OFFICE OF THE VICE PROVOST FOR RESEARCH
IU BLOOMINGTON

Program for
Faculty Assistance in Data Science
(FADS)

Application Deadline:

4/12/21

Guidelines
Application Instructions

Questions regarding the FADS program should be directed to:

FADS Administrator:	Brea Perry	blperry@indiana.edu	
FADS Program Manager:	Fraya Fox	ovprgrnt@indiana.edu	855-8913
FADS Finance Manager:	Kristi Jones	ovprfin@indiana.edu	855-3995

SYNOPSIS

The Program for Faculty Assistance in Data Science (FADS) is designed to provide access to expertise and assistance in advanced data analytics, visualization, and development for the purpose of catalyzing faculty research. This program pairs faculty from across the campus in any discipline with graduate students pursuing a M.S. in Data Science (MSDS) through the Luddy School of Informatics for summer or semester research internships. These paid internships cover up to 100 hours of student effort on a faculty research project, and are sponsored by OVPR and the University Graduate School. Internships will be awarded to students on a competitive basis, and carefully matched to faculty projects using demonstrated competencies and interest in a given analytic area. Preference will be given to projects that provide valuable learning experiences for the MSDS students, those which enable promising new or expanded research directions for the investigator, and those which are unlikely to be successful without this program.

Data science assistance is available in data visualization, database development and management, machine learning, natural language processing, network analysis, cloud and high-performance computing, data mining, and web and app development. A full list of available student competencies is accessible at https://ssrc.indiana.edu/about/consultants/data-science/index.html.

GUIDELINES

ELIGIBILITY + USAGE

Any faculty member in a tenure track or research scientist position at Indiana University Bloomington may apply. Previous recipients may reapply after 3 years with a new project. Applications for the FADS program submitted in spring 2021 will fund internships in the summer or fall of the same year. Faculty-student matches will be made by May 1.

The 100 hours of student effort may be distributed in any manner agreed upon by the faculty member and student (e.g., 10 hrs/week for 10 weeks, 20 hrs/week for 5 weeks) up to 20 hours/week. Internships will start no sooner than May 15, 2021, and must finish by December 15, 2021.

Eligible as PIs
- All tenured and tenure-eligible faculty members at IU Bloomington
- Research scientists and other non-tenure track faculty whose evaluation criteria are based on research activity
- Emeritus faculty

Not Eligible as PIs
- Visiting and adjunct faculty members
- Postdoctoral fellows and research associates
- Graduate students

PROPOSAL PREPARATION AND SUBMISSION INSTRUCTIONS

ONLINE APPLICATION

https://iu.infoready4.com/#homePage

APPLICATION REQUIREMENTS

Applicants must complete an electronic application and upload a completed application form. Please note page limitations.

APPLICATION COMPONENTS (PDFs are preferred)

Details on the components of the electronic application are provided below. The PI must log in to complete and submit the application at https://iu.infoready4.com/#homePage.

- Summary of project (500 word maximum)
- Rationale for assistance in data analytics and visualization (200 word maximum)
- Statement of benefit to the student (200 word maximum)
- Statement of information about other sources of funding
- Curriculum vitae (5 page maximum)

POST-AWARD REQUIREMENTS

OVPR requires that all recipients send a brief description of the research activities accomplished as a result of the award by the end of the semester following the award period. All recipients are kindly requested to acknowledge the support of the Office of the Vice Provost for Research in any flyers, posters, publications, or publicity.