

Madeleine I. G. Daupp

mdaupp@mit.edu | www.madeleinedaupp.com

Professional Appointments

Sept. 1, 2020 **David E. Bell Postdoctoral Fellow**
Harvard Center for Population and Development Studies
Harvard T. H. Chan School of Public Health

Education

2016 – 2020 **Ph.D. Urban + Regional Planning**
School of Architecture + Planning
Massachusetts Institute of Technology
Dissertation: Three Essays on Residential Mobility, Housing and Health

2014 – 2016 **M.Sc. Integrated Studies in Land and Food Systems**
Faculty of Land and Food Systems
University of British Columbia - Vancouver

2009 – 2013 **B.A. Economics and Mathematics, Summa cum Laude**
Washington University in St. Louis

Peer-Reviewed Publications

2019 **Daupp MIG**, Gortmaker SL, et al. (2019). The WIC food package changes: Associations with changing trends in childhood obesity prevalence. *Pediatrics* 143(5).

2019 Velazquez CV, **Daupp MIG**, Black JL (2019). The food and beverage advertisement environment surrounding schools in Vancouver, BC: Assessing exposure from retailers. *Health & Place* 58.

2017 **Daupp MIG**, Arcaya MA (2017). The effect of health on socioeconomic status: Using instrumental variables to revisit a successful randomized controlled trial. *Economics & Human Biology* 27.

2017 Lebel A, **Daupp MIG**, et al. (2017). Quantifying the foodscape: An evaluation of the validity of commercially available business data. *PLoS ONE* 12(3).

2017 **Daupp MIG**, Black JL (2017). Assessing the validity of commercial and municipal food environment datasets in Vancouver, Canada. *Public Health Nutrition* 20(15).

2015 **Daupp MIG**, Hamilton MJ, West GB, Bettencourt LMA (2015). The mortality of companies. *Journal of the Royal Society Interface* 12(106).

2015 Flynt A, **Daupp MIG** (2015). Diet-related disease in the northeastern United States: A model-based clustering approach. *International Journal of Health Geographics* 14(1).

2015 **Daupp MIG** (2015). Prices and availability of healthy foods across St. Louis. *The American Economist*; 60(2):209-224.

Papers in Preparation

Daepf MIG, Graves EM, Arcaya MC. Gateways to opportunity? Neighborhood trajectories of Massachusetts residents (under internal review as a Federal Reserve Bank policy brief).

Daepf MIG, Ward ZJ, Craddock A, Hemenway D, Gortmaker SL. Health co-benefits of a gasoline tax: Asymmetry in the effect of changes in gasoline prices on obesity in the United States.

Daepf MIG. Valuing care: Housing price capitalization of localized disparities in healthcare access.

Daepf MIG. Housing market effects of geographic diffusion in post-disaster displacement.

Daepf MIG, Arcaya MA, and the Healthy Neighborhoods Study Consortium. The Neighborhood Migration Mapper: Bayesian hierarchical modeling of small-area moving ratios.

Selected Presentations

- 2020 **Daepf MIG**, Arcaya MC, and the Healthy Neighborhoods Consortium. The Massachusetts Migration Mapper. *Boston Area Research Initiative* [virtual].
- 2019 **Daepf MIG**, Graves EM, and Arcaya MC. Migration and mobility in the neighborhood poverty trajectories of United States residents. *Association of Collegiate Schools of Planning*: Greenville, SC.
- 2019 **Daepf MIG**. Reviving connections between public health and urban planning. *International Medical Geography Symposium*: Queenstown, NZ [virtual].
- 2018 **Daepf MIG**, Graves EM, and Arcaya MC. Neighborhood poverty trajectories of MA Residents, 2003 – 2013. *Boston Area Research Initiative*: Boston, MA.
- 2016 **Daepf MIG** and Black JL. Examining disparities in the food retail environment surrounding schools in Vancouver, BC. *APHA*: Denver, CO.
- 2016 **Daepf MIG**, Velazquez CE, and Black JL. Food retail environments and the availability of food advertisements around schools. *Canadian Association for Food Studies*: Toronto, CA
- 2015 **Daepf MIG** and Black J. The validation of food outlet databases: Implications for school food environments research. *Food Environments in Canada Symposium*: Saskatoon, CA [Poster].

Selected Awards

- 2019 **Bill Mitchell++ Fund Award** – MIT
Harold Horowitz (1951) Research Fund Award – MIT
- 2016 **NSF Graduate Research Fellowship** – U.S. National Science Foundation
Presidential Fellowship – MIT
Vanier Canada Graduate Fellowship (Declined) – Government of Canada
- 2015 **Li Tze Fong Fellowship** – University of British Columbia
EPIC Scholarship – Columbia University
- 2013 **Olin Prize for Excellence in Economics** – Washington University in St. Louis
Class Marshall – Washington University in St. Louis
Finalist for the Rhodes and Marshall Scholarships
- 2012 **Truman Scholarship** – Harry S. Truman Foundation, U.S. Federal Government
Udall Scholarship – Udall Foundation, U.S. Federal Government
- 2009 **Arnold J. Lien Full-Tuition Scholarship** – Washington University in St. Louis

Training & Workshops

2020	Microsoft Urban Futures Summer Workshop. Microsoft Research [virtual].
2019	Graduate Workshop in Computational Social Science. The Santa Fe Institute.
2015	Epidemiology and Population Health Summer Institute. Columbia University.
2013	The Principles of Complexity, Scale & Civilization II. The Santa Fe Institute.

Teaching Experience

January 2020	Co-lead, Building a Movement: The Organizer's Toolkit . MIT. Designed four workshops on community organizing for MIT undergraduates
Spring 2018 and Fall 2018	Teaching Assistant, Quantitative Reasoning . MIT. Led R programming tutorial for graduate statistics class.
Spring 2017	Co-lead, Epidemiology for Urban Planners . MIT. Developed syllabus for graduate reading group on planning and public health.
Fall 2014 to Spring 2016	Teaching Assistant, Land, Food & Community 1 . UBC. Led weekly recitation, guest lectured, and graded essays in core 1 st -year class.
Fall 2011 and Fall 2012	Teaching Assistant, Current Macroeconomic Issues . Washington University. Led recitation and graded essays for advanced writing-intensive course

Work Experience

2018 - 2020	Researcher, Harvard T.H. Chan School of Public Health . Analyzed the relationship between gasoline taxes and obesity for the Childhood Obesity Intervention Cost-Effectiveness Study (CHOICES).
2017 - 2020	Research Fellow, Federal Reserve Bank of Boston . Cleaned and analyzed consumer credit data. Wrote working paper and policy brief. Created interactive app of neighborhood migration trajectories.
Spring 2017	Clinical Student, Harvard Food Law and Policy Clinic . Interviewed experts, researched sugar-sweetened beverage taxes, and collaborated with a team of lawyers to write a Farm Bill policy platform.
2013 - 2014	Americorps VISTA, United Way of Southeastern Connecticut . Facilitated 24-person working group on food insecurity. Conducted research on the spatial distribution of food bank operations.
Summer 2013	Truman Fellow, USDA Center for Faith-Based and Neighborhood Partnerships . Analyzed trends in grant distribution; collaborated with <i>Let's Move!</i> on webinar that reached over 200 Spanish-speaking childcare providers.

Additional Information

Software	R, Stan, STATA, LaTeX, SQL, ArcGIS and QGIS Familiar with Python and SAS
Languages	Swiss German and English (bilingual) German (fluent) French (proficient)
Service	Mentor, Peer Application Support Service to support diversity (2019) Reviewer, Ph.D. applications to MIT Dept. of Urban Planning (2017) Co-Chair, Ph.D. Social Committee (2017) Member, Land & Food Systems Social Committee (2015) Website Manager, Public Health & Urban Nutrition Lab (2015 – 2016)
Reviewer	<i>Social Science & Medicine, Health & Place, Population & Environment, American Journal of Epidemiology, American Journal of Preventive Medicine, Public Health Nutrition, Journal of Urban Health, GIScience & Remote Sensing, Nutrition Journal, American Journal of Clinical Nutrition, Journal of Epidemiology & Community Health, Pediatrics</i>
