MEMBERS OF THE ACADEMIC SENATE

RE: 2021-2022 Call for Grants to Promote New Research Initiatives and Collaborative Interdisciplinary Research (up to $25,000)

<u>DEADLINE</u>: **5:00 PM Wednesday, March 31, 2021**

REQUEST FOR APPLICATIONS: The Academic Senate Committee on Research (COR) is now accepting applications from members of the Academic Senate for New Research Initiatives and Collaborative Interdisciplinary Research grants. Applications must be submitted by **5:00 PM Wednesday, March 31, 2021** via the online application in the Academic Senate Information System (ASIS). The primary criteria for awarding research grants will be the *significance, novelty, and quality of the work as well as the impact on the investigator's progress and their field of study*. New, interdisciplinary, collaborative research initiatives are highly encouraged.

FUNDING: Large grants (up to $25,000) to be spent over 15 months, July 2021 - September 2022, will be considered. **Unexpended funds will *not* be carried forward after September 30, 2022.** The Academic Senate Committee on Research (COR) grants funds are in fund code 07427 (opportunity funds). All departments will be required to supply account numbers that will accept 07427 funding for grants awarded during the 2021-2022 academic year. This award cannot be used to develop or host workshops, conferences, or courses. Funding for faculty salaries are <u>not</u> allowed.

ELIGIBILITY: Members of the Academic Senate are eligible to apply. Please refer to Standing Order of the Regents 105.1 for information on Academic Senate membership. Grants will not be awarded to faculty who have not submitted grant usage reports for previously awarded Academic Senate grants.
Faculty may only serve as PI (Principal Investigator) on one application. Biographical details (biosketch or CV) must be included for all faculty involved in the proposal.

REVIEW: Members of the Committee on Research review large grant proposals. Reviewers on the committee are from a wide range of disciplines. ***Grant applications should be prepared for an educated, non-expert reviewer outside of the applicant's field of study. Potential impact of the project to the applicant's field of study should be clearly articulated in nontechnical terms.***

GRANT CATEGORIES: Three categories of grants can be applied for: a) projects involving a new research initiative for the faculty; b) interdisciplinary or collaborative projects; and c) requests to enhance ongoing high-impact projects with strong justification.

I.   **NEW RESEARCH INITIATIVES:** Seed grants to support new, highly innovative research initiatives. Proposals should have the potential to lead to new external grant applications or result in heightened visibility of UC Davis research programs.
II.   **INTERDISCIPLINARY RESEARCH GRANTS:** Proposals that advance interdisciplinary research by merging different academic disciplines are highly encouraged.
III. **ONGOING PROJECT FUNDING:** Strong justification for additional funding to enhance a specific ongoing project. Overlap with current or pending grants needs to be stated in the support document. Academic Senate grants are not intended to be bridge funds.

APPLICATION PROCEDURES: Applications must be submitted by <u>5:00 PM Wednesday, March 31, 2021</u>
Complete the following steps to apply online for New Research Initiatives and Collaborative Interdisciplinary Research (Large Grants) in the Academic Senate Information System (ASIS):
1.   Login to ASIS at https://asis.ucdavis.edu/grants/index.cfm with your Kerberos login and passphrase. Click on "Apply for Large Grant".
2.   The following information will be pre-populated on the application form: Submission year, Name, Title, and Department. Please check to make sure the information is correct.

3. Input your responses in the following fields: Co-Applicants (if applicable), Proposal Type, Proposal Title, Amount Requested (up to $25,000)
4. Complete the Summary section by providing a short abstract of your proposed research. (350 words maximum with Max length 5000 characters)
5. Upload the following documents as 4 separate PDF files. ***Use 11pt Arial with margins no smaller than 0.5" around.***

I. **Research Description** (3 page max, not including references): The project description should be *easily understood by faculty who are not in the investigator's field of research*. Include the following sections:
   a. Lay abstract (250 word max): Briefly describe in lay terms the significance, goals, expected outcome, and impact of the project on the investigator's field of study.
   b. Specific goals/aims: State the overall rationale, objective, hypotheses (if applicable) and approach. Indicate the expected time when these goals will be achieved.
   c. Significance: Articulate background rationale, justification, and potential merit of the proposed work. Specify how the project is innovative or novel.
   d. Approach: A description of the work to be carried out. Excellent proposals include documentation that the work is *feasible* in the time frame. While it is understood that some of this research will be high risk/reward pilot work, investigators should still clarify how the results that they obtain will further the overall research goals of the program.
   e. Impact on investigator's field of study: Describe the potential impact the project will have in the investigator's field of study.
   f. Impact on investigator's program: Describe how the funds may further the investigator's research program. For example, will data from this project be leveraged to apply for additional extramural funding? Funding need may be considered during committee review.
   g. If the proposed project is an interdisciplinary or multidisciplinary collaboration, define the role of each investigator and how they will contribute to the project.
   h. References / Literature Cited (1 page max)

II. **Budget and Justification** (1 page max): Budget template is provided at https://academicsenate.ucdavis.edu/grants-and-awards. Please refer to the Policy & Procedure Manual, (https://ucdavispolicy.ellucid.com/manuals/binder/11), regarding allowable expenses.
   a. Funding for faculty salaries is <u>not</u> allowed.
   b. All books, films, equipment, etc., purchased with grant funds are the property of the University.
   c. Budget justification should briefly address all items listed on the budget. Vague or missing justifications may lead to rejection or a reduction in budget.
   d. If funds for personnel are requested, be specific as to the person's role on the project. **Cost for hiring any personnel on the grant must include base pay, benefits, and tuition/fees where applicable.**
   e. Travel costs necessary to conduct research activities are allowable.
   f. If the budget includes funds to hire a consultant, include the hourly rate and justify the need.
   g. Supplies, including computer hardware and software, must be justified in terms of the proposed research specifically.

III. **Investigator(s) Biosketch/CV:** Required for each faculty member participating in the grant application (3 pages maximum for each). Include role on the project, degrees, positions held, and relevant publications.

IV. **Investigator Other Funding Support: List of grants and usage.**
   a. Include title, applicant's role, dates active, and dollar amount for all current, pending, and completed (in last 5 years) grants and funding. If none, state not applicable.
   b. Indicate which awards, if any, overlap with the funding requested in this proposal.

    c.   Include prior/current grants received from the Academic Senate Committee on Research (both small and large) and describe what research, funding, or creative outputs were gained as a result of the grant.

PROTOCOL APPROVALS: If your research requires IRB or IACUC approval, recombinant DNA use, or radioisotope use, please indicate so using the buttons on the application webpage. You will be asked if the protocol approval is pending and for the protocol/authorization number prior to award.

AWARD NOTIFICATION: Applicants will be notified electronically whether they have been awarded funds. Feedback on grant proposals will not be provided.

Please contact Debbie Stacionis, Academic Senate Analyst, with any questions at dstacionis@ucdavis.edu.

REFERENCE MATERIALS:

- NIH/NSF Modular Biosketch and Human/Animal Use guidelines:
  https://grants.nih.gov/grants/funding/phs398/phs398.html
- Human Subject: https://research.ucdavis.edu/wp-content/uploads/HRP-101-HUMAN-RESEARCH-PROTECTION-PROGRAM-PLAN.pdf
- Living Vertebrate Animals: https://ucdavispolicy.ellucid.com/documents/view/279/active/
- Recombinant DNA Use: https://safetyservices.ucdavis.edu/article/biological-use-authorization-bua
- Radioisotope Use: https://safetyservices.ucdavis.edu/article/safe-handling-radioisotopes
- UC Davis Academic Senate COR grant budget template: https://academicsenate.ucdavis.edu/grants-and-awards
- Policy and procedures manual on allowable expenses:
  https://ucdavispolicy.ellucid.com/manuals/binder/11
- New Research Initiatives and Collaborative Interdisciplinary Research (Large Grants) in the Academic Senate Information System (ASIS): https://asis.ucdavis.edu/grants/index.cfm
- Academic Senate Membership: Standing Order of the Regents 105.1