

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 ¹	AWARDED ¹	EXPENDED ²	PUBLICATIONS ³	IRB ⁴
				
\$87.5M	\$41.2M	\$31.1M	254	479

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

² Funds expended from July 1, 2020 to June 30, 2021.

³ From Web of Science *only*, January 1 to December 31, 2020.

⁴ 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
Agars, Mark* Psychology	Making Hope Happen Foundation	The Science of Parenting Classes 2021-2022	\$8,000
Agars, Mark* Psychology	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (2021-22)	\$182,816
Alexander, Kristine* Chuang, Rueyling (Co-PI) TCAP	University of California Office of the President	The California Arts Project CSMP ESSER (CARES Act)	\$665,780
Bloodhart, Brittany* 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
Coulson, Tony* Nestler, V. (Co-PI) IDS & CSC	National Science Foundation	Renewal of the CyberCorps Program at California State University San Bernardino	\$3,872,923
Coulson, Tony* Weber, C. (Co-PI) IDS & CSC	National Security Agency	NCAE-C in Cybersecurity Education Initiative 2021	\$2,999,196
Coulson, Tony* Nestler, V. (Co-PI) IDS & CSC	Department of Defense	Department of Defense CYBERSECURITY Scholarship Program at CSUSB 2021-2022	\$67,447
Cousins, Kimberley* Usher, T (Co-PI), Smith, D. (Co-PI), Zhang, R. (Co-PI), Callori, S. (Co-PI) Chemistry	National Science Foundation	NSF-CREST II – partnership supplement 2021	\$99,755
Gomez, Pablo* Psychology	National Science Foundation	Collaborative Research: Interaction of Sensory and Response Processes in Decision Making	\$293,595
Hernandez, Edwin* 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
Hou, Yunfei* Salloum, R. (Co-PI), Sun, Q. (Co-PI), Aikin, J. (Co-PI), Aldirawi, H. (Co-PI) Computer Science	National Science Foundation	Collaborative Research: DS-PATH: Data Science Career Pathways in the Inland Empire	\$250,000
Munoz, José* Sociology	National Science Foundation	Collaborative Research: HSI Conference: Exploring the hidden realities of contingent Latinx faculty in STEM	\$49,000
Orwin, Paul* Dodsworth, J. (Co-PI), Rhoads, D. (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
Pantula, Sastry* Maynard, D. (Co-PI), Escalante, G. (Co-PI) Natural Sciences/Dean's Office	U.S. Department of Education	PATHS: Proactive Approaches for Training Hispanics in STEM	\$4,989,597
Stull, Michael* Nolta, P. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: Small Business Administration)	OCIE SBDC 2021	\$405,000
Stull, Michael* Skiljan, M. (Co-PI) Inland Emp Ctr for Entr	City of Palm Desert	Palm Desert Community Development Block Grant (CDBG)	\$30,000
Usher, Timothy* 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
Wasserman, Kelli* Balady, S. (Co-PI) Mathematics	Redlands Unified School District	Redlands USD Professional Development 6th Grade	\$18,900
Wasserman, Kelli* Balady, S. (Co-PI) Mathematics	Redlands Unified School District	Redlands USD Professional Development 4th-5th Grade	\$18,900
Wasserman, Kelli* 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