

Curriculum Vitae
John Rees

Current Position/Address

Professor
Department of Geography
University of North Carolina at Greensboro
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Education

BA (1969) University of Wales
MA (1971) University of Cincinnati
PhD (1977) London School of Economics

Former Positions

Professor and Head, Department of Geography, University of North Carolina at Greensboro, 1987-94.
Associate Professor of Geography and Metropolitan Studies, Maxwell School, Syracuse University, 1983-1987.
Assistant/Associate Professor of Geography and Political Economy, and
Associate Director, Center for Policy Studies, The University of Texas at Dallas 1975-1983.

Honors and Awards

Visiting Scientist, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, 1982.

National Research Council Fellowship, Committee on National Urban Policy, National Academy of Sciences, 1982-83.

Member, Technical Advisory Group, President George H. W. Bush's National Urban Policy Report, 1991-92

Member, Governor Hunt's Task Force on Business Incentives (NC) 1994-95.

Chair, North American Regional Science Council, 1996.

President, Southern Regional Science Association, 2000-2001.

Honorary Research Fellow, Center for Advanced Studies, University of Wales, Cardiff, 1999-present.

Research Awards/Grants

Kenan Institute Trust, UNC Chapel Hill 1999, \$12,000
U.S. Department of Housing and Urban Development, 1991-93 \$18,000
Kenan Institute Trust, UNC-Chapel Hill 1990-91 \$10,000
National Science Foundation, 1989-90, \$31,400
Economic Development Administration, U.S. Department of Commerce, 1986-88, \$76,000
National Science Foundation 1985-86, \$13,000
Niagara Mohawk Corporation, 1984-85, \$140,000 (Senior Research Associate)
National Science Foundation, 1981-83, \$51,400
National Science Foundation, 1979-80, \$15,900
U.S. Department of Housing and Urban Development, 1979-80, \$11,500
U.S. Department of Transportation, 1979-80, \$58,200 (Faculty Research Associate).
National Science Foundation, 1978,80, \$65,800
National Science Foundation, 1976-77, \$39,700

Research Administration

Acting Director, Office of Sponsored Projects (1978)
Associate Director, Center for Policy Studies (1980-83), University of Texas at Dallas

Policy Experience

Joint Economic Committee, U.S. Congress, Special Study on Economic Change 1980,
Paper on New Technology in the U.S. Machinery Industry 1984.

General Accounting Office, U.S. Congress
Background Study on Oil and Gas Industry in the Development of the Southwestern states,
1979.

U.S. Department of Housing and Urban Development
Background paper prepared for the President's National Urban Policy Report 1980.

Technical Advisor to HUD, assisted in writing background papers for the President's National
Urban Policy Report of 1992 (1991-93).

President's Commission for a National Agenda for the Eighties. Background paper prepared for
Commission Report on Urban America in the Eighties, 1980.

Member, Dallas-Fort Worth Economic Advisory Council 1980-83.

Member, Task Force on Southern Economy, Southern Growth Policies Board 1981.

Ministry of Industry, Sweden, 1982.

Research and Development Committee, Texas 2000 Commission, 1982.

Office of Technology Assessment, U.S. Congress, 1983.
Background report for Project on Technology, Innovation and Regional Development 1983.

Policy Experience (continued)

National Science Foundation

Background papers prepared for Division of Policy Research and Analysis 1985-87.

Sunbelt Institute and Sunbelt Caucus, U.S. Congress

Background report on Defense spending in the Southern states 1988.

Other Professional Activities

Association of American Geographers, Chairman, Specialty Group on Industrial Geography, 1982-84; Member, Board of Directors 1980-84, 1992-94; National meeting, Local Arrangements Committee, 1993-96.

Southeastern Division, Association of American Geographers, Member, Local Arrangements Committee, 1993.

National Science Foundation Research Initiation Seminars, Member:

West Germany 1979

United Kingdom (Chair) 1980, 1986

Hungary 1985

South Korea (Chair) 1989

Indonesia 1990

Environment and Planning A, Editorial Advisory Board Member, 1985-88.

Journal of Public Affairs Review, Editorial Committee Member, 1999-present.

Southern Regional Science Association, Member, Executive Council, 1996-2000. President Elect and Program Chair, 1999-2000.

North American Regional Science Association, National Councilor, 1994-96.

Regional Science Association International (RSAI), North American Representative to International Council, 2000-2002.

Tissot Economic Foundation, Member, Switzerland, 1987-97.

International Geographical Union, Corresponding Member, Commission on Industrial Space, 1992-present.

Kenan Institute, Senior Research Associate, UNC-Chapel Hill, 1989-present.

Publications

Books

J. Rees, G. Hewings, and H. Stafford (eds.), *Industrial Location and Regional Systems* Bergin-Croom Helm Publishers, New York and London, 1981.

Books (continued)

B. T. Robson and J. Rees (eds.), *Geographical Agenda for a Changing World*, Social Science Research Council, London, 1982.

B. Weinstein, H. Gross and J. Rees, *Regional Growth and Decline in the United States*, Praeger Publishers, New York, 1985.

J. Rees (ed.), *Technology, Regions and Policy*, Rowman and Littlefield, Totowa, NJ, June 1986.

Y. Hong and J. Rees (eds), *Role and Perspectives on Science and Technology Policy: Proceedings of the Korea-U.S. Seminar on Science and Technology Policy*, Seoul, Korea Institute of Technology, 379 pp, 1990.

Journal Articles and Book Chapters

"Organization Theory and Corporate Decisions: Some Implications for Industrial Location Analysis," *Regional Science Perspective*, 2 (1972), pp 126-135.

The Industrial Corporation and Location Decision Process," *Area* 4, (1972), pp 119-205.

"Implications of Modeling the Industrial Location Decision Process," *International Geography* Toronto (1972), pp 582-584.

"Location Decisions in the Context of Firm Growth and the Business Environment," in F.E.I. Hamilton (ed.), *Spatial Perspectives on Industrial Organization and Decision Making*, London: Wiley, 1974, pp 182-212.

"Spatial Oligopoly and the Growth of Multinational Enterprise," *International Geography* 6 Moscow (1976), pp 67-71.

"Manufacturing and Regional Development: The Northeastern California Case" (with C. Walden), *Northern California Review of Business and Economics* 6 (Winter 1976), pp27-33.

"Manufacturing Headquarters, in a Post-Industrial Urban Context," *Economic Geography* (1978), pp 337-354.

"Manufacturing: Major Boom Brings New Riches," *Texas Business* (April 1978), pp 38-43.

"Manufacturing A Local Dynamo," *Dallas-Fort Worth Business Quarterly* (April 1978), pp 15-21.

"The Relocation Misconception" (with L. Monti), *Texas Business Review* (March 1978), pp 53-59.

"Manufacturing Change, Internal Control and Government Spending in a Growth Region of the United States," in F.E.I. Hamilton (ed.), *Industrial Changes International Experience and Public Policy*, London: Longman, 1978, pp 115-174.

Journal Articles and Book Chapters (continued)

- "On the Spatial Spread and Oligopolistic Behavior of Large Rubber Companies," *Geoforum* (1978) pp 319-330.
- "Technological Change and Regional Shifts in American Manufacturing," *Professional Geographer* (February 1979), pp 45-54.
- "The Product Cycle and the Spatial Decentralization of American Manufacturing" (with R. D. Norton), *Regional Studies* (1979), pp 141-151.
- "Regional Industrial Shifts in the U.S. and the Internal Generation of Manufacturing in Growth Centers of the Southwest," in W. C. Wheaton (ed.), *Interregional Movements and Regional Growth* COUPE 2, The Urban Institute (1979), pp 51-75.
- "Metroplex Manufacturing - With Room to Grow" (with M. Flolid), *Dallas-Fort Worth Business Quarterly* (April 1979), pp 39-46.
- "The Political Economy of Regional Growth and Decline" (with B. Weinstein), *Society* (May 1980), pp 17-21. Reprinted in R. McKenzie (ed.), *Plant Closings: Public or Private Choices*, CATO Institute, 1981.
- "The Regional Effect of Environmental Protection Policy," *Texas Business Review* (September 1981), pp 217-220.
- "The Impact of Defense Spending on Regional Industrial Change in the United States," in G. Hoffman (ed.), *The Impact of the Federal System on Regional Development in the United States and the Federal Republic of Germany*, University of Texas Press, 1981, pp 193-222.
- "Defense Spending and Regional Industrial Change," *Texas Business Review* (January 1982), pp 40- 44.
- "Reagonomics, Reindustrialization and Regionalism" (with B. Weinstein), *Society* (July 1982), pp 33-38.
- "Control Factors in the Economic Development of Nonmetropolitan America" (with R. Briggs), *Environment and Planning A* 14 (1982), pp 1645-1666.
- "The E-Z Route and Urban Policy," *CATO Journal* 2 (1982), pp 387-390
- "Technological Change: A Research Agenda" (with E. Malecki), in B. Robson and J. Rees (eds.), *Geographical Agenda for a Changing World*, SSRC, London, 1982, pp 27-45.
- "Government Policy and Industrial Location," in J. House (ed.), *United States Public Policy*, Oxford University Press, 1983, pp 213-262.
- Regional Economic Decentralization Processes in the United States, and Their Policy Implications," in D. Hicks and N. Glickman (eds.), *Transition to the 21st Century: Prospects and Policies for Economic and Urban Regional Transformation*, J.A.I. Press, 1983.

Journal Articles and Book Chapters (continued)

"The Adoption of New Technology in the American Machinery Industry" (with R. Briggs and R. Oakey), *Regional Studies* (December 1984), pp 489-504.

"Government Procurement and Regional Development in the United States," in C. Jeanrenaud (ed.), *Public Procurement and Regional Policy*, Swiss National Research Council, Berne, Switzerland, 1984.

"The Adoption of New Technology in the American Machinery Industry" (with R. Briggs and D. Hicks), in A. Thwaites and R. Oakey (eds.), *Regional Economic Impact of Technological Change*, London, Francis Pinter Press, 1985.

"Industrial Geography," In Association of American Geographers, *Geographical Bibliography for American Libraries*, Washington, DC: National Geographic Society, 1985, Chapter 14.

"Industrial Innovation: Linking New Production Methods of Regional Growth Rates," *Economic Development Commentary* (1986), Vol 10, No. 1, pp 17-21.

"The Drawbacks of Research Parks," *Urban Resources* (1986), Vol 3, No. 4, pp 41-47.

"What Happened to Macroeconomics?," *Environment and Planning A* (1987), Vol 19, pp 139-141.

Review Forum: "Profit Cycles, Oligopoly and Regional Development," *Urban Geography*, 1987.

"The Diffusion of New Production Technology: Implications for State Industrial Policy," in H. Goldstein (ed.), *Industrial Policy: State and Local Issues*, American Planning Association, 1987, pp 60-72.

"State Science Policy and Its Implications for Economic Development: Towards an Agenda for Research" in National Science Foundation: *An Agenda for Science Policy Research*, Washington, DC (1988).

"State Science Policy and Economic Development in the United States: A Critical Perspective" (with R. Bradley), *Environment and Planning* (1988), pp 999-1012.

"Industrial Geography" (with L. Gibson et. al.) in G. Gaile and C. Wilmott (ed), *Geography in America*. Washington, DC: Association of American Geographers 1989, pp 290-315.

"State Technology Development Programs in the USA: from Evolution to Evaluation", in *Les Strategies Regionales D'Innovation et La Competitive Des Entreprises*, Conference Proceedings, IRER, University of Neuchatel, Switzerland, Nov. 1989, pp 23.

"Regional Development and Policy", *Progress in Human Geography*, 1989, 11, pp 576-588.

"Firm Size, University Based Research and the Returns to R and D", (with A. Link) *Small Business Economics*, 1990, Vol 2 pp 25-31. Also reprinted in J. Acs and D. Audretsch (ed.), *Innovation and Technological Change*, New York: Wheatsheaf Press 1990.

Journal Articles and Book Chapters (continued)

"Commentary on Job Creation, Business Growth and State Policy" in J. Kasarda (ed.), *Job Earnings and Employment Policies, U.S.*, New York: Kluwer Press, 1990, p 4.

"An Assessment of State Technology Development Programs" (with T. Lewington) in J. Schmandt and R. Wilson (ed.), *Growth & Policy in the Age of Technology: The Role of Region and State Governments*. Unwin Hyman, Boston (1990), pp 195-210.

New Technology and Regional Development: Trends and Implications in the United States, in W. Berentsen et al *Regional Development Processes and Policies*. Budapest: Center for Regional Studies 1990, pp 60-84.

"State Technology Programs and Industry Experience in the United States," *Review of Urban and Regional Development Studies* 1991, 3, pp 39-59.

Universities and State Technology Centers: What Industry Thinks, *Economic Development Commentary* 1991, #15, pp 4-11.

Company Perceptions of Comparative Advantage by Region (with K. Debbage), *Regional Studies* 1991, 25, pp 199-206.

Regional Development and Policy under Turbulence, *Progress in Human Geography*, 1992, Vol 16, pp 223-231.

Industry Knowledge Sources and the Role of Universities" (with Keith Debbage), *Policy Studies Review* (1992) pp 6-25.

Cities and Beyond: A New Look at the Nation's Urban Economy (with D. Hicks) in D. Hicks and J. Sommer (ed): 1993, *Rediscovering Urban America: Perspectives on the 1980s*, Washington, DC: U.S. Department of Housing and Urban Development, Chap. 2, pp 1-125.

Textiles in the Carolinas: Do they have a Future? in G. Bennett (ed), *Carolina Snapshots* Washington, DC, Association of American Geographers (AAG), 1996, pp 171-174.

Economic Change in Metropolitan Carolina (with K. Debbage) in G. Bennett (ed.) *Carolina Snapshots*, Washington, DC, Association of American Geographers (AAG), 1996, pp 193-197.

The New Economic Geography of the United States, *L'Espace Geographique* (Special Issue on USA), 1996, Vol 25, pp 309-315.

Economic Change and Tertiary Crisis in America's Urban System: the Destructive Creation of the 1980s? (with K. Debbage), Working Paper, UNCG, 1997.

Regional Science: From Crisis to Opportunity, *Papers in Regional Science*, 1999, Vol 78, pp 51-60.

Regional Science: Evolving in New Directions, *Review of Regional Studies*, Vol 30, 2000, pp 43-47.

Journal Articles and Book Chapters (continued)

Technology and Regional Development: Theory Revisited in B. Johansson, C. Karlsson and R. Stough (ed), *Theories of Endogenous Regional Growth*, Heidelberg:Springer Verlag, 2001, pp 94-110.

Social Capital and Regional Development: Concepts in Need of Evaluation in B. Johansson and C. Karlsson (ed), *Regional Policies and Comparative Advantage* (forthcoming).

Landscapes of Liberty: Presidential Address, *Review of Regional Studies*, Vol 31 (forthcoming)

Government Reports

Government Policy and Industrial Location in the United States, Special Study on Economic Change, Joint Economic Committee, U.S. Congress, December 1980, Vol 7, pp 128-179.

New Technology in the American Machinery Industry: Trends and Implications, a study prepared for the use of the Joint Economic Committee, U.S. Congress, March 2, 1984, p 92.

"High-Technology Location and Regional Development: The Theoretical Base," in *Technology Innovation and Regional Economic Development*, U.S. Congress: Office of Technology Assessment, Washington, DC, July 1984, pp 97-107.

Structural Change in the Oil Industry and its Impact on the Gulf Coast Economy, a study prepared for the use of the Joint Economic Committee, U.S. Congress, April 1985.

Regional Patterns of Military Procurement and Their Implications, Washington, DC, Weinstein and H. Gross (1988). Sunbelt Institute, 70 pages.

Firm Size and External Research Relationships, Final Report (with A. Link), U.S. Small Business Administration, Washington, DC, 1989.

Industry Experience with Technology Research Centers (1989) Washington, DC: Economic Development Administration, U.S. Department of Commerce, 116 pages.

Business Incentives: Policy Choice Guide for N.C. Decision Makers (1995), Report prepared for Governor Hunt by The Governor's Task Force on Business Incentives.

Project Reports and Discussion Papers

Behavioral Processes in Geography: A Symposium (with R. Newby, ed.), Monograph: Middlesex Polytechnic, U.K. 1973, 106 pages.

The Role of the Oil and Gas Industry in the Economic Development of the Southwest, report for the Program Analysis Division, U.S. General Accounting Office, November 1979, 35 pages.

Project Reports and Discussion Papers (continued)

Economic Development Trends in Non-Metropolitan and Suburban Communities in the United States, background study for President Carter's National Urban Policy Report, January 1980, 40 pages.

Changes in Economic Structure and Regional Decentralization Processes in the United States: The Policy Implications report for President Carter's Commission for a National Agenda for the 80s, May 1980, 120 pages.

Towards a Long-Term Economic Development Strategy for San Antonio, report prepared for San Antonio City Council, San Antonio, CA., November 1982, 120 pages.

The Adoption of New Technology in the American Machinery Industry, Occasional Paper No. 71, Metropolitan Studies Program, Maxwell School of Citizenship and Public Affairs, Syracuse University, Syracuse, NY, 1983.

Theories of Regional Growth and Industrial Location: Their Relevance for High-Technology Industry in the United States, Discussion Paper No. 83, Department of Geography, Maxwell School of Citizenship and Public Affairs, Syracuse University, Syracuse, NY.

Oil Mergers, External Control and the Outlook for the Gulf Coast Economy, paper prepared for the John Gray Institute, Lamar University, October 1985.

Economic Impact Study of a Multi-Purpose Stadium in Binghamton, (with D. Greytak and J. Leib), Report prepared for Valley Development Foundation, Binghamton, NY, July 1986, 37 pages.

Science Policy: The Appropriate State and Federal Roles, (with R. Bradley), Working Paper No. 86, Technology and Information Policy Program, Maxwell School, Syracuse University, July 1986, paper prepared for Policy Research and Analysis Division, National Science Foundation, 68 pages.

Restructuring and Rediscovery in America's Urban Economies, draft chapter prepared for President Bush's National Urban Policy Report (94 pages), June 1992, revised September 1992.

Social Capital, Nonprofit Organizations and Regional Potential in the Piedmont Triad (with J.H. Johnson and W. Horton), Kenan Institute of Private Enterprise, University of North Carolina, Chapel Hill, December 1999. 66 pages.

Invited Lectures/Seminars

University of Cincinnati 1978

Ohio State University 1978, 1990

Center for Environmental Studies, London, U.K., 1978

Dartmouth College 1979

Cleveland State University 1980

International Institute for Applied Systems Analysis, Laxenburg, Austria 1980, 1982

Invited Lectures/Seminars (continued)

University of North Carolina, Chapel Hill 1980, 1984, 1988, 1990, 1992
University of North Carolina, Charlotte 1993, 1994, 1997, 1998, 2000
Rensselaer Polytechnic Institute 1981
University of Lulea, Sweden 1982
University of Neuchatel, Switzerland 1983, 1987
Lamar University, Texas 1984
Queens University, Canada 1984
London School of Economics, U.K. 1984
National Science Foundation, Washington, DC 1984, 1990
University of Florida 1985
Oak Ridge National Laboratory, Tennessee 1985
University of Georgia 1985
University of Pittsburgh 1986
Pennsylvania State University 1987
University of Vechta, West Germany, 1986
University of Colorado, Denver 1987
University of Washington 1987
University of South Carolina 1989
Korea Institute of Technology, Seoul, Korea 1989
University of Arizona 1990
Bandung University, Indonesia 1990
National Association of Manufacturing and Technical Assistance Centers, Washington 1990
Tissot Economic Foundation, Switzerland 1991.
U.S. Department of Housing and Urban Development 1980, 1992
George Mason University 1993
Development Research Center, The State Council of China, Beijing 1993
Institute for Regional Studies, University of Lausanne, Switzerland 1994
University of North Texas 1994, 1995, 1999
Seoul Development Institute, Seoul, S. Korea 1994.
Uddevalla University, Sweden 1998, 1999

This list does not include numerous papers presented since 1973 at regional and national meetings of various academic organizations, especially the Association of American Geographers and the Regional Science Association.

Media Activities

Quoted in: *New York Times*, *Wall Street Journal*, *U.S. News & World Report*, *Texas Monthly*, *Dallas Morning News*, *Houston Chronicle*, *Syracuse Post Standard*, *Columbus Dispatch*, *Greensboro News & Record*, *Winston Salem Journal*, *Charlotte Observer*, *Raleigh News & Observer* and other regional newspapers.

Television interviews on NBC, CBS, ABC and PBS affiliates in Dallas-Fort Worth, Houston, Syracuse, Greensboro - Winston-Salem areas. Radio interviews including National Public Radio