CALL FOR PROPOSALS

SEED FUNDING FOR COLLABORATIVE RESEARCH IN DATA SCIENCE

COLLEGE OF SCIENCES, OLD DOMINION UNIVERSITY

Faculty members in the College of Sciences are invited to submit proposals for seed funding for a collaborative research project in Data Science. The goal of this fund is to encourage collaborative interactions among faculty across departments in the College of Sciences towards the application of data science and analytics to research problems. Successful proposals should (1) address an important research problem using methodology from data science and (2) consist of a collaboration between two faculty members, one specializing in data science and one from a different department in an application area of data science. In 2022, $12,000 will be available. Proposals may request either the entire fund or request a smaller amount. There is a possibility of making two awards depending on the amounts requested. Funds will be available by May 1, 2022 and must be spent by June 30, 2023.

Application Requirements

Please submit a single PDF that includes the following:

1. **Project description**: Describe the research project with a focus on its originality towards a scientific problem where data science approaches are needed (3 pages maximum, excluding references, Arial font no smaller than 11 pt.). Include a project title, a short abstract **intended for a lay audience**, the research concept and justification that will benefit from a data science perspective, methodology or approach, and plan for future funding, publication, etc. Note: your proposal will be read by non-experts and should be written broadly so that it receives an appropriate review.
2. **Budget**: Allowable expenditures include supplies, equipment, student and postdoctoral fellow stipends, travel to a conference and other research-related expenses. Faculty summer salary is permissible if well justified. Provide a line-item budget and justification indicating how the requested funds will be used (2 pages maximum). Budget revisions may be requested by the Dean's Office.
3. **Brief CV**: Include a brief CV for each PI focusing on experience and recent publications relevant to the proposed project; report all current and pending grant support (2 page maximum per PI).
4. **Deadline**: Please submit application packages to Rodger Harvey (rharvey@odu.edu) no later than 5:00 p.m. on Monday February 28, 2022.

Evaluation Criteria

Proposals will be evaluated by the College of Sciences Research Council based on the following criteria:

- Originality and innovation
- Scholarly merit
- Plan for increasing collaboration among faculty in different departments and expansion of research using data science techniques
- Likelihood of attracting future federal funding and increasing research productivity
- Preference will be given to collaborations within the College of Sciences.

Post-Award Requirements

- Within four months of completion of the support period, recipients must submit a final report to the Dean of the College of Sciences.
- For proposals requesting support for proposal development, recipients must submit a federal grant application that includes work accomplished using these funds within two years of receiving the award. The Dean should be notified upon submission.