University of Wyoming Top-Tier Science Initiative
Faculty Innovation Seed Grant Program
Request for Research Proposals 2019-2020

Date: 12 December 2018
To: UW Research Faculty in Scientific Disciplines
From: Dr. Gregory K. Brown, UW Top-Tier Science Initiative

Subject: Request for Proposals and Guidelines for 2019-2020 Innovative Research Projects in Science Disciplines at UW

Funding for FY 2019-2020: Proposals for one-year or two-year projects are invited. We anticipate supporting up to 12 projects with award amounts to not exceed $45,000 per proposal per year. Funds budgeted for any given period must be spent by May 31st of that fiscal year. Pre-award spending in FY 2019 may be allowed but is not guaranteed.

Proposal Deadline: 5:00pm on Friday, February 1, 2019

Eligibility:
- The lead PI must be a tenure-stream or extended-term stream UW faculty member in a science, or quantitative-science discipline, with primary appointment in the College of Arts & Sciences, College of Health Sciences, College of Agriculture & Renewable Resources, School of Energy Resources, or Haub School of Environment & Natural Resources.
- Project Team Members can include faculty, post-docs, and graduate and undergraduate students from any UW department or college including Business, Education, Engineering & Applied Science, and Law.

Restrictions: One proposal per lead PI is allowed per annual competition.

For More Information: Please contact Dr. Greg Brown (gkbrown@uwyo.edu) for specific information or questions concerning this RFP. Information on the UW Top-Tier Science Initiative can be found at: *http://www.uwyo.edu/science-initiative/overview.html*

Overview

A fundamental goal of the UW Top-Tier Science Initiative is to elevate to national prominence the research productivity and impact in science disciplines at UW. A central feature of the UW Science Initiative is the Competitive Research Innovation Program (CRIP), which when fully implemented will provide substantial support for new scientific instrumentation, start-up funding for new faculty programs, and seed funds for research grants through the **Faculty Innovation Seed Grant Program**.

The goal of the seed grant program is to stimulate new, innovative, cutting-edge research projects in the sciences that have promise for successful, sustained and substantial external competitive funding. **As such, a major criterion for successful funding through the Faculty Innovation Seed Grant Program is a clearly articulated and convincing plan to pursue external funding.** This necessarily requires that successful proposals have high intellectual and scientific merit and address emerging areas and challenges in the sciences. Addressing these challenges usually requires an interdisciplinary approach. **The most competitive proposals will address the**

interdisciplinary nature of the research and will involve research teams of faculty from multiple departments, colleges, fields, or disciplines at UW.

Proposal Guidelines and How to Submit

A complete proposal will consist of:

1) The main body of the proposal will not exceed 6 pages inclusive of figures, illustrations and tables, but exclusive of literature cited. The proposal must be single-spaced, using not less than 11-point font, and will include the following sections:

   a) Project title, Lead PI with home department, and Abstract (not more than 0.5 pages)
   b) Description of Project Team and Roles (not more than 0.5 pages)
   c) Scientific Rationale and Hypotheses (not more than 2 pages)
   d) Approach and Expected Results (not more than 2 pages)
   e) Plan for Seeking External Funding using the data generated by the SI Faculty Innovation Seed Grant. This will include name of the funding agency/organization, and the anticipated submission dates (not more than 0.5 pages)
   f) Literature Cited (not included in the 6-page limit)

2) One-page budget and budget justification. Use the required budget form below, with budget justifications to follow.

Anticipated Expenses Budget Breakdown			
	Pre-Award Period (3/1/19 – 6/30/19)	FY20 Award Period (7/1/19 – 6/30/20)	FY21 Award Period (7/1/20 – 6/30/21)
Personnel			
Travel			
Materials, Supplies, and Services			
Capitalized Equipment			
Period Totals:			
Overall Proposal Total:			

Budget Justifications:

a) Budget any expenses that can reasonably be expended <u>before</u> May 31st, 2019 in the pre-award category. In the event that pre-award spending is not allowed, the pre-award budget will be added to the FY20 budget.

b) One-year proposals are not to exceed an overall cost of $45K. Two-year proposals are not to exceed an overall cost of $90K ($45K max per year).

c) Salary expenses must include employer-paid-benefits (41% - faculty; 51.4% - staff including post-docs, technicians, etc.; 3.9% - research aids, graduate students, other non-benefitted employees).

d) Note: Spending (excluding salary expenses) in the month of June will be extremely restricted due to fiscal year change-overs. Funds budgeted for a given period need to be spent by May 31st of that year. No rollover from one fiscal year to another will be allowed.

e) Questions about budgets can be directed to Tabatha Spencer (tspence5@uwyo.edu).

3) A 2-page CV for the PI and each team member identified in the proposal.

Proposal submission deadline

- Proposals must be emailed as a single PDF document to Tabatha Spencer (*tspence5@uwyo.edu*) by **no later than 5:00pm, Friday, February 1, 2019.**

Proposal Review

- Proposals will be reviewed by a panel of senior, research active UW faculty.

Award Administration – Key Dates

- Proposals are due by 5pm on Friday, February 1, 2019
- Awards will be announced by March 1, 2019.
- Grant duration:
  - Pre-award period (if needed): 3/1/19 – 6/30/19
  - FY20 Award Period: 7/1/19 – 6/30/20
  - FY21 Award Period: 7/1/20 – 6/30/21
  - Funds budgeted for a given period must be spent by May 31st of that fiscal year. No budget rollover will be allowed.

Reporting requirements for funded SI Faculty Innovation Seed Grant proposals

- An annual report will be required. Details will be included in award letters.