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# GRAD FEST SYMPOSIUM

Office of Sustainability  UNIVERSITY OF CALIFORNIA, BERKELEY

## green event

This event has achieved certification  
as a UC Berkeley **green event**.

Event:

Gradfest: The Research Symposium

Date:

May 4, 2012

Category:

green event

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*the tree-saver version*



Graduate Research Symposium  
May 4, 2012  
University of California, Berkeley

## morning

- 9:00 am** Registration, coffee, baked goods
- 9:20 am** Welcome: Manisha Anantharaman, UC Berkeley
- 9:30 am** **Shasta Ferranto**  
*Management without borders? A survey of landowner practices and attitudes towards cross-boundary cooperation*
- 9:50 am** **Lisa Schile**  
*Tidal wetland vegetation in the San Francisco Bay Estuary: Modeling species distribution with sea-level rise*
- 10:10 am** **Clare Gupta**  
*Elephants gone wild: People and park relations around Chobe National Park, Botswana*
- 10:30 am** **Lindsay Chiono**  
*Long-term effects of fire hazard and fuels reduction treatments in the northern Sierra Nevada, California*
- 10:50 am** **Faculty Mentor Award presentation by the ESPM Graduate Students Association**  
*Update from Claire Kremen, Head Graduate Advisor*
- 11:00 am** **Keynote Address**  
*Lessons from the Story of Stuff by Annie Leonard, Founder and Co-Director of the Story of Stuff Project*
- 12:00 pm** Lunch, posters, and career development mixer

## posters

- Iryna Dronova**  
*Object-based "dynamic cover types": A new framework for monitoring landscape-level ecosystem change*
- Melissa Eitzel**  
*Modeling tree growth from forest inventory data: Sophisticated models for complex monitoring data*
- Virginia Emery**  
*A cuticular hydrocarbon cue inhibits the rearing of new queens in the Argentine ant (*Linepithema humile*)*
- Traci L. Gryzmala**  
*The phylogenetic signal of metafemoral hairs in the Aderidae (Coleoptera)*
- Margot Higgins**  
*From copper to conservation: Mining for nature and culture in Wrangell St. Elias Park and Preserve*
- Sarah M. Lewis**  
*Where will drought-tolerant, cellulosic biofuels fit into the landscape?*
- Lu Liang**  
*Spectral-climate clustering for global ecoregion delineation*
- Mary Matella**  
*Restoring floodplain habitat connectivity for aquatic species recovery: An integrated modeling framework*
- Hillary Sardiñas**  
*Quantifying native bee ground-nesting using emergence traps*
- Katherine Scranton**  
*Individual Heterogeneity in Development: A Mixed-Effects Model for Interval-Censored Cohort Data*

## afternoon

- 1:00 pm** **Seth B. Shonkoff**  
*The public health dimensions of horizontal hydraulic fracturing*
- 1:20 pm** **Sarah Sawyer**  
*New insights into the ecology and conservation of the critically endangered Cross River Gorilla*
- 1:40 pm** **Mathew Plucinski**  
*Using infectious disease modeling to explain the distribution of disease burden*
- 2:00 pm** **Sonja Schwartz**  
*One fish? Two fish? Red fish? Blue fish? Use of molecular methods to examine the origins of biodiversity in Caribbean corals (Family: Faviidae) and Indo-Pacific parrotfishes (Genus: Scarus)*
- 2:20 pm** **Becca Ryals**  
*Carbon and greenhouse gas dynamics in annual grasslands: Effects of management and potential for climate change mitigation*
- 2:40 pm** **Steve Bellan**  
*New methods for counting dead animals: Anthrax outbreaks in the zebra of Etosha National Park, Namibia*
- 3:00 pm** **Karen Weinbaum**  
*Sustainability and socioeconomics of wildlife hunting in Central Africa*
- 3:20 pm** **Matteo Kausch**  
*Modeling the impact of soil aggregate size on selenium immobilization*
- 3:40 pm** **Avery Cohn**  
*Examining and supporting efforts to reduce agricultural causes of deforestation in Brazil*
- 4:00 pm** **Kevin Krasnow**  
*Wildfire management and regeneration of quaking aspen in the Sierra Nevada*
- 4:20 pm** **Marek Jakubowski**  
*Lidar pulse density in the Sierra Nevada: How low can you go?*
- 4:40 pm** Graduate Diversity Council Presentation
- 5:30 pm** Departmental fellowship recipients, graduates, outstanding GSIs, extramural fellowship recipients, and Steel Rod/Golden Tongs winners honored

## keynote speaker

### Annie Leonard, Founder and Co-Director The Story of Stuff Project

Annie Leonard captivates and compels millions to action through her creative films that call our attention to the high costs of our consumerism, the global impact of our throw-away technology, the corruption of our economic system, the pervasive use of toxic chemicals in our everyday products, and much more. With more than two decades of experience investigating and organizing around environmental health and justice issues, Annie has made it her life's calling to blow the whistle on important issues plaguing our world today. She is currently the Co-Director of the Story of Stuff Project, which she founded in 2008 after she created the 2007 *The Story of Stuff* webfilm.