

**2016 – 17 Research and Creative Activity (RCA)  
Faculty Awardees – June 2016**

**ARTS & LETTERS**

**Art**

Connelly, Andrew  
*Objects in Transition*

Constantino, Valerie  
*Crossing Sublime (After 'After Nature')*

O'Brien, Elaine  
*Art in Northern California in the Sixties and  
Seventies*

**Communication Studies**

Burnett, Nicholas  
*Capital Public Radio Curriculum Outreach Project*

Irwin, Jacqueline  
*Travel to Kollwitz Museum, Berlin*

Stitt, Carmen  
*Investigating the Influence of Messages About  
Alternative Birth Options on Women's Beliefs*

Stoner, Andrew  
*Gay as a Crime: A Mediated History of  
Homosexuals in America*

**Design**

Poor, Nigel  
*San Quentin Archive Project*

**English**

Cope, Jonas  
*"His Mind Was... My Disease': Affect Theory and  
Eliza Fenwick's Secrecy"*

**History**

Austin, Paula  
*'Why Must Such Extreme and Fatal Force Be  
Used': The Movement Against Police Violence in  
the U.S. Capital, 1900-1942*

Kluchin, Rebecca  
*Pregnancy and Personhood: The Maternal-Fetal  
Conflict in American, 1850-the Present*

Lazaridis, Nikolaos  
*Ancient Traveler's Graffiti from Egypt and Greece*

Siegel, Mona  
*Women and the Promise of 1919*

Wilson, Jeffrey  
*Wood in the Age of Total War: Timber as a  
Strategic Commodity, 1910-1950*

**Music**

Savino, Richard  
*Kingdoms and Viceroy's; Performance Practices  
Spanish and Latin American Baroque and Early  
Classical Epochs*

**World Languages & Literature**

Carle, Barbara & Smith, Curtis  
*A Voyage Between Heaven and Earth: Poems in  
Classical Chinese, English, and Italian*

**BUSINESS ADMINISTRATION**

Lin, Hao  
*Information Transmission and Volatility Spillover  
of Chinese Cross-Listed Stocks in the United  
States*

Ozcelik, Hakan  
*Antecedents to Work Loneliness: Employees'  
Attachment Styles, Perceived Supervisor Support,  
and Affective Culture of Companionate Love*

## **EDUCATION**

### **Teaching Credentials**

Gee, Kathleen  
*The Twin Rivers Unified School District & CSUS Collaborative*

## **ENGINEERING & COMPUTER SCIENCE**

### **Civil Engineering**

Poindexter, Cristina  
*Investigation of the Role of Backwater Zones in Accretion at a Managed Delta Wetland*

Khan, Ghazan  
*Development of Transportation Asset Management and Delta Collection System (TAMS) Using Mobile Applications*

### **Electrical and Electronic Engineering**

Zarghami, Mahyar & Yazdani, Atousa  
*Implementation of a Wide-Area Loss-Index Based Method to Control and Protect Electric Power Systems against Voltage Instability*

### **Mechanical Engineering**

Zhou, Dongmei  
*Clean Electricity and Free Fresh Water-Beat Drought*

## **HEALTH & HUMAN SERVICES**

### **Criminal Justice**

Moffat, Shelby  
*Law Enforcement Candidate Scholar's Program*

Singer, Jennie  
*A Process and Outcome Evaluation of Sacramento Probation's Adult Day Reporting Centers*

### **Nursing**

Blackburn, Samantha  
*Publishing Research on the Work of School Health Administrators in California*

Dang, Michelle  
*Understanding Barriers to STI Testing and Safe Sex Among Homeless Youth: A Qualitative Study*

### **Physical Therapy**

Moore, Brian  
*Investigation of the Observer Effect in the Measurement of Walking Speed*

## **LIBRARY**

Paganelis, George  
*History of Greeks in California Agriculture*

## **NATURAL SCIENCES & MATHEMATICS**

### **Biological Sciences**

Davidson, Timothy  
*Will Ocean Warming Drive the Expansion of Destructive Subtropical Marine Borers Into Temperate Waters on the Pacific Coast of North America?*

Holland, Brett  
*Measuring Female Fecundity as a Function of Mating Frequency in *D. Melanogaster**

### **Chemistry**

Houston, Jacqueline  
*Development of Efficient and Reusable Molybdenum Catalysts*

Miller-Schulze, Justin  
*Development of a GC-MS Method for Polar Organic Molecules as Chemical Tracers of Human Wastewater*

Spence, John  
*Shedding Light on Rational Drug Design*

### **Geology**

Paukert, Amelia  
*Characterization of the CSU Sacramento Campus Aquifers*

**SOCIAL SCIENCES & INTERDISCIPLINARY  
STUDIES**

**Anthropology**

Fisher, Jacob

*Demographic Collapse and Protohistoric Large  
Game Rebound in Native California*

Walker, Michael

*Governing Land Through the Law: Rights,  
Recognition, and Justice in Mozambique*

**Government/International Affairs**

Andersen-Rodgers, David

*Human Security: Theory and Action*

Barker, David

*Diagnosing Civic Unreasonableness: The  
Paradoxical Impact of Civic Engagement*

**Psychology**

Calton, Jeffrey

*The Role of Theta Rhythm in the Brain Networks  
That Mediate Navigational Behavior*

**Public Policy and Administration**

Lascher, Edward & Hussey, Wesley

*Ballot Measures and Economic Redistribution*