

Mandy Green, MPH

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Professional Experience

Oregon Public Health Division. Epidemiologist. June 2007 to present. Environmental Public Health Tracking Network and Oregon Worker Illness and Injury Prevention Program. Responsible for environmental and occupational epidemiology, surveillance, risk communication, and working with local and national partners to improve environmental and occupational health in Oregon. Created analysis plans, white papers and other publications.

Clackamas County Community Health Division. Epidemiologist. 2005 to 2007. Created geo-referenced data warehouse and interactive mapping applications for public health programs including maternal/child health, immunizations, environmental health, and STD prevention. Planned and carried out analysis with large public health data sets. Worked with state and local partners to coordinate health assessment efforts. Wrote training materials and trained staff in use of health mapping applications. Created database for communicable disease outbreak tracking. Responsible for presentations, grantwriting, analysis plans and publications.

Portland State University. Graduate Research Assistant. 2003 to 2005.

School of Community Health. Project coordination. Responsible for overseeing completion of baseline and follow-up research for community health worker project with African American and Latino participants. Edited survey instruments. Participated in hiring, training, and supervising interviewers. Created Access database for participant tracking and data management. Quantitative and qualitative data analysis, literature reviews and collaborative paper writing. Worked as part of project steering committee with diverse community members, Multnomah County's Community Capacitation Center, OHSU, and the Latino Network. Presented at local conferences. Coordinated process and outcome evaluation. Community outreach and public speaking. Experience with popular education methods.

Metro Data Resource Center. GIS/Epidemiology Sr. Research Assistant. July to October 2005.

Coordinated project start-up for Metro Data Resource Center, OHSU's Department of Public Health & Preventive Medicine, and OHSU's Department of Bone & Mineral Endocrinology study about the physical activity and health of senior men and the built environment of neighborhoods. Created geodatabase for data cleaning and management. Supervised data releases from OHSU. Cleaned address data and geocoded for multiple timepoints. Evaluated geographic data sets. Created geographic variables with spatial analysis software (ArcGIS) using Metro RLIS data and U.S. Census data. Created maps to illustrate distribution and relationships of variables. Provided clear documentation of analysis steps for methods section of publications. Used Python and AML scripts for analysis.

Metro Data Resource Center. GIS/Epidemiology Intern. April to June 2005.

Joint data analysis project for Metro Data Resource Center and OHSU's Department of Public Health & Preventive Medicine. Managed and evaluated data analysis project. Created geographic variables with spatial analysis software (ArcGIS). Geocoded addresses, analyzed various types of geographic data. Documented variables to create an analysis model. Created maps to illustrate

distribution and relationships of variables. Created geodatabase to manage and clean data set. Cleaned cross-sectional health data set. Categorized health variables and merged geographic and health data. Analyzed combined data set and created report and maps about results.

Oregon Health & Science University. Research Assistant II. February to August 2003.

Department of Public Health & Preventive Medicine. Project coordination and evaluation of NIA-funded study of senior health and neighborhood environment. Conducted 200 + neighborhood surveys involving detailed observations of built environment. Created focus group protocol. Recruitment through community outreach, organization and moderation of 10 focus groups requiring community networking and public speaking. Presentation of findings at community forums. Created Microsoft Access database for data management, data entry and participant follow-up. Volunteer training and management. Qualitative data analysis, literature reviews and collaborative paper writing.

Oregon Research Institute. Research Assistant II. 2001 to 2003.

Senior Health And Physical Exercise project: Project coordination and evaluation. Recruited and screened senior exercise study participants. Physical & mental health and physical activity assessments of participants according to specified protocols. Created and maintained accurate data files and paperwork. Interviewed and hired over 50 leaders for neighborhood walking groups. Trained leaders for data collection and study protocols. Developed Access database for data management and participant follow-up. Wrote literature reviews, proposals, and papers. Generated descriptive statistics for papers and reports. Created and edited photographs for project newsletters and promotional materials. Created project video for international conference. Recruited, organized and moderated 6 focus groups. Trained and supervised other R.A.s in data collection, data entry and data management protocols.

Tai Chi Project: Recruited, screened and assessed senior exercise study participants (n=256). Evaluated and made changes to survey design and assessment protocol. Created photo and video record of classes for use in proposals and posters. Created promotional materials, researched and selected class locations, recruited, assessed and taught participants in related pilot study of senior health and cobblestone walking. Observed and coded participant behavior. Organized and moderated 3 focus groups.

Aitchison & Vick, Inc./Labor Relations Information System. Research Assistant. 1997 to 2001.

Project coordination for design and implementation of information-gathering projects involving collaborative work with hundreds of government human resources and public safety (police & fire department) labor union professionals across the country. Survey design, data collection and follow-up. Proofread book manuscripts, newsletters and brochures, reception, scheduled meetings and travel, transcription, internet and library research, created and maintained spreadsheets, billing.

Education and Volunteer Experience

1999: Bachelor of Arts, French Language and Literature, Lewis & Clark College.

2005: Master of Public Health, Health Education/Health Promotion, Women's Health, Portland State University School of Community Health.

September 2000: Two years volunteer work with SMART, elementary school literacy program.

June 2004: Community organizing internship with Friends of Trees.

March 2005: Service on search committee for School of Community Health Director.

February 2006: Five years volunteer work with local African-American health promotion program. Web site updates. Conference planning, organization, grantwriting.

March 2007: Upstream Public Health board member. Board development, policy/media advocacy work, grantwriting, web site development.

Publications and Presentations

Rowland RM, Fisher KJ, **Green M**, et.al. (2004). Recruiting inactive adults to a neighborhood walking trial: the SHAPE project. *Journal of Aging Studies*. 18: 353-368.

Michael YL, **Green MK**, Farquhar SA. (2006 Dec). Neighborhood design and active aging. *Health & Place*. 12(4):734-40. Epub 2005 Sep 12.

Michael YL, Farquhar SA, Wiggins N, **Green MK**. (July 2007). Findings from a Community-based Participatory Prevention Research Intervention Designed to Increase Social Capital in Latino and African American Communities. *Journal of Immigrant and Minority Health*. DOI 10.1007/s10903-007-9078-2.

Dahl S, Baird G, **Green M**. (October 2007). "Using GIS to identify public water system wells located within the FEMA 100-year floodplain in Clackamas County for the purposes of emergency preparedness and response." Poster presented at the Oregon Public Health Association Annual Meeting, Corvallis, OR.

Green M, McCann P, Herron A. (May 2007). "Interactive Mapping to Increase Childhood Immunization Rates Through Provider Support: A County Health Dept Project." Presented at the Urban and Regional Information Systems Association GIS in Public Health Conference, New Orleans, LA.

Michael YL, **Green MK**, Farquhar SA, Wiggins, N. (November 2005). "Partnerships to increase social capital in diverse communities." Presented at 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.

Green M, Rios T, Waters S, Johnson M, Kemp R. (September 2005). "Sitting in different chairs: Community health workers as agents of social change." Presented at Northwest Health Foundation Community-Based Collaborative Research Conference. Portland, OR.

Green MK, Jordan J. (May 2005). "Power for Health Community Health Workers & Baseline Survey Results." Presented at Oregon MPH Program Student Symposium: Genomics & Public Health. Portland, OR.

Waters S, Loudd R, Walker J, Wiggins N, **Green M**. (September 2004). "Building bridges between communities and public health." Presented at City MatCH Annual Urban Maternal and Child Health Leadership Conference. Portland, OR.

Wiggins N, Lopez A, Waters S, Avila M, Hornbuckle L, **Green M**, Johnson D. (June 2004). "Bridging two communities - Using popular education in African American and Latino communities." Presented at Northwest Health Foundation Improving the Health of Our Communities Through Collaborative Research Conference. Portland, OR.