Come hear about remarkable learning opportunities at MIT

Winter Quantitative Methods Workshop
Summer research internships for undergraduates
Ph.D. program in computational neuroscience

**Wednesday, October 30, 2019 1:30–3:00 PM in 415 Hunter West**

**Dr. Mandana Sassanfar** is MIT’s award-winning Science and Diversity Outreach Coordinator. She will visit Hunter to speak with interested Hunter undergraduates in a group session. This is your opportunity to learn about MIT’s annual winter Quantitative Methods Workshop (QMW), their summer research internships for undergraduates, and their Ph.D. program in computational neuroscience. Hunter College students have participated in these highly competitive and rewarding research programs for the last 6 years, but **registration for QMW is by invitation only**.

The intensive QMW workshop is designed to introduce students to quantitative tools and programming languages (e.g., MATLAB and Python) that are routinely used to analyze experimental data in biology and neuroscience. It will also help students better prepare for summer research internships and make them more competitive graduate applicants.

**FAQs**

- **What?** Daily lectures by MIT faculty, daily 4 - 5 hour hands-on computer labs, and roundtable discussions on graduate school and careers in science. This is an intense, fast-paced experience; you should be a quick learner and willing to spend long hours learning challenging material during your winter break.
- **Who?** Applicants should have a strong GPA, and a genuine interest in a research career. Participants should be highly driven and motivated, enjoy learning new and challenging material, excel at teamwork, and be able to share their knowledge with others.
- **Cost?** You arrange and pay for your own travel to Cambridge, MA and for all hotel costs ($595 for 7 nights in a double room beginning January ?). MIT provides all meals, as well as group activities.
- **Hardware?** All participants must bring their own laptop.

**Eligibility for QMW**: advanced sophomores, juniors or seniors who major in a STEM field: biological sciences, neuroscience, computer science, or mathematics. **A GPA of 3.5 or higher is advisable.**

**How to apply for QMW**: Attend the information session on October 30 and then…

- **By November 11, complete the form at** https://forms.gle/AJjFjgD6zfgGcx6G8
- **Submit it and sign a printed version**
- **Bring the completed application with you in person** (no email submissions) to discuss it with one of us:
  - Susan L. Epstein, Department of Computer Science, HN 1090 C, susan.epstein@hunter.cuny.edu
  - Weigang Qiu, Department of Biology, Belfer 402, Weigang@genectr.hunter.cuny.edu

**The Center for Brains, Minds, and Machines (CBMM)** is an interdisciplinary, multi-institutional collaboration to study human intelligence. Funded by The National Science Foundation, CBMM is headquartered at MIT’s McGovern Institute for Brain Research. Hunter College is privileged to be one of CBMM's partner institutions. This workshop is sponsored by MIT's Biology department and by CBMM. **https://biology.mit.edu/outreach/quantitative-methods-workshop/program-details-qmw/**