ORSP Research Week 2021
ORSP hosted the 2021 Research Week from April 19 – 23rd. The five-day event featured a keynote speech from Dr. Hala Madanat, who spoke about sustaining research in the CSU system; a faculty panel with a diverse selection of faculty from across campus, who discussed sustaining research, scholarship, and creative activities at CSUF; and a lecture from the L. Don Shields Excellence in Scholarship & Creativity Award recipient, Dr. Sudarshan Kurwadkar. ORSP’s Research Week also included a Faculty/Staff PI Recognition, a Faculty Virtual Research Networking Event, and 2021 Student Creative Activities and Research (SCAR!) Days.

35th Annual California State University Student Research Competition
Eleven CSUF undergraduate and graduate students competed in the recent 35th annual California State University Student Research Competition, and four of them won top awards. Terri Patchen, Faculty Fellow for student creative activities and research (SCAR), mentored the finalists and helped them develop their research presentations and prepare for the live Zoom Q&A session before a panel of judges and an audience. The award-winning research projects focus on finding treatments to combat Alzheimer’s disease; understanding the impact of wrack and trash in Orange County’s Newport Bay; the relationship of gender to the choral conducting profession; and examining whether former President Trump’s immigration policies influence white and Latino support for the “American Dream.” This year’s virtual competition, hosted by Cal Poly Pomona, featured 197 projects presented by undergraduate and graduate students from across the CSU system.

The CSUF finalists who won awards:
Kathryn Eckholdt, Undergraduate, Biology, NSM
Second Place, Biological and Agricultural Sciences
Title: Talking Trash: Will a Trash Interceptor in Newport Bay, CA Intercept Wrack Subsidies, Too?
Faculty Mentor: Dr. Danielle Zacherl

Sierra Farquhar-Wulff, Graduate, Music, COTA
First Place, Creative Arts & Design
Title: Gender Discrimination in the Choral Conducting Profession
Faculty Mentor: Dr. Rob Istad

Makar Makarian, Undergraduate, Chemistry and Biochemistry, NSM
Second Place, Biological & Agricultural Sciences
Title: Microwave-assisted Synthesis and Kinetic Studies of Donepezil-based Acetylcholinesterase Inhibitors for the Treatment of Alzheimer’s Disease
Faculty Mentor: Dr. Stevan Pecic

Alexa Vega Rivas, Undergraduate, Psychology, HSS
First Place, Behavioral, Social Sciences, and Public Administration
Title: Trump’s Immigration Policy Impact on White and Latinx People and Their Endorsement of the American Dream
The following students also participated in the 2021 CSUF Student Research Competition and deserve recognition for their tremendous efforts, as well:

Patrick Babb and Kye Arai, Undergraduates, Mechanical Engineering, ECS
Title: *Titan Wildfire Infrared Prevention Satellite CubeSat*
Faculty Mentor: Dr. Sagil James

Asha Bhattacharya, Undergraduate, Management, CBE
Title: *Leadership Emergence: Is it Only About a Promotion Mindset?*
Faculty Mentor: Dr. Ryan Gottfredson

Gwendolyn Lind, Undergraduate, Mathematics, NSM
Title: *A Few Strategies for the Statistical Modeling of the COVID-19 Pandemic Data*
Faculty Mentor: Dr. Sam Behseta

Alejandra Tantamango Gavilan, Graduate, Economics, CBE
Title: *Sanctuary Policies: Do They Affect Wages and Employment?*
Faculty Mentor: Dr. Andrew Gill

Navid Tavakoulnia, Graduate, Mechanical Engineering, ECS
Title: *Stent Placement for Patients with Congenital Heart Defects*
Faculty Mentor: Dr. Justin Tran

Marissa Wu, Graduate, Biological Science, NSM
Title: *The Effect of Muscle Contractions on Gamete Plumes during the Reproductive Spawning of the Red Abalone, Haliotis Rufescens*
Faculty Mentor: Dr. Danielle Zacherl

### 2021 Student Creative Activities and Research (SCAR!) Days

This year, Student Creative Activities and Research (SCAR!) Days was held virtually for the first time ever! Over two weeks, 93 students presented 59 posters of their scholarly and creative activities which attracted over 1000 visits to SCAR Days. At the close of SCAR Days, we honored the Outstanding Student Scholarly and Creative Activities (OSSCA) Award undergraduate and graduate students, as well as announcing five Outstanding SCAR Days poster awards. Please join us in congratulating the students listed below.

### 2021 Outstanding Student Scholarly and Creative Activities Award Recipients

**College of the Arts**

Alex Padilla, Theatre and Dance, Undergraduate
Mentor: Rebecca Kessin, Faculty of Design and Technical Production

Carson Julian, Theatre and Dance, Graduate
Mentor: Hyun Sook Kim, Associate Professor of Design and Technical Production

**College of Business and Economics**

Asha Bhattacharya, Management, Undergraduate
Mentor: Dr. Ryan Gottfredson, Assistant Professor of Management

**College of Communications**

Rebecca Case, Communication Sciences and Disorders, Undergraduate
Mentor: Dr. Lisa Erwin-Davidson, Assistant Professor of Communication Sciences and Disorders

Carina Barbosa, Communication Sciences & Disorders, Graduate
Mentor: Dr. HyeKyeung Seung, Professor of Communication Sciences and Disorders; Dr. Terry Saenz, Professor of Communication Sciences and Disorders

**College of Education**

Itiel Barrera, Special Education, Graduate
Mentor: Dr. Aja McKee, Assistant Professor of Special Education

Jermain Pipkins, Educational Leadership, Doctorate
Mentor: Dr. Ding-Jo H. Currie, Distinguished Faculty of Higher Educational Leadership

**College of Engineering and Computer Science**

Patrick Babb, Mechanical Engineering, Undergraduate
Mentor: Dr. Sagil James, Assistant Professor of Mechanical Engineering

Jo Wang Dickinson, (f.k.a. Danzhou Wang), Mechanical Engineering, Graduate
Mentor: Dr. John W. Sanders, Assistant Professor of Mechanical Engineering

**College of Health and Human Development**

**Arriel Alvarez**, Public Health, Undergraduate
Mentor: Dr. Bo Park, Assistant Professor of Public Health

**Delia Sanchez**, Public Health, Graduate
Mentor: Dr. Portia Jackson Preston, Assistant Professor of Public Health

**College of Humanities and Social Sciences**

**Alan A. Guandique**, Psychology, Undergraduate
Mentor: Dr. Lisa Mori, Professor of Psychology

**Dylan Serpas**, Psychology, Graduate
Mentor: Dr. Barbara Cherry, Professor of Psychology; Dr. Laura Zettel-Watson, Professor of Psychology

**College of Natural Sciences and Mathematics**

**Gwendolyn Lind**, Mathematics, Undergraduate
Mentor: Dr. Sam Behseta, Professor of Mathematics

**Courtney White**, Physics, Graduate
Mentor: Dr. Gina Passante, Associate Professor of Physics

**2021 SCAR Days Outstanding Student Posters**

**Shameem Ahmed**, Undergraduate, Graphic and Interactive Design, COTA
Mentor: Cheryl Savala
Poster Title: 30 Days of Influential Women of the 21st Century

**Cailin McLaughlin**, Graduate, Evolutionary Anthropology, HSS
Mentor: Dr. Sara Johnson
Poster Title: Life History Plasticity of Managed Honeybees; Behavioral Response to Environmental Conditions that Prompt or Attenuate Varroa Destructor

**Delia Sanchez**, Graduate, Public Health, HHD
Mentor: Dr. Portia Jackson Preston
Poster Title: An exploration of mental health risk and protective factors among individuals supporting identity groups at universities

**Zahra Tahmasebi**, Graduate, Psychology, HSS
Mentor: Dr. Douglas Navarick
Poster Title: Perceived Wrongness of Unintended Harm Caused by Distracted Driving

**Anthony Truong, Brian Quisenberry & Christine Gamez**, Undergraduates, Mathematics, NSM
Mentor: Dr. Alison Marzocchi
Poster Title: Representation of Women and STEM Careers in Middle School Mathematics Textbooks

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**National Science Foundation (NSF) Spring 2021 Virtual Grants Conference**

On June 7th – June 11th the NSF will be holding their Spring 2021 Virtual Grant Conference. The conference will be broadcast live on Zoom. To register for this free event, please visit the conference website and note registration is required for each Zoom session. If you are unable to attend the live conference, all conference sessions will be recorded and available on-demand shortly after the event and posted on NSF’s website and NSF’s YouTube page.

**ASC Special Consultant Payment Request System**

The Special Consultant Payment Request system (SCPR) is the online system used to request and approve faculty additional pay funded by ASC and Philanthropic Foundation accounts. A link to the SCPR system now appears on the ASC home page next to the Employee Portal at csufasc.com or fullerton.edu/asc.

**April 2021 Notices of Awards and Supplements**

CSUF received notification of 6 new awards or fully negotiated contracts for $333,576 in April.
<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor</th>
<th>Proposal Title</th>
<th>Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fousekis, Natalie</td>
<td>Secretary of the State</td>
<td>The California State Archives Oral History Project</td>
<td>$12,834</td>
</tr>
<tr>
<td>Gil-Trejo, Laura</td>
<td>City of Stanton Prime Sponsor: State of California</td>
<td>Evaluation Services to Support AB 97 Activities Year 4</td>
<td>$70,000</td>
</tr>
<tr>
<td>Gil-Trejo, Laura</td>
<td>County of Orange, Health Care Agency</td>
<td>Tobacco Use Prevention Program Telephone Survey</td>
<td>$60,798</td>
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<tr>
<td>Heiner, Brady</td>
<td>CSU Project Rebound Consortium</td>
<td>Food Justice Initiative</td>
<td>$30,000</td>
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<tr>
<td>Yang, Joshua</td>
<td>The Regents of the University of California, Office of the President</td>
<td>A “digital” mixed methods evaluation of university tobacco-free policies</td>
<td>$99,988</td>
</tr>
</tbody>
</table>

**An Introduction to Cayuse IRB Electronic Submission Process**

Zoom Workshops will summarize the Cayuse IRB electronic submission process, creating an account under Cayuse for faculty and student PIs, amendments, renewals, and how to edit a current protocol. To schedule your one-on-one Zoom meeting email irb@fullerton.edu. Faculty are welcome to share this information for their students to also contact our office for one-on-one trainings to assist them in navigating through the Cayuse IRB system.

**Full-Review IRB Submission Deadlines**

Exempt and Expedited applications (studies with minimal risk) can be submitted via the Cayuse IRB online submission website. These are reviewed and approved on an ongoing basis.

CSUF IRB will continue to host the monthly Full-Review meetings via Zoom. Visit the [CSUF IRB web page](https://www.fullerton.edu/irb) for additional information regarding the full review committee meeting dates and review process.

<table>
<thead>
<tr>
<th>Submission Deadline</th>
<th>IRB Meeting</th>
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<tbody>
<tr>
<td>April 30, 2021, by noon</td>
<td>Friday, May 14, 2021</td>
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<tr>
<td>May 28, 2021, by noon</td>
<td>Friday, June 11, 2021</td>
</tr>
<tr>
<td>July – No Meeting</td>
<td>July – No Meeting</td>
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<tr>
<td>July 30, 2021, by noon</td>
<td>August 13, 2021</td>
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<tr>
<td>August 27, 2021, by noon</td>
<td>September 10, 2021</td>
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For updated information, follow us on:

Visit [ORSP Monthly Updates](https://www.fullerton.edu/orsp) for current and previous ORSP monthly updates.

For feedback, questions or concerns, please contact: ORSP@Fullerton.edu