MIT Institute for Data, Systems, and Society (IDSS): postdoctoral associate

MIT's Institute for Data, Systems, and Society (IDSS) seeks candidates for Postdoctoral Associates starting in 2018. Applications will be accepted through Friday April 13, 2018.

Financial support will be provided by IDSS for the selected Postdoctoral Associates with appointments to start between July 1 and September 1, 2018 for one year, renewable for a second year based upon satisfactory performance.

The ideal candidate will have a strongly interdisciplinary research agenda with a demonstrated track record of interest in complex social problems.

Candidates can find the application process at the MIT jobs site (http://careers.mit.edu), req# 15514, and it is also appended below. A committee consisting of IDSS leadership and selected core faculty will review and select applications. Selections will be made between May 1 and June 15, 2018.

POSTDOCTORAL ASSOCIATE, Institute for Data, Systems, and Society (IDSS), to perform independent research in areas combining social science knowledge with technical analyses of complex social and technological systems. Areas of interest may include quantitative and qualitative approaches to understanding social and institutional behavior through analyses of digital technologies including theory and applications of networks and connection sciences to social systems.

Specific duties to include:
* Performing independent research in areas combining social science knowledge with technical analyses of complex social and technological systems
* Leading activities within IDSS to increase participation and integration of MIT social science faculty and staff with IDSS core and affiliate faculty; for example PDA may (with appropriate IDSS administrative staff support):
  - Design, develop and implement plan for new seminar series, propose speakers for series, speaker outreach and scheduling, etc.
  - Organize and direct a social science workshop at MIT
  - Organize and direct IDSS SES PhD student poster sessions as needed
  - Assist IDSS core and affiliate faculty with research proposal writing
* Writing on and publishing original documents, such as: quarterly interviews or research reviews highlighting work conducted by faculty in social science areas of domain applications; publishing own work in recognized journals

This will be a one-year appointment beginning between July 1 and September 1, 2018 or a later mutually agreed upon date, with the possibility of renewal for a second year based upon satisfactory performance.

REQUIREMENTS: Ph.D. (expected or obtained) in Statistics, Engineering, Computer Science, Operations Research, Economics, Mathematics or a related field; strong analytical and written communication skills, ability to work effectively in an interdisciplinary environment and commitment to participating in IDSS activities.
In addition to applying online (cover letter and CV), please submit the following documents in .pdf format to idss-postdoc-search@mit.edu.
* Two additional letters of support; at least one should be external to MIT
* Sample of your scholarly work (either as an electronic doc or URL)
* Suggestions for two IDSS faculty supervisors (one from Engineering, one from another MIT school) who are doing work that intersects with your research interests and might be potential mentors