

Guidelines for the Evaluation of Applied Research Grant (ARG) and Applied Research-WiTAG (AR-WiTAG) Proposals

Science and Technology Grants

2019-20 Funding Cycle

The goals of the Applied Research Grant (ARG) and Applied Research-WiSys Technology Advancement Grant (AR-WiTAG) programs are to develop advanced human potential and the knowledge economy that employs that potential. In particular, the programs help to promote technology transfer and encourage faculty and academic staff to apply their expertise and scholarship to the economic development of Wisconsin. Applied research activities are expected to improve the connection between knowledge and practice while promoting positive change in the state's economy.

Primary Evaluation Criteria Checklist

Science and Technology proposals for ARG and AR-WiTAG funding will be read and evaluated against the following criteria. The overall rating will reflect the evaluator's assessment of how well the project addresses each of these areas.

1. The project fits the core purpose of the grant program: to apply research and scholarship to the economic development of the state. The economic benefit must be tangible and measurable. For projects with long-term economic benefit, applicants should clearly articulate the project's long-term potential and provide an outline for a strategy to realize it.
2. The project has potential for significant economic impact within Wisconsin as well as potential for national and global impact in one or more of these areas:
 - Fostering business expansion and/or improving profitability;
 - Helping to create jobs and/or enhance the workforce;
 - Reducing costs and/or increasing efficiency and productivity and/or improving sustainability;
 - Improving the quality of products, services, or the working environment;
 - Commercial adoption of a new technology, process, knowledge, or concept;
 - Creating positive change in Wisconsin's cultural/natural environment;
 - Promoting the competitiveness of business; and
 - Demonstrable collaboration with industry.
3. The proposed project demonstrates creativity and/or innovation, can be clearly differentiated from existing approaches/solutions and, in the case of science and technology applications, appropriately addresses the potential for intellectual property (IP), technology transfer, and commercialization.
 - The project idea/approach is new and compelling and is significantly different than that which has been taken by others;

- Proper procedures in place for protection of IP; and
- Industrial or other partnership agreements protect UW System interests and have long-term benefit.**

** Please detail any agreements (CDAs, MTAs, MOUs, sponsored research agreements, etc.) that have been, or will be, executed that relate to this project.

4. The principal investigator (PI) employs a robust, appropriate research design with both achievable and measurable milestones. The project offers opportunity for student involvement.
5. There is a high likelihood of successful project completion within the fourteen (14) month grant period.
 - The project is technically feasible and has realistic objectives;
 - The project is likely to yield meaningful outcomes within the grant period;
 - The project has the active support of private sector or other partners;
 - The project is sustainable or has the potential to leverage future extramural funding for further development;
 - The project has potential to generate intellectual property (IP) and economic impact; and
 - The project addresses a commercially attractive market.
6. The budget is cost-effective and appropriate to the scope of the project.
(The budget limit for ARG and AR-WiTAG fourteen (14) month awards is \$50,000. For collaborative proposals from multiple institutions, exceptions to the budget limit will be reviewed on a case by case basis.
7. The project includes well-developed milestones and metrics for evaluating its impact at the end of the grant period.