

**Department Of Biology**  
**ACHAUER HONORS SYMPOSIUM**  
**Friday, May 20, 2011**

**REFRESHMENTS: 1:45-2:00pm**  
**Merck Green**

**ORAL PRESENTATIONS: 2:00-4:10pm**  
**Herrin T-175**

<u>Speaker</u>	<u>Time</u>	<u>Title</u>	<u>Research Sponsor</u>
Robert D. Simoni, Chair	2:00	Introduction and Welcome	
Lauren Bell	2:10	Behavioral ecology of the Humboldt squid, <i>Dosidicus gigas</i> : insights from an animal-borne video and data logging system	William Gilly Biology-Hopkins Marine Station
Hannah Lynch	2:25	The effect of introduced canopy tree species on the soil microbial community in Kohala, Hawaii	Peter Vitousek Biology
Ariel Marcy	2:40	Soil clay, bulk density, and shrink swell capacity determine boundaries between morphologically distinct groups of pocket gophers ( <i>Thomomys</i> spp.)	Elizabeth Hadly Biology
Doo Young Lee	2:55	Developing a method for early diagnosis of Alzheimer's Disease (AD)	H. Craig Heller Biology
Max McClure	3:10	Physiological characterization of neurons and synapses in a mouse model of the human chr16p11.2 microdeletion	Ricardo Dolmetsch Neurobiology
Gabrielle Barsh	3:25	The kinase <i>Tricornered</i> functions in Projection Neuron Dendrite Refinement in the <i>Drosophila</i> Olfactory System	Liquan Luo Biology
Dana Neel	3:40	MLL Fusion Partner AF10 Antagonizes Gene Silencing	Gerald Crabtree Developmental Biology
Tiffany Shih	3:55	Characterization of ligand-mediated activation in a molecular dynamics model of the Beta1-adrenergic receptor	Russ Altman Genetics

**POSTER PRESENTATIONS: 4:15-5:00pm**

**RECEPTION: 5:00-6:00pm**

**Merck Green**

## 2011 Poster Presenters

### Student

Stacy Aguilera  
Matthew Alcasid  
Rosalie Bateson  
Kevin Baumgartner  
Stuart Blair  
Timothy Cooper  
Paul DeSalles  
Susan Natalie Eisert  
Mark Evans  
Joseph Falcone  
Mio Frisk  
Marco Garcia  
Mark Garret  
Abigail Groff  
Phong Ha  
Anna Hauswirth  
Margot Hedlin  
Molly Heft-Neal  
Joshua Khani  
Leo Kim  
Arunima Kohli  
Ilan Kolkowitz  
Sarah Kongpachith  
Christina Kratschmer  
Jennifer Levy  
Derek Lu  
Lan Mai  
Milan Manchandia  
Smita Mascharak  
Kaia Mattioli  
Helen McCurdy  
Eric Molina

### Sponsor

Stephen Palumbi  
Albert Wong  
Susan McConnell  
Robert Sapolsky  
Russell Fernald  
Philip Beachy  
Fiorenza Micheli  
Pak H. Chan  
Bruce Buckingham  
Corinna Darian-Smith  
H. Craig Heller  
Kari Nadeau  
Victor May  
Paul Khavari  
H. Craig Heller  
Anne Brunet  
Mary Beth Mudgett  
H. Craig Heller  
Bruce MacIver  
Mehrdad Shamloo  
Jennifer Raymond  
Lawrence Steinman  
PJ Utz  
Sarah Heilshorn  
Russell Fernald  
H. Craig Heller  
Virginia Walbot  
Kenneth Weinberg  
Margaret Fuller  
Ingmar Riedel-Kruse  
Russell Fernald  
Yanmin Yang

### Student

Alexander Neil  
Catherine Nguyen  
Linda Nguyen  
Michael Nguyen  
Thienan Nguyen  
Thuy Nguyen  
Lidia Park  
Marcelina Perez  
David Pham  
Tuong Phan  
Salman Razaque  
Fatima Sabar  
Robert Schiemann  
Vanessa Shiu  
Kamen Simeonov  
Taryn Sumabat  
Lisa Tachiki  
Nicole Tejada  
Shruti Tibrewala  
Vy Tran  
Madina Tugizova  
Alexander Upfill-Brown  
Nancy Wang  
Mike Wei  
Elizabeth Wendel  
Arsani William  
Rachel Wolfson  
Elizabeth Wong  
Cissy Yang  
Maryam Zamanian  
April Zhang  
Lilly Zhu

### Sponsor

Philip Hanawalt  
Liquan Luo  
Virginia Walbot  
Gilbert Chu  
Jonathan Payne  
Ben Barres  
Thomas Rando  
Gregory Barsh  
Marlene Rabinovitch  
Firdaus Dhabhar  
Albert Wong  
Christina Smolke  
Joseph Lipsick  
Matthew Scott  
Michael Clarke  
Jan Skotheim  
Amato Giaccia  
Eugene Butcher  
Russell Fernald  
Upinder Singh  
Kang Shen  
Ricardo Dolmetsch  
Raphael Guzman  
Martha Cyert  
Vivek Bhalla  
Lawrence Steinman  
Calvin Kuo  
Elizabeth Mellins  
Robert Sapolsky  
Margaret Fuller  
Russell Fernald  
Paul Khavari