

## SARA L. MCLAFFERTY

Department of Geography and Geographic Information Science  
University of Illinois at Urbana-Champaign  
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### EDUCATION

1979 Ph.D., Geography, University of Iowa  
1977 M.A., Geography, University of Iowa  
1973 B.A., Geography, Barnard College, Columbia University (magna cum laude)

### PROFESSIONAL EXPERIENCE

2001-present Professor, Department of Geography & GIScience, University of Illinois at Urbana-Champaign  
▪ Department Head, 2012 - 2017  
▪ Associate Head, 2004 – 2007, 2008 - 2011  
1999-2001 Professor, Department of Geography, Hunter College, CUNY  
▪ Department Chairperson, 2000 - 2001  
1987-1998 Associate Professor, Department of Geography, Hunter College, CUNY  
1980-1987 Assistant Professor, Department of Geography, Columbia University

### HONORS

Melinda Meade Distinguished Scholarship Award, Health & Medical Geography Specialty Group, American Association of Geographers, 2015.  
Anastasia Van Burkalow Distinguished Service Award, Department of Geography, Hunter College, 2014  
Meritorious Service Award, Society of Woman Geographers, 2002.  
List of Teachers Ranked as Excellent, UIUC: Spring 2018 (GEOG 438), Fall 2014 (GEOG 570), Spring 2014 (GEOG 371), Fall 2012 (GEOG 570), Spring 2009 (GEOG 371), Fall 2006 (GEOG 479)

### PUBLICATIONS

#### Books:

D. Harrington, S. McLafferty, S. Elliott, eds. (2016) *Population Health Intervention Research: Geographical Perspectives*, Ashgate Publishing.

E. Cromley and S. McLafferty (2011). *GIS and Public Health*, 2<sup>nd</sup> edition. New York: Guilford Press, 503 pp.

J. Maantay and S. McLafferty, eds. (2011). *Geospatial Analysis and Environmental Health*. New York: Springer.

T. Brown, S. McLafferty and G. Moon, eds. (2010). *A Companion to Health and Medical Geography*. London: Blackwell.

M-P. Kwan and S. McLafferty (2009) Co-Section Editors, 'Methods' section, *International Encyclopedia in Human Geography*, Oxford: Elsevier. (Editors-In-Chief: R. Kitchen and N. Thrift)

E. Cromley and S. McLafferty (2002). *GIS and Public Health*, New York: Guilford Press, 328 pp.

I. Dyck, N Lewis, and S. McLafferty, eds, (2001) *Geographies of Women's Health*, New York: Routledge, 287 pp.

A. Ghosh and S. McLafferty (1987). *Location Strategies for Retail and Service Firms*, Lexington, MA: D.C. Heath, 213 pp.

### **Peer-Reviewed Journal Articles** (\*student advisee co-author):

Maciejewska, M., McLafferty S., Preston V. (2019) Women's changing commutes: The work trips of single mothers in the New York region, 2000-2010. *Built Environment*, in press.

Zahnd W, Sherman RL, Klonoff-Cohen H, McLafferty SL, Farner S, Rosenblatt K. (2019) Disparities in breast cancer subtypes among women in the Lower Mississippi Delta Region states, *Cancer Causes and Control*. doi: 10.1007/s10552-019-01168-0

McLafferty, S., Preston, V. (2019) Who has long commutes to low-wage jobs? Gender, race, and access to work in the New York Region. *Urban Geography*, doi: 10.1080/02723638.2019.1577091.

Zahnd, W., McLafferty S., Sherman R., Klonoff-Cohen H., Farner S., Rosenblatt K. (2019) Spatial accessibility to mammography services in the lower Mississippi Delta Region states. *Journal of Rural Health*, 1-10. doi: 10.1111/jrh.12349

Xu, L., Kwan M-P, McLafferty, S., Wang, S. (2017) Predicting demand for 311 non-emergency municipal services: An adaptive space-time kernel approach. *Applied Geography*, 89, 133-141. <https://doi.org/10.1016/j.apgeog.2017.10.012>

Zahnd, W., McLafferty, S. (2017) Contextual effects and cancer outcomes in the United States: A systematic review of characteristics in multilevel analyses. *Annals of Epidemiology*. 27(11), 739-748 e3. <http://dx.doi.org/10.1016/j.annepidem.2017.10.002>

Freeman, V., Boylan, E., Pugach, O., McLafferty, S., Tossas-Milligan, K., Watson, K., Winn, R.A. (2017) A geographic information system-based method for estimating cancer rates in non-census defined geographical areas. *Cancer Causes and Control*, DOI 10.1007/s10552-017-0941-8.

Abelt, K.\*, McLafferty, S. (2017) Green streets: Urban green and birth outcomes. *International Journal of Environmental Research and Public Health*, 14(7), 771; DOI:10.3390/ijerph14070771

Fishman, J.\*, McLafferty, S., Galanter, W. (2016) Does spatial access to primary care affect emergency department utilization for non-emergent conditions? *Health Services Research*, DOI: 10.1111/1475-6773.12617

Preston, V., McLafferty, S. (2016). Revisiting gender, race and commuting in New York. *Annals of the Association of American Geographers*. 106(2):300-310. DOI: 10.1080/00045608.2015.1113118

- McLafferty, S. (2015) Disease cluster detection methods: Recent developments and public health implications. *Annals of GIS*. DOI: 10.1080/19475683.2015.1008572
- Wang, F., Guo, D., McLafferty S. (2012) Constructing geographic areas for cancer data analysis: A case study on late-stage breast cancer risk in Illinois. *Applied Geography*, 35, 1-11.
- McLafferty, S., Widener, M.\*, Chakrabarti, R.\*, Grady, S. (2012). Ethnic density and maternal and infant health inequalities: Bangladeshi immigrant women in New York City in the 1990s. *Annals of the Association of American Geographers*. DOI:10.1080/00045608.2012.674901.
- McLafferty, S., Freeman, VL, Barrett, RA, Luo, L.\*, Shockley, A.\* (2012). Spatial error in geocoding physician location data from the AMA Physician Masterfile: Implications for spatial accessibility analysis. *Spatial & Spatiotemporal Epidemiology*, 3, 31-38.
- McLafferty, S., Wang, F., Luo, L.\*, Butler, J.\* (2011). Rural-urban inequalities in late-stage breast cancer: spatial and social dimensions of risk and access, *Environment and Planning B*, 38, 726-740.
- Cope, M.\*, McLafferty, S., Rhoads, B. (2011) Farmer attitudes toward production of perennial energy grasses in east central Illinois: Implications for community-based decision making. *Annals of the Association of American Geographers*, 101(4), 852-862.
- Luo L.\*, McLafferty, S., Wang F. (2010). Analyzing spatial aggregation error in statistical models of late-stage cancer risk: A Monte Carlo simulation approach. *International Journal of Health Geographics*, 9:51.
- Tedesco, C.\*, Ruiz, M. and McLafferty, S. (2010). Mosquito politics: Vector control policies and the spread of West Nile virus in the Chicago region. *Health and Place*, 16(6), 1188-1195.
- McLafferty, S. (2010). Placing pandemics: Geographic dimensions of vulnerability and spread. *Eurasian Geography and Economics*, 51(2), 1-19.
- McLafferty, S. and Preston, V. (2010) Quotidian geographies: Placing feminism. *Gender, Place and Culture*, 17(1): 55-60.
- Wang, F., Luo, L.\*, McLafferty, S.. (2010) Healthcare access, socioeconomic factors and late-stage cancer diagnosis: An exploratory spatial analysis and public policy implication, *International Journal of Public Policy*, 5, 2/3, 241-262..
- McLafferty, S., and Wang, F. (2009) Rural reversal? Rural-urban disparities in late-stage cancer risk in Illinois, *Cancer*, 115(12):2755-2764.
- McLafferty, S. and Chakrabarti, R.\* (2009) Locating diversity: Race, ethnicity and place in health disparities research, *GeoJournal*, 74:107-113.
- Wang, F., McLafferty, S., Escamilla, V., Luo, L.\* (2008) Late-stage breast cancer diagnosis and health care access in Illinois. *Professional Geographer* 60(1):54-69.
- Grady, S. and McLafferty, S. (2007) Segregation, nativity and health: Reproductive health inequalities for immigrant and native-born black women in New York City. *Urban Geography*, 28(4):377-397.

- McLafferty, S. (2006) Women and GIS: Geospatial technologies and feminist geographies. *Cartographica*, 40(4):37-45.
- McLafferty, S. and Grady, S.\* (2005) Immigration and geographical access to prenatal clinics in Brooklyn, NY: A geographic information systems analysis, *American Journal of Public Health*, 95(4), 638-640.
- McLafferty, S. and Grady, S.\* (2004) Prenatal care need and access: A GIS analysis. *Journal of Medical Systems*, 28(3), 321-333.
- McLafferty, S. (2004) The socialization of GIS, *Cartographica*, 39(2):51-53.
- McLafferty, S. (2003) GIS and health care, *Annual Reviews of Public Health*, 24:25-42.
- McLafferty, S. (2002) Mapping women's worlds: Knowledge, power and the bounds of GIS, *Gender, Place and Culture*, 9(3), 263-269.
- Preston, V. and McLafferty, S. (1999). Spatial mismatch research in the 1990s: Progress and potential, *Papers in Regional Science*, 78, 387-402.
- McLafferty, S. and Cromley, E. (1999). Your first mapping project on your own: From A to Z, *Journal of Public Health Management and Practice*, 5(2), 76-82.
- Childs, J., McLafferty, S., Sadek, R., Miller, G., Khan, A., DuPree, R. Advani, R., Mills, J., Glass, G. (1998), The epidemiology of rodent bite and predicting rat infestation in New York City, *American Journal of Epidemiology*, 148(1), 78-87.
- Timander, L.\* and McLafferty, S. (1998), Breast cancer in West Islip, NY: A spatial clustering analysis with covariates, *Social Science and Medicine*, 46(12), 1623-1635.
- Preston, V. McLafferty, S. and X. Liu (1998), Geographical barriers to employment for American-born and immigrant workers, *Urban Studies*, 35(3), 529-545.
- McLafferty, S. and Preston, V. (1997) Gender, race, and the determinants of commuting: New York in the 1990s, *Urban Geography*, 18(3), 192-212.
- McLafferty, S. and Preston, V. (1996). Spatial mismatch and employment in a decade of restructuring, *Professional Geographer*, 48(4), 420-430.
- Clarke, K. McLafferty, S. and Tempalski, B.\* (1996) On epidemiology and geographic information systems: A review and discussion of future directions, *Emerging Infectious Diseases*, 2(2), 85-92.
- McLafferty, S. and Tempalski, B.\* (1995). Restructuring and women's health: Implications for low birthweight in New York City, *Geoforum*, 26(3), 309-323.
- McLafferty, S. (1995). Counting for women, *Professional Geographer*, 47(4), 436-441.
- Preston, V. and McLafferty, S. (1993). Gender differences in commuting at suburban and central locations, *Canadian Journal of Regional Science*, 16(2), 1-23.

- Preston, V. and McLafferty, S. (1993). Income disparities and employment and occupational changes in New York, *Regional Studies*, 27(3), 223-235.
- Preston, V., McLafferty, S. and Hamilton, E. (1993). Impact of family status on black, white and Hispanic women's commuting, *Urban Geography*, 14(3), 228-250.
- McLafferty, S. (1992). Health and the urban environment, *Urban Geography*, 13(6), 567-576
- McLafferty, S. and Preston, V. (1992), Spatial mismatch and labor market segmentation for African-American and Latina women, *Economic Geography*, 68(4), 406-431.
- Osleeb, J. and McLafferty, S. (1992). A weighted maximal covering model to aid in Dracunculiasis eradication, *Papers in Regional Science*, 71(3), 243-257.
- McLafferty, S. and Preston, V. (1991). Gender, race and commuting among service sector workers, *Professional Geographer*, 43(1), 1-15.
- McLafferty, S. and Broe, D.\* (1990). Patient outcomes and the regional planning of coronary care services: A location-allocation approach, *Social Science and Medicine*, 30(3), 297-304.
- McLafferty, S. (1990). Health in the inner city, *Urban Geography*, 11(3), 298-307.
- McLafferty, S. (1988). Predicting the effect of hospital closure on hospital utilization patterns, *Social Science and Medicine*, 27(3), 255-262.
- McLafferty, S. (1986). The geographical restructuring of urban hospitals: Spatial dimensions of corporate strategy, *Social Science and Medicine*, 23(10), 1079-1086.
- McLafferty, S. and Ghosh, A. (1986). Multipurpose shopping and the location of retail firms, *Geographical Analysis*, 18(3), 215-226.
- Ghosh, A. and McLafferty, S. (1984). A model of consumer propensity for multipurpose shopping, *Geographical Analysis*, 16(3), 244-249.
- Craig, S., Ghosh, A. and McLafferty, S. (1984). Models of the retail location process: A review, *Journal of Retailing*, 60(1), 5-36.
- Ghosh, A. and McLafferty, S. (1984). A simulation model of spatial competition with multipurpose trips, *Modeling and Simulation*, 15.
- McLafferty, S. (1984). Constraints on distributional equity in the location of public services, *Political Geography Quarterly*, 3(1), 33-47.
- Ghosh, A. and McLafferty, S. (1982). Locating stores in uncertain environments: A scenario planning approach, *Journal of Retailing* 58(4), 5-22.
- McLafferty, S. and A. Ghosh (1982). Issues in measuring differential access to public services, *Urban Studies*, 18(4), 383-389.

McLafferty, S. (1982). Neighborhood characteristics and hospital closures: A comparison of the public, private and voluntary hospital systems, *Social Science and Medicine*, 16, 1667-1674.

McLafferty, S. (1982). Urban structure and geographical access to public services, *Annals of the Association of American Geographers*, 72(3), 347-354.

Rushton, G., McLafferty, S. and Ghosh, A. (1981). Equilibrium locations for public services: Individual preferences and social choice, *Geographical Analysis*, 13(3), 196-202.

### **Book Chapters and Non-refereed Publications**

S. McLafferty (in press) Rural-urban disparities in breast cancer: Six suppositions and future directions. In D. Berrigan and N. Berger, Eds. *Geospatial Approaches to Energy Balance and Breast Cancer*. Springer.

S. McLafferty and S. Wong\* (2018) Spatial modeling's place in health geography research: Trends, critiques, and future directions. In: V. Crooks, G. Andrews, J. Pearce, Eds. *Routledge Handbook of Health Geography*, London: Routledge, pp. 338-346.

S. McLafferty, A. Murray (2017) Regional perspectives on public health. In: R. Jackson, J. Glaeser, P. Schaeffer, Eds. *Regional Research Frontiers: The Next 50 Years*. New York: Springer.

S. McLafferty, A. Ghosh, J. Fishman\* (2016) Do international medical graduates improve spatial access to physicians? Rushton's locational analysis framework in practice. In A. Phipps, Ed. *Research Advances in Behavioral, Economic and Health Geography*, University of Windsor.

Harrington, D., McLafferty, S., Elliott, S. (2016) Introduction. In Harrington, D., McLafferty, S., Elliott, S., Eds. *Population Health Intervention Research: Geographical Perspectives*. Ashgate Publishing.

S. McLafferty (2016) Questionnaire survey research. In N. Clifford, M. Cope, T. Gillespie and G. Valentine, eds. *Key Methods in Geography*, 3<sup>rd</sup> Edition. Sage Publications.

S. McLafferty (2016) Spatial context. In *The Wiley-AAG International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. D. Richardson, Editor-in Chief. New York: Wiley-Blackwell.

S. McLafferty (2014). Spatial mismatch. *International Encyclopedia of Social and Behavioral Sciences*. Elsevier.

S. McLafferty (2013) Geographies of ethnicity and health. In *The Wiley-Blackwell Encyclopedia of Health, Illness, Behavior, and Society*. eds. W. Cockerham, R. Dingwall, and S. Quah, Wiley-Blackwell.

J. Maantay and S. McLafferty (2011). Environmental health and geospatial analysis: An overview. In *Geospatial Analysis and Environmental Health*, eds. J. Maantay & S. McLafferty, pp. 3-34, New York: Springer.

- T. Brown, S. McLafferty and G. Moon (2010). Introduction to health and medical geography. In T. Brown, S. McLafferty & G. Moon, eds. *A Companion to Health and Medical Geography*, pp. 1-11, Malden, MA: Wiley-Blackwell.
- S. McLafferty (2010) Geography of health and health care. In *Encyclopedia of Geography*, B. Warf, ed. Sage Publications.
- L. Mu, F. Wang, and S. McLafferty (2010). Analyzing spatial patterns of late-stage breast cancer in Chicago region: A modified scale-space clustering approach. In *Geospatial Analysis and Modeling of Urban Structure and Dynamics*, B. Jiang and X. Yao. eds. Dordrecht, the Netherlands: Springer Science+Business Media B.V.
- S. McLafferty (2009) Placing substance use: Geographical perspectives on substance use and addiction. In D. Richardson, Y. Thomas and I. Cheung, eds. *Geography and Drug Addiction*. Springer
- S. McLafferty (2005) Geographic information and women's empowerment: A breast cancer example. In L. Nelson and J. Seager, eds. *A Companion to Feminist Geography*, Oxford: Blackwell.
- S. McLafferty and V. Preston (2004) Poverty and geographical access to employment: Minority women in America's inner cities, In D. Janelle, K. Hansen and B. Warf, eds. *LandMinds: 100 Geographic Solutions to Saving Planet Earth*.
- D. Williamson\*, S. McLafferty, P. McGuire, T. Ross, J. Mollenkopf, V. Goldsmith and S. Quinn (2001) Tools in the spatial analysis of crime. In A. Hirschfield and K. Bowers, eds, *Mapping and Analysing Crime Data: Lessons from Research and Practice*, London: Taylor& Francis, 187-202.
- I. Dyck, N. Lewis and S. McLafferty (2001) Why geographies of women's health? In I. Dyck, N. Lewis and S. McLafferty, eds, *Geographies of Women's Health*, London: Routledge, 1-20.
- S. McLafferty, D. Williamson\* and P. McGuire (2000) Identifying high-crime areas using kernel estimation, In V. Goldsmith, P. McGuire, J. Mollenkopf and T. Ross, eds, *Identifying Crime Patterns: Frontiers of Practice*, Thousand Oaks, CA: Sage Publications, pp. 77-86.
- D. Williamson\*, T. Ross, S. McLafferty and V. Goldsmith (2000) Evaluating statistical software for analyzing crime patterns and tools, In V. Goldsmith, P. McGuire, J. Mollenkopf and T. Ross, eds, *Identifying Crime Patterns: Frontiers of Practice*, Thousand Oaks, CA: Sage Publications, pp. 169-178.
- D. Williamson\*, S. McLafferty, V. Goldsmith, J. Mollenkopf and P. McGuire (1999) A better method to smooth crime incident data, *ArcUser*, 2(1), 24-27.
- B. Tempalski\* and S. McLafferty, Low birthweight in New York City: Using a GIS to predict communities at risk, *GeoInfo Systems*, June, 1997.
- S. McLafferty and V. Preston, Transportation and minority women's employment: Insights from New York, *Proceedings of the Second National Conference on Women's Travel Issues*, Baltimore, 1996, edited by Sandra Rosenbloom.

A. Ghosh, S. McLafferty and S. Craig, Location-allocation models for designing multifacility retail networks, In Z. Drezner, ed. *Facility Location: A Survey of Applications and Methods*, Springer Verlag, 1995, 301-330.

I. Johnston-Anumonwo, S. McLafferty and V. Preston, Gender, race and the spatial context of women's employment, In J. Garber and R. Turner, eds. *Gender in Urban Research*, Newbury Park, CA: Sage, 1994.

V. Preston and S. McLafferty, Gender and employment in service industries: A comparison of two cities, In F. Frisken, ed. *The Changing Canadian Metropolis*, Toronto: The Canadian Urban Institute, 1994.

S. McLafferty and A. Ghosh, Environmental change, competitive strength and market structure: The case of hospital services in New York City, In A. Ghosh and C. Ingene, Eds., *Spatial Analysis in Marketing: Theory, Methods and Applications*. Greenwich, CT: JAI Press, 1991.

S. McLafferty, The politics of privatization: State and local politics and the restructuring of hospitals in New York, In J. Scarpaci, ed. *Health Services Privatization In Industrialized Societies*, New Brunswick: Rutgers University Press, 1989.

S. McLafferty and A. Ghosh, Optimal location and allocation with multipurpose trips, In A. Ghosh and G. Rushton, eds., *Spatial Analysis and Location-Allocation Modelling*, New York: van Nostrand Press, 1987, 55-75.

A. Ghosh and S. McLafferty, Shopping behavior and optimal store locations in multipurpose trip environments, In L. Pellegrini and S. Reddy, eds., *Marketing Channels: Relationships and Performance*, Lexington: Lexington Books, 1986.

G. Rushton and S. McLafferty, Locational analysis for child welfare, In J. Craft and W. Theissen, eds., *Planning for Child Welfare Services*, Springfield: Charles Thomas Publishers, 1980, 128-142.

**Book Reviews** (have appeared in)

*American Journal of Human Biology*  
*Annals of the Association of American Geographers*  
*Annals of Regional Science*  
*Canadian Geographer*  
*Economic Geography*  
*Geographical Review*  
*Health and Place*  
*Journal of Physical Anthropology*  
*Professional Geographer*  
*Progress in Human Geography*  
*Social Science and Medicine*

**GRANTS (since 2000):**

Robert Wood Johnson Foundation. Research Fellows grant for Ph.D. student, Arrianna Coleman Planey, 2017-2021. (\$120,000)



University of Illinois, Campus Research Board. The socio-spatial ecology of the bed bug (*Cimex lectularius*) and its control. D. Schneider and S. McLafferty, co-investigators. (\$25,000)

National Science Foundation, EAGER program, "CISSDA: A Unified Cyberinfrastructure Framework for Scalable Spatiotemporal Data Analytics.", S. Wang, Principal Investigator, S. McLafferty, Co-investigator. 2014-2016 (\$300,000)

National Institutes of Health, "Geospatial Frontiers in Health and Social Environments," Principal Investigator, Douglas Richardson; S. McLafferty, Co-Investigator. Awarded to AAG for a set of conferences on GIS and Health. 2012 – 2014 (\$100,000).

American Cancer Society, "The Chicago Prostate and Colorectal Cancer Study", P.I. Vincent Freeman, S. McLafferty, Co-Investigator. 2010- 2014 (UIUC portion, \$134,000)

Research in Community Informatics, University of Illinois. "Participatory GIS in the Upper Sangamon Watershed: Geovisualization, Collective Decision-making and Environmental Governance" (with M. Cope and B. Rhoads). 2009-2010 \$15,550

National Institutes of Health, "Late-Stage Cancer Clusters and Health Care Access" with F. Wang (Northern Illinois University), 2005-2007. (UIUC portion, \$113,768)

Department of Housing and Urban Development, "The Impact of CCTV on Crime in Public Housing: An Application of GIS and Spatial Statistics" with J. Mollenkopf and V. Goldsmith, 2000-2001 (\$127,000)

## **PROFESSIONAL SERVICE**

### **Appointments and Committees:**

Strategic Planning Committee, Association of American Geographers, 2013-15  
National Academy of Sciences, Committee on Geography, 2002 - 2003  
National Academy of Sciences, Committee on the Status of Geographic Research at the USGS, 2001  
Local arrangements committee, Annual meeting of the AAG, New York, 2001  
National Counsellor, Association of American Geographers, 1995 - 1998  
National Academy of Sciences, Mapping Sciences Committee, 1994 - 1997  
National Science Foundation, Task Force on Infrastructure, Spring, 1993  
Society of Woman Geographers, NY Group, Fellowship Chairperson, 1990 – 2001  
Medical Geography Specialty Group, Board Member, 1986-1989

### **Editorial Appointments:**

Associate Editor, *Health and Place*, 2009 – present  
Editorial Board, *Annals of GIS*, 2014 -- present  
Editorial Board, *Spatial and Spatiotemporal Epidemiology*, 2010 - present  
Editorial Board, *Annals of the Association of American Geographers*, 2006 - 2014  
Editorial Board, *Transactions in GIS*, 2006 - 2011  
Editorial Board, *Geographical Analysis*, 2003 - present  
Editorial Board, *Health and Place*, 1994 - 2009  
Editorial Board, *Economic Geography*, 1996 - 2006.

Editorial Board, *Professional Geographer*, 1991 - 1997.

**Manuscript Reviewer for:**

<i>Annals of the AAG</i>	<i>Intl J Sustainable Transportation</i>
<i>Applied Geographic Studies</i>	<i>Journal of Amer. Public Health Assoc.</i>
<i>Applied Spatial Analysis &amp; Policy</i>	<i>Journal of Geographical Systems</i>
<i>British Medical Journal</i>	<i>Journal of Regional Science</i>
<i>Cambridge J. Regions, Economy &amp; Society</i>	<i>Journal of Retailing</i>
<i>Canadian Geographer</i>	<i>Milbank Memorial Fund Quarterly</i>
<i>Canadian J Aging</i>	<i>New Zealand Geographer</i>
<i>Cartographica</i>	<i>Papers in Regional Science</i>
<i>Computers and GIS</i>	<i>Pediatrics</i>
<i>Computers, Environment, Urban Sys</i>	<i>Population, Space and Place</i>
<i>Economic Geography</i>	<i>Professional Geographer</i>
<i>Emerging Infectious Diseases</i>	<i>Progress in Human Geography</i>
<i>Environment and Planning A</i>	<i>Royal Geogr Society Journal</i>
<i>Environment and Planning B</i>	<i>Social and Cultural Geography</i>
<i>Environment and Planning C</i>	<i>Social &amp; Spatiotemporal Epidemiology</i>
<i>Environment and Planning D</i>	<i>Social Science and Medicine</i>
<i>European Journal of Operations Research</i>	<i>Socioeconomic Planning Sciences</i>
<i>Feminist Economics</i>	<i>Sociological Quarterly</i>
<i>Fennia</i>	<i>Southeastern Geographer</i>
<i>Gender, Place and Culture</i>	<i>Statistics in Medicine</i>
<i>Geographical Analysis</i>	<i>Transactions in GIS</i>
<i>Growth and Change</i>	<i>Transactions, Inst. of British Geographers</i>
<i>Health and Place</i>	<i>Urban Affairs</i>
<i>Health Services Research</i>	<i>Urban Geography</i>
<i>International Journal of GIS</i>	<i>Urban Studies</i>
<i>Intl J Health Geographics</i>	<i>Urban Affairs Quarterly</i>

**Expert Reviewer:**

Alberta Heritage Foundation for Medical Research  
British Academy  
Canada Research Council  
Medical Research Council, United Kingdom  
National Institutes of Health  
National Science Foundation, Geography and Regional Science Division.  
National Science Foundation, Decision Sciences Division.  
Netherlands Organization for Scientific Research  
Research Grants Council of Hong Kong  
Social Sciences and Humanities Research Council of Canada

**Review Panels:**

National Science Foundation and NIH, joint grant review panel, 2019  
National Institutes of Health, Member of the Social Sciences & Population Studies B Study Section, 2014- 2018

National Institutes of Health, grant review panels, Social & Economic Sciences section, 2005-2011.  
 National Institutes of Health, grant review panel, Small Business and Technology section, July 2004, April 2014  
 National Science Foundation, Dissertation Panel, Geography and Regional Science, 2003-2004  
 National Institutes of Health, Cancer mapping, grant review panels, 2001-2002  
 National Science Foundation, Review Panel, Geography, 1991-1993  
 Society of Woman Geographers, National Fellowship committee, 2003 – 2007, 2012 - 2013  
 Association of American Geographers, Research Grants committee, 1996 - 1998  
 Jacques May prize committee, Medical Geography Specialty Group, 1990-92, 1996, 1999  
 Dissertation prize committee, Geographic Perspectives on Women Specialty Group, 1994  
 Nystrom Awards Committee, AAG, 1989 and 1990

**Promotion and Tenure Reviews:**

Arizona State University	University of Arizona
Binghamton University	University of Auckland
City University of New York – Lehman College	University of British Columbia
City University of New York – Hunter College	University of California at Los Angeles
Clark University	University of California at San Diego
Dartmouth University	University of California at Santa Barbara
Florida State University	University of Chicago
Georgia State University	University of Connecticut
Harvard University	University of Iowa
Hong Kong University	University of Miami
Indiana University-Purdue University at Indianapolis	University of Memphis
Johns Hopkins University	University of Minnesota
Kent State University	University of Missouri
Louisiana State University	University of North Carolina at Chapel Hill
McGill University	University of North Carolina at Charlotte
McMaster University	University of North Texas
Middlebury College	University of Southampton
National Taiwan University	University of South Florida
Ohio State University	University of Southern California
Penn State University	University of Texas at El Paso
Rutgers University	University of Texas Health Science Center
State University of New York at Cortland	University of Toronto
Temple University	University of Utah
Trent University	University of Vermont
University at Buffalo	University of Washington
University College, London	University of Wisconsin
University of Alberta	University of Wisconsin-Milwaukee

**Program Reviews:** University of California at Santa Barbara (2016), University of Wisconsin-Milwaukee (2015), University of Toronto at Missisauga (2015), Arizona State University (2011), University of Arizona (2007), University of Wisconsin at Milwaukee (2004), McMaster University (2009), Indiana University-Purdue University at Indianapolis (2009)

**Program Consultant:** Augustana College (2013)

## **COLLEGE/UNIVERSITY SERVICE:**

### **University of Illinois:**

Member, search committee, College of Liberal Arts & Sciences  
Chair, search committee, Department Head, Department of Urban and Regional Planning, 2017  
Member, search committee, Associate Dean positions, College of Liberal Arts & Sciences, 2017  
Member, search committee, Director of the School of Architecture, 2016-17  
Chair, search committee, Director of ATLAS (Applied Technologies for Learning in the Arts and Sciences), 2015  
Chair, review committee, Cline Center for Democracy, College of Liberal Arts & Sciences, 2015  
STAR committee, College of Liberal Arts and Sciences, 2014 - 2016  
Provost's Council of Unit Executive Officers, 2013 - 2015  
Department of Geography & GIS, Department Head, 2012 - 2017  
Department of Geography, Associate Head, 2004 – 2007, 2008-2011  
Department of Geography, Director of Graduate Studies, 2004-2007, 2008 - 2011  
Department of Geography, advisory committee, 2001- 2005, 2007-2008, 2011, 2017-  
Department of Geography, faculty mentoring committees, 2001- present  
Department of Geography, tenure and promotion committees, chair, 2005, 2008, 2010, 2011  
Department of Geography, GIS program, chair, 2002 – 2004  
Department of Geography, GIS laboratory committee  
Department of Geography, search committees, 2001, 2004, 2006, 2008, 2010  
College of LAS, Committee on Admissions and Academic Standards, 2004–2006  
College of LAS, Committee on Committees, 2010 - 2011  
Graduate College, Career Advisory Committee, 2005 – 2008  
University of Illinois at Urbana-Champaign, Committee on Conduct Governance, 2006 -2008

### **Hunter College:**

Chairperson, Department of Geography, Hunter College, 2000-2001  
Graduate Advisor, Geography M.A. Program, 1988 - 91, 1992 - 96, 1997 - 2000  
Hunter College, Presidential Awards committee, 1995 - 97  
Hunter College, Middle States Review committee, Task Force on Graduate Education, 1996 - 97  
Hunter College, Faculty Development Seminar on AIDS, Spring, 1990.  
Hunter College, Div. of Mathematics and Sciences, Curriculum Committee  
Hunter College Senate, representative from Geography Department, 1990-1995

## **MEDIA INTERVIEWS**

“Rural-Urban Disparities in Late-Stage Cancer in Illinois,” NPR, Chicago, 2010  
“Mapping for Public Health” Interview for article in New Scientist magazine. October 2014.

## **PRESENTATIONS, 2000-present**

Mapping Women's Worlds: Knowledge, Power and the Bounds of GIS. Annual meeting of the Association of American Geographers, Pittsburgh, April 2000.  
Spacing Out or Scaling Down? Theory and Practice in Health/Medical Geography in the U.S., 9<sup>th</sup> International Symposium in Medical Geography, Montreal, July 2000.  
Impacts of CCTV on Crime in Public Housing: An Application of GIS and Spatial Statistics, Annual meeting, American Society of Criminology, San Francisco, November 2000. (with D. Williamson)  
Health Inequalities and Social Transformations in a Global City: New York in the 1990s, Annual meeting of the Association of American Geographers, Los Angeles, March 2002.

Racial and Ethnic Disparities in Health and Access to Health Care in the United States. Keynote address, Applied Geography Conference, Binghamton, NY, October 2002.

Geographic Information and Community Health: Critical insights from a Breast Cancer GIS, Invited presentation, Ohio State University, Department of Geography, November 2002.

Race, Place and Geographical Access to Health Care, Annual meeting of the Association of American Geographers, New Orleans, March 2003.

Analyzing Geographical Access to Health Care, Invited presentation, Workshop on Accessibility in Space and Time, Center for Spatially Integrated Social Science (CSISS), Columbus, OH, July 2003.

GIS and Women's Health: Critical Insights from a Breast Cancer GIS, Invited presentation, Department of Geography, Northern Illinois University, DeKalb, IL, September 2003.

Health Inequalities in a 'Mobile' City: Women's Health and Migration in New York City. Annual meeting of the Association of American Geographers, Philadelphia, March 2004

GIS and Vector-borne Disease, Invited presentation, School of Public Health, State University of NY at Albany, Albany, NY, March 2004.

Health Inequalities in a Global City: Socio-spatial Transformations and Women's Health in New York City, Annual Kohn Lecture, Department of Geography, University of Iowa, Iowa City, IA, April, 2004

Development of New Urban Health Indicators: Methods and Models for Analyzing Urban Health, Keynote address, Conference on Urban Health, Boston, MA, October, 2004.

Exploring Geographical Influences on Health and Access to Health Care, Invited lecture, School of Public Health, University of Alabama at Birmingham, January 2005.

Analyzing Why Health Inequalities Change: A Space-Time Decomposition Approach, paper presented at the Annual Meeting of the Association of American Geographers, Denver, April 2005.

Analyzing Why Health Inequalities Change Invited presentation, Center for Children's Environmental Health, Columbia University, School of Public Health, June 2005.

Mapping Health and Access to Health Care, Invited presentation, Workshop on GIS and Public Health, International Symposium in Medical Geography, Fort Worth, TX, July 5, 2005.

Prenatal Health Policy in a Neoliberal Era: Implications for Reproductive Health in Poverty Neighborhoods in Brooklyn, NY, International Symposium in Medical Geography, Fort Worth, TX, July 7, 2005.

Spatial Perspectives on Health and Social Issues, SPACE Workshop, Ohio State University, Columbus, OH, July 13, 2005.

Geography and Health. Opening keynote address, NIDA/AAG Symposium on Geography and Drug Addiction, Chicago, March, 2006.

Late-stage Cancer Clusters and Healthcare Access. Paper presented at the Annual Meeting of the Association of American Geographers, Chicago, March 2006. (with F. Wang, V. Escamilla, L. Luo)

Health Inequalities in a Global City: Socio-spatial Transformations and Women's Health. Invited presentation, Northern Illinois University, March 2006.

Spatial Perspectives on Health, Invited presentation, SPACE workshop, Ohio State University, Columbus, OH, July 2006.

Understanding Why Health Inequalities Change: Place, Population and Women's Health in New York City Invited presentation, Department of Geography, University of Maryland, October 2006.

Cancer Disparities in Illinois: Exploring Multilevel Determinants of Late-Stage Diagnosis. Paper presented at the Annual Meeting of the AAG, San Francisco, April 2007. with F. Wang

Health, Place and Ethnicity: Exploring the Ethnic Density Hypothesis for Bangladeshi Immigrant Women. Paper presented at the Annual Meeting of the AAG, San Francisco, April 2007. with M. Widener, R. Chakrabarti and S. Grady.

Spatial Perspectives on Health. Invited presentation, SPACE workshop, Ohio State University, Columbus, OH, June 2007.

Health, Place and Ethnicity: Ethnic Density and Reproductive Health for Immigrant Women. Paper presented at the International Symposium in Medical Geography, Bonn, Germany, July 2007.

GIS and Community Health Assessment: Exploring Health Disparities, Invited presentation, Centers for Disease Control Annual Health Assessment Conference, Atlanta, August 2007.

GIS and Spatial Analysis: New Tools for Analyzing Health Disparities, Invited presentation, Department of Psychology, Community Psychology program, UIUC, September 2007.

Mixing it Up: A Mixed Methods Approach to Understanding Immigrant Women's Health, Invited presentation, Kansas State University, December 1, 2007.

Immigrant Reproductive Health Disparities: A GIS Analysis, Invited presentation (webcast), Data Speak series sponsored by the Maternal and Child Health Division of the U.S. Department of Health and Human Services, Feb. 20, 2008.

GIS and Drug Abuse: Contributions and Challenges. Paper presented at the Annual meeting of the AAG, Boston, April 2008.

Immigrant Health Inequalities: Socio-spatial Dimensions of Difference paper presented at the Annual Meeting of the AAG, Boston, April 2008.

Locating Urban Health Inequalities: Place, Immigration and Women's Health in New York City, Invited presentation, Department of Geography, SUNY at Buffalo, November 2008.

Locating Diversity: Place, Immigration and Women's Health Inequalities in U.S. Cities. James O. Wheeler Lecture in Urban Geography, University of Georgia, February 2009.

Locating Health Inequalities: Place, Immigration and Women's Health in New York City, Invited presentation, Department of Geography, Dartmouth University, February 2009.

Rural Reversal? Rural-Urban Disparities in Late-Stage Cancer Risk, paper presented at the Annual meeting of the AAG, Las Vegas, March 2009. (with F. Wang)

GIS as a Tool for Community Environmentalism Community Informatics Initiative Research Series, University of Illinois, April 2009. (M. Cope, S. McLafferty & B. Rhoads)

Income Polarization and Health Inequalities: New York City in the 1990s. International Symposium in Medical Geography, Hamilton, Ontario, July 2009.

Locating Diversity: Place, Immigration and Women's Health Inequalities in U.S. Cities. Harold Mayer Lecture in Urban Geography, University of Wisconsin at Milwaukee, October 2009.

Spatial Data and Environmental Health Research Invited presentation, Committee on GIS and Health, US Geological Survey, December 2009.

Placing Immigrant Health Disparities: GIS Analysis of Immigrant Women's Health in New York City. Invited Lecture, University of Denver, January, 2010.

Income Polarization and Health inequalities: New York City in the 1990s. Association of American Geographers, Washington, DC, April 2010.

Placing Immigrant Health Disparities: GIS Analysis of Immigrant Women's Health in New York City. Invited Lecture, Northern Illinois University, September 2010.

Modeling Geocoding Error in Analyzing Spatial Accessibility to Primary Care Physicians . Association of American Geographers Annual Meeting, Seattle, April 2011.

Micro Political Economies of Health Care in the U.S.: Place, Networks and Vertical Integration. International Symposium in Medical Geography, Durham, UK, July 2011.

Spatial Targeting of Interventions to Improve Immigrant Maternal and Infant Health: Spatial Analysis Solutions and Challenges. Invited presentation, GEOMED conference, Victoria, Canada, October 2011.

Situating Access: Political and Economic Geographies of Service Delivery and Access to Care. Association of American Geographers Annual Meeting, New York, February 2012. (with Alisa Shockley)

Space and Time in the Current Landscape of Geography and Health Research. Invited presentation, AAG-NIH Symposium on Spatiotemporal Analysis for Health Research. Washington DC, April 2012

Geographic Foundations of Public Health Intervention to Improve Maternal and Infant Health: GIS Solutions and Challenges, Centers for Disease Control, GIS Day Keynote Presentation, Atlanta GA, Nov. 2012,

Spatial Analysis, Place-Based Strategies and Maternal and Child Health Inequalities, Invited presentation, Maternal and Child Health Epidemiology conference, San Antonio, Dec. 2012.

Beyond Spatial Targeting: Geographic Foundations of Public Health Policy. Invited presentation, University of North Carolina, Jan 2013.

Beyond Spatial Targeting: Geographic Foundations of Public Health Policy. Association of American Geographers, Annual meeting, Los Angeles, April 2013.

Increasing Centralization of Primary Care Physicians in Metropolitan Chicago: Implications for Inequalities in Spatial Access to Care. International Medical Geography Symposium, East Lansing, MI, July 2013 (with Joe Simanis).

Filling the Gaps? Locational Analysis of Internationally-trained Primary Care Physicians. Association of American Geographers, Annual Meeting, Tampa, April 2014. (with Jamie Fishman and Avijit Ghosh)

Beyond Spatial Targeting: Geographic Foundations for Public Health Policy, Keynote presentation, Symposium on Fostering International Geospatial Health Research Collaborations: Challenges and Opportunities. Hong Kong, June 2014

Healthcare Access, SES, and Late-Stage Cancer Diagnosis: Public Policy Implications. Invited lecture, Iowa Cancer Summit, Des Moines, October, 2014.

Centralization and Spatial Transformation of Primary Health Care Access: Trends in Metropolitan Chicago. Invited lecture, Department of Geography, Northern Illinois University, February, 2015.

Centralization and Spatial Transformation of Primary Health Care Access: Trends in Metropolitan Chicago. Annual Pruitt Lecture, Department of Geography and Anthropology, Louisiana State University, March, 2015.

Geographies of Advantage: Gender, Race, and Access to Work in a Neoliberal Era. Association of American Geographers annual meeting, Chicago, April 2015. (with Valerie Preston and Jamie Fishman)

Spatial and Social Access to Health Care. Invited presentation, University of Illinois College of Medicine, October, 2015.

Political Ecologies of Health Care in the U.S.: The Affordable Care Act and Beyond. Melinda Meade Award lecture, American Association of Geographers, Annual meeting, San Francisco, April 2016.

Placing Health and Health Care Inequalities. Invited presentation, Lindau Lab, University of Chicago, January 2017.

GIS in Public Health Research and Policy: Past, Present and Future. Keynote address, CUNY GIS Summit, March, 2017.

Placing Bed Bug Reports: Spatial and Socioeconomic Uncertainties in Bed Bug “Big Bata”. American Association of Geographers, Annual Meeting, Boston, 2017. (with K. Abelt and D. Schneider)

Rural-Urban Definitions in Health Research. Panel presentation, American Association of Geographers, Annual meeting, Boston, 2017.

Placing Bed Bug Reports: Spatial and socioeconomic uncertainties in bed bug “big data”. International Symposium in Medical Geography, Angers, France, 2017. (with K. Abelt and D. Schneider)

Constructing Geographic Areas for Cancer data analysis. Invited presentation, Social Sciences Club, Urbana, IL, Nov. 2017.

Spaces of Segregation and Health: Complex Associations for Black Immigrant Mothers in New York City. Invited presentation, Brown University, Population Studies & Training Center, March 2018.

Residential Segregation and Health: Complex Associations for Black Immigrant Mothers in New York City. American Association of Geographers, Annual meeting, New Orleans, April 2018.

Spaces of Segregation and Health: Complex Associations for Black Immigrant Mothers in New York City. Invited presentation, York University (Canada), Department of Geography, September 2018

Health Risk and the Rent Gap: Changing Birth Outcomes for Low-income Women in Gentrifying Neighborhoods. American Association of Geographers, Annual meeting, Washington DC, April 2019.