dynamics* |
| 2:10 | Refreshment Break |
| 2:40 | Alexa Fredston-Hermann, Casey O’Hara  
*Critically Evaluating the Social and Ecological Resilience of TURFs to Climate Change* |
| 2:55 | Cruz Ortiz  
*Repeated Application of Engineered Nanomaterials and Their Gravity-Driven Transport in Natural Soils* |
| 3:10 | Julia Lawson  
*Are We Saving Sharks?* |
| 3:15 | Niklas Griessbaum  
*Global Indexing Schemes to Facilitate Earth Science Data Management* |
| 3:20 | Karly Miller  
*Promise or Peril: Untangling the Effects of Tourism Development on Small-Scale Fisheries* |
| 3:35 | Timnit Kefela  
*Global Plastic Waste Input to the Ocean from Inland, Coastal, and Marine Sources* |
| 3:40 | Will Burke  
*Where Does the Water Go? Challenges in Understanding the Impacts of Thinning* |
| 3:45 | Elizabeth Hiroyasu  
*Bear in Mind: Assessing Knowledge and Attitudes toward Grizzly Bear Reintroduction in California* |

Thank You to Our Generous Supporters:  
[DUDEK](http://www.dudek.com)  
[Rincon Consultants, Inc.](http://www.rinconconsultants.com)