

**2022 - 2023 College of Science**  
***Academy of Data Science Discovery Fund***

**Purpose:** The Academy of Data Science Discovery Fund (ADSDF) is established to support proposals for external interdisciplinary research funding that include significant applications of data science methods and advanced computing to large, complex datasets that arise in scientific research, and to promote the research and development of data science methods in support of science research.

**Fund:** The ADSDF is open to all COS faculty members (including collegiate and research faculty). An ADSDF award is for a period of one year, with maximum amounts of \$10,000 for an individual investigator and \$20,000 for multiple investigators. While not required, cost-matching by departments and/or other sources is encouraged. Examples of appropriate requests include equipment, materials and supplies, GRA support for a summer or semester, key software, and travel critical to research activities (including bringing collaborators or potential collaborators to Blacksburg.) Faculty summer salary and conference travel are not generally appropriate. While collaborations with other colleges are encouraged, the ADSDF is also not intended to directly fund personnel or equipment purchases for other colleges.

**Schedule:** Proposals are due **15 June, 2022** and awards will be announced by 15 July, 2022. Funds should be expended by 30 August, 2023.

**Proposal Format:** Proposals should be in 12 pt font with a minimum of single line-spacing and should be a maximum of five pages (excluding cover sheet, references, and CVs) consisting of the following sections.

1. Cover Sheet (attached)
2. Introduction - Overview of research area and what makes the planned work unique and important. (1-2 pages)
3. Request, Budget, and Impact: How the funds will be spent and specific impacts it will have and/or expected research outcomes. Include itemized budget and, if appropriate, cost-matching. Indirect costs should not be included, but fringe benefits on personnel should. (1-2 pages)
4. Scholarly Output and Planned Proposals: Expectations of scholarly output (publications, presentations, etc.), plans for proposal submissions enabled by the ADSDF, and other longer-term impacts on research programs. (1-2 pages)
5. References
6. CVs of PI(s): 2 pages each, NSF style.

**Proposal Review:** Proposals for 2022 – 2023 will be reviewed by a committee of five faculty members including the Associate Dean for Research and four COS faculty members including one faculty member each from Statistics and Mathematics.

**Reporting Requirements:** 1) 1 September, 2023 - a 3-4 page overview of research results, scholarly output, and relevant proposals submitted. 2) 1 September, 2024 - a 1-2 page update focused primarily on scholarly output and proposals submitted/funded.

**Submit proposals to Allison Craft as a pdf by e-mail (crafta@vt.edu) by 5 pm, 15 June, 2022.**

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**Cover Sheet**

**Title:**

**PI (Department):**

**PI Signature:** \_\_\_\_\_

**Co-PI(s) (Departments):**

**Amount Requested from ADSDF:**

**Total Project Cost:**

**Cost-Sharing (Amount, Unit, Signature):**

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