

Subject: OGSR Newsletter - April
Date: Friday, April 5, 2024 at 7:00:15 AM Pacific Daylight Time
From: OGSR Grants and Contracts Development
To: OGSR Grants and Contracts Development
Attachments: image001.png, image002.png



California State University
SAN MARCOS

OFFICE OF GRADUATE
STUDIES AND RESEARCH

CSUSM Grants Newsletter | April 2024

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ANNOUNCEMENTS

Summer 2024 Grant Writing Bootcamp Call for Proposals. The OGSR Grants and Contracts Development Team is pleased to announce a sponsored workshop opportunity for faculty to write grant proposals approximately June 24 – July 19, 2023. Exact dates will be announced to the selected participants. **The Grant Writing Bootcamp: Summer Edition** will be open to all disciplines. While all faculty are eligible to apply, priority will be given to faculty who have not previously received major funding or received GPSM funding.

- Dedicated time to write a proposal during the summer
- Compensation up to \$4,000
- One-on-one consultations and peer reviewing
- Sessions on budgeting, charts and graphs, and CVs/biosketches

To Apply: Submit by email a one-page project summary (i.e., including an overview of the project and the significance of the proposed work in connection to the sponsor's goals), a current CV, and a link to the solicitation to which you are responding to ebell@csusm.edu. Those who are resubmitting should include documentation about the approach to a resubmission. Questions about the bootcamp can be directed to [Liz Bell](#). Deadline: Monday April 15, 2024, 7am.

Awardees will be announced by Monday April 22, 2024. CSUSM-OGSR Grant Proposal Seed Money (GPSM) CSUSM, through the Office of Graduate Studies and Research, encourages and supports faculty in the development and submission of proposals for external funds. [GPSM](#) funds are available to fund pilot or preliminary work that will make an external proposal submission more competitive. Awards are typically are up to \$3K (up to \$5K with justification for a higher amount).

2024 Professional Advancement Travel Resource – Call for Applications is open. Professional Advancement Travel Resources (PATR) are available to CSUSM faculty, non-MPP staff, and students to support individual professional development that is in alignment with CSUSM's mission and vision. Funding levels by group are expected to be in proportion to the number of applications received. Eligibility Criteria:

- **Travel dates from June 2024 – May 2025**
- Travelers are eligible to submit one application
- Students must be enrolled and in good standing
- [CSU Travel Policy and CSUSM Procedures](#) must be followed
- Travel award up to \$2,000 of allowable costs

Visit the Office of [Graduate Studies & Research website](#) and click Apply to be taken to the submission portal on InfoReady. The application package must be submitted by 5:00 pm PST on **Monday, April 22, 2024**.

OGSR Faculty Fellows – March 2024-August 2025

We are pleased to welcome our two new OGSR Faculty Fellows. **Dr. Denise Garcia** will serve as the **Pre-Award Faculty Fellow**. Dr. Garcia will partner with Grants and Contracts Development to lead and develop the Grant Writing Bootcamp. **Dr. Jane Kim** will serve as the **Post-Award Faculty Fellow**. Dr. Kim will provide leadership in guiding a cohort of early-stage investigators in their new role as PI.

Join for a live-stream of the Grant Resource Center - Virtual Funding Summit April 9-10

Learn more from the following sponsors who will present at the Grant Resource Center Virtual Funding Summit. Participate in one or more of the sessions for the live-stream that will be arranged in ADM 6th Floor CRUE Conference room. See the full schedule [here](#). Note times are Eastern.

- National Science Foundation Update
- National Institutes of Health Update
- US Dept of Ed (TRIO SSS and GAANN)
- NASA Research Opportunities in Space and Earth Sciences (ROSES)
- Minerva Research Initiative
- National Endowment for the Arts (NEA) (special focus on the NEA's Design & Creative Placemaking)
- NEH (special focus on Education Programs)
- NSF Social Science Research Capacity Building for Minority-serving Institutions (MSIs)
- Spencer Foundation
- Mellon Foundation's Higher Learning Humanities Program
- What's New With Foundation for Food & Agriculture Research (FFAR)

Let us know which session/s you plan to attend [here](#). You may also elect to participate independently. The cost to register is \$200.

Student Applications for TEDxEscondido – Hidden No More. The California Center for the Arts, Escondido Foundation has been granted a license for TEDxEscondido. Scheduled for August 17, 2024, this event aims to showcase outstanding ideas from San Diego County students. A dedicated form has been created for [student submissions](#). Spread the word among your students!

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PROPOSALS

Congratulations to all who submitted proposals recently:

Drs. Reza Kamali, Stephen Tsui, Yongjie Zheng, and Ricardo Fierro | CSTEM/Electrical Engineering, Software Engineering, Physics | National Science Foundation | Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM) | *S-STEM: Fostering Tomorrow's STEM Workforce: A Comprehensive Approach with Scholarships, Advising, and Coaching.*

Drs. Robert Iafe, Afra Panahi, and Aswad Allen | CSTEM/Chemistry | National Science Foundation | Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM) | *S-STEM: Leveraging the Chemistry and Biochemistry Targeted Learning Community (CB-TLC).*

Drs. Jackie Trischman, Darcy Taniguchi, Hamed Nademi, and Michael Burin | CSTEM | University of California San Diego subaward, Office of Naval Research | *D-Enterprise: Diversifying and Engaging the Navy Through Technical Education and Recruitment Partnerships for Research Innovations in Science and Engineering.*

Dr. Ranjeeta Basu | CCP | Department of Education | Fulbright-Hays--Group Projects Abroad | *Grassroot Initiatives in India: Inspiring Students to Be Socially Just Change Makers.*

Dr. Badal Joshi | CSTEM/Mathematics | American Mathematical Society | AMS-Simons Research Enhancement Grants for Primarily Undergraduate Institution (PUI) Faculty.

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AWARDS

Congratulations to those who received awards recently:

Drs. Rong-Ji Chen, Anthony Matranga, Mallory Rice, Linda Holt, and Moses Ochanji | CRESE | National Science Foundation | Robert Noyce Teacher Scholarship Program | *Optimizing the STEM Teacher Recruitment, Development and Retention Pathway: Aligning STEM and Teaching Identities.*

Kseniya Gregory | Extended Learning/ALCI | Euroasia Foundation subaward, US Department of State | Youth Leadership Programs with Algeria, Iraq, the Philippines, and Russia | *2024 Russian Youth Environmental Program.*

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FEATURED FUNDING OPPORTUNITIES

Program: [SSRIC Faculty Seed Grant Program](#)

Sponsor: The California State University

Synopsis: SSRIC SEED GRANTS will fund activities that support the submission of larger external grant proposals, aligned with SSRIC's mission and vision in the social sciences. Applicants must be full-time tenured/tenure-track faculty appointed in a social science department (sociology, political science, anthropology, public health, economics, psychology, business, and others that are strictly social science by reasonable determination of SSRIC) AND the project proposed must be social science-related, subject to the sole and final determination of the SSRIC SEED GRANT award committee.

Deadline: April 8, 2024

Program: [Hispanic-Serving Institutions: Enriching Learning, Programs, and Student Experiences \(HSI:ELPSE\)](#)

Sponsor: National Science Foundation

Synopsis: HSI:ELPSE supports projects that enhance undergraduate STEM education at Hispanic-serving Institutions in all disciplines supported by NSF and improves access to computing and lab resources necessary to enhance undergraduate students' educational experiences.

This is a **limited submission call for the June deadline**, if you are interested in the Educational Instrumentation track, please send an email to grants@csusm.edu **before April 15**

Deadline: June 4, 2024

Program: [Building Research Capacity of New Faculty in Biology \(BRC-BIO\)](#)

Sponsor: National Science Foundation

Synopsis: Awards will provide the means for new faculty to initiate and build independent research programs by enhancing their research capacity. These projects might also include biology-focused research collaborations among faculty within the same institution, across peer-, or research-intensive institutions, or partnerships with industry or other non-academic partners that advance the candidate's research program.

Deadline window: May 1, 2024 – July 1, 2024

Program: [NIH Research Enhancement Award \(R15\)](#)

Sponsor: National Institutes of Health

Synopsis: Supports small-scale research projects at educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists but that have not been major recipients of NIH support. The goals of the R15 are to:

- support meritorious research,
- expose students to research, and
- strengthen the research environment of the institution.

Deadlines in 2024: June 25 and October 25

Program: [SuRE](#)

Sponsor: National Institutes of Health

Synopsis: SuRE is a research capacity building program designed to develop and sustain research excellence in U.S. higher education institutions that receive limited NIH research support and serve students from groups underrepresented in biomedical research [NOT-OD-20-031](#) with an emphasis on providing students with research opportunities and enriching the research environment at the applicant institutions.

1. [Support for Research Excellence \(SuRE\) Award](#) (R16 Clinical Trial Not Allowed)

Budget: Applications may request up to \$100,000 direct costs/year.

Synopsis: The purpose of SuRE awards is to provide research grant support for faculty investigators who have prior experience in leading externally funded, independent research but are not currently funded by any NIH Research Project Grants with the exception of SuRE or SuRE-First awards. SuRE-supported projects must have student participation in the execution, analysis, and reporting of the research. An applicant institution must demonstrate a commitment to build its research capacity and support the Principal Investigator for the award.

Deadlines in 2024: May 29 and September 27

2. [Support for Research Excellence – First Independent Research \(SuRE-First\) Award](#) (R16 - Clinical Trial Not Allowed)

Budget: Applications may request up to \$125,000 direct costs/year.

Synopsis: The purpose of SuRE-First awards is to support research grants for faculty investigators who have not had prior independent external research grants. SuRE-First-supported projects must have student participation in the execution, analysis, and reporting of the research. An applicant institution must demonstrate a commitment to build its research capacity and support the Program Director/Principal Investigator of the award.

Deadlines in 2024: May 29 and September 27

NEW! International Opps

Program: [Overseas Faculty Development Seminars](#)

Sponsor: Council of American Overseas Research

Synopsis: CAORC offers fully-funded overseas seminars that help faculty and administrators at US community colleges and minority-serving institutions gain international experience with the aim of developing and improving international courses, curricula, and teaching materials at their home institutions.

Deadline: July 19, 2024

[More FUNDING OPPS](#)

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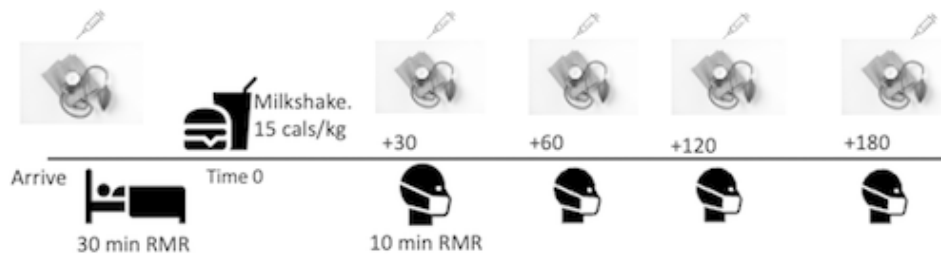
[CSUSM Highlight \(send submissions to \[grants@csusm.edu\]\(mailto:grants@csusm.edu\)\)](#)

Prior acute exercise restores postprandial fat oxidation in active cannabis users

Day 1: Intervention day



Day 2: Postprandial day



Congratulations to Dr. Matt Schubert on the publication stemming from his [CSUPERB](#)-funded project. Read the [full article](#).

Abstract

Data suggest cannabis users have similar or lower levels of blood lipids compared to nonusers. However, the extent to which cannabis users experience postprandial lipemia is not known. Eleven cannabis users and 11 nonusers completed either rest or 1 h of exercise at their ventilatory threshold the evening before a meal tolerance test (MTT). Substrate oxidation, blood pressure, and capillary blood were obtained before and every 30–60 min post-meal for 3 h. Linear mixed models were utilized to examine differences in variables between groups, conditions, across time, and their interactions. Exercise led to increased fat oxidation post-MTT ($p < 0.05$), with cannabis users exhibiting higher AUC compared to the control trial ($p < 0.05$). Exercise also caused significantly lower levels of triglycerides ($p < 0.05$). Metabolic flexibility was improved in cannabis users in the exercise trial only ($p < 0.05$). No effect of group, trial, or interactions were detected for other variables of interest (all $p > 0.05$). This study indicated that prior exercise improves lipid metabolism in cannabis users and nonusers after a high-fat meal test. Cannabis users appear sensitive to the effects of exercise. Future studies should incorporate additional meals and variables related to cardiovascular health and metabolism.

Matthew M. Schubert, Samantha Terauds, Maren Plant, Grace Handler, Colin Atkins, Casandra Mendez
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