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Credit: USA Today

An Innovative PhD Fellowship Program Encompassing Computer Science, Statistics, Electrical Engineering, Biomedical Informatics, Psychology, Business, and Journalism

- Are you interested in learning about a Ph.D. fellowship program?
- Does the phrase “Big Data” excite you?
- Are you thinking of applying to a Ph.D. program at Columbia University in Computer Science, Electrical Engineering, Statistics, Psychology, or Biomedical Informatics?

The vision of this IGERT is to make such collaborations possible, to move our society from one with a surfeit of data to one with useful and targeted information. A key component of this vision is the training of a new generation of Ph.D. students who have the skills to make sense of vast amounts of data from many sources and media and the desire and ability to apply their skills to the provision of solutions to real world problems.

A primary goal of this IGERT is to establish a new interdisciplinary program at Columbia and CUNY to educate Ph.D. students in advanced information extraction, analysis, and presentation approaches that can be applied to multiple types of data (text, audio, image, video) and to engage them in the application of these approaches to problems in real world domains, specifically, medicine, journalism, and business. Students will receive training in (1) Statistics, machine learning, and data mining techniques; (2) Applications of these techniques to text, audio, and video data; (3) Uses of social media as information sources; and (4) Information needs of medicine, journalism, and business.

All IGERT Trainees will receive the fellowship support provided by the National Science Foundation, **including full tuition, medical fees, and a stipend** for a minimum period of two years.

Eligibility: Open to any U.S. Citizen or Permanent Resident. Applicants who do not meet this eligibility requirement may still apply and participate as an Affiliate (will not be eligible for fellowship support). ***We strongly encourage women and ethnic minority students to apply.***

How to Apply: www.cs.columbia.edu/igert/howtoapply.shtml

For more information, visit www.cs.columbia.edu/igert and www.facebook.com/DataIGERT.

Questions? Please contact Diana Kim, IGERT Coordinator, at dk2629@columbia.edu

