

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 ¹	AWARDED ¹	EXPENDED ²	PUBLICATIONS ³	IRB ⁴
				
\$ 47.3M	\$ 36.1M	\$16.8M	40	343

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

² Funds expended from July 1, 2020 to February 28, 2021.

³ From Web of Science *only*, January 1 to March 25, 2021.

⁴ 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

4th 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
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
Agars, Mark* Psychology & ICDFR	Making Hope Happen Foundation	Science of Parenting Classes	\$48,000
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* 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
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
Chuang, Rueyling* Alexander, K. (Co-PI) TCAP	University of California – Office of the President	2020-2021 TCAP SO CSMP/ESSA 20	\$168,000
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) IDS & CSC	National Security Agency	CAE-C National Cyber Security Center Grant	\$10,541,668
Coulson, Tony* IDS & CSC	National Security Agency	GenCyber at CSUSB 2020: Middle School	\$117,663
Coulson, Tony* Nestler, V. (Co-PI) IDS & CSC	National Science Foundation	Renewal of CyberCorps Program at CSUSB (supplement)	\$281,065
Coulson, Tony* Nestler, V. (Co-PI) 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
Ervin, Kathryn* De La O, A. (Co-PI) Theatre Arts	The Regents of the University of California (Prime: UCOP)	ESSA 20 – TCAP – SB RIMS – RIMS California Arts Project	\$94,000
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
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	California Math Project (CMP)	(Federal) ESSA Inland Counties Math Project 2020-2021	\$30,952
Jetter, Madeleine* Aikin, J. (Co-PI) Mathematics	The Regents of the University of California	(State) Inland Counties Math Project 2020-2021	\$30,953
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* 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 & Counslg	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	UC Davis (Prime: CA Office of Planning and Research)	Rebalancing the Equity Gap in Chemistry Education with Individualized Adaptive Learning	\$519,637
Nolta, Paul* Stull, M. (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

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

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Nolta, Paul* Stull, M. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation (Prime: CA Governor's Office Go-BIZ)	Go-BIZ TAEP 2020-2021	\$330,000
Nestler, Vincent* IDS	New Mexico Tech Science, Engineering, Research University	NICE Challenges	\$16,000
Nestler, Vincent* 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
Steele, Summer* Pre-college Programs	State of CA - Student Aid Commission	Cal-SOAP (Supplement)	\$1,400,000
Stull, Michael* Nolta, P. (Co-PI) 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
Stull, Michael* Nolta, P. (Co-PI) Inland Emp Ctr for Entr	CSU Fullerton Auxiliary Services Corporation	2019-2020 IE SBDC GOBIZ TAEP (Amendment 1)	\$25,000
Stull, Michael* Scanlan, K. (Co-PI) Inland Emp Ctr for Entr	Small Business Administration	Coachella Valley Women's Business Center Renewal 2021	\$150,000
Stull, Michael* Scanlan, K. (Co-PI) 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
Stull, Michael* Skiljan, M. (Co-PI) Inland Emp Ctr for Entr	Small Business Administration	Inland Empire Women's Business Center	\$150,000
Stull, Michael* Skiljan, M. (Co-PI) 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
Stull, Michael* Williamson, J. (Co-PI) Inland Emp Ctr for Entr	State of CA – Governor's Office of Business & Economics	IECE Export Training Project	\$40,985

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

PI (s) */DEPARTMENT	SPONSOR	PROPOSAL TITLE	AMOUNT
Stull, Michael* Williamson, J. (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
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
Van Schagen, Amy* Psychology	San Bernardino County Superintendent of Schools	ICDFR Contract 2020-2021 – San Bernardino County Superintendent of Schools	\$297,972
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: NSF)	CSUS-NSF LSAMP 2020-21	\$25,000

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