

TUFTS GRADUATE PROFESSIONAL DEVELOPMENT WINTERNSHIP

The Tufts Graduate Winternship is a new collaboration between the Graduate School of Arts and Sciences (GSAS), the Experimental College, and the Office of Alumni Relations.

The program will take place the **week of January 9-13, 2017**, and is designed for GSAS graduate students who are eager to explore new career paths. Tufts alumni serving as hosts will enable a select group of graduate students to engage in job shadowing at various businesses and organizations in the Greater Boston area.

Each alumni host will provide an opportunity for a graduate student to become familiar with various aspects of the host's work. The specific activities during the Winternship week will vary based on each placement, with hosts generally able to provide the student with:

- An introduction to the organization and its culture
- An opportunity to interview the host and gain an understanding of the host's role in the work setting
- Information on typical career paths, skills, and preparation needed to work in that field
- Opportunities to meet with some of the host's colleagues
- Shadowing at meetings, presentations, or events
- Visits to related facilities such as labs and classrooms

If appropriate, the graduate student may assist with projects that give a deeper understanding of the host's work.

The list of participating alumni is attached. Interested graduate students should apply to shadow an individual host, and should complete this [Google form](#) after reading the list of hosts and sites. Since this is a pilot project, only a limited number of sites are being offered - we appreciate your understanding.

The application deadline is November 29, 2016 at 5:00pm. Students selected for the program will be notified in early December, and will arrange the days and times to shadow that best fit the host's schedule.

Questions? Please contact Amy Goldstein, Assistant Director, Experimental College, at 617-627-3384; amy.goldstein@tufts.edu, or Sinaia Nathanson, Associate Dean, GSAS, at 617-627-2515; Sinaia.Nathanson@tufts.edu

2017 Alumni Hosts and Sites

Host: Matthew Aernecke, Senior Research Scientist. Tufts degree: Chemistry

- **Site: 908 Devices, Boston** – Maker of small, handheld chemical detection systems based on high pressure mass spectrometry (HPMS). As a senior research scientist, Mr. Aernecke is responsible for interacting with all groups to keep them informed and on track with what is needed to solve a particular problem, in addition to performing his own experiments. The problem sets range from troubleshooting new prototypes, to performing experiments that inform engineering decisions, to brainstorming and prototyping new hardware, to government program management.
<http://908devices.com>

Host: Thomas Beraldi, Jr., Associate Vice President of Research and Planning. Tufts degree: M.A. in Urban and Environmental Policy and Planning

- **Site: Southern New Hampshire University, Manchester, NH** - Manages the university's institutional research, evaluation, and business intelligence functions. Students may also have an opportunity to meet with administrators in the areas of student success, student affairs, or enrollment management. <http://www.snhu.edu>
- **Note:** Ph.D. students in fields of education or computer science would likely be the best fit. *Manchester, NH is about an hour drive from Tufts.*

Host: Matthew Engler, Director. Tufts degree: Economics

- **Site: Barclays, Boston** - Investment banking working with state and local government entities to finance varied public sector projects, including affordable housing, transportation infrastructure, utilities infrastructure, and public colleges and universities. Matt also holds an MBA from Yale School of Management.
<https://www.home.barclays>

Host: Robert Guillemain, Environmental Protection Specialist. Tufts degree: M.A. in Environmental Policy

- **Site: U.S. Environmental Protection Agency, Boston** - Rob Guillemain is the Grocery Sector Lead for the Environmental Protection Agency's Sustainability and Innovations Unit in New England. He works with state environmental programs, trade associations, and not-for-profit organizations to promote sustainable business practices within the food retail sector. <https://www.epa.gov/aboutepa/epa-region-1-new-england>

- **Note:** the Winternship opportunity will be comprised of scheduled calls and meetings focused around Best Management Practices (BMPs) for the food retail sector, rather than a full week of job shadowing.

Host: Adrian C. Madaro, State Representative. Tufts degree: Master's in Public Policy and Urban Planning

- **Site: Massachusetts State House, Boston** – Rep. Madaro is a first-generation American and lifelong East Boston resident. He attended Tufts as an undergraduate, then earned a Master's in Public Policy and Urban Planning. During his time at Tufts he had the opportunity to intern for U.S. Senator Kirsten Gillibrand in Washington D.C. Prior to his election as State Representative, Adrian served as the Chief of Staff for Representative Carlo Basile. He has been staunch advocate for the East Boston community on Beacon Hill since his election in 2010. During the past legislative session, he has served on the following committees: [Joint Committee on Health Care Financing](#); [Joint Committee on Municipalities and Regional Government](#); [Joint Committee on State Administration and Regulatory Oversight](#); [House Committee on Technology and Intergovernmental Affairs](#)

Host: Arleen O'Donnell, Senior Vice President. Tufts degree: Environmental Studies

- **Site: Eastern Research Group, Lexington, MA** – ERG is a consulting firm that helps clients protect the environment, improve worker health and safety, ensure the safety of food and drugs, plan sustainable facilities, and achieve other positive outcomes. <https://www.erg.com>

Host: Jessica Pesce, Associate Director, Faculty and Academic Affairs. Tufts degree: Classical Archaeology

- **Site: Boston College, Boston** - Oversees all faculty hiring, from searches through new faculty orientation. Also responsible for managing faculty sabbatical applications, annual reviews, promotion and tenure, and contract renewals, in addition to helping with university strategic planning and re-accreditation processes. This placement provides exposure to university administration as a possible alternative path in academia. <http://www.bc.edu>

Host: Iris Chin Ponte, Owner and Director. Tufts degree: Child Development

- **Site: The Henry Frost Children's Program, Belmont, MA** – The site operates a preschool from 8:00am-1:00pm, and an extended day program from 1:00-3:00pm. Ms. Ponte's consulting firm, Ponte & Chau Consulting, is involved with local education-based programs, and she also supports adopted children from China. <http://henryfrostprogram.com>; <http://www.ponteandchau.com/index.php>

- **Note:** Due to her travel schedule, Ms. Ponte would need to arrange shadowing visits prior to January 12.

Host: Ellen Rainville, Professor. Tufts degree: Occupational Therapy

- **Site: Springfield College, Springfield, MA** – Ms. Rainville teaches pediatrics, research and professional practice courses. She is also involved in service learning and inter-professional education initiatives, with a particular interest in equity and access in higher education. <http://springfield.edu/directory/ellen-rainville>
- **Note:** Springfield is about 90 miles from Tufts.

Host: John Rumpler, Program Director and Senior Attorney. Tufts degree: B.A. in History and Philosophy

- **Site: Environment America, Boston** - Environment America is a federation of state-based environmental advocacy organizations in the United States. The organization researches and advocates for environmental policies through lobbying and the mobilization of public support. Mr. Rumpler holds a J.D. from Northeastern University School of Law. <http://environmentamerica.org/staff/ame/john-rumpler>

Host: Susan Schmidt, Chemistry Teacher. Tufts degree: Education, Masters in Teaching.

- **Site: Somerville High School, Somerville** – Ms. Schmidt teaches AP Chemistry and Sheltered English Immersion (SEI) chemistry from approximately 8:00-11:00am. <http://www.somerville.k12.ma.us/schools/somerville-high-school>
- **Note:** Visits to classrooms in other subjects might be arranged if interested.

Host: Zlatko Vasilkoski, Chief Data Scientist. Tufts degree: Physics.

- **Site: FacilityConneX**, Nashua, NH - "Big Data," "Cloud Solution," "Internet of things," "Industrial Internet" – these are key areas for which FacilityConnex develops cloud-based integration of software with the networked sensors of complex physical machinery. FacilityConnex monitors customers' industrial equipment data using data analytics, and offers alerts on abnormal (fault) condition or defect of their equipment or energy savings opportunities. <http://facilityconnex.com>
- **Note:** Nashua is approximately 40 miles from Tufts by car. Car-pooling may be possible.

To apply for the Graduate Professional Development Winternship with one of the hosts listed above, please fill out this [Google form](#) by November 29, 2016 at 5:00pm.