

# **Stunt Ranch Reserve**

## Previous Research Projects

**Project Title:** Comparative studies of Mediterranean-climate ecosystems

**Researcher:** Philip W. Rundel

**Affiliation:** UCLA

**Project Title:** Post-fire successional dynamics

**Researcher:** Philip W. Rundel, Qinfeng Guo and Jon Keeley

**Affiliation:** UCLA, USGS

**Project Title:** Salamander response to chaparral fire

**Researcher:** Lee Kats

**Affiliation:** Pepperdine University

**Project Title:** Chaparral soil seed pools

**Researcher:** Karen Esler

**Affiliation:** University of Stellenbosch, South Africa

**Project Title:** Physiological ecology of evergreen sclerophyll shrubs in chaparral

**Researcher:** Stephen Davis

**Affiliation:** Pepperdine University

**Project Title:** Ant colony and productivity

**Researcher:** Peter Nonacs

**Affiliation:** UCLA

**Project Title:** Multi-spectral remote sensing of plant productivity

**Researcher:** John Gamon

**Affiliation:** California State University Los Angeles

**Project Title:** Monitoring changing ecosystem productivity and functional diversity in evergreen-dominated ecosystems using multi-scale remote sensing

**Researcher:** Brian Zutta and John Gamon

**Affiliation:** California State University Los Angeles

**Project Title:** Multi-spectral remote sensing of plant productivity

**Researcher:** John Gamon

**Affiliation:** California State University Los Angeles

**Project Title:** Comparative ecophysiology of heat shock protein expression in plants

**Researcher:** Charles A. Knight and David Ackerly

**Affiliation:** Stanford University

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## Previous Research Projects

**Project Title:** Signal variation and categorization by wrentits (*Chamaea fasciata*)

**Researcher:** Jeff Thomas

**Affiliation:** UCLA

**Project Title:** Division of labor and reproductive skew among paper wasp foundresses

**Researcher:** Aviva Liebert

**Affiliation:** UCLA

**Project Title:** Social behavior and learning in the California scrub jay

**Researcher:** Maria Diuk

**Affiliation:** UCLA

**Project Title:** The effects of resource density on territorial behavior in wintering wrentits (*Chamaea fasciata*)

**Researcher:** Craig M. Fiehler

**Affiliation:** UCLA

**Project Title:** Diversity of winter-active leiodid beetles in southern California

**Researcher:** Stewart B. Peck

**Affiliation:** Carleton University, Ottawa, Ontario, Canada

**Project Title:** Changes in insect faunal populations in conjunction with a change in season at the California chaparral

**Researcher:** Michael LaPlante

**Affiliation:** UCLA

**Project Title:** Modeling and prediction of wildfire hazard in Southern California, integration of models with imaging spectrometry

**Researcher:** D. Riaño, E. Chuvieco, S. Ustin, R. Zomer, P. Dennison and D. Roberts

**Affiliation:** C Davis, UC Santa Barbara, Univ. of Alcalá, Madrid, Spain

**Project Title:** The evolutionary-ecology of fear: comparative studies of disturbance in birds. Do birds habituate to human disturbance?

**Researcher:** Daniel T. Blumstein and Rina Fernandez

**Affiliation:** UCLA

**Project Title:** Ecophysiology of ferns in chaparral and oak woodland habitats of the Santa Mountains

**Researcher:** Phillip W. Rundel

**Affiliation:** UCLA

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## Previous Research Projects

**Project Title:** The stability of frequency dependent dynamics in the Side-blotched lizard

**Researcher:** Ammon Corl

**Affiliation:** UC, Santa Cruz

**Project Title:** Pollinator preference among two species of Penstemon flowers and their hybrids

**Researcher:** Paul Wilson and Elizabeth Jordon

**Affiliation:** California State University, Northridge

**Project Title:** The impacts of exotic grass invaders on the growth, species composition and richness of sparse native forbs in Southern California

**Researcher:** Jonathan Levine and Heather Coleman

**Affiliation:** UCLA

**Project Title:** Acoustic communication and phonotactic predation in crickets

**Researcher:** David Gray

**Affiliation:** California State University, Northridge

**Project Title:** Monitoring sexual reproduction across multiple species of ants

**Researcher:** Peter Nonacs

**Affiliation:** UCLA

**Project Title:** Flora of the Santa Monica Mountains, California

**Researcher:** Arthur C. Gibson and Barry Prigge

**Affiliation:** UCLA

**Project Title:** Surveying and collection of Southern California carabids

**Researcher:** Amon S. Gill

**Affiliation:** UC, Berkeley

**Project Title:** Germination Strategies of native California forbs

**Researcher:** Margaret Mayfield and Jonathan Levine

**Affiliation:** UC, Santa Barbara

**Project Title:** Evolution of chemical communication in long horned beetles (*Coleoptera: Cerambycidae*)

**Researcher:** Ann M. Ray and Lawrence M. Hanks

**Affiliation:** University of Illinois Urbana – Champaign

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## Previous Research Projects

**Project Title:** Phenology and water relations of California black walnut

**Researcher:** Edward G. Bobich

**Affiliation:** California State University, Pomona

**Project Title:** Linkages between hydrology, plant water stress and soil nutrient cycling

**Researcher:** Christine Goedhart

**Affiliation:** UC, Irvine

**Project Title:** Predicting the response of California woody plants to climate change using plant functional traits and comparative ecophysiology

**Researcher:** Michal I. Shuldman

**Affiliation:** UC, Berkeley