CDAC W19 Application Questions

Investigator Information
- First Name
- Last Name
- Email
- Department
- Division
- Title (e.g. Professor)

<Ability to add up to 3 additional PIs>
- UChicago PI BioSketch (s)
- How did you hear about the CDAC Data Science Discovery grants?
- Is this a new collaboration?
- Is this a new project without existing funding?
- Please select the award category your proposal targets

Proposal Title

Abstract
- Please submit a 200-word non-technical summary describing: your research question, why it is important, what you will do, and why a CDAC Data Science Discovery grant provides unique value to your project.
- This may be posted online for public view and should be understandable to the non-specialist.

Collaborative Research Project Application:
Please submit up to a two-page document (standard font, spacing) detailing your research plan. The page limit does not include references; documents exceeding the page limit will not be considered.
- **Describe the problem you are solving and why it is important.**
  - State your idea, explain what is novel about your approach, and the potential for long-term impact in this application area. Does this project represent a new direction for your lab or research?
- **What will you do?**
  - Detail the major activities of the project over the grant period, including methods, plans for analyses, meetings, etc. Please also state how this grant will help leverage your existing resources.
- **How can it fail?**
  - What are the sources of risk (intellectual, technical, etc.) for this project?
- **What will you produce?**
State concrete short-term research outputs for this project (e.g., datasets, tools, publications, new technology or software, reports, meetings, etc.)

**How will this grant help you do what you want in the future?**
- Briefly outline your 2-3 year plan for research activities and securing external funding.
- Explain how receiving this grant will be crucial for accomplishing your long-term goals.
- Please comment on other resources/collaborators/initiatives at the University to which this project may be relevant.

**Exploratory Convenings Proposal:**
Please submit up to a two-page document (standard font, spacing) detailing your convening plan. The page limit does not include references; documents exceeding the page limit will not be considered.

- **Describe the need for exploratory the convening and why it is important.**
  - State your idea, theme, and format for the convening(s). Describe how the meeting(s) will contribute and catalyze data-driven or computing activities.

- **What will you do?**
  - Detail the major activities over the grant period, including how the convenings will be organized and conducted. Names of the chairperson, organizing committee members and their affiliations, plans for invited speakers and their affiliations. Probable dates and meeting locations, targeted audience, and size of convening(s). Please also state how this grant will help leverage your existing resources, such as NSF workshop funding.

- **What will you produce?**
  - State concrete short-term outputs for this project (e.g., papers, reports, competitive analyses, white papers, pre-proposal for future grant proposals, etc.)

- **How will this convening help you do what you want in the future?**
  - Explain how receiving this grant will be crucial for accomplishing your long-term goals.
  - Please comment on other resources/collaborators/initiatives at the University to which this project may be relevant.

**Budget:**
- Please use this template to complete your 12-month budget and upload.
- Budget may not exceed $100K for collaborative research proposals
- Budget may not exceed $15K for exploratory convenings
- Please note CDAC Data Science Discovery funding cannot be used to cover indirect costs.
Co-working Space:
For research proposals, if you are requesting co-working space, please describe who will use
the space (student, faculty member, etc.) and indicate how many desks you are requesting.

Student Researchers:
CDAC may provide support to match or recruit students for faculty research projects.
Are you requesting support to partially or fully fund a student researcher?

<If Yes> Do you need help identifying a student researcher for this project?
<If Yes> Describe what the student researcher will do as part of this project, key skills required,
and time period for this opportunity.

Budget Justification:
● Please provide a brief justification for each line in the proposal budget.

Optional Supplementary Materials:
● Applicants may upload supplementary materials, such as references, diagrams, images.
● The supplementary materials should not be used to circumvent the page limitations.