

STUDENT SPOTLIGHT



Negin Ghaffari. In Spring 2022, I started the Masters in Psychological Sciences program at California State University, San Bernardino and I continued my work in the area of childhood adversity with Dr. Christina Hassija. Working closely with Dr. Hassija has allowed me to conduct, present and publish on health-related disorders and Posttraumatic Stress Disorder. I am currently working on a thesis project which aims to examine the relationship between adverse childhood experiences, environmental variables (i.e. social support), and food addiction among college students. My findings will shed light on the different resilience factors within this population. In July, Negin was one of the Seven Cal State San Bernardino students were selected as the California State University's 2023-24 [Sally Casanova Pre-Doctoral Scholars](#). The seven scholars were selected from a total of 156 highly qualified CSU Pre-Doctoral Program applicants. She also served as a Coyote Research Ambassador (CRA) for the OSR for the 22-23 school year and will continue to serve as a CRA for the 23-24 academic year.

FEATURED CENTER

Center for Health Equity (CHE)

The primary purpose of the Center for Health Equity (CHE) is to increase the research, scholarship, and training opportunities for faculty and students in the area of health equity in order to address the ongoing disparities faced by our service area and community at large. Under the current leadership (since 2017), CHE



has a demonstrated track record of research excellency and recognition, including: over 30 peer reviewed publications, two mentored programs supporting over

25 students, partnership with local universities to establish health professions training programs, as well as securing several internal and extramural grants, including from Tobacco-Related Disease Research Program and National Institutes of Health's AIM AHEAD. In addition, several members of CHE's leadership team were also competitively selected by ReachOut (a local non-profit organization) as part of the Center for Civic Policy & Leadership, Racial Justice Fellowship program. More information for the center can be found [here](#).

2022-23 STATS AT A GLANCE

SUBMITTED ¹	AWARDED ¹	EXPENDED ²	PUBLICATIONS ³	IRB ⁴
 \$88.2M	 \$51.7M	 \$7.1M	 166	 428

¹ Grants and contracts submitted/awarded, July 1, 2022 to June 30, 2023.
² Funds expended from July 1, 2022 to June 30, 2023.
³ From Web of Science *only*, January 1 to September 29, 2023.
⁴ Institutional Review Board (IRB) applications, July 1, 2022 to June 30, 2023.

FACULTY/STAFF SPOTLIGHT



Summer Steele is the inaugural Executive Director of the Office of Pre-College Programs. A two-time alumnus of CSUSB, Ms. Steele holds a bachelor's in human services and a master's and PPS Credential in Educational Counseling. As the Executive Director, Summer is responsible for leading 14 grant-funded pre-college projects and has

worked with her team to secure more than 20 million dollars in grant funding since 2021. Together, the projects employ 34 full-time professional staff members, up to 100 part-time and/or student employees, 75 college Fellows, and 20 volunteer interns. While each project serves a specific student population, all programs are designed to reduce barriers and promote equitable access to higher education. For more information, please see the [Inside CSUSB article](#) or visit our [website](#).

ACADEMIC RESEARCH TEAM HIGHLIGHTS

Service Milestone Congratulations to Debbie Gonzalez (15 years) and Tanya Valery (10 years)! Welcome new Academic Research team members!

- Cynthia Crawford** – Associate Provost, Academic Research
- Jason Burke** – Director, Office of Research Development
- Tawney Hall** – SPA Research Analyst in October 2022
- Emily Jurilla** – SPA Research Analyst in January 2023
- Sylvia Perez** – SPA Research Analyst in August 2023
- Stacy Charlier** – SP Human Resources Specialist in June 2023

SPONSORED RESEARCH WORKSHOP SERIES

The Sponsored Research workshop series supported by the NIH grant, ASPIRE (Advancing Sponsored Program Infrastructure for Research Excellence) began on September 7, 2023. To view details on the various workshops offered by the Office of Academic Research, please visit [the Office of Academic Research website](#). To earn a certificate in Sponsored Research (series), participants must complete at least four (4) workshops; to earn a certificate in Teacher Scholar (Series II), Mentoring Students in Research (Series III), Research Compliance (Series IV) and Diversity and Inclusion in Research (Series IV), a participant must complete at least three (3) workshops in each category.

NATIONAL RESEARCH ADMINISTRATOR DAY!

We recognize all our research administrators, team members, and student assistants in the Office of Academic Research, Research Development, Research & Sponsored Programs, Sponsored Programs Administration, and Compliance. Thank you for your efforts and commitment in support of research, creative, and scholarly activities at CSUSB!



NOTICES OF NEW AWARDS

CSUSB received 80 new grant awards for the total amount of **\$59,598,124** from July 1, 2022 to June 30, 2023.

PI(s)*/DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Agars, Mark* Child Development	San Bernardino County Superintendent of Schools	Quality Start San Bernardino - SBCSS 2022-23	\$216,000
Agars, Mark* Child Development	San Bernardino County Superintendent of Schools	Tutoring Program 2022-23	\$51,179
Agars, Mark* Child Development	San Bernardino County Superintendent of Schools	BeFAST Cognitive Training Program	\$200,000
Agars, Mark* Child Development	Riverside County Superintendent of Schools	Classroom and Assessments - Early Care and Education (QSRC 2022-23)	\$175,700
Agars, Mark* Child Development	Making Hope Happen	KITS Parent Education Classes	\$16,000
Agars, Mark* Child Development	Rialto Unified School District	SOP Rialto USD	\$9,600
Alexander, Kristine* Chuang, R. (Co-PI) TCAP	University of California Office of the President (Prime: CA Department of Education)	TCAP SO CSMP State 2022-2025	\$273,000
Alexander, Kristine* Chuang, R. (Co-PI) TCAP	University of California Office of the President (Prime: Federal (ESSA))	TCAP SO ESSA 2022	\$150,000
Alexander, Kristine* Chuang, R. (Co-PI) TCAP	Regents of the University of California (UC Davis) (Prime: University of California Office of the President)	TCAP SO CSMP Ethnic Studies Initiative Phase 1	\$60,000
Alford, Jennifer* Geography	Inland Empire Resource Conservation District	Community-Based Forest Resiliency, San Bernardino National Forest, California	\$159,996
Amodeo, Leslie* Psychology	The Scripps Research Institute (TSRI)	Effects of alcohol on sleep/activity rhythms: Focus on Hypocretin/Orexin	\$385,851
Anderson, Annika* Jones, P. (Co-PI) Sociology	CSU Fullerton Auxiliary Services Corporation (Prime: California Wellness Foundation)	Giving Back: A Restorative Justice Framework for Project Rebound, Motivating Opportunity Youth	\$50,000
Bichler, Gisela* 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

*Principal Investigator

NOTICES OF NEW AWARDS JULY 2022 – June 30, 2023 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Bidgoli, Tandis* 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
Brunet, Nicolas* Psychology	National Institutes of Health	Improving the reliability of eye tracking to diagnose concussion	\$296,639
Callori, Sara* Muheidat, F. (Co-PI) Crismani, M. (Co-PI) Physics	U.S. Department of Energy	Experiencing Physics and Inspiring Communities (EPIC)	\$125,000
Camilo, Diana* SpecEd Rehab & Counseling	San Diego State University Research Foundation (Prime: Kresge Foundation)	Building the capacity of educational practitioners to address postsecondary Guidance, Transition, and Persistence	\$40,000
Chao, Mike* Vickers, C. (Co-PI), Pantula, S. (Co-PI) Nickerson, D. (Co-PI), Biology	National Science Foundation	HSI Institutional Transformation Project: Retention and Achievement for Introductory STEM English Learners (RAISE)	\$2,993,497
Collins, Kimberly* Public Administration	San Jose State University	Medium and Heavy-Duty Electric Vehicle Market: THE INLAND EMPIRE	\$150,000
Coulson, Tony* IDS & CSC	National Security Agency	GenCyber High School at CSUSB (2022-2024)	\$81,440
Coulson, Tony* Nestler, V. (Co-PI) IDS & CSC	National Security Agency	NSA_CAE National Center_2022-2025	\$17,576,032
Coulson, Tony* IDS & CSC	Northeastern University (Prime: National Security Agency)	2021-9 INSuRE Program Expansion	\$216,048
Crawford, Cynthia* Psychology	National Institutes of Health	U-RISE at California State University San Bernardino (Supplement)	\$50,911
Crismani, Matteo* Physics	National Aeronautics and Space Administration	Martian Cloud Watching	\$72,002
Davidson-Boyd, Lesley* Beech, R. (Co-PI) Academic Affairs	Regents of the University of California (UC Riverside) (Prime: CA Health Care Access and Information)	Health Professions Pathways Program	\$250,432
De La O, Armalyn* Ervin, K. (Co-PI), TCAP	Regents of the UC - Office of the President (Prime: State of California)	RIMS California Arts Project 2022-25	\$20,000
De La O, Armalyn* Ervin, K. (Co-PI), TCAP	Regents of the UC - Office of the President (Prime: Federal (ESSA))	RIMS California Arts Project (2022-23 ESSA)	\$104,536

*Principal Investigator

NOTICES OF NEW AWARDS JULY 2022 – June 30, 2023 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Dhillon Brar, Manpreet* 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
Fangonil-Gagalang, Evangeline* Thomas, T. (Co-PI), Pattayakorn, P. (Co-PI) Nwamu, H. (Co-PI), Nursing	State of California - Dept of Health Care Access and Information	Song-Brown Registered Nurse Educator Capitation Program 2023-25 at CSUSB	\$630,000
Gomez, Edward* Art	American Council of Learned Societies (Prime: National Endowment for the Humanities)	The MexiCali Biennial: The Land of Milk and Honey	\$66,906
Gomez, Pablo* Psychology	National Science Foundation	Collaborative Research: Reviewer Zero: Changing the culture of peer review to increase diversity, equity, & inclusion	\$117,053
Gudino, Jasmine* Stull, M. (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of California OSBA)	Women's Business Center – CalOSBA TAP	\$91,500
Gudino, Jasmine* Stull, M. (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of California OSBA)	Women's Business Center – CalOSBA Enhancement Plan (Coachella Valley)	\$390,000
Harding, Cassandra* Health Science	Trustees of Tufts College	Feed the Future Food Systems for Nutrition Innovation Lab	\$91,210
Heisterkamp, Brian* Communications	U.S. Department of Education	Pathways to Success: Creating Opportunities in the Arts and Humanities	\$2,993,140
Hernandez, Dalia* Student Affairs	U.S. Department of Education	Upward Bound Math Science RUSD 2022-2027	\$1,488,005
Hernandez, Edwin* SpecEd Rehab & Counseling	Loyola Marymount University (Prime: Spencer Foundation)	Serving the Public Good: Exploring the Role of Minority Serving Institutions in the Civic Development of Racial/Ethnic Minority Students	\$5,986
Hood, Carol* Physics	Riverside Community College District (Prime: National Science Foundation)	HSI Implementation and Evaluation Project: STEM Equity through Faculty Innovation	\$208,526
Horner, Angela* Biology	National Institutes of Health	Early life exercise effects on tendon maturation and resistance to late life tendinopathies	\$568,260
Huhn, Arianna* Anthropology	Institute of Museum and Library Services	Afróntalo Exhibition	\$49,995
Jones, Jacob* 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

*Principal Investigator

NOTICES OF NEW AWARDS JULY 2022 – June 30, 2023 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Jones, Jacob* Psychology	Washington State University (Prime: National Institutes of Health)	URBAN Native Elders (URBANE): Risk and Protective Factors for Alzheimer's and Related Dementias (Supplemental)	\$22,242
Kowalski, Kurt* Riggs, I. (Co-PI) Teacher Education & Foundation	Riverside County Superintendent of Schools	Co-Training of the Teacher Induction Program	\$104,285
Lazar, Codi* Geology	National Science Foundation	Collaborative Research: Experimental controls on Clumped Isotope Signatures of CH ₄ in Deep-Sea Vents	\$140,466
Llorent, Giovanna* Mathematics	Regents of the University of California (UC San Diego) (Prime: CSU Chancellor's Office)	MTDP WG Chair at CSU San Bernardino (2022)	\$14,401
Llorent, Giovanna* Mathematics	Regents of the University of California (UC San Diego) (Prime: CSU Chancellor's Office)	CSU/UC Mathematics Diagnostic Testing Project – MDTP	\$48,753
Lopez Perez, Lua* 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
McAllister, Carolyn* Culbertson, S. (Co-PI) Social Work	Regents of the University of California (Prime: California Department of Social Services)	CalSWEC Title IV-E Training Program	\$6,791,014
McAllister, Carolyn* Social Work	California Department of Health Care Access and Information	PDC MSW Expansion	\$2,252,297
Nerren, Jessica* Student Services	California Department of Rehabilitation	Diversity and Cultural Competency	\$50,000
Nerren, Jessica* Student Services	California Department of Rehabilitation	Workability IV 2023-26	\$1,136,217
Nestler, Vincent* IDS	Pacific Northwest National Laboratory (Prime: U.S. Department of Energy)	Cyber Halo Innovation Research Program (CHIRP)	\$483,928
Nestler, Vincent* Coulson, T. (Co-PI) IDS	U.S. Department of Homeland Security	Cyber Career Pathways Micro-Challenges	\$1,020,226
Nestler, Vincent* IDS	Norwich University (Prime: National Security Agency)	NCAEC-001-2022 CPNC - 2.1.5. Competency Development and Documentation	\$494,795
Nestler, Vincent* Coulson, T. (Co-PI) IDS	NXL Cyber, LLC	Cyber Content Consulting	\$2,264
Ni, Anna (Ya)* McIntyre, M. (Co-PI), Hou, Y. (Co-PI) Public Administration	National Science Foundation	HSI Pilot Project: Improving Online STEM Education for Undergraduate Students in HSI contexts	\$199,952

*Principal Investigator

NOTICES OF NEW AWARDS JULY 2022 – June 30, 2023 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Nickerson, Daniel* Bournias-Vardiabasis, N. (Co-PI) Chao, M. (Co-PI) Lopez Perez, L. (Co-PI) Zelaya, A. (Co-PI) Biology	California Institute of Regenerative Medicine	Student Pluripotency: Realizing Untapped Undergraduate Potential in Regenerative Medicine	\$2,909,853
Nolta, Paul* Stull, M. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: US Small Business Administration)	OCIE SBDC 2022	\$285,000
Nolta, Paul* Stull, M. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: California Governor's Office of Business and Economic Development (GO-Biz))	GoBiz TAEP 2022-23	\$550,000
Nolta, Paul* Stull, M. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: California Governor's Office of Business and Economic Development (GO-Biz))	GoBiz CIP 2022-23	\$75,000
Nolta, Paul* Stull, M. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: State of California (Go-Biz))	GO-Biz TAEP 2022-2023	\$125,000
Rhoads, David* Biology	University of the Pacific (Prime: National Science Foundation)	EDGE CMT(RUI): Role of Toxin Antitoxin Systems in Biofilm Formation and Horizontal Gene Transfer in the genus Variovorax	\$10,365
Scott, Jacqueline* Stull, M. (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of California OSBA)	Women's Business Center – CalOSBA TAP 2022-23	\$134,199
Scott, Jacqueline* Stull, M. (Co-PI) Inland Emp Ctr for Entr	Southwestern Community College District (Prime: State of California OSBA)	Women's Business Center – CalOSBA Enhancement Plan	\$390,000
Solsona-Puig, Jordi* Teacher Education & Foundation	California Commission on Teacher Credentialing	Integrated Bilingual Authorization Program (IBAP)	\$499,997
Steele (Bivens), Summer* Student Affairs	San Bernardino County Superintendent of Schools	CalSOAP SBCSS Agreement 2022/23-0391	\$160,000
Steele (Bivens), Summer* Student Affairs	OPR/California Volunteers	IE Fellows	\$76,873
Steele (Bivens), Summer* Student Affairs	U.S. Department of Education	High School Equivalency Program (HEP) 2023-2028	\$2,309,051
Stull, Michael* Gudino, J. (Co-PI) Inland Emp Ctr for Entr	U.S. Small Business Administration	CVWBC Renewal 2022-23	\$150,000
Stull, Michael* Shelton, K. (Co-PI) Inland Emp Ctr for Entr	U.S. Small Business Administration	IEWBC Renewal 2022-23	\$149,999

*Principal Investigator

NOTICES OF NEW AWARDS JULY 2022 – June 30, 2023 (continued)

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Stull, Michael* Williamson, J. (Co-PI) Inland Emp Ctr for Entr	Governor's Office of Business and Economic Development	California Export and Cross-border E-Commerce Training and Consulting	\$124,500
Stull, Michael* Nolta, P. (Co-PI) Inland Emp Ctr for Entr	Riverside County (Office of Economic Development)	Entrepreneurial Development Services - Entrepreneurial Resource Center & Veterans Entrepreneurship	\$1,725,000
Sudhakar, Samuel* 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
Van Schagen, Amy* Agars, M. (Co-PI) Child Development	San Bernardino County Superintendent of Schools	Workforce Pathways - Early Childhood Administrative Leadership Certificate (ECAL) 2022/2023	\$300,000
Ventura, Belisario* Scow, L. (Co-PI) Mathematics	University Enterprises, Inc. (CSU Sacramento) (Prime: National Science Foundation)	LSAMP 2022-23	\$20,000
Wasserman, Kelli* Aikin, J. (Co-PI), Mathematics	University of California Office of the President	Inland Counties Math Project (STATE FUNDS) 2022-2025	\$24,000
Wasserman, Kelli* Aikin, J. (Co-PI), Mathematics	California Math Project (Prime: Federal (ESSA))	Inland Counties Math Project (FEDERAL-ESSA 2022-2023)	\$30,952
Weiss, Douglas* Norris, A. (Co-PI), Marteache, N. (Co-PI), Bichler, G. (Co-PI) Criminal Justice	Riverside County Probation Department	Riverside County Probation Department - Systemic Racism Project	\$249,995
Wilcox-Herzog, Amanda* Child Development	U.S. Department of Education	CCAMPIS at California State University San Bernardino	\$3,673,812
Wimberly, Maria (Kate)* Hood, C. (Co-PI) Physics	National Science Foundation	Cal-Bridge Summer Institute Alumni Conference	\$49,375

*Principal Investigator