Background

This award was established with a generous estate gift from Carl A. and Grace A. Bailey. Mr. Bailey was an ISU alum of our electrical engineering program and a long-time employee of General Electric before retiring to Arizona. The overall goal of this program is to foster research that is innovative (outside of an established research program) and not only increases knowledge but also has practical applications. It is expected that the Bailey Award will allow faculty to devote time toward high-risk, high-impact research addressing emerging scientific, technical, and/or societal problems resulting in practical applications and, in appropriate disciplines, extramural funding. One or two awards of $50,000 per year for two or three years will be made competitively in fall 2019. The award number may vary in subsequent years.

Eligibility

Any full-time tenured associate professors and professors may apply for this award. Each award will be given to an individual, but he/she can have collaborators on the project. The award may be used for faculty salary support, staff salary support, graduate student and postdoc support, equipment, hourly labor, and supplies.

Applications

Applications (completed in 11-point font size) should include the following:

1. **Cover page** with the name of this program, the title of the proposed project, the total amount of funding sought and the date application is submitted to the respective college.
2. **Summary**. Provide a 200- to 300-word summary of the project (ON SEPARATE PAGE) in language that scientists in other disciplines can understand. Include statement of problem, significance, research plan, and outcome.
3. **Research plan** (four pages maximum, excluding references) outlining the problem to be addressed, project objectives, research design and plan of work, and timetable.
4. **Project justification** (one-page maximum) with the following components:
   a. **Innovation:** Explain the ways in which the research is innovative (outside of your established research program) and involves risk.
   b. **Practical applications:** What practical applications are expected to result and why are these likely to have a high impact?
   c. **Funding plan/career development:** Explain how the project fits with the priorities of funding agencies and give a plan for obtaining future funding. Also address how this award will benefit personal career development.
5. **Budget and budget justification**. A detailed budget on how funds will be expended (Template provided at link below). Involvement of graduate students in the proposed study is encouraged. Funds ($50,000 per year for up to three years) will be provided and may be utilized for faculty salary, staff salary, graduate student and postdoc support, supplies, hourly labor, and equipment. **Budget Template here.**
6. **Citations**. All relevant publications cited in the research plan and justification statements should be included (no page limit).
7. **Biographical Sketch**. Please include a curriculum vitae, no longer than 5 pages.

8. **Previous, current, and pending grant support**. List all grants and contracts by project title, PI, and/or co-PI, source, and amount requested/awarded, and the time period of the award.

Review Criteria

The goal of these grants is to support innovative high-risk and high-reward projects with practical applications that are outside of the PI's established research program.

- Is it a well thought-out research project that clearly identifies how the work will advance the field?
- Is the work "high-risk, high-impact research"?
- Are clear goals, activities, and any anticipated barriers identified in the high-risk research?
- Will the research and knowledge generated lead to practical applications of potential significance?
- Does the PI/team have the qualifications and resources to complete the work?
- Will the project enable the PI to move into new research directions, benefit his/her career paths and potentially lead to additional external research funding?

Reporting Requirements

An annual report is due to the Office of the Vice President for Research (VPR) 30 days before the next funding period starts and a final report is due within 60 days of the end of the approved award period. Reports should outline progress toward stated goals and list products generated from the project. Final report should describe research outcomes and future plans. A reporting template will be provided to award recipients**.**

Reports should be submitted as a single PDF with the PI name in the title via email to vprfunding@iastate.edu.

Application Process

Applications should be submitted electronically to the respective associate research dean in the PI's college. The deadline for applications is **October 5, 2018.**

Each college will be asked to forward no more than one application to the Bailey Award Committee by **November 1.** This committee, which is made up of faculty members and administrators, will make the final recommendation to the VPR.

Announcement of award will be made on or around **January 15.** Funding will start **February 1.**

If you have any questions about this program, please contact vprfunding@iastate.edu, or Surya Mallapragada, Office of the Vice President for Research, suryakm@iastate.edu.