

# RESEARCH & CREATIVE ACTIVITY FACULTY AWARDS

Recipients for Academic Year 2020-21

## ARTS & LETTERS

### Art

Valerie Constantino  
*Love Letters*

Mya Dosch  
*Completing the Final Chapter of "Dissident 1968: Art, Architecture, and the Afterlives of the Mexican Student Movement"*

### Communication Studies

Kathryn Kasic  
*Subglacial Salsa: Films and PBS Learning Media of Antarctica*

### English

Jonas Cope  
*Sonnets and Cells: Wordsworth's Prefatory Sonnet Revisited*

Torsa Ghosal  
*Towards a Post-Secular Narrator: Omniscient Storytelling in Eco-fictions*

Christine Lupo  
*Shapeshifting and Corporeal Transcendence in Nnedi Okorafor's Who Fears Death"*

Samuel Williams  
*Replaced*

### History

Serpil Atamaz-Topcu  
*The introductory chapter for my monograph on violence against women in early Turkish Republic (1923-1940)*

Rebecca Kluchin  
*Personhood: A History of Pregnancy, Abortion and Reproductive Justice in America*

Mona Siegel  
*Edited book chapter: Feminism and Internationalism in the Wake of 1919*

### Music

Scott Perkins  
*A New Work for the Hartford Choral*

## World Languages & Literatures

Kristina Vassil  
*Translating Maedako Hiroichiro's "The Passengers in Steerage" (1921)*

## BUSINESS ADMINISTRATION

Zafor Ahmed  
*Information System Implementation Success: A Novel Perspective*

Nuriddin Ikromov  
*Attitudes Towards Markets and Entrepreneurship: The General Public vs. Bureaucrats*

## EDUCATION

### Graduate and Professional Studies

Arlene Ortiz  
*Early Literacy Achievement Model for Dual Language Learners*

### Teaching Credentials

Eric Claravall  
*Exploring Teacher Candidates' Understanding of Compassionate Pedagogy in A Socially Just and Equitably Inclusive K-12 Education*

### Undergraduate Studies in Education

Basia Ellis  
*"Living with Undocumented Status": A Research-Informed Book for Academics and Professionals*

Alma Flores  
*Motherhood on the Tenure-Track: Examining the Experiences of Chicana/Latina Mothers in the California State University System*

Sue Hobbs  
*Listening to Foster Children: Examining Experiences and Satisfaction with Care*

## ENGINEERING & COMPUTER SCIENCE

### Civil Engineering

Zoi Dokou

*Groundwater resilience to hydrologic extremes and climate variability: The case of hurricane Dorian*

Amir Motlagh

*Optimization of a cost-effective and eco-friendly technique for treatment of agricultural runoff containing pesticides*

## HEALTH & HUMAN SERVICES

### Communication Sciences & Disorders

Laura Gaeta

*Validation and feasibility of using a smartphone-based hearing assessment application to explore risk factors for hearing loss in young adults*

### Criminal Justice

Nicole Fox

*Private and Public Narratives of the Greensboro Massacre*

### Kinesiology

Gwenaelle Begue and Matthew Brown

*Exercise-Induced Brain-Boosting Molecules in Patients with Parkinson's disease*

Matthew Brown

*Relationship between brain neurophysiology, cognition, and binge drinking in young adults*

Gretchen Casazza and Gwenaelle Begue

*Effects Of Menstrual Cycle Phase On Muscular Performance And Repair After Resistance Exercise-Induced Muscle Damage*

## LIBRARY

George Paganelis

*The Greek Agricultural Experience in Southern California*

## NATURAL SCIENCES AND MATHEMATICS

### Biological Sciences

Lani Gleason

*Investigating the Transcriptomic Response to Heat Stress and Starvation in the Economically Important Red Abalone *Haliotis rufescens**

Eliza Morris and Kimberly Mulligan

*Determining the reciprocal impacts of an autism-risk gene and the gut microbiome on gut tensile strength in *Drosophila**

### Chemistry

Johannes Bauer

*Does social environment shape longevity?*

Justin Miller-Schulze and Susan Crawford

*Chemical Characterization of 3D Printer Emissions and Efficacy of Emissions Treatment*

Stefan Paula

*Developing a novel class of enzyme inhibitors as agents against malaria*

### Mathematics and Statistics

Sayonita Ghosh Hajra

*Exploring the Learning Trajectories of Prospective Elementary Teachers on the Mathematical Concept of Area*

### Physics and Astronomy

Eliza Morris and Kimberly Mulligan

*Determining the reciprocal impacts of an autism-risk gene and the gut microbiome on gut tensile strength in *Drosophila**

## SOCIAL SCIENCES & INTERDISCIPLINARY STUDIES

### Economics

Herman Li

*The Low-Income Housing Tax Credit and (Future) Housing Affordability*

### Family and Consumer Sciences

Nadine Braunstein

*Associations of the use of the Sac State ASI Food Pantry and measures of academic success*

### Psychology

Greg Kim-Ju and Casey Knifsend

*The SEL Project*

### Women's Studies

Tristan Josephson

*On Transits and Transitions*

For more information about this program, go to [csus.edu/research/rca](https://csus.edu/research/rca).



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