myDATA PHASE II APPLICATION

As the ability for scientific researchers to work with big data becomes increasingly more important, the need for computational training also grows. To meet this challenge, the myDATA program provides graduate students and postdoctoral fellows with both general and specific computational skills that will allow them to conduct complex computational research. This training will position graduate students and postdoctoral fellows to be competitive in a job market where computational skills are becoming more and more in demand.

The myDATA program is comprised of three distinct phases, each with the goal of supporting trainees’ efforts in learning and incorporating computation into their own research. In support of this goal, the second phase of the program is a 20-week mentored research project during which trainees will work to complete a relevant, self-designed computational research project. During this 20-week program, students will be provided with one-on-one mentorship and expertise from the Northwestern University Information Technology (NUIT) and the Biostatistics Collaboration Center (BCC). In addition to this, myDATA will offer trainees additional resources in the form of workshops and support from the Libraries that are specifically tailored to each trainee’s research needs. In the end, trainees will have a guided and meaningful research experience that will give them the ability take on big data projects in the future and hopefully in their careers. At the end of the 20 weeks, participants will present their findings in a mini research symposium.

To apply, please submit a 1-page research proposal as a PDF to myDATA Phase II by December 15th, 2017. Proposal Guidelines:

- Arial Font 11, 0.5” margins
- Sections to include:
  - Introduction/Background
  - Research Question
  - Rationale
  - Hypothesis
  - Brief methods
  - Expected outcomes
- Please bold or underline each of the sections

For questions, please email Jasmine Lucas (jasminelucas2014@u.northwestern.edu)