

Emma J. Thomley

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Education

Carleton College, Northfield, MN

Sep. 2016 – Jun. 2020

Bachelor of Arts in Political Science and Environmental Studies

Major(s) GPA: 3.5/4.0, Cumulative GPA: 3.3/4.0

- *Focuses:* Public Policy and Environmental Justice
- *Awards:* Distinction on Environmental Studies Thesis, Distinction in Environmental Studies Major
- *Activities:* Varsity Track and Field, Mock Trial, Jazz Choir, Food Recovery
- *Relevant coursework:* Agroecology, Carbon and Climate Systems, Natural Resources Economics, Environmental Law, Global Change Biology, Macroeconomics, Public Policy, Statistics, Policy Research Methods

Research Experience

Climate Action Plans (CAPs), Environmental Studies Thesis and Postgraduate Research

Sep. 2019 – Present

- Conducted a statistical analysis in R on climate mitigation strategies in 30 CAPs, wrote a 70-page report
- Interviewed 25 collegiate sustainability directors about CAP creation process and greenhouse gas reduction
- Reviewed papers to inform research, created a literature review, currently editing paper for publication

Planning Policy and Equity, Political Science Thesis

Jan. 2019 – May 2020

- Examined government planning documents for inclusionary strategies, compiled results in a 40-page report
- Evaluated relevant studies and literature reviews on gentrification for a comprehensive literature review

Agricultural Marketing Cooperatives, Independent Research

Sep. 2019 – Dec. 2019

- Delivered report with co-op formation recommendations based on Minnesota policy to local farmers
- Created factsheets for farmers about co-op benefits and facilitated meetings with a local nonprofit

Work Experience

Congressional Policy and Outreach Intern, Office of U.S. Senator Klobuchar, Minneapolis, MN

Aug. 2019 – Jan. 2020

- Prepared policy briefs and memos for case managers on pertinent legislation
- Connected constituents to resources, contacted federal agencies, created outreach materials
- Wrote letters of support to assist constituents with visa interviews, filed constituent information

Environmental Policy Fellow, National Science Foundation REU, Rochester, NY

May 2020 – Aug. 2020

- Surveyed 350 community members about climate policy and disaster relief measures
- Conducted statistical analysis in R on survey data using regression models
- Reviewed climate data and compiled literature reviews on research
- Communicated study results through presentations, published collaborative scientific paper: Supporting Disaster Resilience Spatial Thinking with Serious GeoGames ISPRS Int. J. Geo-Inf. 2020, 9, 405

Social Media and Grant Intern, Spokane Edible Tree Project, Spokane, WA

Sep. 2018 – Dec. 2018

- Created posts for social media pages, improved overall traffic by 20 percent
- Increased revenue by drafting and implementing proposals to pursue grants and donations
- Designed brochures and pamphlets, and outreach materials on gleaning and hunger insecurity

Research Assistant, Carleton College, Northfield, MN

May 2017 – Jun. 2020

- Maintained Excel spreadsheets on lab data, conducted analyses, presented results to professors
- Assisted local farmer with invasive species research, analyzed specimen samples

Skills

Computer Skills

Stata, R, Microsoft Excel, ESRI ArcMap, Data cleaning, analysis and visualization, Canva, Microsoft Office, WordPress

Additional Skills

Stakeholder engagement, Quantitative and qualitative research methods, Public speaking, Survey design, Written reports and briefs, Social media content

Personal Interests

Running, Board games, History podcasts, Swing-dancing, Hiking, Crosswords, Science-fiction

Leadership and Volunteer Work

Outreach Project Member Leader, Land Stewardship Project, Minneapolis, MN

Feb. 2021 – Present

- Contacting 63 organizations about soil-health legislation in the Minnesota Legislature
- Creating fact sheets, social media posts, and infographics about sustainable agriculture

Mock Trial Captain, Carleton College, Northfield, MN

Sep. 2018 – Jun. 2020

- Conducted research to write speeches for trial, presented legal arguments to judges, and interpreted case law