

## **Ann Roell Markusen**

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## **Teaching and Other Professional Positions**

- 2004-5 Fesler-Lempert Chair in Urban and Regional Affairs, University of Minnesota
- 1999-present Professor of Planning and Public Policy and Graduate Faculty Geography  
Director, Project on Regional and Industrial Economics  
Humphrey Institute of Public Affairs  
University of Minnesota
- 2002 Senior Fellow  
Public Policy Institute of California, San Francisco
- 1995- 2002 Senior Fellow  
Council on Foreign Relations  
New York, NY
- 1989 - 1999 State of New Jersey Professor of Urban Planning and  
Policy Development  
Director, Project on Regional and Industrial Economics  
Rutgers University
- 1986 - 1989 Professor of Social Policy and Urban Affairs  
Northwestern University
- 1983 - 1986 Associate Professor  
Department of City and Regional Planning  
University of California - Berkeley
- 1983 Fulbright Lecturer in Regional Development Economics  
Universidade Federal de Minas Gerais  
Belo Horizonte, Brazil
- 1977 - 1983 Assistant Professor  
City and Regional Planning  
University of California - Berkeley

- 1976 - 1977 Economic Policy Fellow  
Brookings Institution  
Washington, DC
- 1973 - 1977 Assistant Professor  
Department of Economics  
University of Colorado
- 1970 - 1972 Research Economist  
Office of the Speaker  
Michigan House of Representatives, Lansing, MI

## Education

- Ph.D. Economics Michigan State University 1974  
Thesis: "The Economics of Social Class and Metropolitan Local Government"  
Fields: Regional Economics, Public Finance, Industrial Organization
- M.A. Economics Michigan State University 1972
- B.S.F.S. History, Georgetown University 1968  
Government, School of Foreign Service  
Economics

## Fellowships, Scholarships, Awards, Honors

- Residency, Rockefeller Study and Conference Center, Bellagio, Italy, 2003
- ACSP-HUD Award of Excellence in Urban Policy Scholarship, 2000
- President, North American Regional Science Association, 2000
- German Academic Research Foundation, Visiting Faculty Fellowship,  
University of Dortmund, 1997
- Walter Isard Award for Outstanding Scholarly Achievement  
North American Regional Science Association, 1996
- George F. Kennan Award for Contributions to Peace  
New Jersey Peace Action, 1993
- Joe Magarac Lifetime Achievement Award  
Tri-State Conference on Steel, Pittsburgh, 1993

Chester Rapkin Award, best article in the *Journal of Planning Education and Research*. 1992. With Catherine Hill and Sabina Deitrick.

Chester Rapkin Award, best article in *Journal of Planning Education and Research*. 1988

Commencement Address, Department of Geography, University of California, Berkeley, June, 1981.

Outstanding Teacher, University of Colorado Teaching Award, 1974 -1975, one of eight faculty members chosen

Outstanding Doctoral Dissertation Award, National Tax Association/Tax Institute of America, 1974

Michigan State University Graduate School Scholarships, 1968, 1970

NDEA Fellowship, Michigan State University, Department of Economics, 1968 - 1969

William F. Notz Medal for Outstanding Economics Student, Georgetown University, Class of 1968

Phi Beta Kappa, Honors, National History and Political Science Honors Societies, Georgetown University

## **Grants**

Signature Studies, Reining in the Competition for Capital, Humphrey Institute of Public Affairs, University of Minnesota, 2003-4

Faculty Interactive Research Grant, Center for Urban and Regional Affairs, University of Minnesota, 2003-4

National Science Foundation, Geography and Regional Science, Support for Research on Occupations and Regional Development, 2002-4.

The Ford Foundation, Support for the Roundtable on the Geo-Economics of Military Preparedness, Council on Foreign Relations, 2000-2002.

The Ford Foundation, Support for the Study Group on the Arms Trade and the Transnationalization of the Defense Industry, Council on Foreign Relations, 1998-2000.

The Ford Foundation, Support for Research on Defense Conversion in Developing Countries, 1997-99.

Rockefeller Financial Services, Support for Research on Downsizing Military Industrial Economies: a Comparative Approach, 1997.

The John D. and Catherine P. MacArthur Foundation, Support for Study Group on Defense Conversion, Council on Foreign Relations, 1995-8.

The John D. and Catherine P. MacArthur Foundation, Support for Research on Downsizing the Military Industrial Economies: A Comparative Analysis, 1996-98

Russell Sage Foundation, Support for Research on Workplace Change and Social Outcomes in the Pharmaceutical Industry, 1996-97

Institute for the Study of World Politics, Support for Research on Comparative Studies in Decentralization in Developing Countries, 1996-97 (Dissertation support)

National Science Foundation, Support for Research on Converting the Industrial Assets of Cold War Science, 1995-96 (Dissertation support)

U. S. Department of Housing and Urban Development, Support for Research on the Role of Government Redeveloping Former Military Bases for Housing and Jobs, 1995-97 (Dissertation Support)

The John D. and Catherine P. MacArthur Foundation, Support for Research and Policy Work on the Transition to a Peace Economy, 1993-96

The Joyce Mertz-Gilmore Foundation, Support for Ongoing Research, Public Policy and International Networking on Converting the Military Industrial Economy to Civilian Activity, 1993-96

The Joyce Foundation, A Study of Best Practice Defense Firm Conversion, 1993-94

National Science Foundation, Four Country Comparison on the Formation and Significance of New Industrial Districts, 1992-95

The Tides Foundation, Conversion Research and Public Policy, 1992

The Twenty-First Century Project, Agenda-building on National Technology, 1992

Economic Policy Institute, Research on the Military Industrial Economy, 1991-92

Joyce Foundation Grant for a Workshop on Industrial Policy and National Needs, 1991

National Science Foundation, Research on Regional Development Theory and Practice: A Korean/American Comparison, 1991-93

Ploughshares Foundation Grant for Research on Industry-based Leadership on Economic Conversion, 1989 -90

National Science Foundation, Research on Regional Labor Pool Formation and Occupational Structure in U.S. Defense-Oriented Industries, 1989 -91

Mott Foundation, Research on International Trade and State/Local Economic Development, 1988 -89

National Science Foundation, Research on the Location of Military-Related Manufacturing, 1985 -87

City of Chicago, Research Award for Study on Steel and Southeast Chicago, 1984-85

Office of Technology Assessment, Research on High Technology and Spatial Structure, 1983

National Science Foundation Grant for Research on High Technology and Spatial Structures, 1982 -84

California Commission on Industrial Innovation. Study of the Software Industry as Employment Generator in California, 1982

### **Books and Monographs**

*The Artistic Dividend: The Hidden Contributions of the Arts to the Regional Economy.* Ann Markusen and David King. Minneapolis, MN: Project on Regional and Industrial Economics, University of Minnesota, July.

*From Defence to Development? International Perspectives on Realizing the Peace Dividend.* 2003. Ann Markusen, Sean DiGiovanna and Michael Leary, eds. London: Routledge.

*America's Peace Dividend.: Essays on the Achievements of the 1990s and the Challenges Ahead.* 2000. Edited volume. New York: Columbia International Affairs On-line.

*Arming the Future: A Defense Industry for the Twenty-First Century.* 1999. With Sean Costigan, eds. New York: Council on Foreign Relations Press.

*Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States.* 1999. With Yong Sook Lee and Sean DiGiovanna, eds. Minneapolis: University of Minnesota Press.

*Trading Industries, Trading Regions.* 1993. With Helzi Noponen and Julie Graham, (eds). New York: Guilford Press.

*Dismantling the Cold War Economy.* 1992. With Joel Yudken. New York: Basic Books.

*The Rise of the Gunbelt.* 1991. With Peter Hall, Sabina Deitrick, and Scott Campbell. New York: Oxford University Press.

*Regions: The Economics and Politics of Territory.* 1987. Totowa, New Jersey: Rowman and Allenheld.

*High Tech America: The What, How, Where and Why of the Sunrise Industries.* 1986. With Peter Hall and Amy Glasmeier. London and Boston: Allen and Unwin.

*Profit Cycles, Oligopoly and Regional Development.* 1985. Cambridge, MA: MIT Press.

*Silicon Landscapes.* 1985. With Peter Hall (ed.). London and Boston: Allen and Unwin.

### Refereed Journal Articles

Targeting Occupations in Regional and Community Economic Development.” 2004. *Journal of the American Planning Association*, Vol. 70, No. 3: 253-268.

“The Work of Forgetting and Remembering Places.” 2004. *Urban Studies*, Volume 41, No 12.

“Gauging Metropolitan “High Tech” and “I-Tech” Activity.” 2004. With Karen Chapple, Gregory Schrock, Dai Yamamoto, and Pingkang Yu. *Economic Development Quarterly*, Vol. 18, No. 1: 10-29.

“High Tech Rankings, Specialization and Relationship to Growth: A Rejoinder.” 2004. With Karen Chapple, Greg Schrock, and Dai Yamamoto. *Economic Development Quarterly*, Vol. 18, No. 1: 44-49.

"Fuzzy Concepts, Scanty Evidence, Policy Distance: The Case for Rigor and Policy Relevance in Critical Regional Studies." 2003. *Regional Studies*, Vol. 37, No 6/7: 701-717. Reprint of earlier version in *Regional Studies*, Vol. 33, No. 9: 869-884.

“On Conceptualization, Evidence, and Impact: A Response to Hudson, Lagendijk and Peck.” 2003. *Regional Studies*, Volume 37, No. 6/7: 747-51.

“The Arms Trade as Illiberal Trade.” 2005. *Defence and Peace Economics*, forthcoming. Also in Jurgen Brauer and J. Paul Dunne, eds. *Arms Trade Offsets: Theory, Policy, and Case Studies*, London: Routledge, 2004.

“The Case against Privatizing National Security.” 2003. *Governance*, Vol. 16, No. 4: 471-501.

“An Actor-Centered Approach to Economic Geographic Change.” *Annals of the Japan Association of Economic Geographers*, Vol. 49, No. 5: 395-408. In English. Also published as *Mudança Econômica Regional, Segundo o Enfoque Centrado no Ator*. In Clelio Camplina Diniz and Mauro Borges Lemos, eds. *Economia e Espaço*. Belo Horizonte: Editora UFMG, Universidade Federal de Minas Gerais, in Portuguese, 2004.

“Two Frontiers for Regional Science: Regional Policy and Interdisciplinary Reach.” 2002. *Papers of the Regional Science Association International*, Vol. 81, No. 2:

- “Continuity and Change in Regional Planning and Policy: Scholarship in the Style of William Alonso. 2001. *International Regional Science Review*, Vol. 24, No. 3: 396-403.
- “Regions as Loci of Conflict and Change: The Contributions of Ben Harrison to Regional Economic Development.” 2001. *Economic Development Quarterly, Economic Development Quarterly*, Vol. 15, No. 4: 291-98.
- “Do Regions Matter? Evidence from Twelve Defense Downsizing Regions.” 2000. With Catherine Hill. *Berkeley Planning Journal*, Vol. 14: 82-103.
- "The Regional Role in Post Cold War Military Industrial Conversion." 2000. With Michael Brzoska. *International Regional Science Review*, Vol. 23, No. 1: 3-24.
- "Remaking the Military Industrial Relationship: A French-American Comparison." 2000. With Claude Serfati. *Defence and Peace Economics*, Vol. 11, No. 3: 1-29.
- “The Activist Intellectual.” 2000. *Antipode*, Vol. 33, Issue 1: 39-48.
- “New Industrial Cities? The Four Faces of Silicon Valley” 1998. With Mia Gray, Elyse Golob and Sam Ock Park. *Review of Radical Political Economics*, Vol. 30, No. 4: 1-27. Reprinted as "The Four Faces of Silicon Valley," in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 291-310.
- “Trade and American Cities: Who Has the Comparative Advantage? 1997. With Helzi Noponen and Karl Driessen. *Economic Development Quarterly*, Vol. 11, No. 1.
- “Is There a Trade and Defense Perimeter? State Patterns of Trade and Defense Spending in the United States, 1977-1986.” 1996. With Helzi Noponen, Karl Driessen and Yang Shao. *Growth and Change*, Vol. 27, No. 4: 405-433.
- “National Laboratories as Business Incubators and Region Builders.” 1996. With Michael Oden. *Journal of Technology Transfer*, Vol. 21, Nos 1-2: 93-108.
- "Understanding American Defense Industry Mergers." 1999. In Akira Hattori, ed., *Ajiani Heiwao Motarasu Keisaikousou (The Security and Economy of Asia)*. Tokyo: ECAAR-Japan Secretariat.
- “Big Firms, Long Arms: A Portrait of a ‘Hub and Spoke’ Industrial District in the Seattle Region.” 1996. With Mia Gray and Elyse Golob. *Regional Studies*, Vol. 30, No. 7: 651-66. Reprinted as "Seattle: A Classic Hub-and-Spoke Region" in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 267-289.
- "The Interaction between Regional and Industrial Policies: Evidence from Four Countries (Korea, Brazil, Japan, and the United States)." 1996. *International Regional Science*

*Review*, Vol. 19, Nos. 1 & 2: 49-77. Shorter version published in *Proceedings, Annual World Bank Conference on Development Economics, 1994*: 279-298. Reprinted as "National Contexts and the Emergence of Second Tier Cities," in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 65-94.

"Sticky Places in Slippery Space: a Typology of Industrial Districts." 1996. *Economic Geography*, Vol. 72, No. 2: 294-314. Translated into Portuguese and published as "Areas de Atração de Investimentos em um Espaço Econômico Cambiante: uma Tipologia de Distritos Industriais," *Nova Economia*, Vol. 5, No. 2: 9-44. Translated and reprinted as "Des Lieux-aimants dans un Espace Mouvant: une Typologie des Districts Industriels" in Georges Benko and Alain Lipietz, eds. *La Richesse des Régions: la nouvelle géographie socio-économique*. Paris: Presses Universitaires de France, 1999: 85-119. Reprinted in Trevor Barnes and Meric Gertler, eds, *The New Industrial Geography: Regions, Regulation and Institutions*. London: Routledge, 1999: 98-124. Reprinted in John Bryson, Nick Henry, David Keeble and Ron Martin, eds. *The Economic Geography Reader*. Chichester: John Wiley, 1999: 191-200. Reprinted as "Four Structures for Second Tier Cities," in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 21-42.

"Research, Teaching and Policy on the Military Industrial Economy: The State of the Art." 1995. With William Weida. *Peace Economics, Peace Science and Public Policy*, Vol. 2, No. 3: 1-20.

"Generalizing New Industrial Districts: A Theoretical Agenda and an Application from a Non-Western Economy." 1994. With Sam Ock Park. *Environment and Planning A*, Vol. 27: 81-104. Portions reprinted as "Kumi and Ansan: Dissimilar Korean Satellite Platforms," in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 147-161.

"Studying Regions by Studying Firms". 1994. *The Professional Geographer*. Vol. 46, No. 4: 477-90. Reprinted in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 43-63.

"Multi-Polarity and the Layering of Functions in World Cities: New York City's Struggle to Stay on Top." 1994. With Vickie Gwiasda. *The International Journal of Urban and Regional Research*. Vol. 18, No. 2:167-193.

"American Federalism and Regional Policy." 1994. *International Regional Science Review*, Vol. 16, No. 1: 3-16. Reprinted as "Amerykanski Federalizm, a Polityka Regionalna." In *Kierunki Rozwoju Lokalnego i Regionalnego w Polsce*. Osuchow, Poland, 1995.

- “Urban Policy: Bridging the Social and Economic Development Gap.” 1993. With Susan Fainstein. *University of North Carolina Law Review*. Vol. 71, No. 5: 1463-86. Reprinted in Jack Boger and Judith Wegner, eds. *Race, Poverty and American Cities*. Chapel Hill, University of North Carolina Press, 1996: 142-65.
- "The State as Industrial Locator and District Builder: The Case of Changwon, South Korea." 1993. With Sam Ock Park. *Economic Geography*. Vol. 69, No 2: 157-181. Reprinted as "Changwon: A State-sponsored Industrial District," in Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 163-181.
- "Defense Spending and Interregional Labor Migration." 1993. With Mark Ellis and Richard Barff. *Economic Geography*. Vol. 69, No. 2: 1-22.
- "The Military Industrial Divide: Cold War Transformation of the Economy and The Rise of New Industrial Complexes." 1991. *Environment and Planning, D: Space and Society*, Vol. 9, No. 4: 391-416.
- "Converting the Military Industrial Economy: Lessons From Six Communities." 1991. With Catherine Hill and Sabina Deitrick. *Journal of Planning Education and Research*. Vol. 11: 101-118. Reprinted in Kevin Cassidy and Gregory Bischak, eds. *Real Security - Converting the Military Economy and Building Peace*. SUNY Press, New York 1993.
- "The Perils of Overstating Service Sector Growth Potential: A Study of Linkages in Distributive Services." 1991. With Wendy Patton. *Economic Development Quarterly*. Vol. 5, No. 3: 197-212. Reprinted in J. R. Bryson and P. W. Daniels, eds. *Service Industries in the Global Economy*. Cheltenham: Edward Elgar, 1997.
- "International Trade, Productivity and Regional Growth: A Shift-Share Interpretation." 1991. With Helzi Noponen and Karl Driessen. *International Regional Science Review*. Vol. 14, No. 1. *International Regional Science Review*, Vol. 14, No. 1. Reprinted in Kingsley Haynes, Kenneth Button, Peter Nijkamp with Li Qiangsheng, ed. *Regional Dynamics: Vol. 1 and 2*. In Kenneth Button and Peter Nijkamp, eds. *Modern Classics in Regional Science: Vol. 4*. Cheltenham, UK: Edward Elgar, 1996.
- "Chicago's Defense-Based High Technology: A Case Study of the 'Seedbeds of Innovation' Hypothesis." 1989. With Karen McCurdy. *Economic Development Quarterly*. Vol. 3, No. 1: 15-31.
- "Planning for Communities in Decline: Lessons from Steel Communities." 1988. *Journal of Planning Education and Research*., Vol. 7, No. 3: 173-184.
- "The Militarized Economy: Deforming U.S. Growth and Productivity." 1986. *World Policy Journal*, Vol. III, No. 3: 495-516. Reprinted in *Best of Business*, 1987, Vol. 9, No. 1: 39-46.

- "Neither Ore, Nor Coal, Nor Markets: A Policy-Oriented Analysis of Steel Siting in the U.S." 1986. *Regional Studies*. Vol. 20, No. 5: 449-462.
- "The Military Remapping of the United States." 1986. *The Built Environment*, Vol. 11, No. 3: 171-80. Reprinted in Michael J. Breheny, ed., 1988. *Defence Expenditure and Regional Development*. London: Mansell: 17-28.
- "Defense Spending: A Successful Industrial Policy?" 1986. *International Journal of Urban and Regional Research*, Vol. 10, No. 1: 105-22. Reprinted in Sharon Zukin, ed. 1985. *The Politics of Industrial Policy*. New York: Praeger.
- "Military Spending and Urban Development in California." 1985. *The Berkeley Planning Journal*, Vol. 2, No. 1.
- "Metropolitan High Technology Industry Growth in the Mid-1970s: Can Everyone Have a Slice of the High Tech Pie?" 1984. With Amy Glasmeier and Peter Hall. *The Berkeley Planning Journal*, Vol. 1, No. 2.
- "Beyond Shopping Malls: Planning for Jobs and for People in Berkeley, California." 1984. With Marc Weiss. *The Berkeley Planning Journal*, Vol. 1, No. 2.
- Silicon Landscapes: High Technology and Job Creation*. 1983. Special issue of *The Built Environment*, Guest Editor. Vol. 9, No. 1.
- "High Tech Jobs, Markets and Economic Development Prospects: Evidence from California." 1983. *The Built Environment*, Vol. 9, No. 1: 18-28.
- "The American Computer Software Industry: Economic Development Prospects." 1983. With Peter Hall, Richard Osborne, and Barbara Wachman. *The Built Environment*, Vol. 9, No. 1: 29-39. Translated into Japanese and published in Japan.
- "The Political Economy of National Urban Policy in the USA: 1976-81." 1982. With David Wilmoth. *Canadian Journal of Regional Science*. Volume V, No. 1, Spring.
- "Who Benefits from Intergovernmental Transfers?" 1981. With Annalee Saxenian and Marc Weiss. *Publius*, Vol. 11. Reprinted in Robert Burchell and David Listokin ed., *Cities Under Stress: The Fiscal Crises of Urban America*. Piscataway, NJ: Center for Urban Policy Research, Rutgers University.
- "Contemporary Marxist Theory and Practice: A Feminist Critique," 1980. with Heidi Hartmann. *Review of Radical Political Economics*, Vol. 12, No. 2: 87-93
- "City Spatial Structure, Women's Household Work and National Urban Policy," *Signs: A Journal of Women in Culture and Society*, Vol. 4, No. 3. 1979. Reprinted in Catherine Stimpson, Elsa Dixler, Martha Nelson, and Kathryn Yatrakis, *Women and the American City*. Chicago: University of Chicago Press, 1981, and in Michael Harloe, ed. *The Sociology of Urban Communities*. Cheltenham: Edward Elgar, 1995. Reprinted in Jan Lin and Christopher Mele, *The Urban Sociology Reader*, London: Routledge, 2004.

- "Regionalism and the Capitalist State: The Case of the United States," 1979. *Kapitalistate*. Vol. 7, Winter: 39-62. Reprinted in revised form in P. Clavel, W. Goldsmith, and J. Forester, eds., *Urban and Regional Planning in an Age of Austerity*, New York: Pergamon Press, 1980.
- "Regional Economic Contraction and Intergovernmental Finance: A Theoretical Perspective." 1979. *National Tax Association, Papers and Proceedings*, May.
- "Class, Rent and Sectoral Conflict: Uneven Development in Western U.S. Boomtowns," 1978. *Review of Radical Political Economics*, Vol. 10, No. 3.: 117-129. Reprinted as "The Political Economy of Rural Development: The Case of Western U.S. Boomtowns," in Frederick Buttel, Howard Newby and Ada Cavazzani, *The Rural Sociology of the Advanced Societies: Critical Perspectives*, Montclair, NJ: Allenheld, Osmun and Co., 1979.
- "Federal Budget Simplification: Preventive Programs vs. Palliatives for Local Governments with Booming, Stable and Declining Economies," 1977. *National Tax Journal*, Vol. XXX, No. 3.:249-258.
- "Class and Urban Social Expenditures: A Local Theory of the State." 1976. *Kapitalistate*, Vol. 4. 90-111. Revised and extended in William Tabb and Larry Sawers, eds., *Marxism and the Metropolis: New Perspectives in Urban Political Economy*, New York: Oxford University Press, 1978. A further revision appears in the Second Edition, 1984.
- "The Economics of Social Class and Metropolitan Local Government: A Summary." 1974. *National Tax Association, Papers and Proceedings*, May.

### **Chapters In Books**

- "The Differential Competitiveness of Latin American Cities and Regions: Opportunities and Constraints." 2004. With Clelio Campolina Diniz. In Eduardo Rojas and Jorg Meyer Stamer, eds., *Global and Local: Confronting the Challenges of Regional Development in Latin America and the Caribbean*. Washington, DC: Inter-American Development Bank, forthcoming. Translated into Japanese and published in *Space, Society and Geographical Thought* (in Japanese, Kukan, Shakai, Chirishiso), Vol. 9, 2004, Geographic Society, Osaka City University.
- "High Tech Activity and Urban Economic Development: Implications for Shanghai." 2003. With Pingkang Yu. Forthcoming in Xiangming Chen and Huang Jianfu, eds. *Global Aspirations/Local Actions: Shanghai's Renaissance in Comparative Perspective*. Shanghai: Shanghai Academy of Social Sciences, forthcoming.
- "Distortions in Industrial Geography: Triangulating among Industrial Firms, Financial Firms and the State." 2003. In Mike Taylor and Paivi Oinas, eds. *Socializing the Firm*. Oxford: Oxford University Press, forthcoming. A version of this paper is also published as "Financial versus Industrial Firms in Industrial and Regional Restructuring." H. Peter Gray, ed. *Extending the Eclectic Paradigm in International*

- Business: Essays in Honor of John Dunning, London: Edward Elgar, 2003: 107-122.
- "From Defence to Development?." 2003. With Sean DiGiovanna. In Ann Markusen, Sean DiGiovanna and Michael Leary, eds. *From Defence to Development? International Perspectives on Realizing the Peace Dividend*. London: Routledge. Ch. 1.
- "From Defence to Development: Learning from Comparative Experience. 2003. With Sean DiGiovanna. In Ann Markusen, Sean DiGiovanna and Michael Leary, eds. *From Defence to Development? International Perspectives on Realizing the Peace Dividend*. London: Routledge, Ch. 11.
- "Post-Cold War Conversion: Gains, Losses and Hidden Changes in the US Economy." 2003. With Michael Oden and Laura Powers. In Ann Markusen, Sean DiGiovanna and Michael Leary, eds. *From Defence to Development? International Perspectives on Realizing the Peace Dividend*. London: Routledge, Ch. 2. Also in Ann Markusen, ed. *The Post-Cold War Peace Dividend*. New York: Columbia International Affairs On-line, 2000.
- "The South Korean Defense Industry in the Post Cold War Era." 2003. With Yong Sook Lee. In Sean DiGiovanna and Ann Markusen, eds. *From Defence to Development? International Perspectives on Realizing the Peace Dividend*. London: Routledge, Ch. 10.
- "Cold War Workers, Cold War Communities." 2001. In James Gilbert and Peter Kuznick, eds. *Rethinking Cold War Culture*. Washington, DC: Smithsonian Institution Press: 35-60.
- "America's Peace Dividend: A Review and Prognosis." 2000. In Ann Markusen, ed. *America's Peace Dividend: Essays on the Achievements of the 1990s and the Challenges Ahead*. New York: Columbia International Affairs On-line: 1-11.
- "Transforming Regional Economies: The Roles of Economic Structure, Developmental Activism and Regional Cultures." 2000. In Anna Giunta, Arnoud Lagendijk, and Andy Pike, eds., *Restructuring Industry and Territory: the Experience of Europe's Regions*, London: Stationery Office: 22-33.
- "What Distinguishes Success among Second Tier Cities?" 2000. In Shahid Yusuf, Weiping Wu and Simon Evenett, eds., *Local Dynamics in an Era of Globalization*. Washington, DC: Oxford University Press: 132-39.
- "Should We Welcome a Transatlantic Defense Industry?" 2000. In Judith Reppy, ed. *The Place of the Defense Industry in National Systems of Innovation*. Ithaca: Cornell University, Peace Studies Program: 25-47.
- "Can Technology Policy Serve as Industrial Policy?" 2000. In Candace Howes and Agit Singh, eds. *Competitiveness Matters: Industry and Economic Performance in the U.S.*, University of Michigan Press: 127-144.

- "Industrial Clusters and Regional Development in New Jersey." 1999. With Mia Gray. In John Dunning, ed. *Industrial Globalization and Regional Clusters*. Newark: Rutgers University School of Management.
- "Colorado Springs: A Military-Anchored City in Transition." 1999. With Mia Gray. In Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press: 311-332.
- "Policy Challenges for Arming the Future." 1999. With Sean Costigan. In Ann Markusen and Sean Costigan, eds. *Arming the Future: A Defense Industry for the Twenty-First Century*. New York: Council on Foreign Relations Press: 3-34.
- "A Defense Industry for the Twenty-First Century." 1999. With Sean Costigan. In Ann Markusen and Sean Costigan, eds. *Arming the Future: A Defense Industry for the Twenty-First Century*. New York: Council on Foreign Relations Press: 409-24.
- "Comprehending Fast Growing Regions." 1999. With Sean DiGiovanna. In Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press, 1999: 1-19.
- "Reflections on Comparisons across Countries." 1999. With Sean DiGiovanna and Yong Sook Lee. In Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press: 335-58.
- "Oita and Kumamoto: Technopoli without Brains." 1999. With Masayuki Sasaki. In Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press: 223-237.
- "Japanese Technopolis Policy: A View from Four Cities." 1999. With Masatomi Funaba, Masayuki Sasaki and Yong Sook Lee. In Ann Markusen, Yong Sook Lee and Sean DiGiovanna, eds. *Second Tier Cities: Rapid Growth outside the Metropole in Brazil, Korea, Japan and the United States*, Minneapolis: University of Minnesota Press: 239-266.
- "The Post Cold War Persistence of Defense Specialized Firms." 1998. In Gerald Susman and Sean O'Keefe, eds. *The Defense Industry in the Post-Cold War Era: Corporate Strategies and Public Policy Perspectives*, London: Elsevier:121-146.
- "The Post Cold War Defense Industrial Challenge: American and European Responses." 1998. In Franck-Emmanuel Caillaud, ed. *Europe/Etats-Unis: Coopérations et Compétitions dans le Domaine des Systèmes de Défense et des Hautes Technologies*. Paris: Institut de Relations Internationales et Stratégiques: 95-106.
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### **Professional Service, Editorial Boards, Board Memberships**

President, Regional Science Association International, 2000

Member, President's Council on Offsets in Commercial Trade, 2000-2001

Member, National Commission on the Use of Offsets in Defense Trade, 2000-2001

Chair, Committee on Science, Engineering and Public Policy, the American Association for the Advancement of Science, 1998/2000 (committee member since 1994)

Chair, Regional Planning Track, American Collegiate Schools of Planning, 1999-2001

Vice-Chair, Economists Allied for Arms Reduction, 1995-2000

National Science Foundation, Geography and Regional Science  
Advisory Panel, 1992-94.

Office of Technology Assessment, Advisory Panel on Technology and Economic  
Conversion, 1991-93.

Member, Boards of Directors:

Economic Policy Institute, Washington, DC (Executive Committee Member also),  
1994-2002

Center for Economic Progress, Minneapolis, MN 2001-2002

Bonn International Center for Conversion, Germany, 1997-present

Editorial Boards:

Annals of Regional Science

Annals of the Japan Association of Economic Geographers

Economic Development Quarterly

Economic Geography

Growth and Change

International Regional Science Review

Journal of Appalachian Studies

Journal of the American Planning Association

Regional Studies

## Ph.D. Dissertations, Master's Theses and Post-doc Supervision, 1976-2003

**PhD Students supervised** (Chair\*): Ph.D. unless otherwise specified:

Rachel Restroff, Political Science, University of Minnesota  
Daisaku Yamamoto, Geography, University of Minnesota  
\*Gregory Schrock, Urban and Regional Planning, University of Minnesota (MURP)  
\*David Lewis, Urban Planning and Policy Development, Rutgers  
\*Elyse Golob, Urban Planning and Policy Development, Rutgers  
\*Yubing Zhai, Urban Planning and Policy Development, Rutgers  
\*Laura Powers, Urban Planning and Policy Development, Rutgers  
Marla Nelson, Urban Planning and Policy Development, Rutgers  
\*Yong Sook Lee, Urban Planning and Policy Development, Rutgers  
\*Marlen Llanes, Urban Planning and Policy Development, Rutgers  
\*Patrica Mia Gray, Urban Planning and Policy Development, Rutgers  
\*Catherine Hill, Urban Planning and Policy Development, Rutgers  
\*Mohamad Razavi, Urban Planning and Policy Development, Rutgers  
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\*Amy Glasmeier, City and Regional Planning, Berkeley  
\*Helzi Noponen, City and Regional Planning, Berkeley  
\*Philip Shapira, City and Regional Planning, Berkeley  
\*Scott Campbell, City and Regional Planning, Berkeley (MCRP)  
\*David Wilmoth, City and Regional Planning, Berkeley  
\*David Dowall, Economics, Colorado  
David Saal, Economics, Rutgers  
Hank Mayer, Urban Planning and Policy Development, Rutgers  
Wei Ping Wu, Urban Planning and Policy Development, Rutgers  
Daniel Lindheim, City and Regional Planning, Berkeley  
Hyoung Kook Kim, City and Regional Planning, Berkeley  
Michaela DiLeonardo, Anthropology, Berkeley  
Candace Howes, Economics, Berkeley  
Michael Luger, Economics, Berkeley  
David Arsen, Economics, Berkeley  
Greg Topakian, Economics, Berkeley  
Susan Christopherson, Geography, Berkeley  
Douglas Greenberg, Geography, Berkeley  
Michael Heiman, Geography, Berkeley  
Soon Kyoung Cho, Sociology, Berkeley  
Vivian Lin, Public Health, Berkeley  
Peter Lichtenstein, Economics, Colorado

**Postdocs supervised** (Ph.D. granting institution; current position):

Sean DiGiovanna, Ph.D. Geography, University of Toronto (Rutgers University)  
Eric Parker, Ph.D. Sociology, University of Wisconsin (WRTP, Milwaukee)  
Michael Oden, Ph.D. Economics, the New School for Social Research (University of Texas)  
Elizabeth Mueller, Ph.D. City and Regional Planning, Berkeley (University of Texas)  
Joel Yudken, Ph.D. Technology and Society, Stanford University (Work and Technology Institute)  
Clelio Campolina Diniz, Ph.D. Economics, University of Sao Paulo (University of Minas Gerais)  
Candace Howes, Ph.D. Economics, Berkeley (Connecticut College)  
Sabina Deitrick, Ph.D. City and Regional Planning, Berkeley (University of Pittsburgh)  
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**Public Speaking and Outreach available on request**