**Johanna Riddle**

M.S. Candidate

Urban Environmental Policy and Planning, Tufts University

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**EDUCATION \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Tufts University** |*Medford, MA*

M.S. in Urban Environmental Policy and Planning

Graduate advisor: Dr. Justin Hollander

**Worcester State University** | *Worcester, MA*

B.A. in Communication

Undergraduate advisor: Dr. Julie Frechette

**RESEARCH \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Tufts Environmental Policy and Planning Department** | Graduate Research Assistant

FEB 2022 - CURRENT

* 2nd International Conference on Urban Experience + Design: Ux+Design/2023

Coordinated and co-selected admitted abstracts for the *2nd International Conference on Urban Experience and Design: Ux+Design/2023* hosted by Tufts University.

* Green and Complete Streets Design and Biometrics Research

Lead photo and video curation and coordination for green and complete streets initiative in Devens, MA; contributed to the design and deployment of iMotions Online study with human subjects.

* Communities Responding to Extreme Weather (CREW) in Addis Ababa, Ethiopia

Identified informal settlements in Addis Ababa, Ethiopia by coding Twitter data based on climate-related keywords in English and Amharic. Expanded research methods by investigating public digital interactions and threads between residents and political stakeholders on Twitter.

* NeuroArt Lab

Compared identical photos of Tufts campus with and without art installations using pre-attentive processing outputs from 3M Visual Attention Software (3MVAS) to evaluate the unconscious impact of art installations on campus.

**Global Tufts** | Global Research Assistant Program *‘Digital public spaces across Europe: A systematic investigation of design and planning strategies’*

MAY 2022 - SEPT 2022

PI: Dr. Justin B. Hollander

* Organized global itinerary and accommodation based on regions that profoundly contribute to technological advancement.
* Recruited and interviewed government officials and technology business innovators across five major European cities: Cardiff, Wales; London, England; Paris, France; Berlin, Germany; Amsterdam, Netherlands.
  + Eg. Ben Moore, Senior Policy Advisor for the *London Center for Data Ethics, and Innovation* (CDEI); Prof. Dr. Gabriela Christmann, Head of the Research Department *Dynamics of Communication, Knowledge and Spatial Development* at the Leibniz Institute for Research on Society and Space (IRS) Erkner, Germany.
* Consolidated interview findings and related literature spanning two disciplines, technology, and urban planning, into final report.

## The Human Architecture & Planning Institute | Research Group

JAN 2022 - MAY 2022

* Co-designed research study of how the urban environment influences perception and attention using biometric methods.
* Aggregated and analyzed 3M VAS biometric outputs: Area of Interest (AOI), Visual Sequence, Heatmap, and Hot Spot data of photos of car-free Memorial Drive in Cambridge, MA.
* Co-designed, implemented, and distributed iMotions online study using human subjects.
* Coordinated team meetings with project partner, *The Human Architecture + Planning Institute*.

**PUBLICATIONS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* *Under review*
  + Title: *Biometrics in roadway design: incorporating the subliminal human experience*
  + Journal: The American Planning Association (APA)
  + Authors: **Johanna Riddle**, Eliandro Tavares, Jenna Van Holten, Jenna Whitney, Ann Sussman, and Justin B. Hollander
* *Under review*
  + Title: *The Online Conversion Framework: Understanding antagonism, planning theory, and social media*
  + Journal: Planning Theory
  + Authors: Ruth Potts, **Johanna Riddle**, Justin Hollander, Maxwell Hartt
* *Under contract*
  + *Biometrics show how people really see the city*
  + Magazine: The Scientific American
  + Justin B. Hollander, **Johanna Riddle**, Eli Tavares, Jenna Van Holten, and Jenna Whitney

**PRESENTATIONS & PANELS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2023** Livable Cities Conference for Architecture, Media, Politics Society (Amps) |NYC

* + Individual presentation of *‘Soundscraping NYC: using sound data to re-imagine NYC’s most noise-polluted corridors’* paper.

2nd International Conference on Urban Experience and Design: Ux+Design/2023

* + Group presentation of ‘*Biometrics in roadway design: incorporating the subliminal human experience’* with co-contributors Eli Tavares, Jenna Van Holten & Jenna Whitney.

**2022** Three-minute Thesis Competition (3MT)

* + Group presentation of ‘*Biometrics in roadway design: incorporating the subliminal human experience’* with co-contributors Eli Tavares, Jenna Van Holten & Jenna Whitney. Judged by a panel of faculty members on their clarity, conclusion, and logical sequence.

UEP 237: Urban Analytics & Visualization Final Presentation

* + Individual presentation of *‘Soundscraping NYC: using sound data to re-imagine NYC’s most noise-polluted corridors’* class report.

GLIDE Fellow Practicum Presentation

* + Individual presentation of tactics to spread visible awareness of 1st generation (graduate student) resources at Tufts University.

Global Tufts Presentation

* + Individual presentation on experience and research findings of Graduate Research Assistant Program.

Technische Universität (TU) Berlin

* + Panelist for *Collaborative Research Center (CRC) 1265 Refiguration of Spaces — Phase II: A02 The Spatial Knowledge of Young Adults* Workshop.

UEP 255: Field Projects Final Presentation

* + Group presentation of ‘*Eyes on the Drive’* in collaboration with The Human Architecture + Planning Institute.

**2021** UEP 264: Green Urban Design

* + Group presentation of *Brickbottom Planning Report*, a LEED-platinum site re-design proposal for the Brickbottom Artists Association in Somerville, MA.

American Association for Geographers (AAG)

* + Co-presented working paper ‘*the sub-urbanization of carless households’* with Dr. Matthew Palm.

**HONORS & AWARDS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2022** Dialogue Ambassador for Generous Listening and Dialogue Center (GLADC)

* **$500** stipend
* Training and leadership to facilitate inclusive dialogue between faculty, students, and staff.

Graduate Leadership in Inclusion Diversity and Equity (GLIDE) Fellowship

* + **$1,000** stipend
  + Designed to give graduate students the knowledge and practical tools to become effective change agents for diversity, equity, and inclusion in the workplace.

Global Research Assistant Program Fellowship

* + **$16,000** travel and salary stipend
  + International research and impact projects sponsored by the AS&E Career Center and Summer Scholars Program, the Office of the Provost, and Tisch College.

**2021** Tufts Urban Environmental Policy & Planning Department Tuition Scholarship

* + **$16,000** annually
  + Recognizes outstanding accomplishment and the promise of future academic work.

**2020** Omega Psi chapter of Lambda Pi Eta

* + Membership granted to students who achieve a minimum GPA of 3.25 for all communication courses.

**2019**  National Society of Collegiate Scholars (NSCS)

* + Awarded to students who sustain a GPA of 3.4 or above in their first two years of undergraduate studies.

Student Support Network (SSN) for Health Services

* + Nominated by Dr. Lori Bass; WSU’s education and training program for student peer networks designed to enhance student well-being and safety on campus.

**2017** ArtsWorcester

* + Selected as a gallery exhibitor in the Fourteenth Annual College Show.

**2016** John and Abigail Adams Scholarship

* + **10.5%** of total student charges awarded annually
  + Merit-based scholarship awarded to advanced placement in combined MCAS score that ranks in the top 25% in student’s school district.

**TEACHING & WORK EXPERIENCE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* **Victoria Kane Education** (Cambridge, MA)

*K-12 Math Tutor*

Subjects: arithmetic, pre-algebra

SEPT 2022 – Present

* **IVIES** (Seoul, South Korea - Remote)

*College Admissions Tutor*

Coaches competitive essay writing and college admission essays for Ivy and Little Ivy colleges.

DEC 2021 – Present

* **Tufts Department of Urban Environmental Policy & Planning** (Medford, MA)

*Teaching Assistant*

**Class**: UEP 0293-14 Energy Policy and Decarbonization (Fall 2022)

Co-developed syllabus and assignments with primary lecturer; co-coordinated guest speaker attendance and materials for in-class lectures; updated Canvas site with relevant course materials; provided technical support for teaching team.

**Class**: UEP-0206: Planning for Low-Impact Development (Spring 2023)

SEPT 2022 – MAY 2023

* **Girls Incorporated of Worcester** (Worcester, MA)

*Program Support Staff*

Planned and supervised age-appropriate STEM programs and activities; provided academic support to students in grades 3-7.

SEPT 2020 - FEB 2021

* **Pelham Academy** (Lexington, MA)

*Residential Counselor*

Implemented trauma-informed treatment care as prescribed by students’ clinicians.

SEPT 2019 - JUNE 2020

**OUTREACH/MENTORSHIP/LEADERSHIP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2022** Tufts StAAR Center Student Advisory Board, **Board Member**

* Collaborates with members of StAAR Center Staff to share ideas, offer advice, assist in the development of programs and initiatives, and act as a point of contact for greater student body.

MentorCollective, **Mentor**

* International online mentoring community partnering with Tufts GSAS; provides support to fellow Tufts GSAS students in their first year at Tufts.

French Cultural Society, **Volunteer**

* Program and event support volunteer (re-stocking library books, open-house staff).

**2021** Center for Study of Human Rights at WSU, **Board Member**

* Voted and discussed ways to incorporate human rights issues into the WSU curriculum and provide resources for academic research.

**2020** Amnesty International Worcester State Chapter, **President**

* Engaged in activism that promotes global human rights causes.
* Coordinated weekly meetings and monthly calendar of events; delegated responsibilities to officers as needed.
* Represented Amnesty International at University and Community functions.
* Organized community service, outreach, and engagement opportunities for members.

**2019** Worcester State University Radio (WSUR), **Host**

* Managed and hosted campus radio station; exposed students to a variety of musical artists and styles.