

**18TH ANNUAL
BAY AREA CONSERVATION BIOLOGY SYMPOSIUM**

**Santa Cruz, CA
May 6, 2017**

Speaker Schedule



Keynote 1		
Room: Thimann 3		
	Presenter	Title
9:10	Dr. Jim Estes	Ecology and conservation biology: a 50 year retrospection on change
Session 1		
Room: Thimann 1		
	Presenter	Title
10:20	Justin Cummings	Changing the faces of conservation: An approach from the Doris Duke Conservation Scholars Program
10:35	Monika Krach	Youth-based citizen science for conservation
10:50	Daniel R. Brumbaugh	Developing a framework for co-management of marine protected areas in The Bahamas
11:05	Erin McCreless	Strategic prioritization of islands for invasive mammal eradications to protect globally threatened vertebrates
11:20	Lisa Hunt	Using the Species at Risk index as a tool for adaptive management to reduce impacts of pesticides to aquatic ecosystems
11:35	Ryan Mykita	Public lands in the era of Trump

Session 2		
Room: Thimann 3		
	Presenter	Title
10:20	Alex Krohn	Conservation genomics and captive reintroductions of endangered Amargosa voles (<i>Microtus californicus scirpensis</i>),
10:35	Megan A. Supple	Landscape genomic techniques aid seed sourcing decisions for reforestation under climate change
10:50	Devon Pearse	Adaptation and conservation in the age of genomics
11:05	Diana Madrigal Ruiz	Using meta-population viability analysis to determine relative extinction risk among threatened seabirds
11:20	Hyeyeong Choe	Rarity and diversity patterns of plant species using national survey data
11:35	Christopher Anderson	Using remote sensing to address the problem of pattern and scale in ecology

Environmental Law Panel		
Room: Thimann 3		
	Presenters	Title
12:30	Nicholas Whipps Jenny Loda Dr. Tim Duane	Law in the age of deregulation

Session 3		
Room: Thimann 1		
	Presenter	Title
12:30	Lindsay T. Cook	You are what you eat: Pollinator response to drought is predicted by both floral and bee life history metrics
12:45	Noel A. Heim	An ecological shift in the Pacific mole crab (<i>Emerita analoga</i>) population at Ocean Beach, San Francisco
1:00	Sarah McKay Strobel	The sensory ecology of a nearshore top predator: a behavioral assessment of active touch in sea otters

Session 4		
Room: Thimann 1		
	Presenter	Title
1:15	Elissa Olimpi	Bats respond to habitat type and landscape context in an agricultural hotspot
1:30	Emily Kearney	Natural areas increase fruit set but do not decrease pollen limitation in cacao
1:45	Jeffrey Smith	Predicting species level responses to deforestation in neotropical birds
2:00	Katherine McClure	Native bird increases disease transmission of invasive avian malaria in lowland Hawaii
2:15	Max Tarjan	Thirty-five years of colonial waterbird monitoring by citizen scientists
2:30	Vanessa ZoBell	Impacts of deforestation on passerine avifauna in the Opunohu Valley of Mo'orea, French Polynesia

Session 5		
Room: Thimann 3	Presenter	Title
1:15	Annika Keeley	Prioritizing connectivity to facilitate range shifts: a new conservation science challenge
1:30	Bryan Largay	Science based management at the local level
1:45	Katherine Teresa Charton	Assessing elevational connectivity in California's mountain ranges to inform conservation priorities for climate change
2:00	Paul Elsen	Which mountains pass? Gaps in protection along elevational gradients worldwide
2:15	Morgan Gray	Highway to hell: Road networks decrease genetic connectivity in a small mammal
2:30	Tanya Diamond & Ahiga Snyder-Pathways for Wildlife	Highway 17 wildlife connectivity project

Keynote 2		
Room: Thimann 3	Presenter	Title
3:00	Dr. Karen Poiani	What will it take to be a Conservation Action Hero in the Anthropocene?

Session 6		
Room: Thimann 1	Presenter	Title
4:00	Alex McInturff	A new place for stories: obligations and opportunities for storytelling in conservation
4:15	Nickolas Knightly	Why conservation cannot succeed unless "inner science" and "outer science" join forces
4:30	Jennie Miller	Refining solutions to human-wildlife conflict through comparing realities to people's perceptions of carnivore threats: Lessons from tigers and leopards in India
4:45	Phoebe Parker-Shames	The Cannabis Conundrum: A review of current impacts on wildlife and proposal for future research
5:00	Rachel Zuercher	Social and ecological dynamics of the commercial, nearshore fishery in Central California

Session 7		
Room: Thimann 3	Presenter	Title
4:00	Alison Ke	Contrasting vegetation structure and avian taxonomic, functional, and phylogenetic diversity between IUCN protection levels
4:15	Briana Abrahms	Climate mediates the costs and benefits of site fidelity in a marine predator, the northern elephant seal
4:30	Joseph Stewart	Apparent climate-mediated loss and fragmentation of core habitat of the American pika in the northern Sierra Nevada, California, USA
4:45	Rachael E. Blake	Temporal and spatial patterns in the central Gulf of Alaska groundfish community

5:00

Sarah Skikne

Historic re-photography reveals processes underlying plant species range shifts over 35+ years in the arid Deep Canyon Transect

Poster Session	Title
Quratulain Ahmed	Assessing bird diversity and ecosystem services in spring flooded alfalfa fields
Joan Kirsti Brennan	Foraging behavior of bees in an incompletely restored coastal dune system
Miranda Conlon	Water for elephants: effects of African elephants on areas surrounding artificial waterholes in Kruger National Park
Darko Cotoras	A glimpse of the biodiversity from Empire Cave (UC Santa Cruz)
Nevin Cullen	Effect of invasives on plant-pollinator relationships in the Mt. Tamalpias watershed
Melissa Douglas	Reserves in reverse and back again: Changing access status of Stornetta Ranch and the resulting effect on red abalone populations
Monika Egerer	Biodiversity conservation and ecosystem service provision through urban food cultivation
Nathaniel Fletcher	An assessment of black abalone populations and habitat on the California Channel Islands and the potential effects of sea otter re-establishment on recovery
Victoria Heyse	Monitoring allows adaptive management of nuisance species in urban environments
Elena Huynh	Recruitment patterns of sessile invertebrates in the San Francisco Bay
Samantha Klein	Impacts of Hong Kong trawling ban on Chinese white dolphin feeding behavior and mortality
Monika Krach	Young citizen scientists reveal trends in the intertidal
Zeka Kuspa	Assessment of the glucocorticoid stress response in the critically endangered California condor (<i>Gymnogyps californianus</i>) at multiple time scales
Rebecca Nelson and Dylan MacArthur-Waltz	Thermal tolerance, seasonal partitioning of activity, and coexistence of the native winter ant (<i>Prenolepis imparis</i>) and the invasive Argentine ant (<i>Linepithema humile</i>)
Anna Nisi	Puma survival in a fragmented landscape
Shannon O'Brien	Niche differentiation among small mammals of the Alexander Archipelago in Southeast Alaska
Gisele Miglioranza Rizzi	Skeletal Lead: Assessing the true magnitude of lead poisoning in California Condors
Stephanie Saffouri	Impacts of invasive <i>Limonium</i> on a native congener in San Francisco Bay salt marshes
Amy Petersen Wynes	A comparison of stand structure and composition following selective-harvest at Byrne-Milliron Forest