The Department of Brain & Cognitive Sciences (BCS) (http://bcs.mit.edu) at MIT is looking to hire multiple tenure-track faculty at the assistant professor level. Affiliations with the Picower Institute for Learning & Memory and the McGovern Institute for Brain Research are possible. We are most excited about candidates who work in one or more of the following three areas:

i. **Computational approaches to neuroscience and cognition.** Possible areas of focus include but are not limited to: statistical analysis of neural data and neural signal processing; computational modeling of neural circuits, of neural population representations and transformations; and/or of human cognitive processes. Candidates with the ability to build bridges across empirical domains are especially attractive. An affiliation with Electrical Engineering and Computer Science (EECS), the Computer Science and Artificial Intelligence Laboratory (CSAIL), the newly formed Statistics and Data Science Center, and Society (IDSS), or other allied departments is possible. The Department aims to make multiple hires in this area.

ii. **Systems neuroscience in non-human animals.** The ideal candidate will be driven by the goal of reverse-engineering neural circuits underlying complex behaviors, and will employ novel technologies and computational approaches to understand the coding, dynamics, and/or anatomical underpinnings of these circuits. We will consider applicants who are working on a broad range of model organisms.

iii. **Cognitive neuroscience in humans and/or non-human primates.** The ideal candidate would be conducting research that informs our understanding of cognition while bridging levels of analysis and using multiple methods, e.g. ECoG, fMRI, electrophysiology, MEG, computational modeling, genetics and reverse engineering approaches.

Successful applicants are expected to develop and lead independent, internationally competitive research programs and to share in our commitment to excellence in undergraduate and graduate education by teaching courses and mentoring graduate and undergraduate students. PhD must be completed by start day of employment and some postdoctoral training is preferred.

Please submit application materials – cover letter, CV, statement of research and teaching interests and representative reprints – online at https://academicjobsonline.org/ajo/jobs/8024. Please state research area in cover letter. To help direct the application, applicants should indicate which of the areas listed above is their main research area by selecting from the drop down list included in the application. In addition, please arrange to have three letters of recommendation submitted online. All application materials are due by midnight (EST) on October 31, 2016.

*MIT is an equal employment opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability.*