

Wyoming Innovation Partnership
UW Data Hub
Phase Two Demonstration Projects Grant Program
Request for Proposals

Announced September 8, 2023 – Proposals Due October 8, 2023

The UW Data Hub, a component of the Wyoming Innovation Partnership (WIP), seeks proposals to support innovative data-sharing and data-integration projects at the University of Wyoming.

With this call, the grant program will provide funds to UW units or individuals to either ***enhance or expand established data sharing deployment activities or develop new data-sharing or data-integration capacity***, with the goal of demonstrating the value of an integrated, cross-disciplinary research information infrastructure supporting the WIP's broad programmatic goals.

The maximum amount for a single award is \$30,000. The program looks to support four to six quality proposals based on funding availability. Award funding will be available from November 1, 2023, to June 30, 2024. Awards cannot be extended.

Successful proposals will:

- Demonstrate the potential value of a research data clearinghouse and inform its overall design and implementation at UW and ultimately with Wyoming community colleges.
 - E.g., a project centered on research and development of a new display and query visualization interface for an existing database, resulting in new ways of communicating patterns and trends for scientists and decision-makers.
 - E.g., a project that results in novel application outcomes from data generated or curated by one unit being used by a different unit, demonstrating data sharing that would not typically occur without this funding.
 - E.g., a project centered on solutions for management and curation of large data streams originating from new instrumentation.
 - E.g., a project focused on novel edge computing applications integrating data inputs from multiple sensors associated with a single edge node.
- Contribute to the strategic aims of the Wyoming Innovation Partnership.
 - Collaborations with our community colleges, state agencies, industry, museums, schools, etc., are encouraged.
- Create opportunities for student research experience.
- Result in completed, tangible outcomes by the end of the award period.

Eligibility:

- Grants are available for teams that include one or more of the following: UW faculty (both tenure/tenure stream and non-tenure stream eligible), students, and staff. Teams may also include off-campus collaborators, but the grant program does not provide for sub-awards.
- Undergraduate or graduate student applicants must be enrolled and in good standing at the University of Wyoming when the award is made.
- Applications led by students must identify a UW faculty sponsor/advisor who has active status and is readily available to guide the student.

Award Details:

- Grants are for ~8 months, beginning on or about November 1, 2023, and ending on June 30, 2024. The maximum amount for a single award is \$30,000. Awards cannot be extended.
- It is expected that the budget will cover personnel costs (spring 2024 semester assistantships, including tuition and fees are eligible) to work on the proposed project. If other expenses are essential, these should be fully justified. Use of funds for conference travel is not permitted.
- At least one project member will be expected to participate in regular Data Hub stakeholder meetings beginning in January 2024.
- Each team is expected to develop and deliver a summary presentation upon completion of the project and record a short video of the project's impact in advancing WIP. Videos should be submitted by July 31, 2024. Presentations will be scheduled as part of a program wide DataHub event early in the fall 2024 semester.

Proposal Requirements:

- **Submit as a single PDF file email attachment to: DataHub@uwyo.edu**
 - Email subject heading should be titled "Proposal_Submission_<PI_Last_Name>"
 - PDF file name should be titled "<PI_Last_Name>.PDF"
- Proposals should follow the format outlined below and must be limited to three pages of text/graphics (single line spacing, 11-point font, 1" margins) plus a separate one-page itemized budget table with explanatory notes.
- In the case of student applicants, a letter of recommendation from a faculty sponsor indicating that a) the student is in good standing and b) the faculty member is willing and able to provide guidance and any additional resources required to fulfill the project. The letter must come directly from the sponsor and submitted to DataHub@uwyo.edu by the proposal submission deadline.

Proposal Format:

- Proposal title
- Author name(s) & affiliation(s)
- Email address and Phone of Principal Investigator
- Requested amount
- Objective of the project
- Background and rationale
 - Include status of existing activities which this funding will enhance.
- Methods and deliverables
- A brief articulation of how the proposed work demonstrates the potential value of the UW Data Hub and advances the objectives of the Wyoming Innovation Partnership.
 - What new scientific/outreach/economic development outcomes will this project potentially support?
 - How might this project contribute to building a plan for the Data Hub?
 - How could this project be expanded to a larger project in the future, and what potential funding sources could be pursued?
- Itemized budget: including personnel costs by employment category (faculty, staff, students, etc.) using appropriate UW fringe rates and current hourly rates of the associated home unit and graduate assistantship stipends if applicable.
 - Note: Due to end-of-fiscal-year timesheet deadlines, hourly employees may not be supported by the grant beyond May 31, 2024.
 - If non-personnel resources are essential (software licensing, etc.), these costs should be fully justified. Use of funds for conference travel is not permitted.
 - If applicable, identify and describe any additional confirmed financial support to be directly leveraged during the award period.

Proposal Review:

Proposals will be reviewed by a committee composed of WIP leadership team members not directly affiliated with the Data Hub, UW faculty who have not submitted a proposal, and a community college WIP partner-participant. Committee members will rank proposals using a rubric constructed from the bullets of this Request for Proposals.

Deadline for submission:

Proposals must be received by 5:00 pm MDT on October 8, 2023. Receipt of submissions will be acknowledged by email. Decisions will be made, and notifications will be delivered by November 1, 2023, with funds immediately available.

Questions are encouraged and may be submitted by email to: DataHub@uwyo.edu

RFP Information Session: Individuals considering a proposal submission are encouraged to participate in an *optional* one-hour video conference information session on **Monday,**

September 18, 2023 from 12:00pm to 1:00pm (see link at end of document¹). The purpose of the meeting is two-fold: (1) answer questions and clarify details related to eligible projects and the proposal submission process; and (2) provide an opportunity for potential proposers to share initial ideas with other participants and identify possible collaboration opportunities.

¹ **September 18, 12-1p, RFP Q&A Zoom Meeting Link:**

<https://uwyo.zoom.us/j/93067596474>

Meeting ID: 930 6759 6474

One tap mobile: +12532050468,,93067596474# US