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

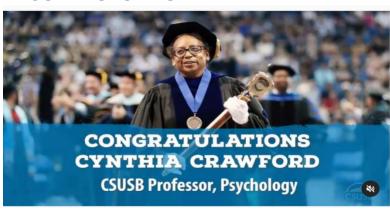
The National Institute of General Medical Sciences (NIGMS) intends to publish a Funding Opportunity Announcement (FOA) to solicit applications for research as part of the Support for Research Excellence (SuRE) Program. Similar to SCORE, SuRE is a research capacity building program designed to develop 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 <a href="https://example.com/here.com/he

2020-21 STATS AT A GLANCE

| SUBMITTED ¹ | AWARDED ¹ | EXPENDED ² | PUBLICATIONS ³ | IRB⁴ |
|------------------------|----------------------|-----------------------|---------------------------|------|
| ₹ | | \$ | | |
| \$ 25.6M | \$ 29.4M | \$12.1M | 7 | 247 |

- ¹ Grants submitted/awarded, July1 to December 31, 2020.
- ² Funds expended from July 1 to December 31^t, 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-reviewboard/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 | 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 |
| Llosent, 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-Pls) 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 & CounsIg | 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 V. paradoxus 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 |

^{*}Principal Investigator(s)