Funding Opportunity:

2017 Doctoral and Postdoctoral Fellowships in Health Data Science

The **Center for Integrated Health Data Science** announces new fellowship opportunities for research at the intersection of quantitative science and health. This program is open to **doctoral students** and **postdocs** in quantitative-science programs. This call will fund innovative, strategic, and creative research partnerships that utilize new analytical tools to tackle challenges in human health and the delivery of healthcare.

Scope: Competitive research projects will focus on exploiting quantitative methodologies to advance understanding of human health and disease, patient care, or the business of healthcare. It is required that applicants/projects have strong evidence of substantive collaboration between quantitative sciences mentors and clinical research faculty partners.

Eligibility: Current Duke doctoral students and new/current postdocs. Concerning the doctoral students, this opportunity is targeted to students who have completed all or most of their course work, and are focusing on their research (the research project should be targeted for the PhD dissertation). Successful candidates will come from quantitative disciplines, for example Computer Science, Engineering, Mathematics, Statistics, and Biostatistics & Bioinformatics, although candidates from other departments will be considered. The principal requirement is that the associated research should have an innovative quantitative component, with a focus on health applications of interest to the School of Medicine. The doctoral students and postdocs will be co-mentored by a quantitative faculty *and* a clinical faculty member.

Funding: Doctoral student fellowships will provide up to *three years* of support. *Two years* of salary support will be provided for postdoctoral awardees (up to $60,000/year).

Process: Application packages require the following:
- Cover sheet with the project title and the applicant's and mentors' names, titles, department affiliations, and contact information (one page)
- Research plan documenting the proposed project and partnership (two pages)
- Three CVs: for the student/postdoc, and for the quantitative and clinical mentors
- Transcripts for the doctoral student or postdoc
- A single, joint "mentorship statement" from the quantitative and clinical co-mentors. This statement should underscore the opportunity for impactful collaborative research at the intersection of data science and health (one page)
- Complete applications packages should be submitted as a single PDF file to *cfreel@duke.edu* by August 28, 2017

Final funding recommendations will be made by a panel of faculty from the Center for Integrated Health Data Science. Decisions will be communicated to the applicants on or around September 29, 2017. Awardees will be required to submit annual reports detailing the progress of the project and research partnership between the quantitative and clinical teams; continued funding is contingent on appropriate research progress.

Important dates for the 2017 Heath Data Science Fellowship Program:
- Submission open: April 17, 2017
- **Submission close: August 28, 2017**
- Award announcement: On or around September 29, 2017

Please submit completed applications to cfreel@duke.edu by 5 pm on August 28, 2017.

http://research.duke.edu/funding/OVPR-RFPs

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