

VITA

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Education

1989: Ph.D. Department of Geography, University of Georgia, Athens, GA.
Dissertation: Spatial and Temporal Models of Foreign Direct Investment in the United States

1989: Certificate in Global Policy Studies, University of Georgia, Athens, GA.

1985: M.S. Department of Geography and Geology, University of Southern Mississippi, Hattiesburg, MS.

1983: B.Sc. (Honors with Economics and Political Science as minors), Department of Geography, Lady Brabourne College, Calcutta University, Calcutta, India

Employment

2001-Present: Professor of Geography, University at Buffalo-State University of New York (UB).

2018-Present: Professor of Global Gender and Sexuality Studies, UB. [25%]

2010-2016: Chair, Department of Geography, UB.

2009-2013: Visiting Professor, Visiting Professor Programme, School of Business, Economics and Law, University of Gothenburg, Sweden.

2004 (summer): Visiting Faculty, Indian Institute of Management-Joka, Calcutta, India.

1996-2001: Associate Professor, Department of Geography, University at Buffalo

1993-1996: Assistant Professor, Department of Geography, University at Buffalo

1989-1993: Assistant Professor, Department of Geography, Michigan State University

Professional and Academic Honors

2020: Keynote Speaker, 23rd Uddevalla Symposium, a joint event co-organized with European Regional Science Association, June 11-13, 2020, Sweden.

2017: Fellow, The Academy of Social Sciences, National Academy of Academics, Learned Societies and Practitioners in the Social Sciences, United Kingdom.

2013-2014: Excellence in Graduate Student Mentoring Award, Graduate School, University at Buffalo.

2006-2007: Fellow, American Council on Education (ACE). Placement: University of California-Los Angeles, Chancellor's Office. *The ACE fellows program provided an opportunity to study and learn the factors and processes that go into making the best possible decisions for a university. It enhanced my perspectives on a wide range of issues including leadership and institutional change; stewardship; collaboration and teamwork; budgeting, resource allocation and financial management; academic programs and policies, including faculty, curricular, and student issues; technology planning; diversity on campus; conflict management; personal and interpersonal dimensions of leadership; and higher education policy in an international, national, and local context.*

2005-2006: Fellow, Faculty in Leadership Program, University at Buffalo. Placement: Office of the President, UB.

2004 (February): Astor Visiting Fellow, Oxford University, UK. Sponsor: Professor Gordon Clark, Head, School of Geography, Oxford University.

1991-1992: Lilly Endowment Teaching Fellowship, Michigan State University. Project: Global to Local Perspectives in Urban Geography.

1994: Travel Grant from the U.S. National Committee for the International Geographic Union, Washington, D.C., to attend the IGU conference in Prague, Czechoslovakia, August 22-27.

1983: First Class First, Gold Medalist, B.Sc. Honours (Geography), Calcutta University, India.

1977, 1979: National Scholarship, Government of India.

Grant Support

2017-2018: Global Health Equity, UB Communities of Excellence. Multi-Scalar Analysis of Household Fuel Transitions: Developing an Evidence-Based Framework. \$50,000. John Atkinson (Environmental Engineering), Sharmistha Bagchi-Sen (Geography), Sharon Hewner (Nursing), Elena McLean (Political Science), Julia Ravenscroft (Epidemiology and Environmental Health), Alexandra Schindel (Education)

2016-Present: Humanities Institute, UB. City and Society Research Workshop (C. Nightingale, Transnational Studies and Nicholas Lustig, Geography). \$2,200 (renewable).

2013-2015: National Science Foundation. An Analysis of Innovation and Performance in U.S. Biofuel Firms: Implications for the Biofuel Technological Innovation System. Program: Geography and Spatial Sciences. (co-PI: Peter Kedron). \$160,000

2013: Weinberg Campus, Town Square for Aging. Evaluation of the Town Square for Aging: A Research Planning Proposal. Davina Porock (Nursing), S. Bagchi-Sen, and Sharon Hewner (Nursing). \$30,000 (August 1-December 31)

2009-2012: National Science Foundation. Online Privacy and Senior Citizens: A Socio-Technical Multi-Perspective Framework for Trustworthy Operations. Program: Trustworthy Computing. Division of Information and Intelligent Systems. Co-PIs: H. Raghav Rao (Management), S. Bagchi-Sen (Geography), and S. Upadhyaya (Computer Science). \$454,771

2006-2008: National Science Foundation. Collaborative Research: Data-Driven Analysis of Interdisciplinary Research Teams. Division of Behavioral and Cognitive Sciences. Program: Dynamics of Human Behavior. Co-PIs: Debra Street (Sociology), S. Bagchi-Sen (Geography), M. Farrell (Sociology) from the University at Buffalo; Lisa Freeman (Veterinary Medicine), Abbey Nutsch and Justin Kastner (Food Safety & Security), Kansas State University. University at Buffalo funding: \$79,969

2006-2007: UB 2020 Interdisciplinary Research Development Fund (IRDF). The Health Buzz: A Spatio-Temporal Analysis of Food Consumption. M. Trivedi (Marketing), S. Bagchi-Sen (Geography), M. Trevisan (Public Health), and J. Freudenheim (Public Health). \$21,500

2004-2006: National Science Foundation. Women and Cyber Security: Gendered Tasks and Inequitable Outcomes. Co-PIs: H. Raghav Rao (Management), S. Bagchi-Sen (Geography), and S. Upadhyaya (Computer Science). Division: Computer and Network Systems, Program: Workforce. \$297,000

2001-2004: National Science Foundation. The Role of R&D Alliances in Innovation: A Study of the Biotechnology Industry. Division: Anthropological and Geographic Sciences, Program: Geography and Regional Science. \$119,000

2001: The Canadian Embassy. University-Industry Links in Biotechnology Industry: An Analysis of the Role of Collaboration in Innovation. \$8,500

1998: National Science Foundation. Doctoral Dissertation Research Support for Linda Hall. Collaboration and Innovation in Dedicated Biotechnology Firms in the United States. \$7,782

1997-onward: The Baldy Center for Law and Social Policy, Law School, University at Buffalo
Labor Market Analysis \$1500, \$1,980 (1997, 1998-1999)
Migration in Information-Intensive Work \$1100 (1999-2000)

Technology Transfer in Biotechnology \$2100 and \$4000 (2000-2001, 2001-2002)
Policy Issues in Agricultural Biotechnology \$2400 (2002-2003)
Defining Property Rights for Development and Social Justice, with Errol Meidinger (Law) \$1600 (2004-2005)
Aging and Labor Market \$3000, with Debra Street (2009-2010)
The Role of Policy in the Creation of the US Renewable Energy Landscape \$1000 (2012)
Shrinking City \$6000 (2013-2014)
Universities and development \$1900 (2017-2018)
Conference on universities and development \$10,000 (2017-2018)
Uneven Impact of Foreign-Born on Shrinking Cities \$2400 (2019-2020)

1998-1999: Graduate Group Recognition, The Graduate School, University at Buffalo. Geography and Operations Strategy (GOS) Group (Group Leader: S. Bagchi-Sen; participating faculty: N. Suresh and Winston Lin, Management Science and Systems), \$1500

1998-1999: Institute for Research and Education on Women and Gender, University at Buffalo. Inter-disciplinary Course Competition. Course: Labor Markets, \$2,000

1998, 1999: Individual Development Awards Program, University at Buffalo. \$1000

1998-1999: Canadian Studies Research Grant Program, Canadian Embassy: Fostering Business Linkages between the BorderNet Region and the Asia-Pacific Economies. (co-PI: James E. McConnell). \$5,000

1998-1999: Canadian-American Studies Committee Grant, University at Buffalo (co-PI: James E. McConnell). \$450

1996, 1997: National Center for Geographic Information and Analysis, University at Buffalo. \$7,400 (Summer 1996) and \$5,000 (Summer 1997)

1996-1997: Canadian Studies Research Grant Program, Canadian Embassy: An Analysis of Export Market Development by Small and Medium Manufacturing Firms from the Niagara Region of Canada. \$10,000

1996: Asian Studies Faculty Grant for Course Development, University at Buffalo. \$2,000 (Summer 1996), GEO 640.

1996: Canadian-American Studies Committee Grant, University at Buffalo. \$350

1995: Research Development Fund, Faculty of Social Sciences, University at Buffalo. A Pilot Analysis of the Impact of Industrial Shifts on Occupational Allocation for Males and Females in Large, Medium, and Small Metropolitan Areas in the United States. \$4000.

1992, 1995: Research Grant, Association of American Geographers, Washington, D.C. \$500

1994, 1995: Travel grant from the United University Professions (University at Buffalo) to attend AAG meetings.

1993: International Studies and Programs, Michigan State University, Global Competence Grant: Urban Geography of Calcutta, India. \$4000

1992: All University Research Grant, Michigan State University, Comparative and Competitive Advantages Promoting the Geographical Spread of U.S. Service Industries. \$2440

1991-1992: The Center for International Business Education and Research, Michigan State University. Multinational Corporate Restructuring and the International Competitiveness of U.S. Service Industries. \$22,555

1990-1991: Institute for Public Policy and Social Research, Michigan State University. A Comparative Analysis of Direct Investment from Conventional and Unconventional Source Countries in the United States. \$23,635

1991: All University Research support from the College of Social Science, Michigan State University, \$358 (1990) and \$167

Publications

Book (*current or former graduate students):

Weaver*, R.C., **Bagchi-Sen, S.**, Knight*, J., & Frazier*, A. (2016). *Shrinking Cities: Understanding Shrinkage and Decline in the United States*. London: Routledge.
[Paperback edition published in May 2018.]

Edited Books:

Bagchi-Sen, S. & Lawton Smith, H. (Eds.). (2006). *Economic Geography: Past, Present and Future*. London: Routledge.

McKelvey, M. & **Bagchi-Sen, S.** (Eds.). (2015). *Innovation Spaces in Asia*. Cheltenham, UK: Edward Elgar.

Farinha, L. M. Carmo, Ferreira, Joao J.M., Lawton Smith, H., & **Bagchi-Sen, S.** (Eds.). (2015). *Handbook of Research on Global Competitive Advantage through Innovation and Entrepreneurship*. Hershey, PA: IGI Global.

Refereed publications (*current or former graduate student):

77. **Bagchi-Sen, S.**, Franklin, R., Rogerson, P., & Seymour, E., (2020 accepted). Urban inequality and the demographic transformation of shrinking cities: The role of the foreign born. *Journal of Applied Geography*.

76. **Bagchi-Sen, S.**, Schunder, T., Tai, X. (2019). An analysis of employment patterns of domestic migrants and immigrants in a Rustbelt city: A study of Buffalo-Niagara Falls. *Growth and Change: A Journal of Urban and Regional Policy*. <https://doi.org/10.1111/grow.12345>

75. Mclean, E., **Bagchi-Sen, S.**, Atkinson, J., & Schindel, A. (2019). Household Dependence on Solid Cooking Fuels in Peru: An Analysis of Environmental and Socioeconomic Conditions. *Global Environmental Change*, 58 <https://doi.org/10.1016/j.gloenvcha.2019.101961>

74. Schunder, T., and **Bagchi-Sen, S.** (2019). Understanding the household cooking fuel transition. *Geography Compass*. <https://doi.org/10.1111/gec3.12469>

73. Ding, N. and **Bagchi-Sen, S.** (2019). An analysis of commuting distance and job accessibility for residents in a U.S. legacy city. *Annals of the American Association of Geographers*, 109, 1560-1582. <https://doi.org/10.1080/24694452.2019.1580133>

72. Mclean, E., **Bagchi-Sen, S.**, Atkinson, J., Ravenscroft, J., Hewner, S., & Schindel, A. (2018). Country-Level Analysis of Household Fuel Transitions. *World Development*, 114, 267-280.

71. Kedron, P. and **Bagchi-Sen, S.** (2018). Explanations of firm survival in renewable energy in the United States: a study of ethanol refineries. *European Planning Studies*, 26, 2237-2255. <https://doi.org/10.1080/09654313.2018.1530150>

70. Ferreira, J.J., Carayannis, E.G., Campbell, D.F.J., Farinha, L., Lawton Smith, H., & **Bagchi-Sen, S.** (2018). Introduction to the special issue on Geography and Entrepreneurship: Managing Growth and Change. *Journal of the Knowledge Economy*, 9, 500–505. <https://doi.org/10.1007/s13132-017-0514-9>

69. Lawton Smith, H., **Bagchi-Sen, S.** & Edmunds, L. (2018). Innovation cycles and geographies of innovation: A study of healthcare innovation in Europe. *European Urban and Regional Studies*, 25, 405-422. <https://doi.org/10.1177/0969776417716220>

68. Kedron*, P. & **Bagchi-Sen, S.** (2016). Limits to policy-led innovation and industry development in US biofuels. *Technology Analysis and Strategic Management*, 29, 486-499. <http://dx.doi.org/10.1080/09537325.2016.1227066>

67. Chakraborty*, R., Lee*, J., **Bagchi-Sen, S.**, Upadhyaya, S., & Rao, H.R. (2016). Online shopping intention in the context of data breach in online retail stores: An examination of older and younger adults. *Decision Support Systems*, 83(Issue C), 47-56.

66. Yang, Y., Poon, J.P.H., Liu, Y., & **Bagchi-Sen, S.** (2015). Small and flat worlds: A complex network analysis of international trade in crude oil. *Energy*, 93(Part 1), 534-543.
65. Lawton Smith, H., **Bagchi-Sen, S.** & Edmunds, L. (2015). Innovation capacity in the healthcare sector and historical anchors: examples from the UK, Switzerland and the US. *Journal of Technology Transfer*, 41,1420–1439.
64. Kisekka*, V., Chakraborty*, R., **Bagchi-Sen, S.**, & Rao, H. R. (2015). Investigating Factors Influencing Web-Browsing Safety Efficacy (Wse) among Older Adults. *Journal of Information Privacy and Security*, 11, 158-173.
63. Trgovac*, D., Kedron*, P., & **Bagchi-Sen, S.** (2015). Geographic Variation in Male Suicide Rates in the United States. *Applied Geography*, 62, 201-209.
62. Frazier*, A.E. & **Bagchi-Sen, S.** (2015). Developing open space networks in shrinking cities. *Applied Geography*, 59, 1-10.
61. Lee*, Chang Ho, **Bagchi-Sen, S.** & Poon, J.P. (2015). Facilitators and Outcomes of University-Industry Collaboration in a Triple Helix Setting in a US Medical Campus. *Industry and Higher Education*, 29, 37-50.
60. Weaver*, R.C. & **Bagchi-Sen, S.** (2015). Racially Polarized Voting in a Southern U.S. Election: How Urbanization and Residential Segregation Shape Voting Patterns. *The Review of Regional Studies*, 45, 15-34.
59. Weaver*, R. & **Bagchi-Sen, S.** (2014). Evolutionary Analysis of Neighborhood Decline Using Multilevel Selection Theory. *Annals of the Association of American Geographers*, 104, 765-783.
58. **Bagchi-Sen, S.** & Lawton Smith, H. (2014). Firm heterogeneity in biotech: absorptive capacity, strategies, and local-regional connections. *European Planning Studies*, 22, 1783-1801.
57. Poon, J., Kedron*, P., & **Bagchi-Sen, S.** (2013). Do foreign subsidiaries innovate and perform better in a cluster? A spatial analysis of Japanese subsidiaries in the US. *Applied Geography*, 44, 33-42.
56. Kisekka*, V., **Bagchi-Sen, S.**, & Rao, H.R. (2013). Extent of private information disclosure on online social networks: An exploration of Facebook mobile phone users. *Computers in Human Behavior*, 29, 2722-2729. <http://dx.doi.org/10.1016/j.chb.2013.07.023>
55. Weaver*, R.C. & **S. Bagchi-Sen.** (2013). Spatial Analysis of Urban Decline: The Geography of Blight, *Applied Geography*, 40, 61-70.
54. Frazier*, A.E., **S. Bagchi-Sen,** & J. Knight*. (2013). The Spatio-Temporal Impacts of Demolition Land Use Policy and Crime in a Shrinking City. *Applied Geography*, 41, 55-64.

53. Kedron*, P. & **Bagchi-Sen, S.** (2012). Foreign direct investment in Europe by multinational pharmaceutical companies from India. *Journal of Economic Geography*, 12, 809-839.
52. **Bagchi-Sen, S.** & Helen Lawton Smith. (2012). The role of the U.S. university as an agent of regional development. *Geography Compass*, 6, 439-453.
51. Lawton Smith, Helen & **Bagchi-Sen, S.** (2011). The research university, entrepreneurship and regional development: research propositions and current evidence. *Entrepreneurship and Regional Development*, 24, 383-404.
50. Kedron*, P. & **Bagchi-Sen, S.** (2011). US market entry processes of emerging multinationals: A case of Indian pharmaceutical. *Applied Geography*, 31, 721-730.
49. Kedron*, P. & **Bagchi-Sen, S.** (2011). A study of the emerging renewable energy sector within Iowa. *Annals of the Association of American Geographers*, 101, 882-896.
48. **Bagchi-Sen, S.**, Kedron*, P., & Scully*, J. (2011). A study of R&D, collaboration, and location preferences of health and agricultural biotech firm. *Environment and Planning C: Government and Policy*, 29, 473 – 486.
47. Lawton Smith, H. & **Bagchi-Sen, S.** (2010). Triple Helix and regional development: a perspective from Oxfordshire in the UK. *Technology Analysis and Strategic Management*, 22, 805-818.
46. Jongsthapongpanth*, A. & **Bagchi-Sen, S.** (2010). Spatial and sex differences in AIDS mortality in Chiang Rai, Thailand. *Health and Place*, 16, 1084–1093
45. Jongsthapongpanth*, A. & **Bagchi-Sen, S.** (2010). The Context and Impact of HIV and AIDS in Chiang Rai, Thailand: A Study of Youth and Young Adults. *Annals of the Association of American Geographers*, 100, 30-56.
44. Levitte, Y. & **Bagchi-Sen, S.** (2010). Demographics, Innovative Outputs, and Alliance Strategies of Canadian Biotech Firms. *European Planning Studies*, 18, 669-690.
43. Lee*, J., **Bagchi-Sen, S.**, Rao, H.R. & Upadhyaya, S. (2010). Anatomy of the Information Security Workforce. *IT Professional*, 12(1), 14-23. doi: 10.1109/MITP.2010.23
42. **Bagchi-Sen, S.**, Rao, H.R., Upadhyaya, S., & Chai*, Sangmi. (2010). Women in Cybersecurity: A Study of Career Advancement. *IT Professional*, 12(1), 24-31.
(Webinar on June 20, 2013, National Cybersecurity Institute, Excelsior College, Albany, NY.)
41. Ghosh, C., Jongsthapongpanth*, A. & **Bagchi-Sen, S.** (2009). Survival of an AIDS Cohort in Thailand (2000-2005). *AIDS Care*, 21, 1568-1577.

40. Chai*, S., Bagchi-Sen, S., Morrell, C., Rao, H. R., & Upadhyaya, S. J. (2009). Internet and online information privacy: An exploratory study of preteens and early teens. *IEEE Transactions on Professional Communication*, 52(2), 167-182. <http://dx.doi.org/10.1109/TPC.2009.2017985> (Best Paper Award at the Informing Science and Information Technology Education joint conference-InSite 2006, Salford, UK, June 25-28).
39. Lawton Smith, H., Romeo*, S., & **Bagchi-Sen, S.** (2008). Oxfordshire Biomedical University Spin-offs: An Evolving System. *Cambridge Journal of Regions, Economy and Society*, 1, 303-319.
38. **Bagchi-Sen, S.** & Lawton Smith, H. (2008). Science, Institutions and Markets: Developments in the Indian Biotechnology Sector. *Regional Studies*, 42, 961-975.
37. Gress*, D. & **Bagchi-Sen, S.** (2007). Making a Niche: North American Voice Actors and Korean Labor Intermediaries in Seoul, Korea. *International Journal of Urban and Regional Research*, 31, 561-578.
36. **Bagchi-Sen, S.** & Scully*, J. (2007). Strategies and External Relationships of Small- and Medium-Sized Enterprises in the U.S. Agricultural Biotechnology Sector. *Environment and Planning C*, 25, 844-860.
35. Poon, J.P., Sajaranachotte*, S., & **Bagchi-Sen, S.** 2007. The Role of US Defense Exports in Asia Pacific Regionalism. *Political Geography*, 25, 715-734.
34. Jongsthapongpanth*, A. & **Bagchi-Sen, S.** (2007). US-Asia Interdependencies. *Journal of the Asia Pacific Economy*, 12, 215-249.
33. **Bagchi-Sen, S.** (2007). Strategic Considerations for Innovation and Commercialization in the US Biotechnology Sector. *European Planning Studies*, 12, 961-983.
32. Hall*, L. & **Bagchi-Sen, S.** (2007). An Analysis of Firm-Level Strategies in the US Biotechnology Industry. *Technovation: The International Journal of Technological Innovation, Entrepreneurship and Technology Management*, 27, 4-14.
31. Agarwal*, S., Gupta, V., & **Bagchi-Sen, S.** (2006). Insights into US Public Biotech Sector Using Patenting Trends. *Nature Biotechnology*, 24, 643-651.
30. Lawton Smith, H. & **Bagchi-Sen, S.** (2006). University-industry interactions: the case of the UK biotech industry. *Industry and Innovation*, 13, 371-392.
29. Chai*, S., **Bagchi-Sen, S.**, Morrell, C., Rao, H.R., & Upadhyaya, S. (2006). Role of Perceived Importance of Information Security: An Exploratory Study of Middle School Children's Information Security Behavior. *Issues in Informing Science and Information Technology*, 3, 127-135.
28. Banerjee, S., Kang*, H., **Bagchi-Sen, S.**, & Rao, H.R. 2005. Gender Divide in the Use of the Internet Applications. *International Journal of E-Business Research*, 1(2), 24-39. [invited article]

27. Kang*, H., **Bagchi-Sen, S.**, Rao, H.R., & Banerjee, S. (2005). Internet Skeptics: An Analysis of Intermittent Users and Net-Dropouts. *IEEE Technology and Society*, 24, 26-31.
26. **Bagchi-Sen, S.** & Scully*, J. (2004). The Canadian Environment for Innovation and Business Development in the Biotechnology Industry: A Firm-Level Analysis. *European Planning Studies*, 12, 961-983.
25. **Bagchi-Sen, S.**, Lawton Smith, H. & Hall*, L. (2004). The US Biotechnology Industry: Industry Dynamics and Policy. *Environment and Planning C*, 22, 199-216.
24. **Bagchi-Sen, S.** (2004). Firm-Specific Characteristics of R&D Collaborators and Non-Collaborators in U.S. Biotechnology Clusters and Elsewhere. *International Journal of Technology and Globalisation*, 1(1), 92-118.
23. **Bagchi-Sen, S.** (2003). An Empirical Analysis of Migration in Information-Intensive Work in the United States. *The Service Industries Journal*, 23, 337-366.
22. Hall*, L. & **Bagchi-Sen, S.** (2002). A Study of R&D, Innovation and Business Performance in the Canadian Biotechnology Industry. *Technovation*, 22, 231-244.
21. **Bagchi-Sen, S.**, Hall*, L., & Petryshyn*, L. (2001). A Study of University-Industry Linkages in the Biotechnology Industry: Perspectives from Canada. *International Journal of Biotechnology*, 3(3/4), 390-410.
20. Hall*, L. & **Bagchi-Sen, S.** (2001). An Analysis of R&D, Innovation, and Business Performance in the U.S. Biotechnology Industry. *International Journal of Biotechnology*, 3(3/4), 267-286.
19. **Bagchi-Sen, S.** (2001). Product Innovation and Competitive Advantage in an Area of Industrial Decline: The Niagara Region of Canada. *Technovation*, 21(1), 45-54.
18. **Bagchi-Sen, S.** (2001). Wage Variations in Advanced Producer Service Work in New York. *The Service Industries Journal*, 21(3), pp. 64-86.
17. Plewe*, B. & **Bagchi-Sen, S.** (2001). Use of Ternary Histograms for the Visualization of Racial Segregation. *The Professional Geographer*, 53, 347-360.
16. **Bagchi-Sen, S.** & Kuechler*, L. (2000). Strategic and Functional Orientation of Small- and Medium-Sized Enterprises in Professional Services: An Analysis of Public Accountancy. *The Service Industries Journal*, 20(3), 117-146.
15. **Bagchi-Sen, S.** (1999). The Small- and Medium-Sized Exporter's Problems: An Empirical Analysis of Canadian Manufacturers. *Regional Studies*, 33, 231-245.

14. **Bagchi-Sen, S.** & MacPherson, A.D. (1999). The Competitive Characteristics of Small- and Medium-Sized Manufacturing Firms in the U.S. and Canada: Empirical Evidence from a Cross-border Region. *Growth and Change*, 30, 315-336.
13. **Bagchi-Sen, S.** and Sen*, J. (1997). The Current State of Knowledge in International Investments in Producer Services. *Environment and Planning A*, 29, 1153-1174.
12. **Bagchi-Sen, S.** (1997). The Location of Service Industries in Large, Medium, and Small Metropolitan Areas in the United States. *Urban Geography*, 18, 264-281.
- Bagchi-Sen, S.** (1997). Introduction: Special Issue on Economic Restructuring and Labor Markets. *Urban Geography*, 18, 189-191.
11. **Bagchi-Sen, S.** (1995). FDI in US Producer Services: A Temporal Analysis of Foreign Direct Investment in the Finance, Insurance, and Real Estate Sectors. *Regional Studies*, 29, 159-170.
10. **Bagchi-Sen, S.** (1995). Structural Determinants of Occupational Shifts for Males and Females in the U.S. Labor Market. *The Professional Geographer*, 47, 268-279.
9. **Bagchi-Sen, S.** (1995). Foreign Direct Investment in U.S. Manufacturing Industries: Source-Specific Variations. *Geografiska Annaler*, 77B, 17-29.
8. Pigozzi, B. & **Bagchi-Sen, S.** (1995). Impacts of Acquisitions and New Plants on the Employment in U.S. Affiliates of Foreign Manufacturing Firms. *Tijdschrift voor Economische en Sociale Geografie*, 86, 328-338.
7. Pandit, K. & **Bagchi-Sen, S.** (1993). The Spatial Dynamics of U.S. Fertility, 1970-1990. *Growth and Change*, 24, 229-246.
6. **Bagchi-Sen, S.** & Pigozzi, B. (1993). Occupational and Industrial Diversification in the United States: Implications of the New Spatial Division of Labor. *The Professional Geographer*, 45, 44-54.
5. **Bagchi-Sen, S.** (1991). The Location of Foreign Direct Investment in Finance, Insurance, and Real Estate in the United States. *Geografiska Annaler*, 73B, 187-197.
4. **Bagchi-Sen, S.** (1991). Employment in Foreign Owned Manufacturing Firms in the United States - The Impact of Modes of Entry. *Tijdschrift voor Economische en Sociale Geografie*, 82, 282-294.
3. **Bagchi-Sen, S.** (1991). Temporal Changes in the Composition of Foreign Direct Investment in the Great Lakes Region. *The East Lakes Geographer*, 26, 1-14.
2. **Bagchi-Sen, S.** & Wheeler, J.O. (1989). A Spatial and Temporal Model of Foreign Direct Investment in the United States. *Economic Geography*, 65, 113-129.

1. **Bagchi-Sen, S.** (1989). Foreign Direct Investment in U.S. Metropolitan Areas, 1979-1983. *Urban Geography*, 10, 121-137.

Other Publications (*current and former undergraduate/graduate students):

Bagchi-Sen, S., Canty*, M., & Schunder*, T., (forthcoming). Disparities in drug accessibility for people living with HIV and AIDS. In P. K. Ram & K. Smith (Eds.), *Transforming Global Health: Interdisciplinary Challenges, Perspectives, and Strategies*. New York, NY: Routledge.

Bagchi-Sen, S. & Rogerson, P. (2020). Trends and Determinants of Women in Patenting in the United States. In H. Lawton Smith, C. Henry, H. Etzkowitz and A. Poulouvassilis (Eds.), *New Perspectives in Gender, Science & Innovation*. Cheltenham, UK: Edward Elgar.

Lawton Smith, H., **Bagchi-Sen, S.**, and Edmunds, L. (2020) Universities and bioscience-based local development in Oxfordshire: where is the money? Handbook on Universities and Regional Development. Editor: Attila Varga. Cheltenham, UK: Edward Elgar.

Schunder*, T. and **Bagchi-Sen, S.** (2019). Diverse patterns of innovation in India for broader impacts. In *Diversities of Innovation*. Editor: Ulrich Hilpert. London: Routledge.

Farinha, L. & **Bagchi-Sen, S.** (2019). Following the Footprints of SME Competitiveness in a High Technology Sector. In M. Peris-Ortiz, M., J. Ferreira & J. Merigó Lindahl (Eds.). *Knowledge, Innovation and Sustainable Development in Organizations: A Dynamic Capabilities Perspective* (pp. 77-98). Switzerland: Springer.

Bagchi-Sen, S. & Schunder*, T. (2018). The Internationalization of Producer and Professional Services. In G. Cook & F. McDonald (Eds.), *The Routledge Companion to the Geography of International Business*. London: Routledge.

Lawton Smith, H., Lindholm Dahstrand, A., Edmunds, L., & **Bagchi-Sen, S.** (2017). Research-based firms, firm behaviour and regions: evidence from Sweden and the UK. In Iréne Bernhard (Ed.), *Proceedings of the 20th Uddevalla Symposium on Innovation, Entrepreneurship and Industrial Dynamics in Internationalized Regional Economies*. Sweden: University West.

Kedron*, P. & **Bagchi-Sen, S.** (2017). A Study of Technology and Policy in Liquid Biofuel Production in the United States. In Bouzaroski, S. & Pasqualetti, M. (Eds.), *Routledge Research Companion to Energy Geographies*. London: Routledge.

Bagchi-Sen, S. & Kedron*, P. (2015). Environmental governance and industrial development: A case of U.S. Biofuel Industry. In U. Hilpert (Ed.), *Handbook of Politics and Technology*. London: Routledge.

McKelvey, M. & **Bagchi-Sen, S.** (2015). Introduction. In McKelvey, M. & Bagchi-Sen, S. (Eds.), *Innovation Spaces in Asia* (pp. 1-21). Cheltenham, UK: Edward Elgar.

Kedron*, P. & **Bagchi-Sen, S.** (2015). Evolving Global Innovation Networks of Indian Pharmaceutical Companies, In McKelvey, M. & Bagchi-Sen, S. (Eds.), *Innovation Spaces in Asia* (pp. 189-207). Cheltenham, UK: Edward Elgar.

Meraxa*, T.A. & **Bagchi-Sen, S.** (2015). The Emergence of Indonesian Multinational Enterprises, In McKelvey, M. & Bagchi-Sen, S. (Eds.), *Innovation Spaces in Asia* (pp. 208-230). Cheltenham, UK: Edward Elgar.

Gifford, E. Holgersson, M., McKelvey, M. & **Bagchi-Sen, S.** (2015). Tapping into Western Technologies by Chinese Multinational Enterprises: Geely's Purchase of Volvo Cars and Huawei's Hiring of Ericsson Employees in Sweden. In McKelvey, M. & Bagchi-Sen, S. (Eds.), *Innovation Spaces in Asia* (pp. 231-255). Cheltenham, UK: Edward Elgar.

Bagchi-Sen, S., Schunder*, T., & Bourellos, E. (2015). Foreign Direct Investment in R&D and the Base of the Pyramid: Is a New Space of Innovation Emerging in India? In McKelvey, M. & Bagchi-Sen, S. (Eds.), *Innovation Spaces in Asia* (pp. 256-278). Cheltenham, UK: Edward Elgar.

McKelvey, M. & **Bagchi-Sen, S.** (2015). Conclusions. In *Innovation Spaces in Asia*, pp. 354-368. Editors: McKelvey, M. and Bagchi-Sen, S. Cheltenham, UK: Edward Elgar.

Bagchi-Sen, S. & Schunder*, T. (2015). International Business: Geographic Aspects. In S. Hanson & J. Sidaway (Eds.), *International Encyclopedia of Social and Behavioral Sciences* (pp. 484-489). Oxford, UK: Elsevier.

Bagchi-Sen, S. (2011, August). [Review of the book *New Industries from New Places: The Emergence of the Hardware and Software Industries in China and India*, by N.F. Gregory, S.D. Nollen, & S. Tenev]. H-Asia, H-Net Reviews. URL: <http://www.h-net.org/reviews/showrev.php?id=29377>

Ptak*, S. & **Bagchi-Sen, S.** (2011). Innovation systems in emerging economies: the case of India. In P. Cooke, B. Asheim, R. Boschma, R. Martin, D. Schwartz & F. Toedtling (Eds.), *The Handbook of Regional Innovation and Growth*. Cheltenham: Edward Elgar.

Bagchi-Sen, S. (2010, January). [Review of the book *The Digital Economy: Business Organization, Production Processes and Regional Developments*, by E. J. Malecki & B. Moriset]. *Economic Geography*, 86(1), 105-106.

Bagchi-Sen, S. (2010). Foreign Direct Investment. In Warf, B. (Ed.), *Encyclopedia of Geography*. Thousand Oaks, CA: Sage Publications.

Herath*, T.C., **Bagchi-Sen S.**, & Rao, H.R. (2006). Gender Issues and Vulnerability to Internet Crime. In E. Trauth (Ed.), *Encyclopedia of Gender and Information Technology*. IDEA Group Publishing.

Rogerson, P., Trivedi, M., and **Bagchi-Sen, S.** (2006). Cumulative sum methods for spatial surveillance. Proceedings of the Joint Statistical Meetings, Seattle, 2006.

Bagchi-Sen, S. (2001). Direct Foreign Investment. In N. J. Smelser & P. B. Baltes (Eds.) and S. Hanson (Geography Section Ed.), *The International Encyclopedia of the Social and Behavioral Sciences*. Oxford, UK; Elsevier Sciences Ltd.

Bagchi-Sen, S. (2001, January). [Review of the book *The Dynamics of Industrial Location: The Factory, the Firm and the Production System*, by R. Hayter]. *Economic Geography*, 77(1), 77-79.

Bagchi-Sen, S. (1999, January). [Review of the book *World Cities in a World System*, by P. L. Knox & P. J. Taylor]. *Economic Geography*, 75(1), pp. 95-96.

Lake, R., S. Hanson, **S. Bagchi-Sen**, R. Cline-Cole, J. DeFilippis, M. Douglass, J. Emel, R. Johns, V. Lawson, M. Leaf, R. Leichenko, S. Marston, T. McGee, K. Pandit, S. Pincetl, R. Schroeder, E. Sheppard & M. Waterstone. (2000). *Towards a comprehensive geographical perspective on urban sustainability*. Final Report of the 1998 NSF Workshop on Urban Sustainability. Center for Urban Policy Research, Rutgers, State University of New Jersey. 29 pages. [Organizers: Robert Lake and Susan Hanson; author names are in alphabetical order]

Bagchi-Sen, S. (1997). [Review of the book *Gender, Work, and Place*, by S. Hanson and G. Pratt]. *Journal of Regional Science*, 37(2), pp. 357-359

Bagchi-Sen, S. (1995). Comment on Cross-National Labour Migration and Local-Level Planning: the Experience of Bangladesh, by R.A. Mahmood, *Regional Development Dialogue*, 16, pp. 135-136.

Bagchi-Sen, S. & P. Das*. (1995). Foreign Direct Investment by the U.S. Bells. In B. Mody, J.M. Bauer, and J.D. Straubhaar (Eds.), *Telecommunications Politics. Ownership and Control of the Information Highway in Developing Countries* (pp. 85-112). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

Bagchi-Sen, S. & Birou*, L. (1992). Buyer/Supplier Linkages of Foreign Manufacturing Firms in the United States, *Decision Sciences Institute Proceedings*, 3, 1772-1774.

Bagchi-Sen, S. (1991). A Study of the Location of Foreign Acquisitions and New Plant Establishments in the U.S. Market, *Papers and Proceedings of Applied Geography Conferences*, 14, 132-139.

Editorial Experience

Editor, *Papers in Regional Science* (Wiley), 2019-present

Associate Editor, *Applied Geography* (Elsevier), 2018 (October)-present

Co-Editor (with Waldemar Cudny), Routledge Book Series *Routledge Contemporary Perspectives on Urban Growth, Innovation and Change*, 2019-present

Editor, *The Professional Geographer* (Taylor & Francis), 2005-2010 (two terms, 6 years)

Editorial Board, *Strategic Change: Briefings in Entrepreneurial Finance* (Wiley), 2019-Present

Editorial Board, *The Southeastern Geographer* (UNC Press), 2019-Present

Editorial Board, *GeoJournal* (Springer), 2017-Present

Editorial Board, *Geography Compass* (Wiley), 2017-Present

Editorial Board, *Annals of the Association of American Geographers* (Taylor & Francis), 2006-2009, 2014-Present

Editorial Board, *Applied Geography* (Elsevier), 2014-2018 (two terms)

Editorial Board, *The Canadian Geographer* (Wiley), 2009-Present (three terms)

Editorial Board, *Industrial Geography*, 2002-Present

Guest Editorship

Guest Editor (with Elizabeth Mack). Special issue (papers under review): Universities and Regional Development, *International Regional Science Review*.

Guest Editor (with Helen Lawton Smith and Shiri Breznitz). Special issue: The Economic Contribution of Students to the Regional Economy, *Regional Studies*.

Guest Editor (with Andres Rodriguez Pose). Special issue: Patterns and Consequences of Inequalities in the Geographic Periphery, *Journal of Applied Geography*

Guest editor (with J.J. Ferreira, E.G. Carayannis, D.F.J. Campbell, L. Farinha, and H. Lawton Smith). (2017). Special issue Geography and Entrepreneurship: Managing Growth and Change, *Journal of the Knowledge Economy*, <https://doi.org/10.1007/s13132-017-0514-9>

Guest editor (with Paul Benneworth and Helen Lawton Smith). (2015). Special issue Building Inter-organizational Synergies in the Regional Triple Helix, *Industry and Higher Education*, 29(1).

Guest Editor (with Shubha Ghosh). (2005). Special issue Law, Technology and Development, *Law and Policy*, 27(1).

Guest Editor (with Helen Lawton Smith). (2004). Special issue Innovation Geographies and Biotechnology, *Environment and Planning C*, 22(2).

Guest Editor. (1997). Special issue Economic Restructuring and Labor Markets, *Urban Geography*, 18(3).

Past Editor, *Occasional Paper Series*, Canada-United States Trade Center, University at Buffalo.

University Courses Taught and Other Teaching Activities

University at Buffalo:

Undergraduate Courses:

The Geography of Economic Systems (now GEO 103), International Environment and Commercial Problems (GEO 334), Industrial/Economic Geography (GEO 425), Urban Geography (GEO 366), Applied Urban Analysis (GEO 430/530), Cotemporary Global and Gender Issues (GSS 414/514)

Graduate Courses:

Economic Geography, Urban Geography, Industrial Geography, Labor Geography, Development Geography, Foreign Direct Investment, Service Industries, Spatial Problems of Multinational Corporations, World Regional and Cultural Systems for International Business, The Organization of Industrial Space in the Asia-Pacific Region, Contemporary Global and Gender Issues.

Michigan State University:

Undergraduate Courses:

Individual and Metropolitan Society, Urban Geography, Geography of Transnational Corporations

Graduate Courses:

Internal Structure of the City, Advanced Seminar in Urban and Economic Geography

Other Teaching Activities:

2005: Instructor. The Neil D. Levin Graduate Institute of International Relations and Commerce, State University of New York. Course Module: Technology Innovation, July 18-22.

2005-2006: Instructor. School of Management – University at Buffalo. Professional MBA Program. Course: The Global Economy and the Business Firm (MGE 602). Session: Summer

1991: Participant (competitive selection). Faculty Seminar on Integrating Gender into the Undergraduate Curriculum. Organized by Women's Studies Program and Policy Center, Michigan State University, August.

Research Supervision

Michigan State University

Major Professor: 3 MA students; Committee Member: 1 Ph.D and 2 MA students

University at Buffalo

Major Professor:

Current Doctoral Advisees (**Presidential Fellows, *Graduate Assistants) - David Karp**, Moira O'Neill**, Torsten Schunder** (PhD expected 2020), Jong Seo Won*

Advisees/Dissertation Titles and Placement:

2019: Nan Ding (Presidential Fellow), An Analysis of Commuting Patterns of Low-Wage Workers in A Declining City. Director of Operations, Geo Data Intelligence Inc., Amherst, NY. April 2018-present.

2019: Sungwoong Choi, Spatial Analysis of Shifts in U.S. Manufacturing Employment and Income Inequality. Research (post-doctoral) Fellow, Konkuk University, South Korea.

2016: Scott Ptak (JD 2012), A Geographical Analysis of Commercial Lending by U.S. Banks. Instructor, Department of Geography and Singapore Institute of Management Program in International Trade. Clinical Assistant Professor, Operations Management and Strategy, UB School of Management.

2013: Jason Knight, Shrinking City, Shrinking Region A Socio-Spatial Analysis of Demolitions in Buffalo and the Emergence of Regional Shrinkage in Erie County, New York. Associate (tenured) Professor, Geography and Planning, Buffalo State College.

2013: Changho Lee, Collaborative Trends in the Biomedical Sciences. [co-advisor – Jessie Poon] Senior Statistician at Herbalife, Greater Los Angeles Area.

2012: Joseph Holler (IGERT GISc Fellow), Adaptation and Social Vulnerability on Mount Kilimanjaro, Tanzania: Challenges and Possibilities for Sustainable Climate Change Adaptation. Assistant Professor (tenure track), Geography, Middlebury College, VT.

2012: Peter Kedron (Presidential Fellow), An Analysis of the Evolution of Renewable Energy Production: The Role of Firms, Institutions, and Markets. Assistant Professor (tenure track), School of Geographical Sciences and Urban Planning, Arizona State University, Tempe, AZ.

2012: Russell Weaver, Reconceptualizing Blight: A Geographical and Economic Analysis of Urban Housing Code Violations in Buffalo, NY. Associate (tenured) Professor, Texas-State University-San Marcos.

2010: Janet Penksa, A “Triple Helix within the Triple Helix”: A Case Study of a University-Government-Industry Network. [former Finance Commissioner, City of Buffalo].

2008: Annitra Jongsthapongpanth, Geographical Analysis of Disease Incidence, Mortality, and Deprivation: A Study of People Living with HIV/AIDS in Northern Thailand. Online Media and Data Analytics Professional, Bangkok Metropolitan Area, Thailand.

2006: Jennifer Scully, Strategies and External Relationships of Firms in the U.S. Agricultural Biotechnology Sector.

2005: Martin Camacho, Information Technology Analysts and Managers in the Silicon Valley: A Study of Male-Female Wage Patterns. Assistant Dean of Technology, College of Arts and Sciences, University at Buffalo.

2005: Stephen F. Mayer, Sources of Competitive Advantage in U.S. Engineering Firms. Principal, Mayer (Engineering) Consulting.

2004: Jeffrey McIntyre Gray (JD), The Regulatory Environment and Industrial Restructuring: The Case of U.S. Power. Independent Law Practice.

2001: Kush Haq, An Analysis of the Determinants of U.S. Direct Investment Abroad in the Manufacturing Sector. Vice President, Middle States Commission on Higher Education and Former Vice Provost for Strategic Initiatives, Hilbert College, Buffalo, NY.

1999: Linda Hall, Innovation and Collaboration in the U.S. Biotechnology Industry. Professor and Interim Chair, School of Business, Department of Business Administration, SUNY-Fredonia.

1997: Linda Kuechler (deceased), Proactivity, Economic Performance, and Internationalization of Local and Regional Public Accounting Firms in Western New York. Professor of Accounting (former Department Chair), Accounting & Management Information Systems, Daemen College, Buffalo.

Masters Advisees:

Leo Adrianus (2003), Aubrey Balcom (2003), Inna Aleksandrova, MA-MBA (2004), Janis Berzins, MA-MBA (1999), Manjiri Bhawalkar (1997), Ka Wei (Gary) Chan (2007), Menglin Chung (2000), Hadar Cohen (2000), Timothy Connelly (2021) Paola Csirke Lozano (2000), Haley Davis BA-MA (2005), Matthew DiCristofaro (2011), Fan Jiang (2005), Alan Delmerico (2004), Arti Dusane (2004), Regina Fallace, MA-MBA (1999), Papa Samba Gaye (1997), Matthew Goldhawk (1997), Annitra Jongsthapongpanth (2003), Aurora Klimko BA-MA (2006), Kinga Kobialka (1999), David Kotok (2009), Raleigh Love, MA-MBA (2010), Sebastian Malecki (2011), Elizabeth Pelc (2020), Laryssa Petryshyn (2001), Sarinna Pravithana (2001), Scott Ptak (2009), Jennifer Scully (2001), Natasha Roudneva (2000), Liang Shen (2015), Erik Stegall (2011), Kimberly Stevens (1999), Sandy Sukarto, MA-MBA (1996), Maitryani Sulistyo (1997), Norman Tabalujan (2003), Andrew Trgovac (2015), Wendy Vasquez (2009), Gaole Wang (2011), Jong Seo Won (2018), Paul Yong (2003)

Committee Member:

Doctoral: Ed Arnold (2008), Sol Hyon Baek (2012), Niharika Banerjea (Sociology, 2007), Nicholas Belongie (Planning, current), Vigdis Boasson (2001), Seth Cavello (2019), Sangmi Chai (Management Science & Systems, 2012), Rajarshi Chakraborty (Management Science & Systems, 2014), Mark Chang (1997), Joel Deichman (1999), Elizabeth Felski (2015), Doug Gress (2005), Valerie Hartung (1997), Cuong Vu Hoang (2000), Victoria Kisekka (Management Science & Systems, 2015), Camden Miller (Planning, current), Ge Lin (1996), Paul Mackun (2001), Teuku Arckyansyah Meraxa (2016), David Pritchard (2002), Craig Rogers (2007), Suksawat Sajaranachotte (2006), Jayanti Sen (1997), Andrew Trgovac (2015), Vida Vanchan (2006), Richard Weng (1994), Renee Will (2005), Fritz Yambrach (2005), Wei Yin (2017), Michael Ziolkowski, (2006)

MA/MS: Nathan Abbott (2011), Bethany Backhaus, M.A. (2000), Jordan Bonnano (2012), Ming-Tsai Chan, M.A., Hye-Jung Chung, M.A. (1999), Brett Claydon (2016), Matthew Coty (2010), Joseph Cox, M.A. (1996), Will Gunter, M.A. (2006), Bryan Kisabeth (2010), Joseph Klebaner, M.A., Cendra Kusumo, M.A. (1997), Shujun Li, M.A. (1997), Jonathan Li, M.A. (2006), Anne Marusza, M.A. (1997), Bridget Paul (2011), Gregory Petraetis, M.A. (1998), Pauline Phoa, M.A. (2006), Joanna Rogalski, M.A. (2005), Jennifer Stoll, M.A. (2005), Annemarie Tiburzi (2016), Jie Yin, M.A. (2001)

Invited Participation in Conferences and Workshops

Speaker. The role of migrants in the US economy: demographic and economic patterns (with Torsten Schunder, Rachel Franklin, Peter Rogerson, and Eric Seymour), UiS Business School Seminar, Elise Ottesen-Jensens hus, EOJ 276/277, October 24, 2019.

Panelist/Speaker. Buffalo's Emerging Innovation Economy, Association of Collegiate Schools of Planning (ACSP) Annual Conference, Buffalo, NY. October 25-27, 2018.

Participant. Diversities of Innovation III: The Specificities of Innovation and Appropriate Areas of Development: Competences and Competition on Labour. Organizer: Ulrich Hilpert, Jena. Third Workshop – Berlin, October 15-16, 2018.

Participant. Understanding Emerging Technologies, Racial Equity, and the Future of Work. NSF-funded Workshop (PI: Laurel Smith-Doerr), University of Massachusetts, Amherst, CT. April 5-6, 2018.

Participant and Speaker. Center for Innovation Management Research (CIMR) workshop on the UK's industrial strategy. Birkbeck, London. March 23, 2018.

Speaker. An Analysis of Demographic Factors in Shrinking/Declining Cities: The Role of Immigrants (with Rachel S. Franklin). Department of Geography, Binghamton University. September 2017.

Speaker. Energy Policy and Innovation Patterns in the US. Innovation Policy Lab, Munk School of Global Affairs. University of Toronto. October 17, 2016

Speaker. Contemporary Ethnic Geographies in America and Spaces of Fear. DIFCON12 – 12 Difficult Conversations in Twelve Weeks, University at Buffalo. April 6, 2016.

Speaker. The London-Oxford-Cambridge (Southwest) Golden Research Triangle: hype or reality? A bio-innovation complex to overtake US (with Helen Lawton Smith). International Triple Helix Association, Silicon Valley Innovation Forum, Palo Alto, CA, March 28, 2016.

Speaker. A Study of the Emergence of the U.S. Biofuel Industry: Implications for Innovation, Networks, and Regional Development (with Peter Kedron). Regional Studies Association International Conference 2013 at UCLA on Global Urbanisation: Challenges and Prospects, December 16-18, 2013.

Speaker. The Evolution of Networks in the U.S. Biofuel Industry (with Peter Kedron). CNRS et Université de Nice Sophia Antipolis, Nice, France. September 24, 2013.

Speaker. Knowledge Networks in Emerging Energy Industries (with Peter Kedron). Session on Economic Geography VIII - The Evolution of Regional and International Networks. Organizers: Dieter Kogler and David Rigby. Annual Meeting of the Association of American Geographers, Los Angeles, April 9-13, 2013.

Panelist. Climate Policy as Industrial Policy: Emerging Geographies in the Making of the Green Economy. Organizers: Jia Ching Chen and Abigail Martin. Annual Meeting of the Association of American Geographers, Los Angeles, April 9-13, 2013.

Speaker. Collaborative Trends in the Biomedical Sciences: Facilitators, and Outcomes for Academic Researchers (with Chang Ho Lee and Jessie Poon). Telfer School of Management, University of Ottawa. January 25, 2013.

Speaker. India and Innovation: Comparative Perspectives on Emerging Market Multinationals in Three Sectors. Conference on Business Strategy and Innovation Spaces in China and in India. Institute of Innovation and Entrepreneurship, Handels School of Business, Economics, and Law, Gothenburg University, Gothenburg, Sweden. February 20-22, 2013

Speaker. Researching Firms Using Primary and Secondary Data: A Case of Regional Bioenergy in the United States (with Peter Kedron). Roundtable on “The Use of Innovative Datasets for Regional Economic Research”, GW Institute of Public Policy, George Washington University on Wednesday, May 9, 2012. Organizers: Andrew Reamer and Maryann Feldman

Speaker. Spaces of Innovation in Emerging Markets (with Peter Kedron). Second RIIO International Conference of China and Indian Ocean Economies, Yunnan University of Finance and Economics, Kunming (Yunnan Province), China. November 29-30, 2012.

Panelist. Technology innovation and upgrading in emerging economies. Annual Meeting of the Association of American Geographers, Seattle, April 12-16, 2011. Panel Organizers: Yifei Sun and Mark Graham.

Speaker and Panelist. Business in Asia conference. Institute of Innovation and Entrepreneurship, Goteborg University, Goteborg, Sweden. Dec 9-10, 2009. Host: Maureen McKelvey and Mats Magnusson.

Speaker. Asian Latecomers: U.S. Market Entry of Indian Pharmaceuticals. Institute of Innovation and Entrepreneurship, Goteborg University, Goteborg, Sweden. May 20, 2009. Host: Maureen McKelvey.

Speaker. The New California and sub-Sahara in India. Regional Economies in a Globalising World. Enhancing Intellectual Capacity and Innovation, a conference organized and supported by Cardiff University Regeneration Institute, Centre for Advanced Studies and the DIME Programme, Institute of Welsh Affairs, and the British Council. Organizers: John Osmond, Kevin Morgan, Phil Cooke. November 19-21, 2008.

Speaker. Understanding the relationship between U.S. biotechnology firms and the public sector: health and agri-bio comparisons (with Annika Rickne), Dahmén sessions on 'Regional Knowledge Production for Innovation', 11th Uddevalla Symposium, Kyoto, May 15-17, 2008.

Speaker. Strategies and External Relationships of Firms in the U.S. Agricultural Biotechnology Sector. Department of Geography, University of California-Los Angeles (October 27, 2006), University of Utah (February 2, 2007), University of North Carolina-Greensboro (March 23, 2007).

Speaker. The Role of Alliances in Innovation-A Case of the Biotechnology Industry. Third Klein Symposium on Small and Medium Sized Enterprises and the Global Economy, to be held at Pennsylvania State University, October 12-14, 2005. Organizer: Gerald S. Susman, Robert and Judith Klein Professor of Management, Smeal College of Business, Pennsylvania State University.

Participant. Regional Business and Industry Meeting. Objective: To Design a Comprehensive Business and Industry Strategic Plan for the State University of New York. Organizer: State University of New York. Buffalo, New York, August 18, 2005.

Participant. Towards Excellence: Leading a Geography Department in the 21st Century. The 2005 Association of American Geographers' Healthy Departments Workshop. Organizers: Richard Marston and Alexander Murphy. Portland, Maine, June 25-26, 2005.

Participant/SUNY-Buffalo Faculty Representative. Roundtable discussion of the Assembly Standing Committee on Higher Education, Assembly Standing Committee on Economic Development, Job Creation, Commerce and Industry, Task Force on University-Industry Cooperation, Legislative Commission on Science and Technology, Assembly Subcommittee on Manufacturing. Discussion Topic: State Research and Development Investments - The Problems of Assessment. Legislative Office Building, Albany, New York, June 14, 2005.

Co-author/Speaker (presented by Helen Lawton Smith). Bringing Science to Life. An International Conference on Commercializing Biomedical Research organized by the Center for Innovation, Law, and Policy, Rotman School of Management, University of Toronto, April 29-May 1, 2005.

Speaker. Women in Cyber Security. Session on “Digital Access” organized by Roli Verma, University of New Mexico, at the 20th Annual IASTS (International Association for Science, Technology, & Society) Conference, Baltimore, Maryland, February 2005.

Panelist. “Priorities” in Teaching Economic Geography II. Organized by Neil Coe and Henry Yeung, Annual Meeting of the Association of American Geographers, Denver, April 2005.

Panelist. Women and Cyber Security. A Workshop on Secure Knowledge Management. Organizers: Shambhu Upadhyaya and H. Raghav Rao. Sponsors: National Science Foundation and Department of Defense. Amherst, New York, September 23-24, 2004.

Panelist. Committee on the Status of Women in Geography (CSWG) Panels, Annual Meeting of the Association of American Geographers, 2004: (1) Surviving Tenure and Promotion – organized by Jennifer Mandel and Ellen Hansen and (2) From Now into the Future – organized by Pamela Moss and Mei-Po Kwan

Speaker. Barriers to Commercialization: Biotechnology in India, a conference on Challenges of Asian Technological Development, Organized by the Network of Industrial Economists (Organizers: Ken Simons, Royal Holloway; Sumit Majumdar, U of Texas-Dallas and Gautam Sen, LSE), London School of Economics, May 31, 2003.

Speaker. International Trade as a Mode of Technology Transfer: A Study of US Exporters of Biotechnologies, International Conference on Science, Technology, and Innovation. Emerging International Policy Issues. Organizer: Calestous Juma, Center for International Development, Harvard University and the Belfer Center for Science and International Affairs, Kennedy School of Government. September 23-24, 2002.

Speaker. International Conference on Globalization of R&D: Challenges and Opportunities for Developing Countries, Grado, Italy, September 11-13, 2001. Organized by Belfer Center for Science and International Affairs and the Center for International Development, Harvard University and the Third World Academy of Sciences. Refereed (the paper was selected from a submission of 100+ articles). Presentation: R&D Alliances in the biotechnology industry.

Speaker. Cornell-in-India Conference on Biotechnology for Development, Chennai, India, January 3-6, 2002. Invited by Professor K.V. Raman, Cornell University. Title of presentation: R&D Alliances in Innovation-A Case for the US Biotechnology Industry.

Panelist. Panel on Senior Women Faculty: Career Path of Women in Academic Geography. Organizer: Christy Jocoy (Penn State U). Panelists: S. Bagchi-Sen, Amy Glasmeier, Risa Palm, Diana Liverman, Cindi Katz, Kathy Whitslock, Irene Hardill. Annual Meeting of the Association of American Geographers.

Participant. Research Workshop organized by the National Academy of Sciences and National Research Council on “The Role of Contemporary Cities in Urban Restructuring” (Anglo-US comparative perspectives), May 13-14, 2001, Washington, D.C.

Participant. Research Workshop funded by the National Science Foundation. Toward A Comprehensive Geographical Perspective on Urban Sustainability. Center for Urban Policy Research, Rutgers University. June 1998. PIs: Robert W. Lake and Susan Hanson.

Participant. A Research Workshop on Geographic Information Analysis and Human Capital Research. Organized by the National Center for Geographic Information and Analysis (NCGIA), University at Buffalo. Sponsored by the National Science Foundation and HUD. July 1995, Boulder, Colorado.

Research Presentations

Barriers and facilitators of fuel transition in developing countries (with Torsten Schunder), North American Regional Science Council, November 13-16, 2019. Pittsburgh, PA.

Entrepreneurial variety in Oxfordshire: theoretical and policy challenges (with Helen Lawton Smith and Laurel Edmunds). Annual Meeting of the American Association of Geographers, April 2-7, 2019. Washington, D.C.

Employment patterns of migrants and residents in the Buffalo-Niagara region (with Torsten Schunder and Xiaonan Tai). 58th Annual Meeting of the Western Regional Science Association, February 10-13, 2019. Napa, California,

The spatial relationship between rooftop PV suitability and adoption factors – A Case Study of Buffalo, NY (with Torsten Schunder, Dameng Yin, and Krishna Rajan). Fall Meeting, American Geophysical Union (AGU), December 10-14, 2018. Washington, D.C.

The role of local-regional inputs and factors in ethanol production in the United States (with Peter Kedron). 65th Annual North American Meetings of the Regional Science Association International November 7-10, 2018. San Antonio, TX.

Geography of R&D and patenting in US biofuels (with Peter Kedron and Dieter Kogler). Annual Meeting of the American Association of Geographers. April 11, 2018. New Orleans, LA.

Regional Inequalities in the Role of Immigrants in Off-setting Population and Resultant Economic Decline (with Rachel Franklin). Regional Inequalities-Patterns, Causes, Effects and Policies, Marburg, Germany, March 14-16, 2018.

Refinery location and organizational adjustments in the U.S. biofuel sector. (with Peter Kedron and Dieter Kogler). North American Regional Science Association November 9, 2017. Vancouver, CA.

Innovation and Development in India. Session: Catching up with the frontier of innovation 1. Association of American Geographers Annual Meeting, April 5-9 2017. Boston, MA.

Policy and Industry co-Evolution in Bioenergy. Association of American Geographers Annual Meeting, March 29-April 2, 2016. San Francisco, CA

From individual to regional networks: Patterns and pathways in Biofuel innovation (with Peter Kedron and Dieter Kogler). iBegin Conference, November 13, 2015. Philadelphia, PA.

From individual to regional networks: Patterns and pathways in Biofuel innovation (with Peter Kedron and Dieter Kogler). Fourth Global Conference on Economic Geography, August 21, 2015: Oxford, UK.

The evolution of knowledge spaces in biofuel innovation networks. (with Peter Kedron and Dieter Kogler) Association of American Geographers Annual Meeting 2015, April 21-25, 2015: Chicago, IL.

Government policy and renewable energy: A study of United States biofuel production (with Peter Kedron). 61st Annual North American Meetings of the Regional Science Association International. November 12-15, 2014: Washington, DC.

Understanding innovation and industrial development in bioenergy (with Peter Kedron). Oklahoma State University, August 22, 2014: Stillwater, OK.

Understanding Emerging Biofuel R&D Networks Using Patent Data (with Peter Kedron and Dieter Kogler). Association of American Geographers Annual Meeting 2014, April 08-12, 2014: Tampa Bay, FL

Understanding Emerging Biofuel R&D Networks Using Patent Data (with Peter Kedron and Dieter Kogler). In *Economic Geography II - Evolutionary Paths of Invention*. Organizers: Dieter Kogler, Jennifer Clark and David Rigby). Annual Meeting of the Association of American Geographers, April 2014, Tampa.

A study of the emergence of the US biofuel industry: Implications for innovation, networks, and regional development (with Peter Kedron). *Regional Studies Association International Conference 2013*, December 16-18, 2013: Los Angeles, CA

Aging and the Internet: Usage, Perception, and Behavior (with R. Chakraborty, H.R. Rao, and S. Upadhyaya). In *Geographies of Successful Aging 1*. Organizers: I. Hardill and S. Lucas. Annual Meeting of the Association of American Geographers, April 2011, Seattle.

Interdependencies in New York's High Tech Sector: A Case of Bio-Pharmaceuticals. Annual Meeting of the Association of American Geographers, April 2009, Las Vegas.

Asian Latecomers: Entry Determinants of Indian Pharmaceuticals in the United States (with Peter Kedron). Annual Meeting of the Association of American Geographers, April 2009, Las Vegas.

Firm-level Diversity in Biomedical Biotechnology Sector in the United States (with Helen Lawton Smith), 25th celebration of Danish Research Unit for Industrial Dynamics, Copenhagen Business School, Copenhagen, June 18-20, 2008 (competitive selection of papers).

Conceptual and Methodological Challenges in Researching University Level Practices for Regional Development, Annual Meeting of the Association of American Geographers, April 2008, Chicago.

Retention of Cybersecurity Professionals: An Exploratory Study of Cybersecurity Scholars at the Second Global Conference on Economic Geography. June 25-28, 2007, Beijing, China.

Survival of an AIDS Cohort in Thailand (2000–2005) (with Chaitali Ghosh, presenter, and Annitra Jongsthapongpanth), 40th Annual Meeting of the Society for Epidemiologic Research Conference, June 2007, Boston, Massachusetts.

Global Pressures on Learning Regions/Clusters: Time Series Analysis of Biotech Firms (with Yael Levitte), part of the paper sessions on Global Economic Practices: Theories, Methods and Evidence IV, Annual Meeting of the Association of American Geographers, April 2007, San Francisco.

Understanding University-Industry Collaborations in Biotechnology (with Yael Levitte). Annual Meeting of the Association of American Geographers, March 2006, Chicago.

Role of Perceived Importance of Information Security: An Exploratory Study of Middle School Children's Information Security Behavior (S. Chai, S. Bagchi-Sen, C. Morrell, H.R. Rao and S. Upadhyaya), Informing Science and Information Technology Education joint conference (InSite 2006), Salford, England, June 25-28. (Best Paper Award).

A Framework for Understanding Minority Students' Cyber Security Career Interests (with S. Chai, H.R. Rao, and S. Upadhyaya), 12th Americas Conference on Information Systems, Acapulco, Mexico, 2006.

Characteristics, Strategies, and External Relationships of SMEs in the U.S. Agricultural Biotechnology Sector (with Jennifer Scully). Annual Meeting of the Association of American Geographers, March 2005, Denver.

National Science Foundation. Information Technology Workforce PI meeting. September 2004 (Philadelphia) and April 2006 (Raleigh).

Geographic Variations in Innovation and Business Performance in the U.S. Biotechnology Sector (with Aubrey Balcom). Annual Meeting of the Association of American Geographers, March 2004, Philadelphia.

A Study of Research, Product Development and Internationalisation in the U.S. Biotechnology Sector (with Aubrey Balcom), Regional Studies Association's conference on Reinventing Regions in the Global Economy, Pisa, Italy, April 12-15, 2003

The Role of R&D Alliances in Innovation: A Case of the U.S. Biotechnology Industry, Academy of International Business 2002 Annual Meeting, June 28-July 1, San Juan, Puerto Rico.

R&D Alliances in Biotechnology Innovation, Annual Meeting of the Association of American Geographers, April 2002, Los Angeles, CA.

An Analysis of the Spatial Variation in Innovation and Performance of Biotechnology Firms in the United States, (with Linda Hall) Annual Meeting of the Association of American Geographers, April 2000, Pittsburgh, PA.

Business Linkages in the BorderNet Region and Asia-Pacific Economies (with James E. McConnell), Annual Meeting of the Association of American Geographers, March 1999, Honolulu, Hawaii.

The Competitive Characteristics of Manufacturing Firms in Western New York and Southern Ontario (with Alan D. MacPherson), Annual Meeting of the Association of American Geographers, March 1998, Boston, MA.

An Analysis of Earnings Inequality among Sociodemographic Groups in the New York Metropolitan Area (with Patricia Baumgarten), Annual Meeting of the Association of American Geographers, March 1998, Boston, MA.

Strategic, Functional, and International Orientation of Small and Medium Sized Firms in an Industrially Declining Region: An Analysis of Public Accounting (with Linda Kuechler), North American Meeting of the Regional Science Association International, Niagara Falls, November 1997.

The Competitive Characteristics of Small- and Medium-Sized Manufacturing Firms in the U.S. and Canada: Empirical Evidence From a Cross-Border Region (with Alan D. MacPherson) North American Meeting of the Regional Science Association International, Niagara Falls, November 1997.

Success Determinants of Small and Medium Public Accounting Firms: Proactivity and International Orientation, colloquium presentation, Department of Geography, Syracuse University, April 11, 1997.

Industrial, Occupational, and Demographic Segmentation: An Analysis of Detroit's Labor Market (with Martin Camacho and Paul Mackun), Annual Meeting of the Association of American Geographers, April 1996, Charlotte, NC.

The Internationalization of Professional Services: A Study of Small and Medium Public Accounting Firms (with Linda Kuechler), Annual Meeting of the Association of American Geographers, April 1996, Charlotte, NC.

Shifts in Service Employment: An Analysis of Detroit's Labor Market (with Martin Camacho and Paul Mackun), 42nd North American Meeting of the Regional Science Association International, November 1995, Cincinnati.

Service Industries and Local Labor Markets, Annual Meeting of the Association of the American Geographers, March 1995, Chicago.

Trends in Industrial and Occupational Shifts In U.S. Metropolitan Areas, Annual Meeting of the Association of the American Geographers, March-April 1994, San Francisco.

An Analysis of U.S. Regional and Metropolitan Occupational Structure, North American Meetings of the Regional Science Association International, November 1993, Houston.

Regional Patterns of Industrial and Occupational Diversification (with Bruce Wm. Pigozzi), Annual Meeting of the Association of American Geographers, April 1993, Atlanta.

Economic Restructuring in Metro-Nonmetro Areas: Consequences of Sectoral Shifts in Michigan (with Betty Nordeng), Annual Meeting of the Association of American Geographers, April 1993, Atlanta.

Spatio-Temporal Dynamics of U.S. Fertility, 1970-1990 (with Kavita Pandit) Annual Meeting of the Population Association of America, April 1993, Cincinnati.

Foreign Direct Investment by U.S. Telecommunications Companies (with Parthavi Das), a Conference on the Privatization of Telecommunications in Eastern Europe and the Third World, April 30-May 1, 1993, Michigan State University, East Lansing, Michigan.

Buyer/Supplier Linkages of Foreign Manufacturing Firms in the United States (with Laura Birou), Annual Meeting of the Decision Science's Institute, November 1992, San Francisco.

Internationalizing the Curriculum, Poster Presentation at the Lilly Endowment Conference, April 1992, Callaway Gardens, Georgia.

Impact of Foreign Direct Investment by Two Modes of Entry (with Bruce Wm. Pigozzi), Annual Meeting of the Association of American Geographers, April 1992, San Diego.

The Spatial Dynamics of U.S. Population, 1960-1990 (with K. Pandit), Annual Meeting of the Association of American Geographers, April 1992, San Diego.

A Study of the Location of Foreign Acquisitions and New Plant Establishments in the U.S. Market, 14th Annual Applied Geography Conference, October 1991, Toledo, Ohio.

Occupational versus Industrial Diversification in the Economic Health of States (with Bruce Wm. Pigozzi) 22nd Annual Meeting of the MidContinent Regional Science Association, May-June 1991, Chicago.

Location Analysis of Acquisitions and New Plants in U.S. Manufacturing by Canadian, West European, and Japanese Investors, 29th Annual Meeting of the Southern Regional Science Association, April 1991, Miami.

An Examination of the Employment Effects of Foreign Direct Investment in the U.S. Manufacturing Sector, Annual Meeting of the Association of American Geographers, April 1991, Miami.

The Determinants and Consequences of the Offshore Location of Services (with Mark I. Wilson), Annual Meeting of the North American Regional Science Council, November 1990, Boston.

The Economic Impact of Foreign Direct Investment in the United States, Contemporary Issues Symposium (Windows on Our Global Future), College of Social Science, Michigan State University, October 1990, East Lansing, Michigan.

Factors Affecting Foreign Direct Investment in the United States, Society for International Development, Michigan State University, April 1990, East Lansing, Michigan.

Locational Dynamics of Foreign Direct Investment in U.S. Producer Services, 28th Annual Meeting of the Southern Regional Science Association, March 1990, Washington, D.C.

Foreign Direct Investment in U.S. Food and Fiber Industries (with Kevin T. McNamara), North American Meeting of the Regional Science Association, November 1989, Santa Barbara.

FDI in Finance Insurance and Real Estate in the United States, Annual Meeting of the Association of American Geographers, March 1989, Baltimore.

Temporal and Spatial Dynamics in Foreign Direct Investment in U.S. Metropolitan Areas: An Empirical Analysis Using the Expansion Method, North American Meeting of the Regional Science Association, November 1988, Toronto.

Growth of Foreign Direct Investment in the United States, 1974-1983, 43rd Annual Meeting of the Southeastern Division, AAG, November 1988, Mobile, Alabama.

Foreign Direct Investment in the U.S. Metropolitan Service Sector, 1974-1983, Annual Meeting of the Association of American Geographers, April 1988, Phoenix.

Foreign Direct Investment in the Major U.S. Metropolitan Areas, 42nd Annual Meeting of the Southeastern Division, AAG, November 1987, Charlotte, NC.

Factors in Indian Immigration to the United States, 1965-1985, 63rd Annual Meeting of the Georgia Academy of Science, May 1986, Milledgeville, Georgia.

Professional Service

Chair and Discussant. Energy and Environment, 66th Annual North American Meetings of the Regional Science Council, November 13-16, 2019. Pittsburgh, PA.

Organizer and Panelist. Gender, entrepreneurship, and innovation: a regional perspective, Annual Meeting of the American Association of Geographers, April 2-7, 2019. Washington, D.C.

Chair and Discussant. Regional and Rural Development IV: Natural Resources and Regional Development, 65th Annual North American Meetings of the North American Regional Science Council, November 7-10, 2018. San Antonio, TX

Conference Organizer (with Lois Weis). An international conference on Universities and Regional Development, Baldy Center for Law and Social Policy, Buffalo, NY. April 2018. Conference Deliverable: A special issue of *International Regional Science Review* (planned) with co-editor Elizabeth Mack, Michigan State University.

Organizer and Chair (with Henry Yeung). Publishing books with top university presses and commercial publishers. Panelists: Beth Clevenger (MIT Press), Jeff Dean (Harvard Press, Michael Storper (UCLA), Rob Kitchin (Maynooth, Ireland), and Emily Yeh (Colorado), American Association of Geographers Annual Meeting, April 5-9, 2017, Boston, MA.

Chair. Biofuels, Bioenergy, and the Emerging Bio-Economy IV: Transitions II (4 papers), American Association of Geographers Annual Meeting, April 21-25, 2015, Chicago, Illinois

Organizer. Biofuels, Bioenergy, and the Emerging Bio-Economy III: Transitions I (5 papers), American Association of Geographers Annual Meeting, April 21-25, 2015, Chicago, Illinois

Discussant. Economic Geography VI - Scientific Labour Markets, Universities, Industry, and Economic Development (5 papers), American Association of Geographers Annual Meeting, April 21-25, 2015, Chicago, Illinois

Session Organizer and Chair. The Role of Policy in Geographies of Economic Development. Organizers: Helen Lawton Smith and S. Bagchi-Sen. Annual Meeting of the Association of American Geographers, Tampa, April 2014

Discussant. Papers (4) presented at the session Economic Geography VII - Innovation Linkages: Local-Global Networks and Partnerships. Organizers: Dieter Kogler, Heidi Aslesen, and David Rigby. Annual Meeting of the Association of American Geographers, Tampa, April 2014.

Coordinator and Advisor. Visiting graduate students (3) from Handels School of Business, Economics, and Law, Gothenburg University, Sweden. Fall 2013.

Reviewer. Two book proposals and chapters from Wiley and one book manuscript from Stanford University Press reviewed in 2013.

Conference Organizer (with Maureen McKelvey and Mats Magnusson, Institute of Innovation and Entrepreneurship at Department of Economy and Society, University of Gothenburg; University of Buffalo; Royal Institute of Technology; and IMIT). Business Strategy and Innovation Spaces in China and in India, Institute of Innovation and Entrepreneurship, Handels School of Business, Economic, and Law, Gothenburg University, Gothenburg, Sweden. February 20-22, 2013.

Panelist. Publishing in the Annals of the Association of American Geographers (Annals) and The Professional Geographer (PG). Organizer: Chair of AAG's Publications Committee.

Panelists: Editors and Book Editors of the Annals and The PG. The Association of American Geographers' Annual Meeting, 2007 (San Francisco), 2008 (Boston), 2009 (Las Vegas), 2010 (Washington, D.C.) and 2011 (Seattle).

Introducer. Panel Session on Meaning of and Motivations for "Work" II. Organized by Irene Hardill. The Association of American Geographers' Annual Meeting, 2007, San Francisco.

Session Organizer (with Helen Lawton Smith). Regional Innovation Systems: Theory Methods and Practice 1: Regional Innovation Systems and Technology and Regional Innovation Systems: Theory Methods and Practice 4: New Industries. The Association of American Geographers' Annual Meeting, 2006, Chicago.

Panel Organizer (with Beth Mitchneck). Advancing Geography in the Academe. The Association of American Geographers' Annual Meeting, 2005, Denver. Panelists: Rodney Erickson (Pennsylvania State University), Susan Hanson (Clark University), Duane Nellis (Kansas State University), Tom Baerwald (National Science Foundation), Janice Monk (University of Arizona), Risa Palm (Louisiana State University).

Panel Organizer (with Mei-Po Kwan). Women Advancing Geographic Research. The Association of American Geographers' Annual Meeting, 2005, Denver. Panelists: Susan L. Cutter (University of South Carolina), Nina Lam (Louisiana State University), Sara McLafferty (University of Illinois), Donna J. Peuquet (Pennsylvania State University), Catherine Souch (Indiana University), Dawn J. Wright (Oregon State University), Marilyn Raphael (University of California-Los Angeles), Julie Winkler (Michigan State University).

Session Chair. Innovation, Networks, and Policy. Session organized by Helen Lawton Smith and Bjorn Asheim, The Association of American Geographers' Annual Meeting, 2005, Denver.

Panel Organizer (with Helen Lawton Smith). Five panels (28 participants) on Economic Geography: Then, Now and the Future. Sponsors: The Economic Geography Specialty Group and *Economic*

Geography. The Association of American Geographers' Annual Meeting, March 2004, Philadelphia.

Panel Organizer (with Mei-Po Kwan). Women in Administration. Sponsors: Committee on the Status of Women in Geography and GPOW. The Association of American Geographers' Annual Meeting, March 2004, Philadelphia.

Session Organizer (with Helen Lawton Smith). Two sessions on Regional Innovation Systems. Sponsor: Economic Geography Specialty Group. The Association of American Geographers' Annual Meeting, March 2004, Philadelphia.

Conference Organizer (with Shubha Ghosh). An international conference on Law, Technology and Development, March 2003, Baldy Center for Law and Social Policy. Twelve invited speakers. Conference Deliverable: A special issue of *Law and Policy*.

Session Chair. Regional Studies Association's conference, April 2003, Pisa, Italy.

Session Organizer and Chair. Innovation Geographies: Clusters, Networks and Globalization, Academy of International Business, June-July 2002, San Juan, Puerto Rico.

Session Organizer and Chair. International Perspectives on Innovation in Biotechnology, The Association of American Geographers' Annual Meeting, March 2002, Los Angeles, CA.

Invited Panelist. Annual Retreat: Research Methodology in Law and Social Sciences, Baldy Center for Law and Social Policy, Law School. University at Buffalo, December 1998.

Reviewer. National Science Foundation and European Research Foundation proposals

Reviewer. Journal articles for the *Annals of the Association of American Geographers*, *The Canadian Geographer*, *Geographical Analysis*, *Gender, Place and Culture-A Journal of Feminist Geography*, *Growth and Change*, *Economic Geography*, *Economic Development Quarterly*, *Environment and Planning A*, *European Planning Studies*, *Industry and Innovation*, *International Regional Science Review*, *Journal of Geography in Higher Education*, *Landscape and Urban Planning*, *Papers in Regional Science-the Journal of the RSAI*, *Progress in Human Geography*, *Regional Studies*, *Small Business Economics*, *Urban Geography*.

Reviewer. Research articles for Decision Sciences Institute's Annual Meeting, November 1992, San Francisco.

Session Organizer and Chair. One session on "Spatial Aspects of International Business" at the Annual Meeting of the Association of American Geographers (sponsored by the Economic Geography Specialty Group), March 1998, Boston, MA.

Session Organizer, Chair, and Discussant. Two sessions: Industrial Change and the Service Economy II and III. Chair: Industrial Change and Service Economy I and IV. Discussant for two

papers. North American Meetings of the Regional Science Association International, November 1997, Buffalo, NY.

Session Organizer. Two sessions on "Labor Geography" at the Annual Meeting of the Association of American Geographers (Session I sponsored by the Urban Geography Specialty Group and the Industrial Geography Specialty Group and Session II sponsored by the Urban Geography Specialty Group and the specialty group on Geographic Perspectives on Women), March 1996, Charlotte, NC.

Session Organizer. Two sessions on "Economic Restructuring and Labor Markets" at the Annual Meeting of the Association of American Geographers (both sessions were sponsored by the Industrial Geography Specialty Group), March 1995, Chicago.

Session Chair. Social and Cultural Issues. India Council Symposium, April 1992, Michigan State University, East Lansing, Michigan.

Session Organizer. Annual Meeting of the Association of American Geographers (session sponsored by the Industrial Geography Specialty Group), April 1991, Miami.

Session Organizer and Discussant. Services (2): Externalization and Offshore Relocation. Annual Meeting of the North American Regional Science Council, November 1990, Boston.

Organizer (Session I and II) and Chair (Session II). Foreign Direct Investment in the United States: Sessions I and II. 28th Annual Meeting of the Southern Regional Science Association, March 1990, Washington, D.C.

Organizer and Speaker. Quantitative Workshop on "Moran's I - Measures of Spatial Autocorrelation and Modeling Aspects," Department of Geography, University of Georgia, May 17, 1989.

Invited Participant. Conference on Global Partners: Local Communities and Japanese Transplants, October 1992. Organized by Illinois Wesleyan University and The Japan Foundation Center for Global Partnership, Bloomington, Illinois. (could not attend).

Invited Speaker. Workshop on Internationalizing the Business Curriculum: Broadening Perspectives to Expand Horizons, October 1992. Organized by the Center for International Business Education and Research, Michigan State University, East Lansing, Michigan. Topic: The Internationalization of Economic Activity: Spatial-Temporal Perspectives.

Invited Speaker. A Presentation on "Mentoring" for the Diversity Workshop for Chairs, April 1992, Michigan State University, East Lansing, Michigan.

Invited Participant. A Discussion on Integrating Gender into the Undergraduate Curriculum (program title: Between the Lines), WKAR-TV, August 1991. East Lansing, Michigan.

Invited Participant. A Career Seminar (later named the Miami-Group) at the Annual Meeting of the Association of American Geographers, April 1991, Miami.

Invited Speaker. "Geography of South Asia," Workshop on Cultural Diversity: An Asian American View for teachers in the Lansing Public Schools. Organized by Community Volunteers for International Programs, Center for International Programs, Michigan State University. March 26, 1991, Lansing, Michigan.

Participant. Workshop on Internationalizing the Curriculum. Organized by International Studies and Programs, Michigan State University, March 25, 1991, East Lansing, Michigan.

Membership in Professional Organization

The Association of American Geographers (current)
North American Regional Science Council (current)
Academy of International Business (past)
Academy of Management (past)

Service

2019-2020: Member. School of Engineering and Applied Sciences (SEAS) Dean Search Committee, University at Buffalo.

xxxx: Panelist. Cyberinfrastructure for Sustained Scientific Innovation (CSSI) Advisory Panel, Office of Advanced Cyberinfrastructure Programs. National Science Foundation.

2019: External Reviewer. Dean's External Review Team for the Department of Geography, Planning, and Environment, East Carolina University. October 2019.

2019: Scientific Committee, 2019 Technology Transfer Society Annual Conference, September 26-28, Toronto, Canada.

2019: Selection Committee of the Distinguished Postdoc Mentor Award, Graduate School, UB.

2018: Advisory Board, 5th Global Conference on Economic Geography, July 24-27, Cologne, Germany.

2018: External Reviewer. Dean's External Review Team for the Department of Geography and Planning, University of Toledo. April 2018.

xxxx-xxxx, xxxx: Panelist. Science of Science and Innovation Policy (SciSIP) Advisory Panel, National Science Foundation.

xxxx: Panelist. GRFP Advisory Panel, National Science Foundation.

2013-Present: International Academic Advisory Council to the Dean, School of Business, Economics, and Law, University of Gothenburg, Gothenburg, Sweden.

2014-Present: Visiting Fellow, Center for Innovation Management Research, Birkbeck, University of London, UK.

2017: Chair, Dean's Review committee (Social Work), Provost's Office, University at Buffalo.

2017-Present: Chair: Metrics and Applied Research committee, Office of the Vice Provost of Inclusive Excellence, University at Buffalo.

2017-2019: Chair, Asian Studies Advisory Council, Asian Studies Program, University at Buffalo.

2017-Present: Member, Asian Studies Executive Committee (ASEC), University at Buffalo.

2017: Committee Member, Gender Equity in Salary Study, UB Provost and Faculty Senate.

2016-2017: Search Committee Member, Dean Search, UB Law School.

2010-2016 (two terms): Chair, Department of Geography, University at Buffalo.

2016: Expert Advisor, Academic Appointments Board at the School of Business, Economics and Law, University of Gothenburg, Sweden.

2016-Present: Advisory Board, Center for the Integration of Research, Teaching and Learning (CIRTL), University at Buffalo.

2016, 2017: Selection Committee, Postdoc Distinguished Mentor Award, Graduate School, University at Buffalo.

2016: International Scientific Committee, International Conference Regional Helix, June 29-July 1, Castelo Branco, Portugal.

2015-Present: Member, Provost's Diversity Council, University at Buffalo.

2015-2017: Committee Member, Committee on Integrative Learning, Vice Provost and Dean of Undergraduate Education, University at Buffalo.

2014-2015: Faculty Selection Committee. Excellence in Graduate Student Mentoring Award program, Graduate School, University at Buffalo.

2014-Present: Advisory Board Member. Transforming Institutions by Gendering Contents and Gaining Equality in Research. Birkbeck – University of London.

2014-2015: Committee Member, Integrative Theme Cluster, General Education Reform Committees, University at Buffalo.

2013, 2014, 2015: Committee Member. Advanced Honors Program Admissions Committee. Honors College, University at Buffalo.

2012, 2014, 2016: Panel Member, Presidential Scholarship Interviews, University Honors College, University at Buffalo.

xxxx: Panelist, Sustainable Energy Pathways Program (SEP), National Science Foundation.

2010-2016: Member of Faculty Advisory Committee, Civic Engagement and Public Policy, UB2020 Academic and Strategic Strength.

2010-2015: Member of the Advisory Council to the Provost for Baldy Center for Law and Social Policy.

2010: External Reviewer. Dean's External Review Team for the Department of Geography, College of Social Science, Michigan State University. April 2010.

2009-2010: Co-Director, Institute for Research and Education on Women and Gender, University at Buffalo.

xxxx-xxxx: Senior Panelist, Geography and Spatial Science, National Science Foundation.

2009-2012: Faculty Advisory Committee. The Boren Scholarship and Fellowship, Institute of International Education (IIE), University at Buffalo.

2009-2010, 2010-2011: Review Committee Member. Faculty Diversity Program Awards (established to recruit exceptional faculty to SUNY campuses). Office of the Vice Provost, Diversity and Educational Equity, SUNY, Albany.

2009: Scientific Advisory Committee. Business in Asia conference. Institute of Innovation and Entrepreneurship, Goteborg University, Goteborg, Sweden. Dec 9-10, 2009. Host: Maureen McKelvey and Mats Magnusson.

2009-2010: ACE Fellows Program Application Reviewer. ACE Fellows Program, American Council on Education, One Dupont Circle NW, Washington DC 20036.

2009-2010: Co-Director, Institute for Research and Education on Women and Gender, University at Buffalo.

2009-2012: Member, Commission on Academic Excellence and Equity, Office of the Provost and Faculty Senate, University at Buffalo.

2009-2012: Advancement Sub-committee Chair, Commission on Academic Excellence and Equity, Office of the Provost and Faculty Senate, University at Buffalo.

2000-2006, 2008-2010: Advisory Committee, Baldy Center for Law and Social Policy, University at Buffalo Law School.

2008-Present: Member, Faculty Council, Undergraduate Academies (Research), Vice Provost for Undergraduate Education, University at Buffalo.

1994-1999, 2008-present: Member, Asian Studies Council, Asian Studies, University at Buffalo.

2008-Present: Co-Founder/Co-Convener, Law, Space and Place Working Group, Baldy Center for Law and Social Policy.

2008: External Ph.D. Examiner. Aston Business School, Birmingham, UK. Supervisor: Professor Stephen Roper, Head of Economics and Strategy Group, Student: Helen Xia. Topic: A comparison of the role of alliances and absorptive capacity in product development in US and European biotech firms.

2006-2007: Member, Provost's Internationalization Taskforce, University at Buffalo.

2007-Present: Reviewer - Reappointment, Promotion and Tenure. Buffalo State College, Clark University, Georgia Tech, Michigan State University (2 cases), University of California-Riverside, University of North Carolina-Charlotte, University of North Carolina-Greensboro, University of Iowa, University of North Texas, University of South Florida, University of Toledo (2 cases), University of Toronto (3 cases), University of Wisconsin-Milwaukee, Texas Tech University.

2007-2008: Member, Faculty Senate Executive Committee, University at Buffalo.

2007-2008: Member, Faculty Senate, University at Buffalo.

2007-2010: Member, Executive and Steering Committee, Institute for Research and Education on Women and Gender, University at Buffalo.

2007-2010: Co-Chair. Work-Life Committee, Institute for Research and Education on Women and Gender, University at Buffalo.

2005-2006: Chair. Committee on the Status of Women in Geography, Association of American Geographers.

2005-2006: Search Committee Chair. Economic Geography and International Trade Cluster, Department of Geography, University at Buffalo.

2005-2008: Member. Awards Committee, Department of Geography, University at Buffalo.

2000-2004: Director of Graduate Studies (elected for two terms, stepped down in December 2004 to accept the editorship of *The Professional Geographer*), Department of Geography, University at Buffalo, July 1, 2000-December 31, 2004 (14 semesters, including summer sessions).

2004-2005: Search Committee Member (appointed), Vice President for Research, University at Buffalo.

2004-2005: Search Committee, Joint Faculty Appointment – College of Arts and Science and The Law School, University at Buffalo.

2004-2008: Member (elected), Awards, Promotion and Tenure Committee, College of Arts and Sciences, University at Buffalo, 2004-2008 (elected by college faculty, stepped down in 2006 to accept the American Council on Education Fellowship).

2003: Member, Selection Committee, Minority Higher Education Management Program at UB.

2003-2006: Member, Committee on the Status of Women in Geography, Association of American Geographers.

2002-2004: Board Member (elected), Economic Geography Specialty Group, Association of American Geographers.

July 1, 2000 – Dec 31, 2004: Director of Graduate Studies (elected, two terms), Department of Geography, University at Buffalo.

2000: Member (appointed by the Executive Director of the Association of American Geographers), Nystrom Dissertation Awards Committee, AAG.

1999-2002: Member, Steering Committee, Institute for Research and Education on Women and Gender, University at Buffalo.

1998: External Reviewer. External reviewer of a proposal submitted by Daemen College (Buffalo), Business Division to the State Education Department, The University of the State of New York, Division of College and University Evaluation. Title of the Proposal: Master of Science in Global Business. Date of Application: Spring 1998. Date of Approval: October 1998.

1998-1999, 2009-Present: Member, Executive Committee, Institute for Research and Education on Women and Gender, University at Buffalo.

1997-1998: Member, Search Committee, International Trade Cluster, Department of Geography, University at Buffalo.

1997-1998: Member, Provost's Advisory Committee on Academic Information and Planning, University at Buffalo.

1997-1999: Member, Social Science Policy Committee, Faculty of Social Sciences, University at Buffalo.

1998: Internship coordinator from the Department of Geography for the Export New York Program initiated by Western New York International Trade Council (Source of funding: Niagara Mohawk).

1998: Member, Ad-Hoc Committee on Hiring Priorities, Department of Geography, University at Buffalo.

1995-1997; Member, Graduate Committee, Department of Geography, University at Buffalo.

1994-1997: Colloquia Organizer, Department of Geography, University at Buffalo (weekly events).

1994-1997: Human Geography Curriculum Revision Committee, Department of Geography, University at Buffalo.

1991: GIS Faculty Search Committee, Department of Geography, Michigan State University.

1991: Departmental Goals and Mission Committee, Department of Geography, Michigan State University.

1991-1992: University Awards Screening Committee, Michigan State University.

1990-1992: The International Comparative Research Committee, College of Social Science, Michigan State University.

1989-1990: Graduate Awards Committee, Department of Geography, Michigan State University.