

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 ¹	AWARDED ¹	EXPENDED ²	PUBLICATIONS ³	IRB ⁴
\$ 25.6M	\$ 29.4M	\$12.1M	7	247

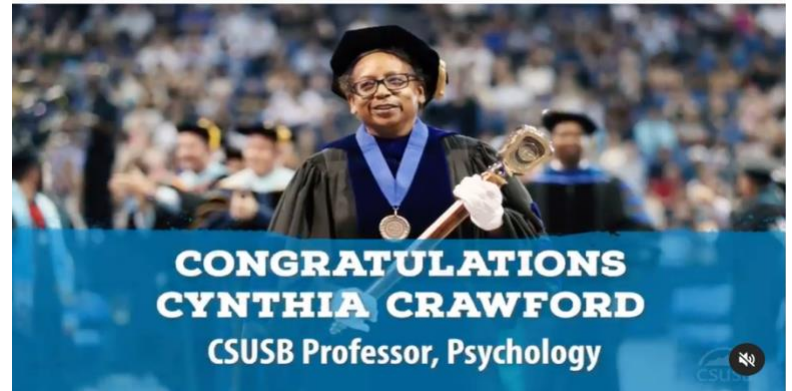
¹ Grants submitted/awarded, July 1 to December 31, 2020.

² Funds expended from July 1 to December 31, 2020.

³ From Web of Science only, January 2021

⁴ 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
3rd 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
Agars, Mark Psychology & ICDFR	San Bernardino County Superintendent of Schools	SBCSS Tutoring Program 2020-2021	\$23,656
Agars, Mark Psychology & ICDFR	San Bernardino County Superintendent of Schools	QSSB/QRIS 2020-2021	\$186,786
Agars, Mark Psychology & ICDFR	San Bernardino County Superintendent of Schools	BEFAST Cognitive Training in San Bernardino County	\$200,000
Alexander, Kristine TCAP	2020-2021 the California Arts Project (TCAP) Professional Learning Proposal for Twin Rivers USD	Twin Rivers Unified School District	\$15,000
Becerra, Benjamin 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
Callori, Sara 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
Chuang, Rueyling Alexander, K. (Co-PI) TCAP	University of California – Office of the President	The California Arts Project SO - OTSSA	\$340,000
Cleary, Natalie Chen, D. (Co-PI) Student Affairs	CSU Chico (Prime: CA Dept. of Social Services/USDA)	SNAP-Ed	\$135,294
Coulson, Tony Nestler, V. (Co-PI) JHBC IDS & CSC	National Security Agency	CAE-C National Cyber Security Center Grant	\$10,541,668
Coulson, Tony JHBC IDS & CSC	National Security Agency	GenCyber at CSUSB 2020: Middle School	\$117,663
Coulson, Tony Nestler, V. (Co-PI) JHBC IDS & CSC	National Science Foundation	Renewal of CyberCorps Program at CSUSB (supplement)	\$281,065
Coulson, Tony Nestler, V. (Co-PI) JHBC IDS & CSC	U.S. Department of Defense	Department of Defense Cybersecurity Scholarship Program at CSUSB with Annex II	\$563,405
Hernandez, Dalia Student Affairs	U.S. Department of Education	Upward Bound San Bernardino (Supplement)	\$10,597
Hood, Carol 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
Jany, Carmen World Languages & Literatures	U.S. Department of Education	Spanish Language Proficiency and International Cultural Experience for Criminal Justice Professionals	\$339,428
Jetter, Madeleine Aikin, J. (Co-PI) Mathematics	University of California – Office of the President	(Federal) ESSA Inland Counties Math Project 2020-2021	\$30,952
Kowalski, Kurt Teacher Education & Foundation	Riverside County Superintendent of Schools	2020-21 Center for Teacher Induction Program (CTI)	\$99,357
Lloset, Giovanna Mathematics	CSU Office of the Chancellor	CSU/UC Mathematics Diagnostic Testing Project – MDTP/Workgroup 2019-20	\$5,377
Lo, Min-Lin Mathematics	San Jose State University Research Foundation	Undergraduate Research Groups in the CSU Alliance for PUMP: Preparing Undergraduates through Mentoring toward PhDs	\$11,518
Mallari, Jeremy Cousins, K., Smith, D., Burke, J. (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
Manio, Kurt CSUSB Social Work	San Bernardino Superintendent of Schools	FY2020-21 First Star	\$140,875
McAllister, Carolyn Psychology	University of California – Berkeley	FY 2020-2022 CalSWEC Title IV-E Stipend Program	\$6,489,878
McReynolds, Connie SpecEd Rehab & Counseling	U.S. Department of Education	Long-Term Training Grant: Rehabilitation Counseling at California State University, San Bernardino	\$1,000,000
Mink, Larry Popescu, M. (Co-PI) 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
Nestler, Vincent JHBC IDS	New Mexico Tech Science, Engineering, Research University	NICE Challenges	\$16,000
Nestler, Vincent JHBC IDS	Norwich University	Cybersecurity Education – Evidencing Competency Oversight	\$115,740
Orwin, Paul Biology	ZIVO Bioscience, Inc	Cultivation of <i>V. paradoxus</i> Strains & Related Species	\$6,736
Pantula, Sastry 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
Steele, Summer Pre-college Programs	State of CA - Student Aid Commission	Cal-SOAP (Supplement)	\$1,400,000
Stull, Michael 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
Stull, Michael Nolta, P. (Co-PI) JHBC Inland Empire Ctr for Entrepreneurship	CSU Fullerton Auxiliary Services Corporation	2019-2020 IE SBDC GOBIZ TAEP (Amendment 1)	\$25,000
Stull, Michael Williamson, J. (Co-PI) JHBC Inland Empire Ctr for Entrepreneurship	State of CA – Governor’s Office of Business & Economics	IECE Export Training Project	\$40,985
Stutz, Kristen SAIL	U.S. Department of Education	Student Assistance in Learning (SAIL) Program	\$2,223,755
Sweeney, Dwight UCDD	Inland Regional Center	University Center for Developmental Disabilities (UCDD) 2020-2021	\$691,610
Usher, Timothy Physics	National Aeronautics and Space Administration	Partnerships for Recruitment, Retention, Research and Mentoring for Engineering Excellence and Success (P3RMEES)	\$49,995
Usher, Timothy Physics	California Space Grant Consortium (via UC San Diego; Prime: NASA)	CSUSB-NASA-CaSGC	\$13,000
Ventura, Belisario Mathematics	University Enterprises, Inc./CSU Sacramento	CSU-CO LSAMP 2020-21 "Supplement" (CSU Chancellor’s Office)	\$25,000
Ventura, Belisario Mathematics	University Enterprises, Inc./CSU Sacramento (Prime: National Science Foundation)	CSUS-NSF LSAMP 2020-21	\$25,000

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