

Jessica Joy Moths

Curriculum Vitae

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Education

University of Wisconsin-Madison
Department of Urban and Regional Planning
Master of Science in Urban and Regional Planning, 2012

University of Chicago
The College, Departments of Environmental Studies and Linguistics
Bachelor of Arts with Honors, 2006-2010
Student Marshal, College Honors

Manuscripts

Moths, J. 2012. "Feasibility of Grocery Cooperatives for Improving Food Access in High-Deprivation Urban Communities: A Case Study of the Altgeld Gardens Neighborhood; Chicago, IL." Master's thesis.
http://www.jessimoths.com/documents/coops_altgeld_final.pdf.

Moths, J. 2010. "Toward a Localized Analysis of Quality Food Access on Chicago's South Side." Bachelor's thesis.
http://www.jessimoths.com/documents/moths_ba_thesis.pdf.

Forthcoming Publications

Moths, J., forthcoming. "Toward a Localized Metric for Urban Food Access." *Journal of Agriculture, Food Systems, and Community Development*.

Presentations

"Feasibility of Grocery Cooperatives for Improving Food Access in High-Deprivation Urban Communities: A Case Study of the Altgeld Gardens Neighborhood; Chicago, IL." Master's defense. http://www.jessimoths.com/documents/coop_presentation.pdf.

"Making Little Plans: A Planning Perspective on the Food Microbusiness Trend." American Planning Association Annual Meeting, 2011, Boston, MA. Poster available at http://www.jessimoths.com/documents/APA_poster_jjm.pdf.

"Toward a Localized Analysis of Quality Food Access on Chicago's South Side." Bachelor's defense. http://www.jessimoths.com/documents/BA_presentation.pdf.

Research Experience

Center for Integrated Agricultural Systems

Project Assistant, January 2012 – September 2012

Edited and added to an existing curriculum for high school students on sustainable agriculture, collected feedback from teachers employing the curriculum, and redesigned the curriculum website. Independently planned and executed regional conferences on artisanal pork production and Driftless Area agri-tourism. Created new websites for community outreach and education.

University of Wisconsin-Madison Department of Urban and Regional Planning

Independent Graduate Researcher, January 2012 – May 2012

Conducted independent research on the accuracy of food access metrics, including a corpus-wide literature review and qualitative/quantitative review of popular published metrics. Designed and undertook fieldwork on the feasibility of alternative food access solutions in a South Side Chicago underserved neighborhood, including identifying and interviewing stakeholders, performing analyses of existing food access options, and inventorying potential development resources. Composed a master's thesis and a manuscript for scholarly publication. Advisors: A. Morales, H. Jacobs.

University of Wisconsin-Madison Department of Urban and Regional Planning

Graduate Student Researcher, July 2010 – May 2011

Created, standardized, and spatially and statistically analyzed an SPSS database of New York City street vendor citations; cleaned data for use in a mapped GIS application. Advisor: A. Morales.

University of Chicago Department of Environmental Studies

Independent Senior Research Project, September 2009 – May 2010

Designed and performed three-part localized analysis of access to food purchasing outlets and healthful foods on the South Side of Chicago: one component involving GIS analysis of pedestrian and public transit access to existing stores, a second using City of Chicago records to determine tenure of food stores on the South Side, and a third employing field visits to over sixty small groceries and corner food stores in six South Side neighborhoods for a qualitative analysis of products being sold. Advisors: P. Martin, A. Bauer.

University of Chicago Department of Geophysical Sciences

Research Intern, Feeding the City Farm Research Project, January 2008 – January 2009

Studied detailed energy inputs and outputs of small, sustainable, diversified farming operations in the Chicago metropolitan area. Responsible for maintaining accurate and detailed records of farm energy use, inputs, and harvests for one farm during one growing season, as well as quantitatively and qualitatively analyzing those records (calculating yields, composing Life Cycle Analyses for durables, etc.) and preparing a final farm season report. Additionally, participated in a year-long research colloquium on agriculture and food systems, including peer and community teaching

opportunities, and performed one summer of farm tasks including selling at farmers markets. Advisor: P. Martin.

*University of Chicago Department of Linguistics
Student Researcher, Semantics Lab, June 2008 – September 2008*

As part of a larger project on the semantics of comparatives and intensifiers cross-linguistically, collected data on American Sign Language from one bilingual native speaker, performed preliminary analysis on data and undertook literature review. Advisor: C. Kennedy.

Other Experience

*Epic Systems Corporation
Software Quality Assurance, September 2012 – present*

Tested new development for and current versions of clinical electronic medical record software for functionality and usability. Additionally, took ownership of internal projects, such as documentation updates, clinician focus groups, new functionality demonstrations, and cross-application testing initiatives.

*University of Wisconsin-Madison Survey Center
Interviewer, July 2010 – January 2011*

Conducted telephone-based academic research surveys on behalf of government and university clients, ensuring quality data collection and confidentiality. Assisted in data entry of paper-based surveys for the Wisconsin Longitudinal Survey.

*University of Chicago Survey Lab
Research Assistant, July 2009 – July 2010*

Performed field-based and telephone interviews for a pilot health access study of difficult-to-contact South Side Chicago residents. Use SPSS to perform entry, cleaning, and analysis of survey data. Create deliverables for survey research clients.

*University of Chicago Department of Psychology
Research Assistant, March 2007 – April 2010*

Performed research support for a variety of projects related to speech development and gesture, including experiment design and administration, FileMaker Pro database creation and maintenance, coding of videotaped data, and Spanish transcription.

*University of Chicago Department of Linguistics
Research Assistant, June 2008 – September 2008*

Assisted the Chicago Language Modeling Lab with the development of CiteLing, a BibTeX-based bibliographic database of linguistics resources, using MySQL and PHP for database management and HTML/CSS for front-end design.

*University of Chicago Hospitals, Section of Endocrinology, Diabetes, and Metabolism
Interim Administrative Assistant/Grants Clerk, September 2006 – July 2008*

Performed secretarial duties for large medical research and clinical hospital section, including NIH grant-writing support, editing, submission assistance, and management.

Professional Skills

Technological: Mac OSX and Windows operating systems, Microsoft Office Suite (including MS Access), Adobe Creative Suite, ArcGIS Desktop 9.3/10+, qGIS, R, SPSS, QuattroPro, FileMaker Pro, PHP, MySQL, JavaScript/jQuery, HTML5/CSS3, Crystal Reports, Epic Hyperspace and Clinical Administration, MediaWiki, Ruby on Rails, iOS mobile framework, Citrix applications (GoToMeeting, GoToWebinar), VMWare View, VMWare Desktop.

Other: UI/UX/usability, software testing techniques, statistical analysis techniques, qualitative fieldwork methods, survey research design and administration, documentation improvement, grant-writing and management.

Research Interests

Urban food access, urban agriculture, urban and regional food systems, food systems planning, food systems law and policy, nutrition policy, markets and mobile vending, alternative food access systems, affordable housing, adaptive reuse, sustainable and alternative transportation, place-making.

Memberships and Organizations

Wisconsin Student Planning Association, Communications Chair (2011-2012)
University of Chicago Alumni Schools Committee, Off-Site Student Interviewer (2010 – present)

Languages

Fluent (native): English

Proficient: Spanish

Intermediate: American Sign Language

Reading knowledge: German, Georgian

References

Dr. Alfonso Morales
Assistant Professor, Department of Urban and Regional Planning
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