

**SCHEDULE OF PRESENTERS**  
**CSUC 29<sup>th</sup> Annual Student Research Competition**  
**Wednesday, March 4, 2015, Colusa Hall 100A, 5:00 pm to 8:30 pm**

**Group 1: Humanities, Creative Arts, Education & Social Sciences**

Presenter: **Robert Maxwell Barnes, Economics/Statistics (UG)**  
Paper Title: "Signs of Hope—Help One Child Foundation Independent Survey"  
Faculty Mentor: Dr. Dustin Paisley

Presenter: **Shauna Gowdy, Social Work (Grad)**  
Paper Title: "Father Engagement Practices"  
Faculty Mentor: Dr. Susan Roll

Presenter: **Kevin Svahn, English Education (UG)**  
Paper Title: "Creative Writing Project: A Personal Essay"  
Faculty Mentor: Dr. Robert Davidson

Presenter: **Rodney Thomson, History (UG)**  
Paper Title: "The Evolution of Anti-War Activism at Chico State College, 1959-1966 "  
Faculty Mentor: Dr. Jason Nice

Presenter: **Timothy Sain, Education (Grad)**  
Paper Title: "Motivational Effects of Achievement Badges in Education"  
Faculty Mentor: Dr. Cris Guenter

**Judges:**

**Dr. Maris Thompson, School of Education**

**Dr. Robert Tinkler, History**

**Dr. Jennifer Wilking, International Relations/Political Science**

**Group 2: Behavioral & Social Sciences, Nutrition & Food Sciences, Education**

Presenter: **Kelsey Beers Caldwell, Communication Studies (Grad)**

Paper Title: "Domestic Violence; Not a Deal Breaker: An Analysis of #WhyIStayed Tweets"

Faculty Mentor: Dr. Susan Avanzino

Presenters: **Tessa Hanson, Exercise Physiology (UG)**

Paper Title: "Baseball Feet-First Sliding Technique"

Faculty Mentor: Dr. Cheng Tu Hsieh

Presenter: **Zachary Lamm, Exercise Physiology (UG)**

Paper Title: "Attack height and jump height for men's volleyball players"

Faculty Mentor: Dr. Cheng Tu Hsieh

Presenter: **Lindsey Runge, Psychological Science (Grad)**

Paper Title: "The Theories of Sexism Measure: Differentiating Between Fixed and Malleable Perspectives toward Sexist Attitudes"

Faculty Mentor: Dr. Linda Kline

Presenter: **Crystal Vasquez, Nutrition & Food Science (UG)**

Paper Title: "Association of Parental Attitudes and Restrictions during Childhood on College Students' Eating Habits"

Faculty Mentor: Dr. Julie Holland

**Judges:**

**Dr. Jon Caudill, Criminal Justice**

**Dr. Susan J. Roll, Social Work**

**Dr. Matthew Thomas, Political Science**

### **Group 3: Physical, Mathematical, Agricultural, and Biological Sciences; and Engineering**

Presenter: **Kevin Anderson, Geosciences/Hydrology (Grad)**  
Paper Title: "Modeled Effects of Rice Field Fallowing on Groundwater Systems in the Sacramento Valley, CA"  
Faculty Mentor: Dr. Steffen Mehl & Dr. Eric Houk

Presenter: **Juan Manuel Diaz, Mechanical Engineering (UG)**  
Paper Title: "Butte County Compressed Air for Energy Storage Power Plant Sizing"  
Faculty Mentor: Dr. David G. Alexander

Presenter: **Masaki Hamada, Environmental Science (Grad)**  
Paper Title: "Optimization of the Cross-correlation Algorithm Using Synthetic Backscatter Images and Synthetic Wind Velocity Fields"  
Faculty Mentor: Dr. Shane D. Mayor

Presenter: **Tina Candelo Mize, Agricultural Sciences (option in Crops and Horticulture) (UG)**  
Paper Title: "Effects of biochar and rice hull amended compost on potting media and native soil"  
Faculty Mentor: Dr. Kasey DeAtley

Presenter: **Keerthana Sekar, Biological and Biomedical Sciences (Grad)**  
Paper Title: "Impact of H5N1 influenza virus replication on macrophage function"  
Faculty Mentor: Dr. Troy Cline

Presenter: **Ravi Shankar, Mathematics (UG)**  
Paper Title: "Estimating Wave Collapse Times"  
Faculty Mentor: Dr. Sergei Fomin

Presenter: **Alexander Stanton, Biology (Grad)**  
Paper Title: "Deacetylation as a mechanism for repression of microRNA-375, a factor involved in Type 2 Diabetes"  
Faculty Mentor: Dr. David Keller

Presenter: **Melissa Ann Sutton, Biology-Ecology (Grad)**  
Paper Title: "Geometric Morphometric Analysis of Lynx Rufus to examine potential divergence of subpopulation due to geographic specialization"  
Faculty Mentor: Dr. Tag Engstrom

**Judges:**  
**Dr. John Mahoney, Biological Sciences and Director of Honors Program**  
**Dr.Carolynn Chin Arpin, Chemistry and Biochemistry Department**  
**Dr. Jonathan Day, Biological Sciences Department**  
**Dr. David Stachura, Biological Sciences Department**