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## EDUCATION

<b>University of Massachusetts Boston</b>	<b>2022 – Present</b>
Ph.D. student in Developmental and Brain Sciences; <b>PI:</b> Dr. Tashauna Blankenship	<b>GPA: 4.0</b>
<b>Boston University</b>	<b>2021 - 2022</b>
M.A in Psychology; <b>PI:</b> Dr. Joseph McGuire	<b>GPA: 3.96</b>
<b>Tufts University</b>	<b>2017 - 2021</b>
B.A. in Cognitive and Brain Sciences, International Relations; Minor in Computer Science	<b>GPA: 3.72</b>

## RESEARCH EXPERIENCE

<b>UMass Boston Baby Lab (PI: Dr. Tashauna Blankenship):</b> <i>graduate researcher</i>	<b>2022-Present</b>
<ul style="list-style-type: none"><li>• Project 1: Episodic memory aids episodic future thinking (EFT). <i>Piloting.</i></li><li>• Project 2: Theory of Mind (ToM)/ psychological distance and EFT. <i>Collecting data.</i></li><li>• Project 3: Memory-guided planning and ToM. <i>Analyzing results.</i></li><li>• Project 4: Redesigning the Spoon Task in EFT research. <i>Designing task.</i></li><li>• Project 5: Collaboration with Many Babies' ToM study. <i>Collecting data.</i></li></ul>	
<b>Boston U. Cognition and Decision Lab (PI: Dr. Joseph McGuire):</b> <i>research volunteer</i>	<b>2021-2022</b>
<ul style="list-style-type: none"><li>• Help redesign eye-tracking experiment on covert decision-making</li><li>• Write literature review on using gaze as prediction, using covert tasks to study decision-making, etc</li><li>• Implement the experiment in PsychoPy/ Python</li><li>• Run pilots and learn to analyze eye tracking data with a postdoctoral fellow (Dr. Leah Bakst)</li></ul>	
<b>Tufts Visual Analytics Lab (PI: Dr. Remco Chang):</b> <i>research intern</i>	<b>2020-2021</b>
<ul style="list-style-type: none"><li>• Run visualization experiments with Amazon Mechanical Turk on inferential tasks for evaluation</li><li>• Conduct statistical analyses on behavioral results including tests for normality, nonparametric tests, chi square test</li><li>• Write senior honors thesis on aforementioned experiments with a focus on inferential learning in children and adults (<b>Advisor: Dr. Paul Muentener</b>)</li></ul>	
<b>Tufts Human Robot Interaction Lab (PI: Dr. Matthias Scheutz):</b> <i>research intern</i>	<b>2019 – 2020</b>
<ul style="list-style-type: none"><li>• Assist in design and run three online HRI experiments with psiTurk, Psytoolkit, jsPsych</li><li>• Run in person human subjects for a virtual reality experiment with robots</li><li>• Research the Dempster–Shafer cognitive model</li></ul>	
<b>Center for Advanced Defense Studies:</b> <i>consultant/ research intern</i>	<b>2019</b>
<ul style="list-style-type: none"><li>• Using open-source information, trace wildlife trafficking rings in Southeast Asia and Africa</li><li>• Utilize both English and Vietnamese sources to find data on traffickers, transportation routes, trafficking reports, port records, land data, etc.</li></ul>	
<b>Tufts Human Interaction Lab (PI: Dr. JP deRuiter):</b> <i>lab intern</i>	<b>2018</b>
<ul style="list-style-type: none"><li>• Assist in setting up experiments and collecting data</li><li>• Analyze transcriptions for lexical, structural and temporal errors</li></ul>	

## PUBLICATIONS AND CONFERENCE PRESENTATIONS

**Pham, Q. A.,** Weber, A., Broomell, A., & Blankenship, T.L. (August, 2023). Using Theory of Mind in Memory-Guided Planning. Symposium poster presented at the European Society of Philosophy and Psychology, Prague, Czech Republic.

**Pham, Q. A.** & Blankenship, T.L. (March, 2023). Inhibitory Control Contributes to Successful Memory-Guided Planning In Early Childhood. Symposium poster presented at the Society of Research on Child Development, Salt Lake City, UT.

Blankenship, T.L. & **Pham, Q. A.** (March, 2023). Development of Memory-Guided Planning Across Early Childhood. Symposium paper presented at the Eastern Psychological Association, Boston, MA.

**Pham, Q. A.** & Blankenship, T.L. (November, 2022). Inhibitory Control Contributes to Successful Memory-Guided Planning In Early Childhood. Symposium poster presented at NeuroBoston Society for Neuroscience Boston chapter meeting, Boston, MA.

*Received Best Short Paper award*

Suh, A., Mosca, A., Robinson, S., **Pham, Q.**, Cashman, D., Ottley, A., & Chang, R. (2022). Inferential Tasks as an Evaluation Technique for Visualization. arXiv preprint arXiv:2205.05712.

Gervits, F., Thurston, D., Thielstrom, R., Fong, T., **Pham, Q.**, & Scheutz, M. (2020). Toward Genuine Robot Teammates: Improving Human-Robot Team Performance Using Robot Shared Mental Models. In AAMAS (pp. 429-437).

## **TEACHING, TUTORING, & OTHER ACADEMIC INVOLVEMENT**

**UMass Boston Osher Lifelong Learning Institute:** *teacher* **Fall 2023**

- Teach a class (Improving Executive Functions) to older adults (50+ years old)
- Prepare material from academic papers for 5 classes, each class lasting 1.5 hours
- Lecture and facilitate discussion between students

**UMass Boston Writing House:** *writing tutor* **Fall 2023**

- Tutor students in the Nursing school on written assignments, 6-9 hours per week
- Assist with organization of content, clarity of ideas, flow of writing, editing, APA structure

**Computational Summer School on Modeling Social and Collective Behavior:** *student* **Summer 2023**

- A computational modeling 4-day summer school in Konstanz
- Learn about using computational modeling in psychology and other social sciences
- Complete a project mentored by Dr. Julian Jara-Ettinger on computational modeling of Theory of Mind

**UMass Boston Directions for Student Potential:** *critical analysis coach* **Summer 2023**

- Teaching assistant for Critical Analysis in a program for students conditionally accepted to UMass Boston
- Keep attendance, support students in and out of the classroom, supervising group work
- Lecture (one session) on David Kahneman's "Thinking Fast and Slow"

**UMass Boston SONA Psychology Human Subjects Pool:** *administrator* **Spring 2023-Present**

- Organize instructional materials for researchers, instructors, and students
- Assist SONA users with navigating the website, overseeing experiments, or signing up for slots
- Facilitate communication between study PI, researchers, and student participants

**Tufts Writing Fellows:** *writing tutor* **2018-2020**

- Help students in different fields brainstorm ideas, organize their outlines, and write papers
- Classes tutored: Experimental Psychology; Urban Economics; Force, Strategy, and Arms Control

**Mentoring experience:** **2015-Present**

- Tutor two students on essay writing and Writing section of SAT (in Vietnam)
- Mentor four International Relations students (Tufts University)
- Mentor four Psychology students (UMass Boston)
- Train two undergraduate research assistants at the Baby Lab (UMass Boston)

- Second reader on undergraduate honors thesis for three students (UMass Boston)

## LEADERSHIP DEVELOPMENT & COMMUNITY INVOLVEMENT

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### **ManyBabies:** *student advisor*

**Summer 2023-Present**

- One of two student liaisons to ManyBabies, an international developmental psychology consortium
- Attend and contribute to Governing Board meetings
- Contribute to Teaching, Training, and Open Science internal committee hosting webinars and training sessions

### **Brain Awareness Day:** *speaker*

**Spring 2023**

- UMass Boston's Neuroscience Club Brain Awareness Day for middle school students
- Run hands-on station on stress and meditation
- Speak about my experience as a neuroscientist on a speaker panel

### **Student Representation:** *contributor*

**2022-Present**

- Attend student meetings in the Developmental and Brain Science program at UMass Boston
- Plan and synthesize ideas to raise to the faculty; *current mission: stipend raise*
- Attend meetings with and communicate ideas to school student union

### **Tufts Women in IR:** *co-founder, head event organizer*

**2018-2021**

- Organize events for professional development in International Relations
- Facilitate discussions specific to women and gender minorities in International Relations
- Liaison between the club, the overseeing department, and the student government.

### **The Tufts Daily:** *copy-editor, photographer*

**2018-2019**

- Copy-edit articles for the Daily once a week for 2-4 hours
- Take and edit photographs for articles, 8-10 per semester
- Manage the Daily's Facebook page and website

### **EZ Psychology:** *researcher and translator*

**2017 - 2018**

- Compile Vietnam's first psychology dictionary, focusing on biological and abnormal psychology

### **Psi Ams:** *founder, president, advisor*

**2015 - 2017**

- First youth psychology club in Hanoi
- Coordinate projects, manage research and external relations
- Actively publish articles on the field of psychology and mental health to the youth community
- Facilitate outreach to psychology academics in Viet Nam to deliver talks to the community

### **Ams' Writers Guild:** *editor-in-chief, writer*

**2015 - 2017**

- High school writing club focused on creative writing with publication of biannual magazine
- Manage editing team and edit writing submissions before their publication
- Contribute personal works to club website and club magazine

## RELEVANT SKILLS

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**Language:** Fluent in English and Vietnamese

**Technical:** Proficient in Microsoft Office (Word, Excel, PowerPoint), Python, R, VBA (programming language); familiar with LaTeX, SPSS, MATLAB, CLAN, C++, C#, JavaScript, HTML, CSS

**Certificates:** The Data Scientist's Toolbox (Coursera)

**Other skills:** Human resources, project management, creative writing