



Limited Submissions

Sponsor: National Institutes of Health (NIH)

Program: Data Science Research: Personal Health Libraries for Consumers and Patients (RO1 Clinical Trial Optional)

Estimated Award Amount: \$1,000,000 (direct costs)

JHU Nomination Limit: 1

For More Detailed Information Click [Here](#)

Deadlines:

Internal Application: November 24, 2020

Full Application: January 19, 2021

Opportunity Summary:

The National Library of Medicine seeks applications for novel data science/informatics approaches that can help individuals gather, manage and use data and information about their personal health. To bring the benefits of big data research to consumers and patients, new biomedical informatics and data science approaches are needed, shaped to meet the needs of consumers and patients, whose health literacy, language skills, technical sophistication, education and cultural traditions affect how they find, understand and use personal health information. Novel data science approaches are needed to help individuals at every step, from harvesting to storing to using data and information in a personal health library. Areas of development suggested below are not meant to limit the scope or creativity of proposed projects: constructing a personal health library, managing a personal health library, using a personal health library, digital librarian/assistant for personal health library.

Applicants must base their proposed work on an informed profile of the intended users, and, the work should be developed through interaction with the intended users. The strongest projects will provide approaches that incorporate health data and information from more than one source, such as diagnostic images and links to full-text articles or genome sequence data linked to a family health history. An application should be centered on the problem area being addressed and the intended audience, propose a possible solution that employs novel data science or informatics, and undertake a pilot that will result in evidence of the degree of success and/or needed next steps.

Eligibility & Requirements:

- Potential applicants are urged to discuss their proposed project with the Research Contact listed in Section VII Agency Contacts, for advice about the suitability of their idea for this funding initiative.
- Applicants whose applications may include a clinical trial are strongly encouraged to contact the Research Contact listed in Section VII Agency Contacts for guidance in advance of submitting an application to ensure that their proposed project is in compliance with [new NIH clinical trials policies](#) and consistent with the types of clinical trial applications that NLM supports.
- NLM will not support applications proposing Phase II, III or IV clinical trials.

Internal Nomination Process:

Interested applicants should submit the following documents:

1. [JHU Limited Submission Cover Sheet](#)
2. Proposal (maximum of two pages of text only, single spaced: 12-pt font and one-inch margins)
(Note: figures, tables, and other reference material may be included in addition to the 2 pg. text limit)
3. Curriculum Vitae of investigator, including current external research support and publications
4. Budget (two pages maximum)

[Click Here to Apply](#)

Questions? Comments? Email the Research Development Team at resapp@jhu.edu.