# Thomas M. Morin

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## EDUCATION

**Boston University**, Beginning Fall 2017
PhD Student
Graduate Program in Neuroscience

**Tufts University**, 2013 – 2017
Bachelor of Science, *magna cum laude,* Thesis Honors
Cognitive & Brain Science, Computer Science
Senior Honors Thesis: *Optimizing fPET-FDG*
GPA: 3.74

## HONORS AND AWARDS

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|---|---|
| 2017 | Honorable Mention, NSF Graduate Research Fellowship Program |
| 2017 | Joanne Mary Sullivan Prize, Tufts University Psychology Department |
| 2017 | Barton Term Scholar for Arts and Sciences, Tufts University |
| 2016 | SpaceX People's Choice Award, Out for Undergrad Engineering Conference |
| 2016 | Greg Ellenoff Internship Grant, Tufts University Career Center |
| 2016 | Psi Chi Honor Society, Tufts University Chapter |
| 2013-2017 | Dean's List, Tufts University (5 semesters) |

## PUBLICATION

Placzek, M. S., Zhao, W., Wey, H. Y., **Morin, T. M.**, & Hooker, J. M. (2015). PET neurochemical imaging modes. *Seminars in Nuclear Medicine*, 46(1), 20-27 http://dx.doi.org/10.1053/j.semnuclmed.2015.09.001

## PRESENTATIONS

**Morin, T. M.** Branching Out: What a Tree Can Teach You About Your Brain? *Out For Undergrad Engineering Conference*. 2016. Stanford Universtiy, Palo Alto, CA.

**Morin, T. M.** Creating a Computer Simulation Tool for PET Neuroimaging. *Tufts University Undergraduate Research and Scholarship Symposium*. 2016. Tufts University, Medford, MA.

## RESEARCH EXPERIENCE

**Hooker Research Group, A. A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Harvard Medical School**
*Research Intern*, April 2015 - May 2017

**Memory and Cognition Lab, Department of Psychology, Tufts University**
*Undergraduate Research Assistant*, May 2014 - May 2015

## TEACHING EXPERIENCE

**Introduction to Cognitive and Brain Science**
*Teaching Assistant*, Spring 2017
Department of Psychology, Tufts University

**American Sign Language I, II, and III**
*Tutor*, Fall 2016
Academic Resource Center, Tufts University

## ADDITIONAL EXPERIENCE

**Office of Residential Life and Learning, Tufts University**
*Senior Resident Assistant,* Aug. 2016 - May 2017
*Resident Assistant,* Aug. 2014 - May 2016

**Tufts Psychology Society**
*Class of 2017 Representative,* Sept. 2015 - May 2017

**Tufts University Mentorship Team**
*Peer Mentor*, Summer 2016

**Alzheimer's Association: The Longest Day**
*Event Guide*, June 2016

**Enigma: Tufts Independent Data Journal**
*Contributing Author,* Jan. 2016 - May 2016

**DeafBlind Contact Center**
*Student Volunteer,* Spring 2016

## SKILLS

**Operating Systems**

- Proficient in Linux, Mac OS, and Windows

**Languages**

- Fluent in C, C++, Python, Bash
- Experience with HTML/CSS, Scheme, Standard ML, Lisp

**Software**

- Neuroimaging: FSL, Freesurfer, PMOD, Mango
- Statistical: MATLAB, SPSS

**Key Concepts**

- Kinetic Modeling for PET
- Brain Functional Connectivity Analysis
- Machine Learning