THE OHIO STATE UNIVERSITY

President’s Research Excellence program: Accelerator Grants

The Ohio State University aims to grow its research and innovation enterprise and increase its research eminence among the nation’s and the world’s research universities by attracting more externally sponsored research funding, enabling curiosity-driven research and discoveries, and addressing large, complex societal challenges.

Towards these goals, the President’s Research Excellence (PRE) program will provide seed support for cross- and interdisciplinary research that will attract external funding. Specifically, the PRE program will support (1) small teams formed to pursue curiosity-driven, novel, high-risk and high-reward research; and/or (2) large cross- and interdisciplinary teams to pursue large-scale, high-impact research that addresses emerging or existing challenges of national and international societal importance, generates long-term, sustained, and significant impact, and positions Ohio State as THE leader in this area.

Proposals must make a compelling case for the nature and scope of anticipated scientific, technological or societal impacts that will result from the proposed research. Applicants should also provide plausible and measurable impacts consistent with program goals to increase research expenditures and enhance Ohio State’s leadership position. Projects will be expected to result in a proposal submitted for external funding by the end of the grant period. Failure to do so will disqualify the PI and co-PIs from submitting PRE requests for two years. Faculty investigators may only be involved in a single funded project at any given time and are limited to submitting one proposal per funding cycle.

Program

The PRE program will be supported, on average, with $2 million per year for 10 years. A call for proposals will be issued annually with at least one funding cycle offered in each of two categories: Accelerator Grants, and Catalyst Grants. Specific details and priorities are subject to adjustment from year to year.

Note: The level of expected research eminence is the same for both grant categories; the difference is the breadth and scope of the proposed projects.

Accelerator Grants

Accelerator Grants will seed cross- and interdisciplinary faculty teams to pursue curiosity-driven, high-risk, and high-reward research that will create new knowledge and/or solve real-world problems. Proposing teams must include a minimum of three (3) Ohio State faculty representing at least two (2) colleges. Applications from all areas of inquiry are welcome, with particular encouragement for the following:

• Teams seeking to develop demonstration data and/or preliminary results required for submission of a compelling proposal to an external sponsor.
• Existing teams of faculty who have been collaborating on research projects but need additional funds to accelerate their progress towards external proposal submission or need seed funding to address review comments for competitive resubmission to external sponsors.
• Teams proposing discoveries leading to high-impact patents with clear potential to be licensed and disseminated for commercialization, benefiting a larger public.
Budget:
Accelerator Grants will provide up to $50,000 for a 12–month performance period. The number of projects supported each year will vary based on requested proposal budgets. Proposals will be accepted at least once per year, and awards will be made until the annual funding increment is depleted.

Allowable spending:
Accelerator Grants may fund the following:
• Out-of-pocket research expenses, support for students (stipends and tuition/fees);
• Salary and benefits for staff scientist(s) and/or post doc(s); and
• Expenses associated with project specific travel to meet with external collaborators or host collaborator meetings on campus.

Funds cannot be used to support or supplement faculty salaries or for travel to conventional academic meetings or conferences. External collaborators are welcome, but may not be supported by PRE funding.

Requirements:
Proposing teams must submit a 2-page narrative that includes the following:
• A descriptive project title;
• A non-technical narrative describing the challenge to be addressed and the high-risk/high-reward research concepts being proposed, including a timeline of proposed activities for which the team is seeking grant funds;
• An explanation of the significance and expected impact of the work on science and/or society, along with the anticipated contribution to Ohio State’s goals related to research eminence and external funding;
• A list of core proposing team members with departmental affiliations and a brief statement of their role(s) on the proposed project;
• The name of the external sponsoring agency and specific program to which a proposal will be submitted by the end of the grant period; and
• A brief narrative describing the anticipated allocation of requested seed funding. For example, “Project expects to utilize seed funding to support 50% stipends for 2 graduate students (total $$), 25% compensation for a research scientist AA (total $$), support travel of the PI to meet with industry partner ZZ (total $$).” Do not include a budget table or form.

A final report of activities and budget expenditures, along with a copy of the proposal submitted for external funding will also be required at the conclusion of the funding period.

No-cost extensions will not be permitted.

Review and Selection:
Accelerator proposals will be reviewed by a faculty panel. The Associate Deans for Research from each college will be asked to recommend 1-3 faculty experts to serve on this panel. The number of panel members from each college will depend on its faculty size. Panelists will be appointed to two-year staggered terms (inaugural panel members will be asked to serve for 1 or 2 years with reappointment possible). Panel members will not be eligible to apply for PRE funding during their term of service. The faculty panel will make recommendations for awards to the Program Executive Lead who will make final selections in consultation with an Advisory Team designated by the head of the Research, Innovation and Knowledge Enterprise and the Office of Research.

PRE Evaluation Criteria
• Degree to which the proposed project is discovery driven, and offers A) novel, high-impact and high-reward research concepts to a well-defined challenge of regional or national significance (Accelerator Grant) or B) transformative and high-impact research concepts for larger-scale, significant societal challenges (Catalyst Grant).
• Degree to which the proposed project will increase Ohio State’s research eminence and prestige and result in external funding.
• Degree to which the project includes strong rationale for the proposed activities and offers compelling near-term proposal submission, long-term impacts on science and/or society, and clear return on university-invested dollars consistent with program goals.
• Degree to which planned activities will plausibly achieve the desired outcome(s) in the designated performance time (i.e., 12 months for an accelerator grant and 18-24 months for a catalyst grant).
• Degree to which there is demonstrated knowledge and expertise of the team members to effectively execute the project. It is expected that all partners are substantively involved in the design and implementation of the proposed work.
• Degree to which Ohio State’s unique strengths and expertise are leveraged to position the university for regional, national and international leadership in the project area.
• Degree to which the plan for the external submission is clear, technically sound and attainable within or at the conclusion of the performance period.

For More Information Contact
Please direct questions to PRE@OSU.EDU

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