

Idaho INBRE Funding Opportunity Announcement (FOA): Developmental Research Project & Pilot Project



Application Posted:	September 18, 2023
Due Date:	February 9, 2024
Scientific Merit Review:	February 23, 2024
Advisory Council Review:	March 22, 2024
Earliest Start Date:	May 1, 2024

Funding Opportunity Description:

The purpose of the Idaho INBRE **Developmental Research Project (DRP) Program** is to stimulate research at Idaho educational institutions. The **DRPP** grants will create opportunities for scientists and institutions to contribute to the Nation's biomedical and behavioral research effort by supporting small-scale research projects proposed by faculty members of eligible institutions.

There are two competitive funding levels in the DRP Program:

1. **Developmental Research Project (RP):** Developmental Research Projects funded up to \$100,000 for one year. Research Project Leader (RPL) require 50% effort (6 months).
2. **Developmental Pilot Project (PP):** Pilot Projects funded up to \$50K for one year. Pilot Project Leaders (PPLs) require 25% effort (3 months)

Funding availability and anticipated number of awards: We anticipate funding at least seven awards. Awards are contingent upon successful renewal of the University of Idaho parent INBRE-5 grant, NIH funding appropriations, the submission of meritorious applications, and equitable geographic distribution across Idaho.

1. DEVELOPMENTAL RESEARCH PROJECT (DRP) REQUIREMENTS:

- a. **Eligible Individuals (Research Project Leaders, RPLs):** Any individual with the skills, knowledge, and resources necessary to carry out the proposed research as the Research Project Leader is invited to work with his/her organization to develop an application for support. Individuals from under- represented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply.
 - i. The RPL must be either tenure tract or research faculty at an eligible Idaho institution.
 - ii. The RPL may not be the Project Investigator (or equivalent) of any active NIH research grant *at the time of an award*. This includes CTR-IN or COBRE funding.
 - iii. If the RPL has a research appointment at an institution (50%), no salary support may be requested.
 - iv. If the RPL does not have a research appointment, 25% - 50% salary may be requested (dependent on the project).
 - v. The RPL may not submit or be awarded more than one INBRE DRP or PP at a time.
- b. The DRP Research Plan must include Specific Aims (**one page limit**) and a Research Strategy (**six-page limit**) organized into Significance, Innovation, Approach, and Impact. The page format is 11 pt Arial Font with 1-inch margins. The proposal should state how the project will address human health and include plans to provide intensive competitive research experiences for students. The identification of a Scientific Mentor is recommended, but not required, for new or early-stage investigators. The Scientific Mentor must be an established scientist with an active research program that includes a laboratory group, an established publication record, and funding support. A brief description of how the Scientific Mentor will enhance the career development of the RPL will strengthen the proposal. Preliminary Data are not required. Cited references are NOT part of the six-page limit.

- c. Appendix must include:
 - i. Letter of agreement to participate from the identified Scientific Mentor (if included)
 - ii. *If applicable*: Assurance approvals for IRB, IACUC, Biosafety.
- d. NIH Biosketch for the RPL with undergraduate authors on publications highlighted (be sure the form is updated) is required.
 - i. *NIH Biosketch for the Scientific Mentor (if included in the application).*
- e. Detailed budget for Initial Budget Period and detailed justification (from \$75,000 - \$100,000 based on RPL's research appointment) for year one to include:
 - i. 50% effort for the RPL (funds to cover 50% effort or in-kind support)
 - ii. At least one undergraduate student
 - iii. Operating expenses
 - iv. Travel (domestic only)
 - v. Equipment
 - vi. Appropriate F&A
- f. Signed letter from Authorized Organization Official (Office of Sponsored Programs or equivalent) that states the proposal/budget is approved by the institution.
- g. A two-year project period should be planned. Year 2 funding will depend upon successful completion of the INBRE milestones in the table below. The DRP funding will be for one year but additional funding for subsequent years will be considered based on RPL performance and milestone completion (below).

Developmental Research Project Milestone Productivity Expectations	RPL ≥50% effort ≤\$100,000/year
Meetings with Scientific Mentor (if applicable)	Monthly
Monthly Networking Meetings	Required
Include ≥1 undergraduate on project	yes
Make progress on project Specific Aims	yes
Present at a national/international scientific meeting	Annually
Attend Manuscript and Grant writing workshop	Encouraged
Have review of research-based paper	Year 1
Submit and publish manuscript in a peer-reviewed journal	Yearly
Have pre-review of NIH R-type grant proposal	Year 2
Submit NIH R-type proposal	Year 2
Revise and resubmit to NIH and re-package proposal for other funding sources	Year 2
Graduate from program	After 2 years or other funding award, whichever is first
Submit non-competing renewal for ExC/EAC review	Year 1

Pilot Project information continued on next page.

2. PILOT PROJECT REQUIREMENTS:

- a. **Eligible Individuals (Pilot Project Leaders, PPLs):** Any individual with the skills, knowledge, and resources necessary to carry out the proposed research as the Project Leader is invited to work with his/her organization to develop an application for support. Individuals from under- represented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply.
 - i. The PPL must be either tenure tract or research faculty at an eligible Idaho institution.
 - ii. The PPL may not be the Project Investigator (or equivalent) of any active NIH research grant *at the time of an award*. This includes CTR-IN or COBRE funding.
 - iii. If the PPL has a research appointment at an institution (50%), no salary support may be requested.
 - iv. If the PPL does not have a research appointment, 25% salary may be requested.
 - v. The PPL may not submit or be awarded more than one INBRE DRP or PP at a time.

- b. The PP proposal requires a **two-page** summary of project (use 11 point Arial font; 1" margins). State concisely the goals of the proposed research and summarize the expected outcome(s), including the impact that the results of the proposed research will exert on the research field(s) involved. Preliminary data is NOT required for an application. References Cited (no page limit). Provide full appropriate citations used in the project summary NIH Biosketch for the PPL with undergraduate authors on publications highlighted.
 - i. *Biosketch for the Scientific Mentor if included in the application.*

- c. Appendix must include:
 - i. Letter of agreement to participate from the Scientific Mentor (if included).
 - ii. Letter of agreement, signed by the PPL's institution administration agreeing to the 25% effort required.

- d. Detailed budget for Initial Budget Period and detailed budget justification (maximum of \$50,000 in direct costs) for year one to include:
 - i. 25% effort for the PPL (may be in-kind)
 - ii. At least one undergraduate
 - iii. Operating expenses
 - iv. Travel (domestic only)
 - v. Equipment
 - vi. Required F&A costs

- e. Signed letter from Authorized Organization Official (Office of Sponsored Programs or equivalent) that states the proposal/budget is approved.

- f. A two-year project period should be planned. Year 2 funding will depend upon successful completion of the INBRE milestones in the table below. The Pilot funding will be for one year but additional funding for subsequent years will be considered based on PPL performance and milestone completion (below).

Milestone Productivity Expectations	PPL ≥25% effort ≤\$50,000/year
Meetings with Scientific Mentor	Monthly
Monthly Networking Meetings	Required
Include ≥1 undergraduate on project	yes
Make progress on project Specific Aims	yes
Present at a national/international scientific meeting	Year 1
Attend Manuscript and Grant writing workshop	Encouraged
Have review of research-based paper	Year 1

Submit and publish manuscript in a peer-reviewed journal	Year 1
Have pre-review of NIH R-type grant proposal	Year 1
Submit NIH R-type proposal	Year 1
Revise and resubmit to NIH and re-package proposal for other funding sources	Year 1
Graduate from program	After 1 year apply for a DRP/acquire other funding
Submit non-competing renewal for ExC/EAC review	NA

Eligibility Information for the DRP and Pilot Application:

1. **Eligible Organizations:** Idaho science baccalaureate and Ph.D. degree-granting INBRE-5 Research Partner institutions identified in the INBRE-5 grant proposal are eligible and include: University of Idaho, Lewis-Clark State College, The College of Idaho, Northwest Nazarene University, Boise State University, Idaho State University, and Brigham Young University-Idaho. Eligible non-profit research foundations include the Idaho Veterans Research & Education Foundation.
2. **Restrictions:**
 - Only one application may be submitted per application cycle. Investigators *may not* submit to both the Developmental Research Project call and the Pilot Project call in the same cycle.
 - No clinical trials research.

Application and Submission Information:

1. **Questions on applications:** Contact the INBRE Statewide Program Manager & Fiscal Director, Whitney Myers, at whitneym@uidaho.edu with questions.

2. Application Links Open 9/22/2023:

- **Developmental Research Project FOA Link:**
 - <https://idahoinbre.embark.com/apply/funding24>
- **Pilot Project FOA Link**
 - <https://idahoinbre.embark.com/apply/fundingpilots24>