myDATA Phase III: Preparing PhDs for a Data-Driven World Application Instructions:

As the ability for scientific researchers to work with big data becomes increasingly important, the need for computational training also grows. To meet this challenge, the myDATA program, supported by the Burroughs Wellcome Fund, 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. The third phase of the program is a short “train-the-trainer” series in which trainees will learn to effectively teach computational skills to others. Participants in the train-the-trainer series will gain the skills and knowledge needed to run their own coding workshops at Northwestern. This will enable trainees to grow in both their coding and teaching skills, thus allowing them to gain meaningful experiences and be impactful members to the broader Northwestern community. Altogether, trainees will have both quantifiable skills and experiences that will empower them and hopefully lead to future success in the job market and beyond.

To apply, please complete a short application by **Wednesday, May 16th, 2018**.

Applications can be found here: [https://goo.gl/forms/wu5CRnDFUhdaR9rm1](https://goo.gl/forms/wu5CRnDFUhdaR9rm1)

Requirements:

- Available for a total of **4 training sessions (9AM-5PM)** in both June and August
  - Trainings will be scheduled for 2 days within the first two weeks of June and 2 days within the first two weeks in August

- After training, trainees must teach **at least 2** workshops in the 2018-2019 academic year at Northwestern

- Must be familiar with Python or R including knowledge of the following:
  - Github version control
  - Data manipulation
  - Data visualization

For questions about python requirements, please contact Jackie Milhans ([milhans@northwestern.edu](mailto:milhans@northwestern.edu)), for all other questions, please email Jasmine Lucas ([jasminelucas2014@u.northwestern.edu](mailto:jasminelucas2014@u.northwestern.edu))