



ENVIRONMENTAL STUDIES

University of California, Santa Cruz

Winter 2013 ENVS News

Welcome from Chair Karen Holl

Environmental Studies Alumni, Students and Friends,
I hope you enjoy our winter 2013 UCSC Environmental Studies Department newsletter.

One of my initiatives as department chair has been to start a quarterly newsletter to help keep you informed of the latest news in ENVS at UCSC and stay connected with the ENVS community. Please forward it to your alumni friends; they can join the mailing list by sending an email to Newsletter Editor [Lin Weyers](#). In this issue, we have started [a column of alumni updates](#). See the list at the end of the column at the right for the alumni featured in this edition. We hope you'll send a few lines about the exciting things you're doing now to include in future newsletters. Please email updates to our Internship Coordinator [Chris Krohn](#). Do keep in touch and stop by if you are in the area. ~ Karen Holl

Weighing the merits of desalination in Santa Cruz

The City of Santa Cruz is grappling with the challenge of how to provide fresh water to the people who live here, as well as endangered fish in the San Lorenzo River. The development of a desalination plant is one possible solution, but it is the subject of a contentious debate dividing ocean advocacy organizations and environmentalists. Environmental Studies graduate Brooke Wright ('10) reports on her interview with Environmental Studies Professor Brent Haddad, who recently completed a

ANNOUNCEMENTS

Science & Justice Workgroup

Panel discussion
participant Karen Holl

[Carbon Absorbed in
Reforestation &
Averted Forest Fires](#)

4-6 p.m. Tues.,
2/26/13

Baskin Engineering 2,
#599

ENVS Welcomes Associate Professor Flora Lu

View Flora's [webpage](#).



Ecology & Conservation Supercourse

multi-year study of the costs and benefits of desalination in California. [Read more »](#)

Associate Professor Chris Wilmers and students track elusive mountain lions in the Santa Cruz Mountains

Put an iphone on a mountain lion and what do you get?
Well not really an iphone.

Instead Associate Professor Chris Wilmers and his students have taken some of the key elements from the iphone

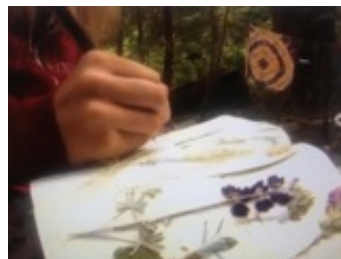


- accelerometer, magnetometer, GPS, and the ability to text - and packaged them into a collar which they place on wild mountain lions in the Santa Cruz Mountains. They're trying to understand how this large predator is able to coexist with humans in an area as developed as the Santa Cruz Mountains. By putting these collars on wild animals, they get simultaneous data on the movements and behavior of these great cats as they move between developed and undeveloped portions of the mountains.

Eventually they hope to be able to understand how human development influences everything from the physiology and behavior of individual animals to the sustainability of the population as a whole. [Read more »](#)

To keep up on the latest developments in the Puma Project [Click here »](#)

Professors Erika Zavaleta and Don Croll, along with students, talk about this course and the unparalleled opportunity it provides for students to gain hands-on field research experience. [Click here to watch the video](#)

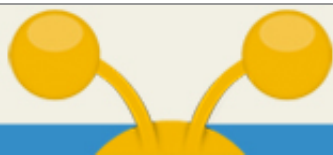


[See alumni notes for:](#)

Gabi Kirk, '12; Rachel Carson, '11; Alex Chavanne, '11; Lauren Doucette, '11; Grant Marr, '11; Frank Proulx, '11; Julia Berg, '10; Julianna Gobbato, '10; Patty Fung, '10; Emma Hodges, '10; Sarah Goldstein '10; Tyler Pitts '10; Louise Huttinger, '09; Rachel Shiozaki '09; Jessica Sanchez '09; Will Spangler '09; Laura "Lily" Kelly, '08; Erin Middleton '08; Stephanie Bishop '07; Quinn Cypher '06; Jedediah Brodie '97; and Josiah Clark '97.



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