

## STUDENT SPOTLIGHT

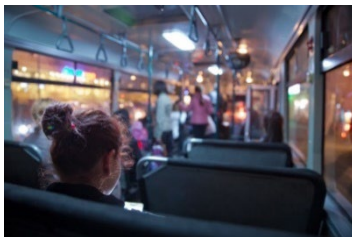


**Viviana Alvarez Rodriguez** is an undergraduate senior majoring in history. She began attending CSUSB in the fall of 2018. During the past 2 years, she has participated in several academic conferences presenting research. At the 2022 CSU Research Competition, Viviana had the opportunity to represent CSUSB. Recently she had the opportunity to participate in the Summer Undergraduate Research Fellowship program at UCI, where she spent the summer doing research under the mentorship of Dr. Rachel O'Toole. As a Mellon Mays Undergraduate Fellow and more recently, a CSU Pre-doctoral Scholarship recipient, Viviana had the opportunity to do research at CSUSB on student involvement in the Nicaraguan Revolution under the mentorship of Dr. Santoni. "My research interest is in student activism and youth mobilization from the 1970s to the contemporary". Once Viviana completes her BA in history, she would like to pursue a doctoral degree with the goal of becoming a professor at a public university.

## FEATURED CENTER

### LEONARD TRANSPORTATION CENTER (LTC)






Under the leadership of Dr. Kimberly Collins, the LTC is exploring mobility equity and sustainability in the Inland Empire. "We are looking to better understand and provide policy input to innovative methods that will improve the service and mobility of disadvantaged communities in the region." The transportation system has been constructed with primarily automobile travel in mind. Still, public transportation is a vital mobility factor for many people in the I.E. The LTC completed a study this past year that explores the performance of public transit services and their impact on underserved communities using big data, data mining, and modeling. CSUSB undergraduate and graduate students also participated in the research and implementation process. The results provide a basis for further understanding the needs of the region and envisioning a better system for mobility. This project aligns with the LTC vision "Leonard Transportation Center (LTC) believes that the region's transportation system is at a critical point where innovative transportation solutions need to be implemented to improve the Inland Empire (IE) residents' quality of life."



## AGENCY NEWS

The National Science Foundation (NSF) has released information on its Proposal and Award Policies & Procedures Guide (PAPPG), effective January 30, 2023. Important summary of changes to the PAPPG can be found at <https://beta.nsf.gov/policies/pappg/23-1/summary-changes>.

## 2022-23 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
 \$42.4M	 \$25.3M	 \$7.1M	 205	 22

<sup>1</sup> Grants and contracts submitted/awarded, July 1 to September 30, 2022.  
<sup>2</sup> Funds expended from July 1 to September 30, 2022.  
<sup>3</sup> From Web of Science *only*, January 1 to November 28, 2022.  
<sup>4</sup> Institutional Review Board (IRB) applications, July 1 to September 30, 2022.

## FACULTY SPOTLIGHT



Dr. Brian Heisterkamp is a Professor of Communication Studies, with specialization in Language and Social Interaction and Conflict Management/Mediation. Dr. Heisterkamp led the successful implementation of the US Department of Education (ED) HSI grant, "Here to Career" from 2016 – 2022. He was awarded another 5-year (2022-2027), \$3 million, ED grant to support "Pathways to Success," a collaborative project with Norco College and San Bernardino Valley College. The project aims to "expand education opportunities in the arts and humanities by improving career readiness, enhancing student success, and expanding opportunities for engagement with high-impact practices through offering career readiness programming, internships, asset-based teaching, peer-mentoring, family outreach, asset-based teaching, peer-mentoring, family outreach, and interdisciplinary project engagement." For more details see the [Inside CSUSB article](#).

## FUN TIMES

This year, the Academic Research (AR) Team welcomed future members of the Coyote Pack!



## NOTICES OF NEW AWARDS

CSUSB received 31 new grant awards for the total amount of **\$35,858,686** from July 2022 to September 30, 2022.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark*</b> Child Development	San Bernardino County Superintendent of Schools	Quality Start San Bernardino - SBCSS 2022-23	\$216,000
<b>Agars, Mark*</b> Child Development	San Bernardino County Superintendent of Schools	Tutoring Program 2022-23	\$51,179
<b>Agars, Mark*</b> Child Development	San Bernardino County Superintendent of Schools	BeFAST Cognitive Training Program	\$200,000
<b>Agars, Mark*</b> Child Development	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (QSRC 2022-23)	\$175,700
<b>Alford, Jennifer*</b> Geography	Inland Empire Resource Conservation District	Community-Based Forest Resiliency, San Bernardino National Forest, California	\$159,996
<b>Bichler, Gisela*</b> Criminal Justice	Sam Houston State University (Prime: National Institute of Justice)	Gun Wars and Community Terrorization: Investigating Longitudinal Gang Violence in New Jersey from a Networked Perspective	\$47,244
<b>Bidgoli, Tandis*</b> Geology	National Science Foundation	EAGER: Using machine learning to develop a calibrated, remote sensing- based age model to improve late Quaternary slip-rate estimates in arid environments	\$145,692
<b>Brunet, Nicolas*</b> Psychology	National Institutes of Health	Improving the reliability of eye tracking to diagnose concussion	\$296,639
<b>Chao, Mike*</b> <b>Vickers, C. (Co-PI),</b> <b>Pantula, S. (Co-PI)</b> <b>Nickerson, D. (Co-PI),</b> Biology	National Science Foundation	HSI Institutional Transformation Project: Retention and Achievement for Introductory STEM English Learners (RAISE)	\$2,993,497
<b>Coulson, Tony*</b> IDS & CSC	National Security Agency	GenCyber High School at CSUSB (2022- 2024)	\$81,440
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	National Security Agency	NSA_CAЕ National Center_2022-2025	\$17,576,032
<b>Crismani, Matteo*</b> Physics	National Aeronautics and Space Administration	Martian Cloud Watching	\$72,002
<b>Dhillon Brar, Manpreet*</b> Child Development	College Futures Foundation	Decreasing Equity Gaps in Degree Completion by Empowering CSU Students, Staff, and Faculty through Action-Oriented Projects informed by Intergroup Dialogue	\$125,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2022 – September 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Gomez, Edward*</b> Art	American Council of Learned Societies (Prime: National Endowment for the Humanities)	The MexiCali Biennial: The Land of Milk and Honey	\$66,906
<b>Gomez, Pablo*</b> Psychology	National Science Foundation	Collaborative Research: Reviewer Zero: Changing the culture of peer review to increase diversity, equity, & inclusion	\$117,053
<b>Heisterkamp, Brian*</b> Communications	U.S. Department of Education	Pathways to Success: Creating Opportunities in the Arts and Humanities	\$2,993,140
<b>Hernandez, Dalia*</b> Student Affairs	U.S. Department of Education	Upward Bound Math Science RUSD 2022-2027	\$1,488,005
<b>Hood, Carol*</b> Physics	Riverside Community College District (Prime: National Science Foundation)	HSI Implementation and Evaluation Project: STEM Equity through Faculty Innovation	\$208,526
<b>Huhn, Arianna*</b> Anthropology	Institute of Museum and Library Services	Afróntalo Exhibition	\$49,995
<b>Jones, Jacob*</b> Psychology	Washington State University (Prime: National Institutes of Health)	URBAN Native Elders (URBANE): Risk and Protective Factors for Alzheimer's and Related Dementias	\$376,648
<b>Lopez Perez, Lua*</b> Biology	National Science Foundation	NSF-BRC-BIO The only way is up: using historical and contemporary samples to elucidate the mechanisms behind altitudinal range expansion	\$500,611
<b>Nestler, Vincent*</b> IDS	Pacific Northwest National Laboratory (Prime: U.S. Department of Energy)	Cyber Halo Innovation Research Program (CHIRP)	\$483,928
<b>Nestler, Vincent*</b> <b>Coulson, T. (Co-PI)</b> IDS	U.S. Department of Homeland Security	Cyber Career Pathways Micro-Challenges	\$1,020,226
<b>Nestler, Vincent*</b> IDS	Norwich University (Prime: National Security Agency)	NCAEC-001-2022 CPNC - 2.1.5. Competency Development and Documentation	\$494,795
<b>Ni, Anna (Ya)*</b> <b>McIntyre, M. (Co-PI),</b> <b>Hou, Y. (Co-PI)</b> Public Administration	National Science Foundation	HSI Pilot Project: Improving Online STEM Education for Undergraduate Students in HSI contexts	\$199,952
<b>Stull, Michael*</b> <b>Gudino, J. (Co-PI)</b> Inland Emp Ctr for Entr	U.S. Small Business Administration	CVWBC Renewal 2022-23	\$150,000
<b>Stull, Michael*</b> <b>Shelton, K. (Co-PI)</b> Inland Emp Ctr for Entr	U.S. Small Business Administration	IEWBC Renewal 2022-23	\$149,999
<b>Sudhakar, Samuel*</b> ITS	San Diego Supercomputing Center/UC San Diego (Prime: National Science Foundation)	CyberTraining: CIP: Training and Developing a Research Computing and Data (RCD) CI Professionals Community (RCD-CIP)	\$1,194,674
<b>Van Schagen, Amy*</b> <b>Agars, M. (Co-PI)</b> Child Development	San Bernardino County Superintendent of Schools	Workforce Pathways - Early Childhood Administrative Leadership Certificate (ECAL) 2022/2023	\$300,000

## NOTICES OF NEW AWARDS JULY 2022 – September 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Weiss, Douglas*</b> <b>Norris, A. (Co-PI),</b> <b>Marteache, N. (Co-PI),</b> <b>Bichler, G. (Co-PI)</b> Criminal Justice	Riverside County Probation Department	Riverside County Probation Department Systemic Racism Project	\$249,995
<b>Wilcox-Herzog, Amanda*</b> Child Development	U.S. Department of Education	CCAMPIS at California State University San Bernardino	\$3,673,812

\*Principal Investigator

**WE DEFINE THE** *Future*

*Spon\_Pgm\_PreAward@csusb.edu*

## STUDENT SPOTLIGHT



**Camille Montoya's Story** - I started college in the Spring of 2019, 28 years after graduating from high school, at College of the Desert and decided on Psychology as my major. I transferred to California State San Bernardino, Palm Desert Campus for the Fall of 2021. In the Spring of 2022, I had Dr. Gomez for my Research Methods class where I learned of the research he was

conducting that involved data analysis from EEG studies, specifically ERPs surrounding perceptual analysis and responses to stimuli and the influence of flankers, morphed targets, and priming on behavior and decision making. I was accepted into the NIH-funded U-RISE program over the Summer which affords me the opportunity to commit more time to this research, since the stipend helps with living expenses. The U-RISE program, along with the Psychology Honors program, are also helping me to learn what is involved in research and teaching me valuable skills, such as how to go about getting into graduate school. I am grateful to Dr. Gomez because I would not have even known about these opportunities. He also has created a very welcoming environment in his lab for students interested in practicing science and invests in his students patiently, making sure that we are understanding what we are doing. I am also grateful to Dr. Crawford for all her hard work invested in the U-RISE students. I have already learned and felt challenged this semester, which is intimidating, but exciting too.






## PALM DESERT CAMPUS



This September, the Academic Research leadership team visited the CSUSB Palm Desert Campus (PDC) to meet with its faculty, students, and staff. The PDC opened in the Fall of 1986 under the name the Coachella Valley Center. The campus was

established in response to the need for a state-supported undergraduate and graduate education in the greater Coachella Valley area. Over the past 35 years, the PDC grew its student enrollment by expanding curricular offerings, building new facilities, and increasing services provided to the students. As of January 2020, the PDC started hiring tenure-line faculty who bring a wealth of professional expertise and whose research and creative activities strengthen PDC's presence as an academic institution and provide research opportunities to the students. The summaries of the PDC's new faculty research and creative activities can be found on the following website: <https://www.csusb.edu/pdc/faculty-and-staff-directory/meet-new-full-time-faculty-pdc>.

## 2021-22 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
				
\$140.3M	\$47.3M	\$34.4M	48	215

<sup>1</sup> Grants and contracts submitted/awarded, July 1, 2021 to June 30, 2022.  
<sup>2</sup> Funds expended from July 1, 2021 to June 30, 2022.  
<sup>3</sup> From Web of Science *only*, January 1 to June 30, 2022.  
<sup>4</sup> Institutional Review Board (IRB) applications, July 1, 2021 to June 30, 2022.

## FACULTY SPOTLIGHT



**Dr. Sarah L. Dunn** joined the CSUSB Kinesiology Department in 2020 as an Associate Professor for the Palm Desert Campus (PDC). Her areas of scholarly expertise are in the early mechanisms for disease risk in young adults which includes inflammation, metabolic dysfunction, adiposity, and vagal insensitivity. In addition to her discipline specific scholarship, she

recently completed a 4-year grant, funded by the W.M. Keck Foundation, for *Broadening Participation in Course-Based Undergraduate Research Experiences (CUREs) in STEM* and published, [Course-Based Undergraduate Research Experiences Performance Following the Transition to Remote Learning During the COVID-19 Pandemic](#), with another CURE manuscript currently under review involving the evaluation of CURE implementation across disciplines. In 2021-22, Dr. Dunn was named a CSUSB Faculty Assessment Capability Fellow and currently serves as an Office of Student Research PDC Faculty Fellow to promote student and faculty engagement in research and creative activities.

## AGENCY NEWS

**The National Institutes of Health (NIH)** will host a free **Virtual Conference and PreCon Events from August 2022-February 2023**. Join NIH and your peers for monthly topic-focused virtual events that provide greater insights into policy and processes and invaluable guidance from NIH experts, engaging panels, and interactive discussions. PreCon culminates with the 2-day Virtual Conference on Feb 1-2, 2023. The tentative [agenda](#) has already been posted. Plan your attendance! For more information on this opportunity, visit the [website](#).

### RESEARCH ADMINISTRATOR'S DAY 2022!

September 25 is the annual National Research Administrator Day. Please join me in giving special thanks to our Research Administrators in the Pre and Post Award Offices for their hard work, support, and guidance they provide for our Principal Investigators across the campus! Thank you!

Dorota Huizinga

## NOTICES OF NEW AWARDS

CSUSB received 79 new awards from July 1, 2021 - June 30, 2022, for a total estimated amount of **\$87,873,398**.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark*</b> Psychology	Making Hope Happen Foundation	The Science of Parenting Classes 2021-2022	\$8,000
<b>Agars, Mark*</b> Psychology	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (2021-22)	\$182,816
<b>Agars, Mark*</b> Psychology	San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2021-22 - Students Deserve Success Tutoring Program	\$45,572
<b>Agars, Mark*</b> CSBS – Dept. of Child Dev	San Bernardino County Superintendent of Schools	California State Preschool Program (CSPP) Quality Rating Improvement System (QRIS) Block Grant for 2021/2022	\$161,718
<b>Agars, Mark*</b> Psychology	Making Hope Happen Foundation	Infant Toddler Success Program	\$8,000
<b>Agars, Mark*</b> Psychology	San Bernardino County Superintendent of Schools	Webinars on TUPE for LGBTQ+ Youth	\$9,500
<b>Agars, Mark*</b> Psychology	San Bernardino County Superintendent of Schools	BEFAST Cognitive Training in San Bernardino County Schools 2021-22	\$200,000
<b>Alexander, Kristine*</b> <b>Chuang, Rueyling</b> (Co-PI) TCAP	University of California Office of the President	The California Arts Project CSMP ESSER (CARES Act)	\$665,780
<b>Alexander, Kristine*</b> TCAP	University of California Office of the President (Prime: U.S. Department of Education)	TCAP SO CSMP/ESSA21	\$133,000
<b>Alexander, Kristine*</b> TCAP	University of California Office of the President	CSMP One Time Learning Acceleration Funds 2022 – 24 (OTLAF)	\$493,500
<b>Anderson, Annika*</b> Health Science	Trustees of the California State University (CSU Chancellor's Office)	SUPPLEMENT to CSUSB Project Rebound 2022	\$38,370
<b>Becerra, Monideepa*</b> Sociology	University of California Office of the President	PLANNING GRANT: STAR in the IE (Stands against tobacco advocacy and research in the Inland Empire)	\$36,750
<b>Bichler, Gisela*</b> Criminal Justice	Baylor University (Prime: National Science Foundation)	EAGER: Using NLP to Identify Criminal Activity in Omnichannel Online C2C Marketplaces	\$88,401

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – June 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Bloodhart, Brittany*</b> Psychology	National Science Foundation	Collaborative Research: ADVANCE Partnership: Promoting Equity and Inclusion to Facilitate Retention of Diverse Faculty through Evidence and Place-Based Intervention Training	\$444,414
<b>Bournias-Vardiabasis, Nicole*</b> Biology	California Institute of Regenerative Medicine	Stem Cell Scholars - from Basic Research to Clinical Translation: training a diverse pool of students in the lab, engaging them in patient and health care activities...	\$3,606,500
<b>Cleary, Natalie*</b> Student Affairs	CSU Chico State Enterprises (Prime: California Department of Social Services)	CalFresh Outreach 2021-2024	\$146,484
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	National Science Foundation	Renewal of the CyberCorps Program at California State University San Bernardino	\$3,872,923
<b>Coulson, Tony*</b> <b>Weber, C. (Co-PI)</b> IDS & CSC	National Security Agency	NCAE-C in Cybersecurity Education Initiative 2021	\$2,999,196
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	Department of Defense	Department of Defense CYBERSECURITY Scholarship Program at CSUSB 2021-2022	\$67,447
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	U.S. Department of Homeland Security	CYBERSECURITY Challenges and Curriculum	\$1,017,589
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	Whatcom Community College (Prime: National Science Foundation)	National Cybersecurity Training & Education (NCyTE) Center	\$624,255
<b>Cousins, Kimberley*</b> <b>Usher, T (Co-PI), Smith, D. C (Co-PI), Callori, S. (Co-PI)</b> Chemistry	National Science Foundation	NSF-CREST II – partnership supplement 2021	\$99,775
<b>Crawford, Cynthia*</b> <b>Agars, M., Hassija, C., Keating, R., Anderson, A.</b> Biology	University of California, Office of the President	CSUSB/CDU Smoke and Vape Free Scholars Initiative (CCSVFSI)	\$1,001,098
<b>De La O, Armalyn*</b> <b>Ervin, K. (Co-PI)</b> TCAP	University of California Office of the President	RIMS California Arts Project (CSMP/ESSA 21)	\$114,000
<b>El Hafsi (Hamouda), Essia*</b> IDS	CSU Chico State Enterprises (Prime: U.S. Department of Agriculture/NIFA)	Enriching education at the intersection of Data Analytics and FANH through professional experiential learning and curriculum development. (Project DA-FAN)	\$49,450
<b>El Hafsi (Hamouda), Essia*</b> IDS	National Alliance for Hispanic Health (Prime: National Institutes of Health)	Todos Juntos: All of Us Research Program	\$10,000
<b>Fangonil-Gagalang, Evangeline*</b> Nursing	CA Office of Statewide Health Planning & Development	Song-Brown Registered Nurse Education Capitation Program 2021 at CSUSB	\$480,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – June 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Fiene, Jay*</b> Education Leadership & Technology	California Department of Corrections and Rehabilitation	Cal State San Bernardino Re-entry Initiative (CSRI)	\$50,174,007
<b>Gomez, Pablo*</b> Psychology	National Science Foundation	Collaborative Research: Interaction of Sensory and Response Processes in Decision Making	\$293,595
<b>Harding, Kassandra*</b> Health Science	Trustees of Tufts College (Prime: USAID)	Feed the Future Food Systems for Nutrition Innovation Lab	\$24,999
<b>Hernandez, Edwin*</b> SpecEd Rehab & Counseling	University of Nevada, Reno (Prime: Spencer Foundation)	Serving the Public Good: Exploring the Role of Minority Serving Institutions in the Civic Development of Underserved Communities	\$27,495
<b>Hernandez, Dalia*</b> Student Affairs	U.S. Department of Education	Upward Bound Program - SBCUSD	\$1,562,400
<b>Hernandez, Dalia*</b> Student Affairs	U.S. Department of Education	Upward Bound Program - RUSD	\$1,562,400
<b>Hou, Yunfei*</b> <b>Salloum, R. (Co-PI), Sun, Q. (Co-PI), Aikin, J. (Co-PI), Aldirawi, H. (Co-PI)</b> Computer Science	National Science Foundation	Collaborative Research: DS-PATH: Data Science Career Pathways in the Inland Empire	\$250,000
<b>Hou, Yunfei*</b> Computer Science	National Science Foundation	Collaborative Research: Broadening Inclusive Participation in Artificial Intelligence Undergraduate Education for Social Good (AI4SG) Using A Situated Learning Approach	\$97,668
<b>Kowalski, Kurt*</b> Computer Science	Riverside County Superintendent of Schools	2021-22 Center for Teacher Induction Program (CTI)	\$98,981
<b>Khan, Bilal*</b> SpecEd Rehab & Counseling	Regents of the University of California/Lawrence Berkeley National Laboratory	Analytics for Causal Analysis and Decision Support Models for Autonomous and SMART Water Treatment	\$122,725
<b>Lloent, Giovanna*</b> Mathematics	Regents of the University of California, UC San Diego (Prime: Trustees of the CSU/CSU Office of the Chancellor)	MTDP WG Chair at CSU San Bernardino	\$13,146
<b>Lloent, Giovanna*</b> Mathematics	Regents of the University of California, UC San Diego (Prime: Trustees of the CSU/CSU Office of the Chancellor)	CSU/UC Mathematics Diagnostic Testing Project – MDTP/Workgroup 2022	\$133,839
<b>Munoz, José*</b> Sociology	National Science Foundation	Collaborative Research: HSI Conference: Exploring the hidden realities of contingent Latinx faculty in STEM	\$49,000
<b>Nolta, Paul*</b> <b>Stull, M. (Co-PI)</b> School of Entrepreneurship	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office of Business and Economic Development/GO-Biz)	GoBiz TAEP 2020-21 (SUPPLEMENT – Amendment #2)	\$104,394

\*Principal Investigator



## NOTICES OF NEW AWARDS JULY 2021 – June 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Ocampo, Daisy*</b> History	Morgan State University (Prime: Henry Luce Foundation)	Transmitting Knowledge from Elders to Youth Through Indigenous Basket Weaving	\$10,000
<b>Orwin, Paul*</b> <b>Dodsworth, J. (Co-PI),</b> <b>Rhoads, D. (Co-PI)</b> Biology	National Science Foundation	EDGE CMT(RUI): Role of Toxin Antitoxin Systems in Biofilm Formation and Horizontal Gene Transfer in the genus <i>Variovorax</i>	\$692,668
<b>Pantula, Sastry*</b> <b>Maynard, D. (Co-PI),</b> <b>Escalante, G. (Co-PI)</b> Natural Sciences/Dean's Office	U.S. Department of Education	PATHS: Proactive Approaches for Training Hispanics in STEM	\$4,989,597
<b>Sirotnik, Barbara*</b> IDS	IEEP - Inland Empire Economic Partnership	California Competitiveness: Population and Business Migration Trends	\$15,500
<b>Sirotnik, Barbara*</b> IDS	City of Riverside	City of Riverside 2022 Community Quality of Life Survey	\$47,131
<b>Steele (Bivens), Summer*</b> Student Affairs	U.S. Department of Education	Educational Opportunity Center (Coachella Valley)	\$1,600,250
<b>Steele (Bivens), Summer*</b> Student Affairs	State of CA - Student Aid Commission	Cal-SOAP Youth at Promise	\$100,000
<b>Steele (Bivens), Summer*</b> Student Affairs	San Bernardino County Superintendent of Schools	Cal-SOAP Youth at Promise (Amendment #1)	\$180,000
<b>Steele (Bivens), Summer*</b> Student Affairs	California Volunteers (Prime: Corona Virus State and Local Fiscal Recovery Funds)	IE Fellows	\$2,550,000
<b>Steele (Bivens), Summer*</b> Student Affairs	U.S. Department of Education	CSUSB College Assistance Migrant Program (CAMP)	\$2,321,501
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> School of Entrepreneurship	CSU Fullerton Auxiliary Services Corporation (Prime: U.S. Small Business Administration)	OCIE SBDC 2021	\$405,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	City of Palm Desert	Palm Desert Community Development Block Grant (CDBG)	\$30,000
<b>Stull, Michael*</b> <b>Williamson, J. (Co-PI)</b> Inland Emp Ctr for Entr	CA Governor's Office of Business and Economic Development (GO-Biz)	California Export Training and Consulting	\$109,654
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	U.S. Small Business Administration	CVWBC renewal 2022	\$150,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	U.S. Small Business Administration	IEWBC renewal 2022	\$150,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – June 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Stull, Michael*</b> <b>Williamson, J.</b> (Co-PI) Inland Emp Ctr for Entr	U.S. Department of Commerce	CBEC (Cross-Border E-Commerce) Asia	\$300,000
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Lendistry)	CVWBC 2021-22	\$10,000
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Lendistry)	IEWBC 2021-22	\$10,000
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Wells Fargo)	IEWBC SWCCD 2021-22	\$80,000
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Wells Fargo)	CVWBC SWCCD 2021-22	\$80,000
<b>Stull, Michael*</b> <b>Nolta, P.</b> (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: U.S. Small Business Administration)	Orange County/Inland Empire Regional SBDC Network - CARES Act (SUPPLEMENT 03)	\$225,000
<b>Stull, Michael*</b> <b>Nolta, P.</b> (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office/GO-Biz)	GoBiz CIP - CIP 2021-22	\$75,000
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: CA Governor's Office of Business and Economic Development/GO-Biz)	Go-BIZ TAEP 2021-22-IEWBC	\$112,500
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: CA Governor's Office of Business and Economic Development/GO-Biz)	Go-BIZ TAEP 2021-22-CVWBC	\$150,000
<b>Stull, Michael*</b> <b>Nolta, P.</b> (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: U.S. Small Business Administration)	Orange County/Inland Empire Regional SBDC Network – CARES Act (Supplement) #4	\$120,000
<b>Stull, Michael*</b> <b>Nolta, P.</b> (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office of Business and Economic Development/GO-Biz)	Go-BIZ TAEP 2021-22	\$330,000
<b>Todd, Claire*</b> Geology	National Science Foundation	Collaborative Research: Site Survey for Subglacial Bedrock Exposure Dating at the Margin of the Wilkes Basin in Norther Victoria Land	\$125,730
<b>Todd, Claire*</b> Geology	University of Washington (Prime: National Aeronautics and Space Administration)	Ice preservation and landscape erosion during glacial retreat on Earth and Mars	\$78,880
<b>Ullman, Jodie*</b> Psychology	California State University, Northridge (Prime: National Institutes of Health)	A Mixed Method Study on Ethnicity- Specific Physical Pain Among Older Women	\$3,196
<b>Usher, Timothy*</b> Physics	National Aeronautics and Space Administration	An Investigation of RPM controlled and Pitch controlled Quad and Hex Copters at a Sub-Scale Level	\$9,828
<b>Van Schagen, Amy*</b> <b>Agars, M.</b> (Co-PI) Department of Child Dev	San Bernardino County Superintendent of Schools	ICDFR Workforce Pathways Contract 2021-2022	\$300,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – June 30, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Ventura, Belisario*</b> Department of Child Dev	University Enterprises, Inc., CSU Sacramento (Prime: CSU Chancellor's Office)	California State University Louis Stokes STEM Pathways and Research Alliance (CSU-LSAMP)	\$25,000
<b>Ventura, Belisario*</b> Department of Child Dev	University Enterprises, Inc. (Prime: National Science Foundation)	California State University Louis Stokes STEM Pathways and Research Alliance 2021-2022 (CSU-LSAMP)	\$20,000
<b>Wasserman, Kelli*</b> <b>Balady, S.</b> (Co-PI) Mathematics	Redlands Unified School District	Redlands USD Professional Development 6th Grade	\$18,900
<b>Wasserman, Kelli*</b> <b>Balady, S.</b> (Co-PI) Mathematics	Redlands Unified School District	Redlands USD Professional Development 4th-5th Grade	\$18,900
<b>Wasserman, Kelli*</b> Mathematics	University of California, Office of the President	VV-MATHS (California Math Projects Elementary and Secondary School Emergency Relief Funds (ESSER 2021/22) CARES Act)	\$30,373
<b>Wasserman, Kelli*</b> <b>Aikin, J.</b> (Co-PI) Mathematics	California Math Project	Inland Counties Math Project (STATE 2021-2022)	\$24,000
<b>Wasserman, Kelli*</b> <b>Aikin, J.</b> (Co-PI) Mathematics	California Math Project	Inland Counties Math Project (FEDERAL-ESSA 2021-2022)	\$30,952

\*Principal Investigator

## STUDENT SPOTLIGHT



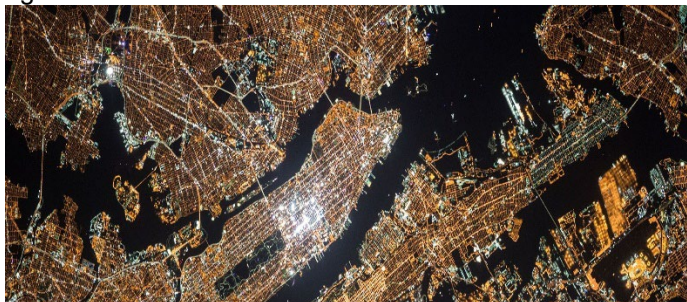
**DEVIN EDWARDS**, an MBA graduate student from The Jack H. Brown College of Business and Public Administration, has been admitted to a doctoral program (marketing) at Texas A&M. **Dr. Haakon Brown** helped Devin with his application. “I am so excited to begin my PhD journey at Texas A&M, this really is a dream come true. I’ve had an incredible amount of guidance and support from

the faculty here at CSUSB and I could not have done it on my own. Thank you to all the amazing professors who go above and beyond to help students succeed, you guys are awesome!”, said Devin Edwards. Congratulations Devin, CSUSB is very proud of you!

## FEATURED CENTER






### CENTER FOR CRIMINAL JUSTICE RESEARCH (CCJR)

The Center conducts innovative research activities to address current crime problems and important criminal justice policy issues concerning local and regional agencies.



The Center submitted a proposal for the “Center and Institutes Seed Grant” and was awarded funding for their proposal “Wildlife Crime Initiative.” This intramural funding opportunity will be used to build a research specialization within the CCJR focusing on Wildlife Crime. According to the mission of the Center, two different approaches will be taken to develop this research agenda: (1) developing applied research that advances the criminal justice field, and (2) offering our undergraduate and graduate students the opportunity to engage in wildlife crime related research in preparation for the next step in their careers. For more information on the center, visit [here](#).

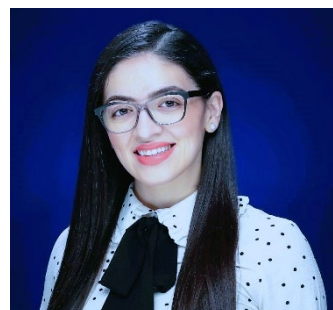
## 2021-22 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
				
<b>\$83.3M</b>	<b>\$31.8M</b>	<b>\$19.1M</b>	<b>48</b>	<b>215</b>

<sup>1</sup> Grants and contracts submitted/awarded, July 1, 2021 to February 28, 2022.  
<sup>2</sup> Funds expended from July 1, 2021 to February 28, 2021.  
<sup>3</sup> From Web of Science *only*, January 1 to March 28, 2022.  
<sup>4</sup> Institutional Review Board (IRB) applications, July 1, 2021 to February 28, 2022.

## STUDENT SUCCESS

**Alexia Martinez** is a second-year graduate student pursuing a master’s degree in Communication Studies. Alexia is the 2021-2022 Graduate Equity Fellowship recipient for CSUSB’s Collect of Arts and Letters. Besides an internship coding data for the Prison Arts Collective, she will represent CSUSB competing at the [36th Annual CSU Student Research Competition at San Francisco State University](#).



According to **Dr. Caroline Vickers**, Director of Graduate Studies, Alexia is also participating in the “Three Minute Thesis” competition, where she will present her thesis/research on the marginalization of women’s bodies in western media through intersectionality. With this research, Alexia will be presenting at the most prestigious communication conference, [International Communication Association](#) which will be hosted in Paris, France in May, 2022. “Thank you to my faculty advisor and thesis chair, **Dr. Mariam Betlemidze**, whose heartfelt investment in my studies gave me the confidence and motivation to reach my full potential.”

## ACADEMIC RESEARCH WEEK

### 5<sup>th</sup> Annual Academic Research Week!

April 11 – 15, 2022

Following is the Research Week schedule and the information about the PI reception:

[Click here for Info](#)

**CONGRATULATIONS TO CSUSB PRINCIPAL INVESTIGATORS AND PROGRAM DIRECTORS!**

## NOTICES OF NEW AWARDS

CSUSB received 56 new grant awards for the total amount of **\$28,827,625** from July 2021 to February 28, 2022.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark*</b> Psychology	Making Hope Happen Foundation	The Science of Parenting Classes 2021-2022	\$8,000
<b>Agars, Mark*</b> Psychology	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (2021-22)	\$182,816
<b>Agars, Mark*</b> Psychology	San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2021-22 - Students Deserve Success Tutoring Program	\$45,572
<b>Agars, Mark*</b> CSBS – Dept. of Child Dev	San Bernardino County Superintendent of Schools	California State Preschool Program (CSPP) Quality Rating Improvement System (QRIS) Block Grant for 2021/2022	\$161,718
<b>Agars, Mark*</b> Psychology	Making Hope Happen Foundation	Infant Toddler Success Program	\$8,000
<b>Alexander, Kristine*</b> <b>Chuang, Rueyling</b> (Co-PI) TCAP	University of California Office of the President	The California Arts Project CSMP ESSER (CARES Act)	\$665,780
<b>Alexander, Kristine*</b> TCAP	University of California Office of the President (Prime: U.S. Department of Education)	TCAP SO CSMP/ESSA21	\$133,000
<b>Bloodhart, Brittany*</b> Psychology	National Science Foundation	Collaborative Research: ADVANCE Partnership: Promoting Equity and Inclusion to Facilitate Retention of Diverse Faculty through Evidence and Place-Based Intervention Training	\$444,414
<b>Bournias-Vardiabasis, Nicole*</b> Biology	California Institute of Regenerative Medicine	Stem Cell Scholars - from Basic Research to Clinical Translation: training a diverse pool of students in the lab, engaging them in patient and health care activities...	\$3,606,500
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	National Science Foundation	Renewal of the CyberCorps Program at California State University San Bernardino	\$3,872,923
<b>Coulson, Tony*</b> <b>Weber, C.</b> (Co-PI) IDS & CSC	National Security Agency	NCAE-C in Cybersecurity Education Initiative 2021	\$2,999,196
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	Department of Defense	Department of Defense CYBERSECURITY Scholarship Program at CSUSB 2021-2022	\$67,447
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	U.S. Department of Homeland Security	CYBERSECURITY Challenges and Curriculum	\$1,017,589

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – February 28, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	Whatcom Community College (Prime: National Science Foundation)	National Cybersecurity Training & Education (NCyTE) Center	\$624,255
<b>Cousins, Kimberley*</b> <b>Usher, T</b> (Co-PI), <b>Smith, D.</b> C (Co-PI), <b>Callori, S.</b> (Co- PI) Chemistry	National Science Foundation	NSF-CREST II – partnership supplement 2021	\$99,755
<b>De La O, Armalyn*</b> <b>Ervin, K.</b> (Co-PI) TCAP	University of California Office of the President	RIMS California Arts Project (CSMP/ESSA 21)	\$114,000
<b>El Hafsi (Hamouda), Essia*</b> IDS	CSU Chico State Enterprises (Prime: U.S. Department of Agriculture/NIFA)	Enriching education at the intersection of Data Analytics and FANH through professional experiential learning and curriculum development. (Project DA- FAN)	\$49,450
<b>Gomez, Pablo*</b> Psychology	National Science Foundation	Collaborative Research: Interaction of Sensory and Response Processes in Decision Making	\$293,595
<b>Hernandez, Edwin*</b> SpecEd Rehab & Counseling	University of Nevada, Reno (Prime: Spencer Foundation)	Serving the Public Good: Exploring the Role of Minority Serving Institutions in the Civic Development of Underserved Communities	\$27,495
<b>Hou, Yunfei*</b> <b>Salloum, R.</b> (Co-PI), <b>Sun, Q.</b> (Co-PI), <b>Aikin, J.</b> (Co- PI), <b>Aldirawi, H.</b> (Co-PI) Computer Science	National Science Foundation	Collaborative Research: DS-PATH: Data Science Career Pathways in the Inland Empire	\$250,000
<b>Kowalski, Kurt*</b> SpecEd Rehab & Counseling	Riverside County Superintendent of Schools	2021-22 Center for Teacher Induction Program (CTI)	\$98,981
<b>Lloset, Giovanna*</b> Mathematics	Regents of the University of California, UC San Diego (Prime: California State University, Office of the Chancellor)	MTDP WG Chair at CSU San Bernardino	\$13,146
<b>Munoz, José*</b> Sociology	National Science Foundation	Collaborative Research: HSI Conference: Exploring the hidden realities of contingent Latinx faculty in STEM	\$49,000
<b>Nolta, Paul*</b> <b>Stull, M.</b> (Co-PI) School of Entrepreneurship	CSU Fullerton Auxiliary Services Corporation (Prime: GoBIZ TAEP)	GoBiz TAEP 2020-21 (SUPPLEMENT – Amendment #2)	\$104,394
<b>Ocampo, Daisy*</b> History	Morgan State University (Prime: Henry Luce Foundation)	Transmitting Knowledge from Elders to Youth Through Indigenous Basket Weaving	\$10,000
<b>Orwin, Paul*</b> <b>Dodsworth, J.</b> (Co-PI), <b>Rhoads, D.</b> (Co-PI) Biology	National Science Foundation	EDGE CMT(RUI): Role of Toxin Antitoxin Systems in Biofilm Formation and Horizontal Gene Transfer in the genus Variovorax	\$692,668
<b>Pantula, Sastry*</b> <b>Maynard, D.</b> (Co-PI), <b>Escalante, G.</b> (Co-PI) Natural Sciences/Dean's Office	U.S. Department of Education	PATHS: Proactive Approaches for Training Hispanics in STEM	\$4,989,597

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – February 28, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Sirotnik, Barbara*</b> IDS	IEEP - Inland Empire Economic Partnership	California Competitiveness: Population and Business Migration Trends	\$15,500
<b>Steele (Bivens), Summer*</b> Student Affairs	U.S. Department of Education	Educational Opportunity Center (Coachella Valley)	\$1,600,250
<b>Steele (Bivens), Summer*</b> Student Affairs	State of CA - Student Aid Commission	Cal-SOAP Youth at Promise	\$100,000
<b>Steele (Bivens), Summer*</b> Student Affairs	San Bernardino County Superintendent of Schools	Cal-SOAP Youth at Promise (Amendment #1)	\$180,000
<b>Steele (Bivens), Summer*</b> Student Affairs	California Volunteers (Prime: Corona Virus State and Local Fiscal Recovery Funds)	IE Fellows	\$2,550,000
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> School of Entrepreneurship	CSU Fullerton Auxiliary Services Corporation (Prime: Small Business Administration)	OCIE SBDC 2021	\$405,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	City of Palm Desert	Palm Desert Community Development Block Grant (CDBG)	\$30,000
<b>Stull, Michael*</b> <b>Williamson, J. (Co-PI)</b> Inland Emp Ctr for Entr	Governor's Office of Business and Economic Development	California Export Training and Consulting	\$109,654
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Small Business Administration	CVWBC renewal 2022	\$150,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Small Business Administration	IEWBC renewal 2022	\$150,000
<b>Stull, Michael*</b> <b>Williamson, J. (Co-PI)</b> Inland Emp Ctr for Entr	Department of Commerce (Market Development Cooperator Program 2021)	CBEC (Cross-Border E-Commerce) Asia	\$300,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Lendistry)	CVWBC 2021-22	\$10,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Lendistry)	IEWBC 2021-22	\$10,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Wells Fargo)	IEWBC SWCCD 2021-22	\$80,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: Wells Fargo)	CVWBC SWCCD 2021-22	\$80,000
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: U.S. Small Business Administration)	Orange County/Inland Empire Regional SBDC Network - CARES Act (SUPPLEMENT 03)	\$225,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – February 28, 2022 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office (GoBiz))	GoBiz CIP - CIP 2021-22	\$75,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of CA Go-BIZ TAEP)	Go-BIZ TAEP 2021-22-IEWBC	\$112,500
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of CA Go-BIZ TAEP)	Go-BIZ TAEP 2021-22-CVWBC	\$150,000
<b>Todd, Claire*</b> Geology	National Science Foundation	Collaborative Research: Site Survey for Subglacial Bedrock Exposure Dating at the Margin of the Wilkes Basin in Northern Victoria Land	\$125,730
<b>Todd, Claire*</b> Geology	University of Washington (Prime: National Aeronautics and Space Administration)	Ice preservation and landscape erosion during glacial retreat on Earth and Mars	\$78,880
<b>Ullman, Jodie*</b> Psychology	California State University, Northridge (Prime: National Institutes of Health)	A Mixed Method Study on Ethnicity-Specific Physical Pain Among Older Women	\$3,196
<b>Usher, Timothy*</b> Physics	National Aeronautics and Space Administration	An Investigation of RPM controlled and Pitch controlled Quad and Hex Copters at a Sub-Scale Level	\$9,828
<b>Van Schagen, Amy*</b> <b>Agars, M. (Co-PI)</b> Department of Child Dev	San Bernardino County Superintendent of Schools	ICDFR Workforce Pathways Contract 2021-2022	\$300,000
<b>Wasserman, Kelli*</b> <b>Balady, S. (Co-PI)</b> Mathematics	Redlands Unified School District	Redlands USD Professional Development 6th Grade	\$18,900
<b>Wasserman, Kelli*</b> <b>Balady, S. (Co-PI)</b> Mathematics	Redlands Unified School District	Redlands USD Professional Development 4th-5th Grade	\$18,900
<b>Wasserman, Kelli*</b> Mathematics	University of California Office of the President	VV-MATHS (California Math Projects Elementary and Secondary School Emergency Relief Funds (ESSER 2021/22) CARES Act)	\$30,373
<b>Wasserman, Kelli*</b> <b>Aikin, J. (Co-PI)</b> Mathematics	California Math Project	Inland Counties Math Project (STATE 2021-2022)	\$24,000
<b>Wasserman, Kelli*</b> <b>Aikin, J. (Co-PI)</b> Mathematics	California Math Project	Inland Counties Math Project (FEDERAL-ESSA 2021-2022)	\$30,952

\*Principal Investigator



## STUDENT SPOTLIGHT

**ISABELLA CANTU**, a student in Sociology, is a recipient of the Mellon Mays Undergraduate Fellowship Program. Isabella Cantu grew up in Bloomington and went to Charter Springs High School in Temecula. As a Sociology major, Isabella has accomplished a lot in her time at CSUSB. Apart from Isabella's acceptance into the nationally recognized Mellon May Undergraduate Fellowship program, she has participated in numerous conferences, which include Mellon Mays organized events,



CSUSB's Meeting of the Minds and Summer Research Program, the Pacific Sociological Association (PSA), and the California Sociological Association (CSA). In the fall of 2020, Isabella was the recipient of the CSA's Outstanding Student Award. Isabella is busy working on her applications for graduate work and plans to enter a PhD program in the fall of 2022. "I am incredibly thankful to be a Mellon Mays Fellow! The program has immensely guided and supported me in my academic pursuits by facilitating an active team of mentors that encourage me in my dream and potential to earn a Doctoral degree." Congratulations to Isabella and her mentor **DR. JOSE MUÑOZ**, an Associate Professor in the Sociology department. More information about the Mellon Mays Undergraduate Fellowship program can be found [here](#).

## FEATURED INSTITUTE






### INSTITUTE FOR CHILD DEVELOPMENT AND FAMILY RELATIONS (ICDFR)

The ICDFR's "primary mission is to serve the needs of children and families" in the Inland Empire and beyond. The institute provides a gamut of services and leads several research projects, sponsored by external agencies. These projects, among many others include a school-based program BeFast to facilitate development of the essential student's academic skill, Quality Start San Bernardino program focused on assessing and improving the quality of child-care in San Bernadine County and the Infant/Toddler lab School which provides teaching, research and services to the university and wider community.



Much of the ICDFR impact comes through partnerships with agencies in the local community who provide financial support and resources, access to research populations, training sites, while CSUSB faculty provide discipline specific expertise to carry out the ICDFR's projects. Under the leadership of **DR. MARK AGARS**, Director of ICDFR and a Professor in the Department of Psychology, the instituted continued to expand its programs and services by successfully securing extramural funding. In 20/21 FY alone, ICDFR secured more than \$800,000 in external funding. For more information on the center, visit [here](#).

## 2021-22 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
 \$62.1M	 \$26.5M	 \$6.8M	 180	 103

<sup>1</sup> Grants submitted/awarded, July 1, 2021, to October 31, 2021.

<sup>2</sup> Funds expended from July 1, 2021, to September 30, 2021.

<sup>3</sup> From Web of Science *only*, January 1 to December 31, 2020.

<sup>4</sup> Institutional Review Board (IRB) applications, July 1, 2021, to October 31, 2021.

## FACULTY SPOTLIGHT

**DR. STACEY FRASER**, a CSUSB Professor, Chair of the Music Department and Director of the Opera Theater, is also a performer, soprano, and stage director. She has appeared as soloist for the San Diego Opera, the Kennedy Center, and various others. Her 11-minute short film, "Still Life After Death," is now streaming on Amazon. Earlier this year, Dr. Fraser received CSUSB's first "Grants for Arts Projects" award from the National Endowment for the Arts to support a series multimedia monodramas and arts events at CSUSB. Please see details about the grant [here](#).



## ACADEMIC RESEARCH UPDATE

The Academic Research Team welcomed two new members! **Ingrid Valdez** joined the Post Award Team as Sponsored Programs Human Resources (HR) Specialist. Ingrid is a CSUSB Alum with an MBA and a BA in Sociology. She can be reached at (909) 537-3069 and [ivaldez@csusb.edu](mailto:ivaldez@csusb.edu). **Cynthia Carrasco-Cannon** ("CC") is the new Administrative Services Coordinator in the Office of Academic Research. A former *Highlander* (UCR), she joined the Coyote family in August 2021. CC can be reached at (909) 537-4402 and [Cynthia.Carrasco-Cannon@csusb.edu](mailto:Cynthia.Carrasco-Cannon@csusb.edu). Join us in welcoming Ingrid and CC!

## RESEARCH DEVELOPMENT UPDATE

### FUND YOUR RESEARCH WITH GRANTS

**CSUSB Winter 2022 Grant Proposal Development Program**  
**The Grant Proposal Development program** will take participants from developing solid specific aims to writing well-crafted full proposals. Your submission must be received no later than 11:59pm December 18, 2021. For program inquiries, please contact: Cynthia Crawford ([ccrawfor@csusb.edu](mailto:ccrawfor@csusb.edu))

## NEWS FROM DC!

**NIH transitions to new forms and guidelines, for grants with deadline on or after Jan 25, 2022**, from Version F to new Version G (new requirements for all personnel to have eRA Commons ID, new BIO template and other support forms, etc.). Please visit [here](#) or [see sample here](#). **Did you miss the free virtual NIH seminar, Nov 1-4, 2021?** We encourage you to take advantage of this incredible resource by saving information for future reference before its gone! Please NOTE! Video recordings and power point slides are available to download only through **December 4, 2021**. Visit [here](#).

## NOTICES OF NEW AWARDS | July 2021 – October 31, 2021

CSUSB received 35 new grant awards for the total amount of **\$33,870,768** from July 2021 to October 31, 2021. Note: for multi-year projects, the award amounts shown below are estimated total multi-year funding levels

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark*</b> Psychology	San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2021-22 - Students Deserve Success Tutoring Program	\$45,572
<b>Agars, Mark*</b> Psychology	Making Hope Happen Foundation	The Science of Parenting Classes 2021- 2022	\$8,000
<b>Agars, Mark*</b> Psychology	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (2021-22)	\$182,816
<b>Alexander, Kristine*</b> <b>Chuang, Rueyling</b> (Co-PI) TCAP	University of California Office of the President	The California Arts Project CSMP ESSER (CARES Act)	\$665,780
<b>Bloodhart, Brittany*</b> Psychology	National Science Foundation	Collaborative Research: ADVANCE Partnership: Promoting Equity and Inclusion to Facilitate Retention of Diverse Faculty through Evidence and Place-Based Intervention Training	\$444,414
<b>Bournias-Vardiabasis, Nicole*</b> Biology	California Institute of Regenerative Medicine	Stem Cell Scholars: a workforce development pipeline, educating, training and engaging students from basic research to clinical translation	\$3,606,500
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	U.S. Department of Homeland Security	CYBERSECURITY Challenges and Curriculum	\$1,017,589
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	National Science Foundation	Renewal of the CyberCorps Program at California State University San Bernardino	\$3,872,923
<b>Coulson, Tony*</b> <b>Weber, C.</b> (Co-PI) IDS & CSC	National Security Agency	NCAE-C in Cybersecurity Education Initiative 2021	\$2,999,196
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	Department of Defense	Department of Defense CYBERSECURITY Scholarship Program at CSUSB 2021-2022	\$67,447
<b>Cousins, Kimberley*</b> <b>Usher, T</b> (Co-PI), <b>Smith, D.</b> (Co-PI), <b>Zhang, R.</b> (Co-PI), National Science Foundation <b>Callori, S.</b> (Co-PI) Chemistry		NSF-CREST II – partnership supplement 2021	\$99,755
<b>El Hafsni (Hamouda), Essia*</b> IDS & CSC	CSU Chico - Chico State Enterprises (Prime: U.S. Department of Agriculture)	Enriching education at the intersection of Data Analytics and FANH through professional experiential learning and curriculum development. (Project DA- FAN)	\$49,450
<b>Gomez, Pablo*</b> Psychology	National Science Foundation	Collaborative Research: Interaction of Sensory and Response Processes in Decision Making	\$293,595

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – October 31, 2021 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Hernandez, Edwin*</b> SpecEd Rehab & Counseling	University of Nevada, Reno (Prime: Spencer Foundation)	Serving the Public Good: Exploring the Role of Minority Serving Institutions in the Civic Development of Underserved Communities	\$27,495
<b>Hou, Yunfei*</b> <b>Salloum, R. (Co-PI), Sun, Q. (Co-PI), Aikin, J. (Co-PI), Aldirawi, H. (Co-PI)</b> Computer Science	National Science Foundation	Collaborative Research: DS-PATH: Data Science Career Pathways in the Inland Empire	\$250,000
<b>Lloset, Giovanna*</b> Mathematics	Regents of the University of California - UC San Diego (Prime: California State University, Office of the Chancellor)	MTDP WG Chair at CSU San Bernardino	\$13,146
<b>Munoz, José*</b> Sociology	National Science Foundation	Collaborative Research: HSI Conference: Exploring the hidden realities of contingent Latinx faculty in STEM	\$49,000
<b>Orwin, Paul*</b> <b>Dodsworth, J. (Co-PI), Rhoads, D. (Co-PI)</b> Biology	National Science Foundation	EDGE CMT(RUI): Role of Toxin Antitoxin Systems in Biofilm Formation and Horizontal Gene Transfer in the genus <i>Variovorax</i>	\$692,668
<b>Pantula, Sastry*</b> <b>Maynard, D. (Co-PI), Escalante, G. (Co-PI)</b> Natural Sciences/Dean's Office	U.S. Department of Education	PATHS: Proactive Approaches for Training Hispanics in STEM	\$4,989,597
<b>Sirotnik, Barbara*</b> IDS & CSC	Inland Empire Economic Partnership (IEEP)	California Competitiveness: Population and Business Migration Trends	\$15,500
<b>Steele (Bivens), Summer*</b> Student Affairs	U.S. Department of Education	Educational Opportunity Center (Coachella Valley)	\$11,600,251
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> School of Entrepreneurship	CSU Fullerton Auxiliary Services Corporation (Prime: GoBIZ TAEP)	GoBiz TAEP 2020-21 (Supplement – Amendment 2)	\$104,394
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> School of Entrepreneurship	CSU Fullerton Auxiliary Services Corporation (Prime: Small Business Administration)	OCIE SBDC 2021	\$405,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Small Business Administration	IEWBC renewal 2022	\$150,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Small Business Administration	CVWBC renewal 2022	\$150,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	City of Palm Desert	Palm Desert Community Development Block Grant (CDBG)	\$30,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – October 31, 2021 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Stull, Michael*</b> <b>Williamson, J. (Co-PI)</b> Inland Emp Ctr for Entr	Governor's Office of Business and Economic Development	California Export Training and Consulting	\$109,654
<b>Stull, Michael*</b> <b>Williamson, J. (Co-PI)</b> Inland Emp Ctr for Entr	U.S. Department of Commerce	Cross-Border E-Commerce (Asia)	\$300,000
<b>Ullman, Jodie*</b> Psychology	California State University, Northridge (Prime: National Institutes of Health)	A Mixed Method Study on Ethnicity-Specific Physical Pain Among Older Women	\$3,196
<b>Usher, Timothy*</b> Physics	National Aeronautics and Space Administration	An Investigation of RPM controlled and Pitch controlled Quad and Hex Copters at a Sub-Scale Level	\$9,828
<b>Van Schagen, Amy*</b> <b>Agars, M. (Co-PI)</b> Department of Child Dev	San Bernardino County Superintendent of Schools	ICDFR Workforce Pathways Contract 2021-2022	\$300,000
<b>Wasserman, Kelli*</b> <b>Aikin, J. (Co-PI)</b> Mathematics	California Math Project	Inland Counties Math Project 2021-2022	\$24,000
<b>Wasserman, Kelli*</b> <b>Balady, S. (Co-PI)</b> Mathematics	Redlands Unified School District	Redlands USD Professional Development 6th Grade	\$18,900
<b>Wasserman, Kelli*</b> <b>Balady, S. (Co-PI)</b> Mathematics	Redlands Unified School District	Redlands USD Professional Development 4th-5th Grade	\$18,900
<b>Wasserman, Kelli*</b> Mathematics	University of California Office of the President	VV-MAThS (California Math Projects Elementary and Secondary School Emergency Relief Funds (ESSER 2021/22) CARES Act)	\$30,952

\*Principal Investigator

# ACADEMIC RESEARCH & SPONSORED PROGRAMS HOWL

September 2021

## RESEARCH ADMINISTRATOR'S DAY!

September 25 is National Research Administrator Day. Please join me in giving our Research Administrators in Research & Sponsored Programs and Sponsored Programs Administration special thanks for the hard work, support, and guidance they provide for our Principal Investigators across the campus!

- D. Huizinga



**BIG THANKS TO CSUSB'S RESEARCH ADMINISTRATORS!**

## STUDENT SPOTLIGHT

**GEORGE ROMERO**, a graduate student in English, is a recipient of the prestigious Sally Casanova Pre-Doctoral Program Scholarship. The California Pre-Doctoral Program was created to increase the pool of potential California State University faculty by supporting the doctoral aspirations of CSU students who have experienced economic and educational disadvantages. George said, "*Sally Casanova Pre-Doctoral Program has been an invaluable resource as I navigate the complex doctoral program*

*admissions process. The program workshops have shown me that I can reach out for support to a group of advocates who are invested in my continued academic success. Congratulations to George and his mentor DR. SUNNY HYON, a professor in the English department. More information about Sally Casanova program can be found [here](#).*

## FEATURED CENTER






### CENTER FOR ADVANCED FUNCTIONAL MATERIALS

The Center advances knowledge in functional materials while providing quality undergraduate research experiences primarily to URM students.



The Center's \$5M NSF grant (CREST II) continues to build on the success of the prior multi-year grant (CREST I) which funds Interdisciplinary teams of chemists, physicists, experimentalists, theorists, synthetic scientists, and measurement specialists, through research and discovery, and pushes the boundaries of what is scientifically known about functional materials, i.e. the materials which, through appropriate design at the molecular level, can change shape, store information or become electronic components. For more information on the center, visit [here](#).

## 2020-21 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
				
\$87.5M	\$41.2M	\$31.1M	254	479

<sup>1</sup> Grants submitted/awarded, July 1, 2020 to June 30, 2021.

<sup>2</sup> Funds expended from July 1, 2020 to June 30, 2021.

<sup>3</sup> From Web of Science *only*, January 1 to December 31, 2020.

<sup>4</sup> Institutional Review Board (IRB) applications, July 1, 2020 to June 30, 2021.

## FACULTY SPOTLIGHT

**DR. PABLO GOMEZ** is an associate professor in the Psychology Department and a faculty member at the CSUSB Palm Desert Campus. He is a recipient of an NSF grant "Collaborative Research: Interaction of Sensory and Response Processes in Decision Making", which provides \$293,595 for the project period from September 2021 to August 2024. His research interests are in perceptual decision making and visual word recognition.



## ACADEMIC RESEARCH UPDATE

**DR. NICOLE DABBS** joined the Academic Research Team as the Diversity, Equity, and Inclusion (DEI) Faculty Fellow. Dr. Dabbs is a Professor of Kinesiology, and the chair of IRB. In her new role, Dr. Dabbs' work, sponsored by the NIH SPAD – CSUSB ASPIRE grant, will focus on disseminating and implementing the NIH Diversity Program Consortium's "Hallmarks of Success".

**DR. RYAN KEATING** was appointed the Director for the Office of Student Research (OSR). Dr. Keating is a Professor of History, and he served as the OSR interim director in 20/21.

**DR. JOSÉ A. MUÑOZ** started this Fall as a co-director of the Mellon Mays Undergraduate Fellowship Program (MMUF) program. Dr. Muñoz is an associate professor of Sociology.

## RESEARCH DEVELOPMENT UPDATE

This Fall, **DR. CYNTHIA CRAWFORD, Director of Research Development**, will hold 1:1 meetings and mentoring sessions on Tuesdays and Wednesdays at 10:00 – 11:30 AM and on Fridays at 1:00 – 2:30 PM. You can book your appointment with Dr. Crawford via this link <https://csusb-research-development.youcanbook.me/> and join her via the following Zoom link <https://csusb.zoom.us/j/88270348249>.

## NEWS FROM DC!

The National Science Foundation (NSF) has published a revised version of the NSF [Grants.gov Application Guide](#) (NSF 21-084). Overall, the Guide has been updated to align with the changes to NSF's [Proposal & Award Policies & Procedures Guide](#) (PAPPG) (NSF 22-1). The Guide will be effective for applications submitted (via Grants.gov) or due, on or after October 4, 2021.

## NOTICES OF NEW AWARDS | July 2021 – September 17, 2021

CSUSB received 20 new grant awards for the total amount of **\$16,381,517** from July 2021 to Sept. 17, 2021.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark*</b> Psychology	Making Hope Happen Foundation	The Science of Parenting Classes 2021-2022	\$8,000
<b>Agars, Mark*</b> Psychology	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (2021-22)	\$182,816
<b>Alexander, Kristine*</b> <b>Chuang, Rueyling</b> (Co-PI) TCAP	University of California Office of the President	The California Arts Project CSMP ESSER (CARES Act)	\$665,780
<b>Bloodhart, Brittany*</b> Psychology	National Science Foundation	Collaborative Research: ADVANCE Partnership: Promoting Equity and Inclusion to Facilitate Retention of Diverse Faculty through Evidence and Place-Based Intervention Training	\$444,414
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	National Science Foundation	Renewal of the CyberCorps Program at California State University San Bernardino	\$3,872,923
<b>Coulson, Tony*</b> <b>Weber, C.</b> (Co-PI) IDS & CSC	National Security Agency	NCAE-C in Cybersecurity Education Initiative 2021	\$2,999,196
<b>Coulson, Tony*</b> <b>Nestler, V.</b> (Co-PI) IDS & CSC	Department of Defense	Department of Defense CYBERSECURITY Scholarship Program at CSUSB 2021-2022	\$67,447
<b>Cousins, Kimberley*</b> <b>Usher, T</b> (Co-PI), <b>Smith, D.</b> (Co-PI), <b>Zhang, R.</b> (Co-PI), <b>Callori, S.</b> (Co-PI) Chemistry	National Science Foundation	NSF-CREST II – partnership supplement 2021	\$99,755
<b>Gomez, Pablo*</b> Psychology	National Science Foundation	Collaborative Research: Interaction of Sensory and Response Processes in Decision Making	\$293,595
<b>Hernandez, Edwin*</b> SpecEd Rehab & Counseling	University of Nevada, Reno (Prime: Spencer Foundation)	Serving the Public Good: Exploring the Role of Minority Serving Institutions in the Civic Development of Underserved Communities	\$27,495
<b>Hou, Yunfei*</b> <b>Salloum, R.</b> (Co-PI), <b>Sun, Q.</b> (Co-PI), <b>Aikin, J.</b> (Co-PI), <b>Aldirawi, H.</b> (Co-PI) Computer Science	National Science Foundation	Collaborative Research: DS-PATH: Data Science Career Pathways in the Inland Empire	\$250,000
<b>Munoz, José*</b> Sociology	National Science Foundation	Collaborative Research: HSI Conference: Exploring the hidden realities of contingent Latinx faculty in STEM	\$49,000
<b>Orwin, Paul*</b> <b>Dodsworth, J.</b> (Co-PI), <b>Rhoads, D.</b> (Co-PI) Biology	National Science Foundation	EDGE CMT(RUI): Role of Toxin Antitoxin Systems in Biofilm Formation and Horizontal Gene Transfer in the genus <i>Variovorax</i>	\$692,668

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2021 – September 17, 2021 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Pantula, Sastry*</b> <b>Maynard, D.</b> (Co-PI), <b>Escalante, G.</b> (Co-PI) Natural Sciences/Dean's Office	U.S. Department of Education	PATHS: Proactive Approaches for Training Hispanics in STEM	\$4,989,597
<b>Stull, Michael*</b> <b>Nolta, P.</b> (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: Small Business Administration)	OCIE SBDC 2021	\$405,000
<b>Stull, Michael*</b> <b>Skiljan, M.</b> (Co-PI) Inland Emp Ctr for Entr	City of Palm Desert	Palm Desert Community Development Block Grant (CDBG)	\$30,000
<b>Usher, Timothy*</b> Physics	National Aeronautics and Space Administration	An Investigation of RPM controlled and Pitch controlled Quad and Hex Copters at a Sub-Scale Level	\$9,828
<b>Wasserman, Kelli*</b> <b>Balady, S.</b> (Co-PI) Mathematics	Redlands Unified School District	Redlands USD Professional Development 6th Grade	\$18,900
<b>Wasserman, Kelli*</b> <b>Balady, S.</b> (Co-PI) Mathematics	Redlands Unified School District	Redlands USD Professional Development 4th-5th Grade	\$18,900
<b>Wasserman, Kelli*</b> Mathematics	University of California Office of the President	VV-MATHS (California Math Projects Elementary and Secondary School Emergency Relief Funds (ESSER 2021/22) CARES Act)	\$30,952

\*Principal Investigator

# ACADEMIC RESEARCH & SPONSORED PROGRAMS HOWL

March, 2021

## STUDENT SPOTLIGHT

Lakhvir Kaur, a graduate student majoring in School Psychology is a Coyote Research Ambassador (CRA) in the Office of Student Research (OSR). Lakhvir, who will continue her research and education in a Ph.D. program at UC Santa Barbara starting this fall, said this about her experience with OSR: "It was an amazing learning experience that provided me with the resources and a platform to share my perspective to make a meaningful impact in the campus community." Congratulations to Lakhvir and her faculty mentors Dr. Brett Nelson and Dr. Roderick O'Handley on her acceptance to this very competitive Ph.D. program! More information about the OSR's Coyote Research Ambassador program can be found [here](#).



## FEATURED CENTER

In 2018, CSUSB was awarded a National Science Foundation ADVANCE grant of almost \$1 million to support the university's goal of increasing the number of women and underrepresented faculty, particularly in STEM Departments. This grant helped establish and maintain the Diversity and Equity in Promotion, Tenure and Hiring (DEPTH) Center. The DEPTH Center seeks to broaden the STEM workforce by fostering changes in policy and procedures that affect faculty hiring, evaluation, and retention outcomes across academic departments." Dr. Donna Garcia is currently DEPTH Executive Director. For more information on DEPTH, visit [here](#).



## SPONSORED PROGRAMS UPDATES

CSUSB continues to monitor and meet established safety guidelines in response to COVID-19. The Academic Research, Research and Sponsored Programs (Pre-Award) and Sponsored Programs Administration (post-award) offices continue to operate in virtual format.

Please continue to keep a close watch for updated announcements on CSUSB's COVID-19 information webpage at <https://www.csusb.edu/covid-19>.

For information on restarting research, scholarship and creative activities at CSUSB, please visit Academic Research website at <https://www.csusb.edu/academic-research>.

## PRINCIPAL INVESTIGATORS

Join us to celebrate CSUSB PIs on April 13 at 4 PM at the annual PI Recognition event. [Register now](#) to win a prize!

## COMPLIANCE CORNER






Research compliance requires institutions adhere to reporting requirements for non-compliance in both human subjects and animal subjects research. Institutions must also follow federal regulatory requirements for reporting Financial Conflicts of Interests (FCOI/CO) and Data Management and Sharing policies. For more info, please check out links below:

<https://www.csusb.edu/institutional-review-board/policy-regulations>

<https://www.csusb.edu/academic-research/research-compliance/institutional-animal-care-and-use-committee>

<https://www.csusb.edu/academic-research/policies-guidance-and-forms/csusb-uec-financial-conflict-interest-policy>

## 2020-21 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
				
\$ 47.3M	\$ 36.1M	\$ 16.8M	40	343

<sup>1</sup> Grants submitted/awarded, July 1, 2020 to February 28, 2021.

<sup>2</sup> Funds expended from July 1, 2020 to February 28, 2021.

<sup>3</sup> From Web of Science *only*, January 1 to March 25, 2021.

<sup>4</sup> Institutional Review Board (IRB) applications, July 1, 2020 to February 28, 2021.

## FACULTY SPOTLIGHT



Dr. Luba Levin-Banchik is an assistant professor in political science at CSUSB, with experience in international relations and national security, particularly in foreign policy crises and crisis simulations. She is currently President-elect and Program Chair of the International Studies Association West Region (see more [here](#)). Dr. Levin-Banchik participates actively in research activities at CSUSB and recently submitted a proposal in response to NSF's Build and Broaden 2.0 program.

## FUNDING AGENCY NEWS

The National Institute of General Medical Sciences (NIGMS) has recently published a Funding Opportunity Announcement (FOA) to solicit applications for research as part of the Support for Research Excellence (SuRE) Program. Similar to SCORE, SuRE is a research capacity building program designed to develop and sustain research excellence in higher education institutions that receive limited NIH research support and serve students who are underrepresented in biomedical research.

**Support for Research Excellence – First Independent Research (SuRE-First) Award**, PAR-21-173, supports faculty investigators who have not had prior independent external research grants. For details, see [here](#). See also **Support for Research Excellence (SuRE) Award**, R16 Research Excellence Award, PAR21-169 which provides research grant support for faculty investigators who have prior experience in leading externally-funded but are not currently funded by any [NIH Research Project Grants](#) with the exception of SuRE or SuRE-First awards. See details [here](#).

## RESEARCH DEVELOPMENT UPDATE

The Office of Research Development is offering an NSF grant writing workshop on **April 8, 2021 at noon**. The workshop will cover the basics of an NSF proposal with an emphasis on the research at undergraduate institutions (RUI) program. This program is open to all and can be accessed at [NSF Workshop](#).

## SAVE THE DATES!

APRIL 12-16, 2021

### 4<sup>th</sup> ANNUAL RESEARCH WEEK

Following is the Research Week schedule and the information about the PI reception:

<https://www.csusb.edu/student-research/events-and-calendar/research-week>



## NOTICES OF NEW AWARDS | July 2020 - February 2021

CSUSB received 50 new grant awards for the total amount of **\$28,860,187** from July 2020 to February 2021.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark*</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2020-2021	\$23,656
<b>Agars, Mark*</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	QSSB/QRIS 2020-2021	\$186,786
<b>Agars, Mark*</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	BEFAST Cognitive Training in San Bernardino County	\$200,000
<b>Agars, Mark*</b> Psychology & ICDFR	Making Hope Happen Foundation	Science of Parenting Classes	\$48,000
<b>Alexander, Kristine*</b> TCAP	2020-2021 the California Arts Project (TCAP) Professional Learning Proposal for Twin Rivers USD	Twin Rivers Unified School District	\$15,000
<b>Becerra, Benjamin*</b> IDS	Board of Regents of the University System – Augusta University	PASS Apnea: Development of a novel automated prediction tool for pediatric obstructive sleep apnea	\$10,601
<b>Callori, Sara*</b> Physics	CSU Chancellor's Office (Prime: National Science Foundation)	RAPID: Reimagined Virtual STEM Laboratory Experiences in Response to COVID-19 Pandemic Impacts on Undergraduate Education	\$36,671
<b>Chuang, Rueyling*</b> <b>Alexander, K. (Co-PI)</b> TCAP	University of California – Office of the President	The California Arts Project SO - OTSSA	\$340,000
<b>Chuang, Rueyling*</b> <b>Alexander, K. (Co-PI)</b> TCAP	University of California – Office of the President	2020-2021 TCAP SO CSMP/ESSA 20	\$168,000
<b>Cleary, Natalie*</b> <b>Chen, D. (Co-PI)</b> Student Affairs	CSU Chico (Prime: CA Dept. of Social Services/USDA)	SNAP-Ed	\$135,294
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	National Security Agency	CAE-C National Cyber Security Center Grant	\$10,541,668
<b>Coulson, Tony*</b> IDS & CSC	National Security Agency	GenCyber at CSUSB 2020: Middle School	\$117,663
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	National Science Foundation	Renewal of CyberCorps Program at CSUSB (supplement)	\$281,065
<b>Coulson, Tony*</b> <b>Nestler, V. (Co-PI)</b> IDS & CSC	U.S. Department of Defense	Department of Defense Cybersecurity Scholarship Program at CSUSB with Annex II	\$563,405

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2020 - February 2021 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Ervin, Kathryn*</b> <b>De La O, A.</b> (Co-PI) Theatre Arts	The Regents of the University of California (Prime: UCOP)	ESSA 20 – TCAP – SB RIMS – RIMS California Arts Project	\$94,000
<b>Hernandez, Dalia*</b> Student Affairs	U.S. Department of Education	Upward Bound San Bernardino (Supplement)	\$10,597
<b>Hood, Carol*</b> Physics	National Science Foundation	PhysTEC: Building a Solution to the National Physics Teacher Shortage	\$25,000
<b>Jany, Carmen*</b> World Languages & Literatures	U.S. Department of Education	Spanish Language Proficiency and International Cultural Experience for Criminal Justice Professionals	\$339,428
<b>Jetter, Madeleine*</b> <b>Aikin, J.</b> (Co-PI) Mathematics	California Math Project (CMP)	(Federal) ESSA Inland Counties Math Project 2020-2021	\$30,952
<b>Jetter, Madeleine*</b> <b>Aikin, J.</b> (Co-PI) Mathematics	The Regents of the University of California	(State) Inland Counties Math Project 2020-2021	\$30,953
<b>Kowalski, Kurt*</b> Teacher Education & Foundation	Riverside County Superintendent of Schools	2020-21 Center for Teacher Induction Program (CTI)	\$99,357
<b>Lloset, Giovanna*</b> Mathematics	CSU Office of the Chancellor	CSU/UC Mathematics Diagnostic Testing Project – MDTP/Workgroup 2019-20	\$5,377
<b>Lo, Min-Lin*</b> Mathematics	San Jose State University Research Foundation	Undergraduate Research Groups in the CSU Alliance for PUMP: Preparing Undergraduates through Mentoring toward PhDs	\$11,518
<b>Mallari, Jeremy*</b> <b>Cousins, K., Smith, D., Burke, J.</b> (Co-PIs) Chemistry	National Science Foundation	MRI; Acquisition of a multi-nuclear 400 MHz NMR spectrometer equipped with an autosampler to support undergraduate research at a Hispanic Serving/Minority Serving Institution	\$351,157
<b>Manio, Kurt*</b> Social Work	San Bernardino Superintendent of Schools	FY2020-21 First Star	\$140,875
<b>McAllister, Carolyn*</b> Psychology	University of California – Berkeley	FY 2020-2022 CalSWEC Title IV-E Stipend Program	\$6,489,878
<b>McReynolds, Connie*</b> SpecEd Rehab & Counslg	U.S. Department of Education	Long-Term Training Grant: Rehabilitation Counseling at California State University, San Bernardino	\$1,000,000
<b>Mink, Larry*</b> <b>Popescu, M.</b> (Co-PI) Chemistry-Biochemistry	UC Davis (Prime: CA Office of Planning and Research)	Rebalancing the Equity Gap in Chemistry Education with Individualized Adaptive Learning	\$519,637
<b>Nolta, Paul*</b> <b>Stull, M.</b> (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office Go-BIZ)	Go-BIZ CIP – CIP2020-L4	\$75,000

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2020 - February 2021 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Nolta, Paul*</b> <b>Stull, M. (Co-PI)</b> Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office Go-BIZ)	Go-BIZ TAEP 2020-2021	\$330,000
<b>Nestler, Vincent*</b> IDS	New Mexico Tech Science, Engineering, Research University	NICE Challenges	\$16,000
<b>Nestler, Vincent*</b> IDS	Norwich University	Cybersecurity Education – Evidencing Competency Oversight	\$115,740
<b>Orwin, Paul*</b> Biology	ZIVO Bioscience, Inc	Cultivation of <i>V. paradoxus</i> Strains & Related Species	\$6,736
<b>Pantula, Sastry*</b> Natural Sciences/ Dean's Office	U.S. Department of Education	Advising for Undergraduate Success (A4US) (supplement)	\$109,303
<b>Steele, Summer*</b> Pre-college Programs	State of CA - Student Aid Commission	Cal-SOAP (Supplement)	\$1,400,000
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services (Prime: U.S. Small Business Administration)	Orange County/Inland Empire Regional SBDC Network (CARES Act)	\$750,000
<b>Stull, Michael*</b> <b>Nolta, P. (Co-PI)</b> Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation	2019-2020 IE SBDC GOBIZ TAEP (Amendment 1)	\$25,000
<b>Stull, Michael*</b> <b>Scanlan, K. (Co-PI)</b> Inland Emp Ctr for Entr	Small Business Administration	Coachella Valley Women's Business Center Renewal 2021	\$150,000
<b>Stull, Michael*</b> <b>Scanlan, K. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of CA/Go-BIZ)	Go-BIZ TAEP 2020-2021 Coachella Valley Women's Business Center	\$150,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Small Business Administration	Inland Empire Women's Business Center	\$150,000
<b>Stull, Michael*</b> <b>Skiljan, M. (Co-PI)</b> Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of CA/Go-BIZ)	Go-BIZ TAEP 2020-2021 Inland Empire Women's Business Center	\$150,000
<b>Stull, Michael*</b> <b>Williamson, J. (Co-PI)</b> Inland Emp Ctr for Entr	State of CA – Governor's Office of Business & Economics	IECE Export Training Project	\$40,985

\*Principal Investigator

## NOTICES OF NEW AWARDS JULY 2020 - February 2021 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Stull, Michael*</b> <b>Williamson, J.</b> (Co-PI) Inland Emp Ctr for Entr	California Department of Food and Agriculture	University Enterprises Corporation at California State University, San Bernardino STEP (Year 9)	\$248,553
<b>Stutz, Kristen*</b> SAIL	U.S. Department of Education	Student Assistance in Learning (SAIL) Program	\$2,223,755
<b>Sweeney, Dwight*</b> UCDD	Inland Regional Center	University Center for Developmental Disabilities (UCDD) 2020-2021	\$691,610
<b>Usher, Timothy*</b> Physics	National Aeronautics and Space Administration	Partnerships for Recruitment, Retention, Research and Mentoring for Engineering Excellence and Success (P3RMEES)	\$49,995
<b>Usher, Timothy*</b> Physics	California Space Grant Consortium (via UC San Diego; Prime: NASA)	CSUSB-NASA-CaSGC	\$13,000
<b>Van Schagen, Amy*</b> Psychology	San Bernardino County Superintendent of Schools	ICDFR Contract 2020-2021 – San Bernardino County Superintendent of Schools	\$297,972
<b>Ventura, Belisario*</b> Mathematics	University Enterprises, Inc. (CSU Sacramento)	CSU-CO LSAMP 2020-21 "Supplement" (CSU Chancellor's Office)	\$25,000
<b>Ventura, Belisario*</b> Mathematics	University Enterprises, Inc. (CSU Sacramento Prime: NSF)	CSUS-NSF LSAMP 2020-21	\$25,000

\*Principal Investigator

# ACADEMIC RESEARCH & SPONSORED PROGRAMS HOWL

January 2021

## STUDENT SPOTLIGHT



Shane Burrell is one of two CSUSB students selected as 2020-21 Sally Casanova California Pre-Doctoral Scholars. Burrell's major is communication studies and his areas of interest include machine-human interactions, innovative technologies, media and cultural communication and

Latino communication. Burrell was selected out of 250 applicants and as part of the California Pre-Doctoral Program and is among the 77 Sally Casanova California Pre-Doctoral Scholars for 2020-21. The California Pre-Doctoral Program is designed to increase the pool of potential California State University faculty by supporting the doctoral aspirations of CSU students who have experienced economic and educational disadvantages. *Congratulations to Shane and his mentor Mihaela Popescu! Link to full article [here](#).*

## FEATURED CENTER

**THE CYBERSECURITY CENTER** leads many innovative and complex cybersecurity projects, engaging our students and community.



From 2010-20, the Center, managed by its executive director Dr. Tony Coulson, has brought in over \$28 million worth of grants and contracts from federal agencies such as National Security Agency, Department of the Defense, the National Science Foundation, and other funders. Through the grant sponsored activities of the Center, students can compete for scholarships, participate in national conferences, and research emerging cybersecurity topics.

## COMPLIANCE CORNER






IRB now has a step-by-step IRB submission webinar available to help guide new users in the online system. For webinar information, click [here](#).

## FUNDING AGENCY NEWS

### NIH to Replace SCORE with New Program: SuRE

The National Institute of General Medical Sciences (NIGMS) intends to publish a Funding Opportunity Announcement (FOA) to solicit applications for research as part of the Support for Research Excellence (SuRE) Program. Similar to SCORE, SuRE is a research capacity building program designed to develop and sustain research excellence in higher education institutions that receive limited NIH research support and serve students who are underrepresented in biomedical research. For details, please visit [here](#).

## 2020-21 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
				
\$ 25.6M	\$ 29.4M	\$12.1M	7	247

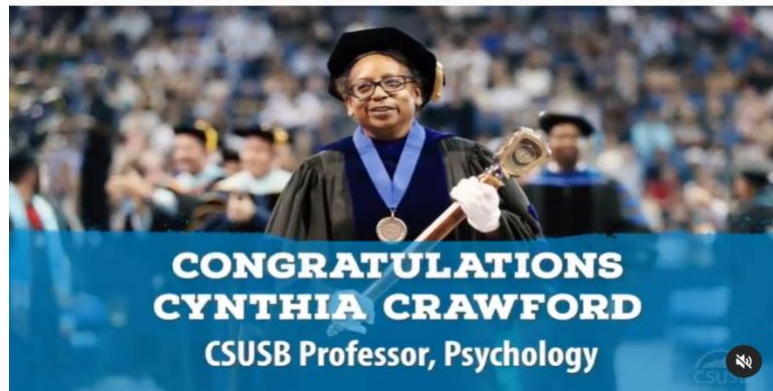
<sup>1</sup> Grants submitted/awarded, July 1 to December 31, 2020.

<sup>2</sup> Funds expended from July 1 to December 31, 2020.

<sup>3</sup> From Web of Science only, January 2021

<sup>4</sup> Institutional Review Board (IRB) applications, July 1 to December 31, 2020.

## FACULTY SPOTLIGHT



The 2021 Wang Family Excellence Award recipient: "Outstanding Faculty Innovator in Student Success." Congratulating Dr. Crawford during the ceremony on January 26, Chancellor Joseph Castro said "Dr. Cynthia Crawford's contributions as a professor of psychology and director of the Office of Research Development have enriched the CSU San Bernardino learning community and provided impactful opportunities for countless students." Dr. Crawford has published more than 75 journal papers with student authors appearing more than 100 times on her publications. She also has secured federal grants totaling more than \$13 million on behalf of the university, with virtually all supporting student success. Link to full announcement, [here](#).

## RESEARCH DEVELOPMENT UPDATE

Dr. Crawford resumed her 1:1 office hours for spring 2021: MW: 10 – 11 am & 4 – 5 pm, T: 4 – 5 pm, F: 10 – 11 am. You can book an appointment with her at <https://csusb-research-development.youcanbook.me/>

## SAVE THE DATES!

**FEBRUARY 3 & MARCH 1**  
**IRB SPRING 2021 WORKSHOPS**  
<https://www.csusb.edu/institutional-review-board/workshops>

**APRIL 12-16, 2021**  
**3<sup>rd</sup> ANNUAL RESEARCH WEEK**

## NOTICES OF NEW AWARDS JULY- DECEMBER, 2020

CSUSB received **38** new awards for the total amount of **\$26,967,709** from July to December, 2020.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2020-2021	\$23,656
<b>Agars, Mark</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	QSSB/QRIS 2020-2021	\$186,786
<b>Agars, Mark</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	BEFAST Cognitive Training in San Bernardino County	\$200,000
<b>Alexander, Kristine</b> TCAP	2020-2021 the California Arts Project (TCAP) Professional Learning Proposal for Twin Rivers USD	Twin Rivers Unified School District	\$15,000
<b>Becerra, Benjamin</b> JHBC IDS	Board of Regents of the University System – Augusta University (Prime: National Institutes of Health)	PASS Apnea: Development of a novel automated prediction tool for pediatric obstructive sleep apnea	\$10,601
<b>Callori, Sara</b> Physics	CSU Chancellor's Office (Prime: National Science Foundation)	RAPID: Reimagined Virtual STEM Laboratory Experiences in Response to COVID-19 Pandemic Impacts on Undergraduate Education	\$36,671
<b>Chuang, Rueyling</b> <b>Alexander, K. (Co-PI)</b> TCAP	University of California – Office of the President	The California Arts Project SO - OTSSA	\$340,000
<b>Cleary, Natalie</b> <b>Chen, D. (Co-PI)</b> Student Affairs	CSU Chico (Prime: CA Dept. of Social Services/USDA)	SNAP-Ed	\$135,294
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> JHBC IDS & CSC	National Security Agency	CAE-C National Cyber Security Center Grant	\$10,541,668
<b>Coulson, Tony</b> JHBC IDS & CSC	National Security Agency	GenCyber at CSUSB 2020: Middle School	\$117,663
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> JHBC IDS & CSC	National Science Foundation	Renewal of CyberCorps Program at CSUSB (supplement)	\$281,065
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> JHBC IDS & CSC	U.S. Department of Defense	Department of Defense Cybersecurity Scholarship Program at CSUSB with Annex II	\$563,405
<b>Hernandez, Dalia</b> Student Affairs	U.S. Department of Education	Upward Bound San Bernardino (Supplement)	\$10,597
<b>Hood, Carol</b> Physics	National Science Foundation	PhysTEC: Building a Solution to the National Physics Teacher Shortage	\$25,000

\*Principal Investigator(s)

## NOTICES OF NEW AWARDS JULY- DECEMBER, 2020 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Jany, Carmen</b> World Languages & Literatures	U.S. Department of Education	Spanish Language Proficiency and International Cultural Experience for Criminal Justice Professionals	\$339,428
<b>Jetter, Madeleine</b> <b>Aikin, J. (Co-PI)</b> Mathematics	University of California – Office of the President	(Federal) ESSA Inland Counties Math Project 2020-2021	\$30,952
<b>Kowalski, Kurt</b> Teacher Education & Foundation	Riverside County Superintendent of Schools	2020-21 Center for Teacher Induction Program (CTI)	\$99,357
<b>Lloset, Giovanna</b> Mathematics	CSU Office of the Chancellor	CSU/UC Mathematics Diagnostic Testing Project – MDTP/Workgroup 2019-20	\$5,377
<b>Lo, Min-Lin</b> Mathematics	San Jose State University Research Foundation	Undergraduate Research Groups in the CSU Alliance for PUMP: Preparing Undergraduates through Mentoring toward PhDs	\$11,518
<b>Mallari, Jeremy</b> <b>Cousins, K., Smith, D.,</b> <b>Burke, J. (Co-PIs)</b> Chemistry	National Science Foundation	MRI: Acquisition of a multi-nuclear 400 MHz NMR spectrometer equipped with an autosampler to support undergraduate research at a Hispanic Serving/Minority Serving Institution	\$351,157
<b>Manio, Kurt</b> CSUSB Social Work	San Bernardino Superintendent of Schools	FY2020-21 First Star	\$140,875
<b>McAllister, Carolyn</b> Psychology	University of California – Berkeley	FY 2020-2022 CalSWEC Title IV-E Stipend Program	\$6,489,878
<b>McReynolds, Connie</b> SpecEd Rehab & Counseling	U.S. Department of Education	Long-Term Training Grant: Rehabilitation Counseling at California State University, San Bernardino	\$1,000,000
<b>Mink, Larry</b> <b>Popescu, M. (Co-PI)</b> Chemistry-Biochemistry	University of California - Davis (Prime: CA Office of Planning and Research)	Rebalancing the Equity Gap in Chemistry Education with Individualized Adaptive Learning	\$519,637
<b>Nestler, Vincent</b> JHBC IDS	New Mexico Tech Science, Engineering, Research University	NICE Challenges	\$16,000
<b>Nestler, Vincent</b> JHBC IDS	Norwich University	Cybersecurity Education – Evidencing Competency Oversight	\$115,740
<b>Orwin, Paul</b> Biology	ZIVO Bioscience, Inc	Cultivation of <i>V. paradoxus</i> Strains & Related Species	\$6,736
<b>Pantula, Sastry</b> Natural Sciences/ Dean's Office	U.S. Department of Education	Advising for Undergraduate Success (A4US) (supplement)	\$109,303

\*Principal Investigator(s)

## NOTICES OF NEW AWARDS JULY- DECEMBER, 2020 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Steele, Summer</b> Pre-college Programs	State of CA - Student Aid Commission	Cal-SOAP (Supplement)	\$1,400,000
<b>Stull, Michael</b> JHBC Inland Empire Ctr for Entrepreneurship	CSU Fullerton Auxiliary Services (Prime: U.S. Small Business Administration)	Orange County/Inland Empire Regional SBDC Network (CARES Act)	\$750,000
<b>Stull, Michael</b> <b>Nolta, P.</b> (Co-PI) JHBC Inland Empire Ctr for Entrepreneurship	CSU Fullerton Auxiliary Services Corporation	2019-2020 IE SBDC GOBIZ TAEP (Amendment 1)	\$25,000
<b>Stull, Michael</b> <b>Williamson, J.</b> (Co-PI) JHBC Inland Empire Ctr for Entrepreneurship	State of CA – Governor’s Office of Business & Economics	IECE Export Training Project	\$40,985
<b>Stutz, Kristen</b> SAIL	U.S. Department of Education	Student Assistance in Learning (SAIL) Program	\$2,223,755
<b>Sweeney, Dwight</b> UCDD	Inland Regional Center	University Center for Developmental Disabilities (UCDD) 2020-2021	\$691,610
<b>Usher, Timothy</b> Physics	National Aeronautics and Space Administration	Partnerships for Recruitment, Retention, Research and Mentoring for Engineering Excellence and Success (P3RMEES)	\$49,995
<b>Usher, Timothy</b> Physics	California Space Grant Consortium (via UC San Diego; Prime: NASA)	CSUSB-NASA-CaSGC	\$13,000
<b>Ventura, Belisario</b> Mathematics	University Enterprises, Inc./CSU Sacramento	CSU-CO LSAMP 2020-21 "Supplement" (CSU Chancellor’s Office)	\$25,000
<b>Ventura, Belisario</b> Mathematics	University Enterprises, Inc./CSU Sacramento (Prime: National Science Foundation)	CSUS-NSF LSAMP 2020-21	\$25,000

\*Principal Investigator(s)



# ACADEMIC RESEARCH & SPONSORED PROGRAMS HOWL

November 2020

## STUDENT SPOTLIGHT



Isabella Cantu, a junior Sociology major and a Mellon Mays Fellow (MMUF) was awarded the California Sociological Association (CSA) Outstanding Undergraduate Student Award for 2020-2021.

"The Outstanding Undergraduate Student Award is designed to honor a current California undergraduate who has completed 9 units of sociology with a GPA of at least 3.0 and has earned distinction in scholarship and or in service to school, community, or the CSA." Congratulations to Isabella, her mentor Dr. Jose Munoz and the [MMUF](#) program! [Here](#) is more about the MMUF program.

## FEATURED CENTER

### WATER RESOURCES POLICY INITIATIVE

Founded in 2008 and composed of more than 250 water experts from throughout the CSU's 23 campuses, the Water Resources and Policy Initiatives ([WRPI](#))



is developing water management solutions through research, partnerships, education and training that provides students with hands-on learning. WPRI brings almost \$2M annually to support our students, faculty and community! Check [here](#) what they do!

## PRE- & POST- AWARD UPDATES

A new [guideline on processing limited submission opportunities](#) have been posted on the Office of Research and Sponsored Programs (ORSP) website and can be found [here](#). The updates to the **Financial Conflict of Interest (FCOI)** policy have been made to comply with the NIH, NSF and USDA regulations and are posted the Academic Research website [here](#).






### New Post- Award Team Member

Please join us in welcoming a new team member in Sponsored Programs Administration (SPA) - Debbie Gonzalez, Sponsored Programs Coordinator. Debbie will provide much needed administrative support to the SPA operations and the Research Analysts. Debbie is a CSUSB Alumni with Bachelor's degrees in History and Spanish. She has over 10 years of experience working at CSUSB.

## AGENCY NEWS

The National Institutes of Health (NIH) initiated the development of a more comprehensive data sharing policy alongside its efforts to modernize data sharing infrastructure. The Final Policy for Data Management and Sharing (DMS) [NOT-OD-21-013](#) requires researchers to prospectively plan for how scientific data will be preserved and shared through submission of a Data Management and Sharing Plan and applies to **all** research, funded or conducted in whole or in part by NIH. The effective date of the DMS Policy is **January 25, 2023**.

## 2020-21 STATS AT A GLANCE

SUBMITTED <sup>1</sup>	AWARDED <sup>1</sup>	EXPENDED <sup>2</sup>	PUBLICATIONS <sup>3</sup>	IRB <sup>4</sup>
				
\$23.7M	\$28.3M	\$7.7M	188	131

<sup>1</sup> Grants submitted/awarded, July 1 to October 31, 2020.

<sup>2</sup> Funds expended from July 1 to October 31<sup>st</sup>, 2020.

<sup>3</sup> From Web of Science only, January 1 to November 23, 2020

<sup>4</sup> Institutional Review Board (IRB) applications, July 1 to October 31, 2020.

## FACULTY SPOTLIGHT

**Wagner Prado**, Assistant Professor in Kinesiology works on a study to characterize the aerobic exercise intensities in adolescents with obesity. This is the first study to formally characterize the aerobic training intensities.

Dr. Prado together with Drs. April Karlinsky and Venkata Naga Pradeep

Ambati also from Kinesiology, as well as Drs. Leslie Amodeo, Psychology and Benjamin J. Becerra, Information & Decision Sciences joined our inaugural cohort of ASIPRE BRESE Scholars! To find out more about all 2020 BRESE Scholar research project, visit [BRESE Scholars website](#) and watch



them, describing their research in 2 minute videos on the [Academic Research YouTube Channel](#).



## RESEARCH DEVELOPMENT UPDATE

A scientific software, PRISM, is now available to all faculty for use in their research. PRISM allows for customizable visualization of research data and produces publication-quality graphics. For more information, please contact Dr. Cynthia Crawford at [ccrawford@csusb.edu](mailto:ccrawford@csusb.edu).

## COMPLIANCE CORNER

IRB has provided several COVID-19 updates related to research with human participants. More information can be found [here](#).

## DID YOU KNOW?

CSUSB first received designation as a **Hispanic Serving Institution** in 1994 and has received that distinction every year since. In addition, CSUSB has received the US Department of Education's distinction as a High Hispanic Enrolling institution since the inception of that program in 2006.

## ACADEMIC RESEARCH CALENDAR

**SAVE THE DATES!**

**JANUARY 12-13, 2021**

**GRANTS FOR MY RESEARCH**  
Grant Writing Academy Open to All Faculty

**APRIL 12-16, 2021**

**3<sup>rd</sup> ANNUAL RESEARCH WEEK**

## NOTICES OF NEW AWARDS JULY- OCTOBER, 2020

CSUSB received **28** new grant awards for the total amount of **\$19,978,502** from July to October, 2020.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark</b> Psychology & ICDFR	Office of the San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2020-21	\$23,656
<b>Agars, Mark</b> Psychology & ICDFR	San Bernardino County Superintendent of Schools	QSSB/QRIS 2002-2021 San Bernardino County Superintendent of Schools	\$186,786
<b>Alexander, Kristine</b> TCAP	2020-2021 the California Arts Project (TCAP) Professional Learning Proposal for Twin Rivers USD	Twin Rivers Unified School District	\$15,000
<b>Callori, Sara</b> Physics	CSU Chancellor's Office (Prime: National Science Foundation)	RAPID: Reimagined Virtual STEM Laboratory Experiences in Response to COVID-19 Pandemic Impacts on Undergraduate Education	\$36,671
<b>Chuang, Rueyling</b> <b>Alexander, K. (Co-PI)</b> TCAP	University of California – Office of the President	The California Arts Project SO - OTSSA	\$340,000
<b>Cleary, Natalie</b> <b>Chen, D. (Co-PI)</b> Student Affairs	CSU Chico (Prime: CA Dept. of Social Services/USDA)	SNAP-Ed	\$135,294
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> ISDS & CSC	National Security Agency	2020 Academic Center for Excellence Cybersecurity (CAE-C) CSUSB	\$10,541,668
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> ISDS & CSC	National Security Agency	GENCYBER at CSUSB 2020: Middle School	\$117,663
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> ISDS & CSC	National Science Foundation	Renewal of CyberCorps Program at CSUSB (Supplement)	\$281,065
<b>Coulson, Tony</b> <b>Nestler, V. (Co-PI)</b> ISDS & CSC	U.S. Department of Defense	Department of Defense Cybersecurity Scholarship Program at CSUSB with Annex II	\$563,405
<b>Hernandez, Dalia</b> Student Affairs	U.S. Department of Education	Upward Bound San Bernardino (Supplement)	\$10,597
<b>Hood, Carol</b> Physics	American Physical Society (Prime: National Science Foundation)	PhysTEC: Building a Solution to the National Physics Teacher Shortage	\$25,000
<b>Jany, Carmen</b> World Languages & Literatures	U.S. Department of Education	Spanish Language Proficiency and International Cultural Experience for Criminal Justice Professionals	\$339,428
<b>Jetter, Madeleine</b> <b>Aikin, J. (Co-PI)</b> Mathematics	California Math Project (CMP)	(FEDERAL) ESSA Inland Counties Math Project 2020-2021	\$30,952

\*Principal Investigator(s)

## NOTICES OF NEW AWARDS JULY- OCTOBER, 2020 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Mallari, Jeremy Cousins, K., Smith, D., Burke, J.</b> (Co-PIs) Chemistry	National Science Foundation	MRI; Acquisition of a multi-nuclear 400 MHz NMR spectrometer equipped with an autosampler to support undergraduate research at a Hispanic Serving/Minority Serving Institution	\$351,157
<b>Manio, Kurt</b> First Star Academy/ Social Work	San Bernardino Superintendent of Schools FY2020-21	First Star	\$140,875
<b>McReynolds, Connie</b> SpecEd Rehab & Counslg	U.S. Department of Education	Long-Term Training Grant: Rehabilitation Counseling at California State University, San Bernardino	\$1,000,000
<b>Mink, Larry Popescu, M.</b> (Co-PI) Chemistry-Biochemistry	UC Davis (Prime: CA Office of Planning and Research)	Rebalancing the Equity Gap in Chemistry Education with Individualized Adaptive Learning	\$519,637
<b>Nestler, Vincent</b> IDS	New Mexico Tech Science, Engineering, Research University	NICE CHALLENGES	\$16,000
<b>Pantula, Sastry</b> Natural Sciences/ Dean's Office	U.S. Department of Education	Advising for Undergraduate Success (A4US) Supplement	\$109,303
<b>Steele, Summer</b> Pre-college Programs	State of CA - Student Aid Commission	Cal-SOAP (Supplement)	\$1,400,000
<b>Stull, Michael</b> Management & IECE	CSU Fullerton Auxiliary Services (Prime: U.S. Small Business Administration)	Orange County/Inland Empire Regional SBDC Network (CARES Act)	\$750,000
<b>Stull, Michael Nolta, P.</b> (Co-PI) IECE	CSU Fullerton Auxiliary Services Corporation	2019-2020 IE SBDC GOBIZ TAEP (Amendment 1)	\$25,000
<b>Stull, Michael Williamson, J.</b> (Co-PI) Management & IECE	State of CA – Governor's Office of Business & Economics	IECE Export Training Project	\$40,985
<b>Stutz, Kristen</b> SAIL	U.S. Department of Education	Student Assistance in Learning (SAIL) Program	\$2,223,755
<b>Sweeney, Dwight</b> UCDD	Inland Regional Center	UCDD 2020-21	\$691,610
<b>Usher, Timothy</b> Physics	National Aeronautics and Space Administration	Partnerships for Recruitment, Retention, Research and Mentoring for Engineering Excellence and Success (P3RMEES)	\$49,995
<b>Usher, Timothy</b> Physics	California Space Grant Consortium (via UC San Diego; Prime: NASA)	CSUSB-NASA-CaSGC Program	\$13,000

\*Principal Investigator(s)

# ACADEMIC RESEARCH & SPONSORED PROGRAMS HOWL

September 2020

## STUDENT SPOTLIGHT



In celebration of the Hispanic Heritage Month we are featuring the beautiful art-work of a CSUSB Master of Fine Arts alumna **Aeleen Jacinto** from her thesis “Mes-ti-zo”, published on ScholarWorks in June 2019.

<https://scholarworks.lib.csusb.edu/etd/915/>

**Aeleen Jacinto**  
*Self-Portrait, 2018*  
Acrylic and Oil Paint on Canvas  
41 in. x 73 in.

## FEATURED CENTER



### Inland Empire Women’s Business Center (IEWBC)

IEWBC provides services for women business owners at every stage of development and expansion, and is a recipient of a \$420,000 CARES act grant from the United States Small Business Administration.

## PRE & POST – AWARD UPDATE

A Post-Award Senior Research Analyst, **Julie Wessel**, received the 2020 President’s Special Achievement Award!






Research and other scholarly activities continued, and proposal submissions have not slowed down despite the many challenges brought about by COVID-19. CSUSB researchers and scholars submitted a total of 18 proposals for \$9.2M in July and August, 2020.

The National Science Foundation (NSF) has announced that effective October 5, 2020, it will begin enforcing the **2020 PAPPG** to use NSF-approved formats for the Biographical Sketch and Current and Pending Support pages as provided in the PAPPG. Visit <https://www.ncbi.nlm.nih.gov/sciencv/> for more information.

## UPCOMING DEADLINES

Summer Research Fellowship - 10.16.2020 - Click [here](#) to apply.

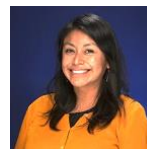
## 2019-20 STATS AT A GLANCE

SUBMITTED	AWARDED	EXPENDED	PUBLICATIONS	IRB <sup>1</sup>
 \$47.3 M	 \$29.2 M	 \$29.9 M <sup>2</sup>	 353 <sup>3</sup>	 454

<sup>1</sup> Institutional Review Board (IRB) applications  
<sup>2</sup> Funds expended in 2019-20, which were awarded in 2019/20 & prior years  
<sup>3</sup> From Web of Science only

## FACULTY SPOTLIGHT

**Maria Santos**, Assistant Professor



in the Department of Psychology is a clinical psychologist dedicated to improving mental health services for Latinx and a recipient of a 5-year \$671,890 National Institutes of Health career development grant for “Optimizing Engagement in Services for First-Episode Psychosis (FEP) in the Community Mental Health Setting.”

## RESEARCH DEVELOPMENT UPDATE

Effective this Fall, in the Research Development Office, hour appointments can be booked on-line via <https://csusb-research-development.youcanbook.me/>

## COMPLIANCE CORNER

For updates on changes occurring from the Institutional Review Board (IRB), please visit our [website](#) homepage under announcements. You will find updated information related to policy and procedures and guidance on recommencement of in person research with COVID-19.

## ACADEMIC RESEARCH CALENDAR

Please check out upcoming Academic Research webinars on our calendar.



## SEPTEMBER 25 IS THE NATIONAL RESEARCH ADMINISTRATOR’S DAY!

*Please join me in giving our Research Administrators in the Pre- and Post-Award Offices special thanks for their hard work, support and guidance they provide for our Principal Investigators across the campus! Their expertise is vital in proposal submissions, compliance and award spending, and they make our research possible in the most significant ways by helping secure funding and guiding us through the complexities of grant management. Great thanks to all CSUSB Research Administrators!*

*Dorota Huizinga*

## NOTICES OF AWARDS JULY-AUGUST 2020

During July and August 2020, CSUSB received notifications of **14** new awards for the total amount of **\$17,281,009**.

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
<b>Agars, Mark</b> Psychology & ICDFR	Office of the San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2020-21	\$23,656
<b>Callori, Sara</b> Physics	CSU Chancellor's Office (Prime: National Science Foundation)	RAPID: Reimagined Virtual STEM Laboratory Experiences in Response to COVID-19 Pandemic Impacts on Undergraduate Education	\$29,448
<b>Coulson, Tony</b> <b>Nestler, Vincent</b> (Co-PI) ISDS & CSC	National Security Agency	2020 Academic Center for Excellence – Cybersecurity (ACE-C) CSUSB	\$10,541,668
<b>Coulson, Tony</b> <b>Nestler, Vincent</b> (Co-PI) ISDS & CSC	National Security Agency	GENCYBER	\$117,662
<b>Coulson, Tony</b> <b>Nestler, Vincent</b> (Co-PI) ISDS & CSC	National Science Foundation	Renewal of the CyberCorps Program at California State University San Bernardino	\$596,755
<b>Hood, Carol</b> Physics	American Physical Society (Prime: National Science Foundation)	PhysTEC: Building a Solution to the National Physics Teacher Shortage	\$25,000
<b>Jany, Carmen</b> World Languages & Literatures	U.S. Department of Education	Spanish Language Proficiency and International Cultural Experience for Criminal Justice Professionals	\$339,428
<b>Mallari, Jeremy</b> <b>Cousins, K., Smith, D.,</b> <b>Burke, J.</b> (Co-PIs) Chemistry	National Science Foundation	MRI; Acquisition of a multi-nuclear 400 MHz NMR spectrometer equipped with an autosampler to support undergraduate research at a Hispanic Serving/Minority Serving Institution	\$351,157
<b>Manio, Kurt</b> First Star Academy/Social Work	San Bernardino Superintendent of Schools	FY2020-21 First Star	\$140,875
<b>Stutz, Kristen</b> SAIL	U.S. Department of Education	Student Assistance in Learning (SAIL) Program	\$2,223,755
<b>Steele, Summer</b> Pre-college Programs	State of CA - Student Aid Commission	Cal-SOAP (supplement)	\$1,400,000
<b>Stull, Mike</b> Management & IECE	CSU Fullerton Auxiliary Services (Prime: U.S. Small Business Administration)	Small Business Development Centers CARES Act	\$750,000
<b>Sweeney, Dwight</b> UCDD	Inland Regional Center	UCDD 2020-21	\$691,610
<b>Usher, Timothy</b> Physics	National Aeronautics and Space Administration	Partnerships for Recruitment, Retention, Research and Mentoring for Engineering Excellence and Success (P3RMEES)	\$49,995

\*Principal Investigator(s)