

Eileen F Young

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EDUCATION

Master of Science in Disaster Science and Management, University of Delaware (2019)

Thesis: Prioritevac, An Adaptive Model For Evacuation: Agent Based Simulation Of The Station Nightclub Fire

Bachelor of Science in Liberal Studies, University of Wisconsin - Whitewater (2016)

Minor in World Religions, Global Engagement Certificate.

Emergency Medical Responder, Justice Institute of British Columbia (2011)

EXPERIENCE

Nov 2017- Graduate Research Assistant. Attached to Interdependencies in Community Resilience project on NSF grant CRISP TYPE II – 1638186, an interdisciplinary research project. My role included writing, management, working with a remote and diverse group over video calls and email, and programming. Management included interviews for hiring of an undergraduate research assistant and managing undergraduate research assistants. I programmed an agent-based modeling framework to quantify group ties and reactions using NetLogo, a Java-based program-specific programming language built for agent-based modeling.

Sept. 2009-Nov. 2017 Self-employed. Freelance web contracting. I primarily set up and maintained websites and social media for small businesses. Includes work with content management systems, database management, subcontracting, HTML, branding, identity, training, technical writing, and marketing. Additionally copy- and structural editing and book layout.

AFFILIATIONS

International Association of Emergency Managers at the University of Delaware, 2017-2020

Society for Applied Anthropology, 2019

Society for the Study of Social Problems, 2019

UNIVERSITY SERVICE

1. **Graduate Student Representative** for the College of Arts and Sciences to the Graduate College Council 2019-2020.
2. **Editor** for *New Visions in Public Affairs*, the Biden School of Public Policy and Administration peer-reviewed journal. 2018-
3. **President** of the University of Delaware branch of the International Association of Emergency Managers from February 2018-January 2019. I organized speakers and events.

COMMUNITY OUTREACH

1. **Correspondent STEM Professional** in Letters to a Pre-Scientist program, which aims to demystify STEM fields, particularly in low-income schools, by facilitating correspondence between schoolchildren and STEM professionals.
2. **Moderator** on a team of 5 for 2600-member mental health forum from March 2017. I navigate competing access needs, get people resources, and resolve conflicts.
3. **Organizer** for 9 short story exchanges so far from October 2016 to December 2018. I managed deadlines and integrated information between platforms.
4. **Editor in Chief** for *Island Writer* magazine December 2010 - May 2012. Developed house stylesheet, implemented online distribution, made final selections, recruited selection panel, organized and hosted copyediting sessions, and dealt with all incoming submissions and subsequent notifications, as well as coordinating with art director, organizing print runs, and organizing and MCing launch events.
5. **Web manager** for 175-member Victoria Writers' Society Sep 2010-Dec 2012.

SCHOLARSHIP

Publications

1. (2019) 2018 Seoul Case Study Experience. *New Visions for Public Affairs*, 11, 10-12.
2. (2018) The role of public libraries in disasters. *New Visions for Public Affairs*, 10, 31-38.

Presentations

1. PrioritEvac: An Agent-Based Model (ABM) For Examining Social Factors of Building Fire Evacuation. Research Colloquium on Computational Social Science/Data Science, George Mason University. Fairfax, VA. December 6, 2019.
2. An Overview of Aspects of Emergency Management in Seychelles. Society for the Study Social Problems 2019 Annual Meeting. New York, NY. August 11, 2019.
3. Young, Eileen and Ben Aguirre. Group Loyalty in Fire Evacuation. Annual Natural Hazards Research and Applications Workshop. Broomfield, CO. July 17, 2019.

4. Social Science in Modeling Fire Evacuation. Annual Graduate Student Forum, University of Delaware. Newark, DE. April 26, 2019.
5. Fire Evacuation Modeling and Social Science. Annual Graduate Student Conference for the Sociology and Criminal Justice Department, University of Delaware. Newark, DE. April 19, 2019.
6. Young, E. and Aguirre, B. "Agent-based Modeling of Evacuation From Fire Which Incorporates Group Loyalty". Panel, Society for Applied Anthropology Annual Meeting, Portland, Oregon, March 22, 2019.
7. "Computer Modeling in the Social Science of Disasters". Lecture, Pygotham from Big Apply Py, New York, New York, October 6, 2018.