





ESS faculty had another incredible year! Assistant Professor **Nurcan Atalan-Helicke** introduced a special issue of the Journal of Environmental Studies and Sciences in September and December 2015. In January 2016, she co-organized a workshop with Dr. Gerry Marten (U Hawaii) at the annual conference of the Food-Energy-Water Nexus called “Strengthening American Food System Resilience”. She presented research at the University of Arizona Center for Middle Eastern Studies in March 2016, and again at Silver Bay YMCA in August 2016. In May and June 2016, Nurcan traveled to Israel (pictured below) as part

Princeton Review Rating: Princeton Review gave Skidmore a 94 out of

This past summer, 16 ESS students successfully competed for funding for internships and research. Nine students got funding from various groups and programs on campus, three students got funding to do research either with Skidmore faculty or with faculty at affiliated NY6 schools, and four others got competitive summer funding from outside groups, including the National Science Foundation, the Doris Duke Conservation Scholars Program, and the Quebec-Labrador Foundation. Projects ranged from local environmental work in Albany and Greenwich to education and conservation in Ethiopia and Madagascar.

Many other ESS students worked in internships – both paid and unpaid, during the school year or over the summer, for college credit or just for the experience. Over 70% of ESS students do an internship while they are at Skidmore.

***ESS Summer Internship Award Winners***

**Christina Battiste '17, Environmental Studies major**

**Ben Curell '18, Environmental Science major**

Ben was awarded ESSIA funding to work as a GIS intern for the

## *Student Awards and Accomplishments (continued)*

---

The National Science Foundation (NSF) Research Experience for Undergraduates (REU) program offers competitive summer research opportunities for students across the country. **Lauren Sidor '17** won an REU award to study marine and fisheries sciences at the University of Massachusetts Dartmouth Graduate School for Marine Science and

invasive Bloody Red Shrimp, conducting both lab and field experiments to test their efficacy. Jamila found that these traps offer a promising monitoring strategy that may be superior to traditional collection methods.

The Quebec-Labrador Foundation is an environmental NGO that works to advance community-based conservation and the

## *Student Awards and Accomplishments (continued)*

---

Every summer, Skidmore's Faculty Student Summer Research (FSSR) Program provides students with a unique opportunity to spend

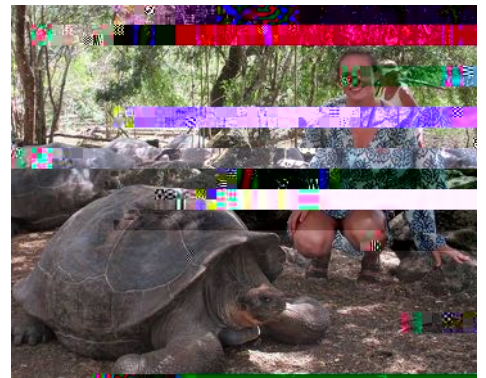
---

## *Study Abroad*

---

Skidmore ESS students spanned the globe this past year, studying in 23 different countries on 6 continents. While Denmark, Costa Rica, and Australia remained the most popular countries, students also studied in many other countries, including Brazil, China, and Tanzania. Studying abroad or off campus in a domestic program enhances an education in environmental studies and sciences by providing a global view of environmental issues. Students return with new adventures and experiences, adding an international perspective to their studies after they return.

*Ben Curell '18 measures trees in the wet Sclerophyll*



*Students gathered for our annual fall ESS Study Abroad Picnic. We welcomed back our ESS students who studied abroad or off campus last year, and they had the chance to talk to interested first- and second-year students about their programs and experiences.*

---



### ESS Keynote Lecture: Dr Jennifer Jacquet. Guilt, Shame, and Climate Change

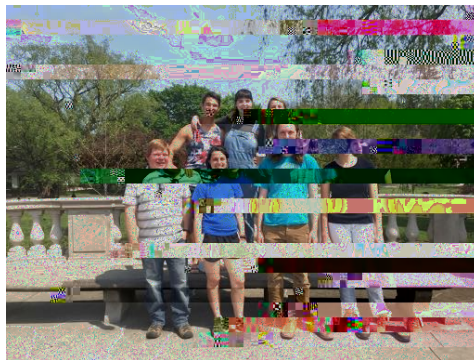
How can we use shame to address climate change? This was the question posed by Dr. Jennifer Jacquet, the ESS keynote speaker this past October. Dr. Jacquet is an Assistant Professor at New York University where she studies large-scale cooperation dilemmas, particularly the role of social approval in encouraging cooperation.

Dr. Jacquet distinguished shame from guilt. Guilt is a feeling that can be productive for individual change, but groups (such as governments or corporations) don't have feelings, so they need to be motivated differently. Shame campaigns can be effective. For instance, when PR giant Edelman was exposed in 2014 for representing climate deniers, the company immediately dropped those clients. A similar campaign was used to stop Barclay's Bank from funding mountain-top removal. However, shame can be an unpredictable tool, and too much shame can make entities withdraw and act in accordance with their reputations.

---

## **Spruce Mountain, Adirondacks**

Last September, ESS coordinator Anne Ernst organized a group hike up Spruce Mountain, a 2100-foot peak located in nearby Corinth, by the foothills of the Adirondacks. The top of Spruce Mountain boasts a 73-



## *ESS in Action*

---

*This past September, ESS Keynote Speaker Dr. Jennifer*

*ESS students and faculty took a fall hike up Spruce Mountain in Corinth NY, followed by a pizza dinner at a nearby restaurant (above and right).*

*ES 105 students explore Loughberry Lake (above) and its tributaries (below) to determine the status of the watershed.*