

DARRENE L. HACKLER, M.A.P.P., PH.D.

Department of Public & International Affairs
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EDUCATION

Claremont Graduate University, Claremont, CA
Ph.D. in Political Science and Economics, January 2000

Dissertation: "Location, Location, Information? Industry Location and Cities in the Information Age," analyzed whether industrial location patterns of high-technology manufacturing were footloose and how business location determinants affected such patterns.

Claremont Graduate University, Claremont, CA
Master of Arts in Public Policy, 1996

Albertson College of Idaho, Caldwell, ID
Bachelor of Arts, Political Science and Economics, Magna Cum Laude, 1992

PROFESSIONAL EXPERIENCE

George Mason University, Fairfax, VA, August 2006 - Present
Associate Professor, Department of Public and International Affairs

George Mason University, Fairfax, VA, August 2000 – July 2006
Assistant Professor, Department of Public and International Affairs

Telecommunications Consultant, projects in Orange County and Los Angeles, June 1999 - 2006

RHK, Inc., South San Francisco, CA, January 2000 - July 2000
Editor and Telecommunications Analyst

Claremont Information Technology Institute (formerly Claremont Graduate University Research Institute), Claremont, CA, 1996 – March 2000
Senior Research Associate and Telecommunications Project Manager

Tomás Rivera Policy Institute, Claremont, CA, May 1995 - January 1996
Research Associate

PUBLICATIONS

Book

Hackler, Darrene. 2006. *Cities in the Technology Economy*. Cities and Contemporary Society Series, M.E. Sharpe.

Peer-Reviewed Articles, Book Chapters, and Reports

Hackler, Darrene and Heike Mayer. 2008. "Diversity, Entrepreneurship and Urban Environment." *Journal of Urban Affairs* 30(3): 273-307.

Hackler, Darrene, Ellen Harpel, and Heike Mayer. 2008. "Human Capital and Women Business Ownership." SBAHQ-06-M-0481. Washington, DC: Office of Advocacy, Small Business Administration. Available online: <http://www.sba.gov/advo/research/rs323tot.pdf>

Mayer, Heike, Darrene Hackler, and Christiana McFarland. 2007. "Skills, Capital and Connections, too: A Regional Social Environment Perspective of Women Entrepreneurs" *Canadian Journal of Regional Science* 30(3): 411-434.

Hackler, Darrene. 2007. "Local Economic Development and Information Economy Growth in Metropolitan Los Angeles," *Journal of Urban Technology* 14(1): 51-76.

Hackler, Darrene and Gregory Saxton. 2007. "The Strategic Use of Information Technology by Nonprofit Organizations: Increasing Capacity and Untapped Potential," *Public Administration Review* 67(3): 474-487.

Brennan, Christiana, Darrene Hackler, and Christopher Hoene. 2005. "Demographic Change in Small Cities, 1990-2000." *Urban Affairs Review* 40(3): 342-361.

Hackler, Darrene. 2004. "Information Technology Industry and Telecommunications: An Empirical Analysis of Cities in the Minneapolis-St. Paul and Phoenix Metropolitan Areas." *Journal of Urban Technology* 11(3): 35-59.

Hackler, Darrene. 2003. "High-Tech Location in Five Metropolitan Areas." *Journal of Urban Affairs* 25(5): 625-640.

Hackler, Darrene. 2003. "High-Tech Growth and Telecommunications Infrastructure in Cities." *Urban Affairs Review* 39(1): 59-86.

Hackler, Darrene. 2003. "Invisible Infrastructure and the City: The Role of Telecommunications in Economic Development." *American Behavioral Scientist* 46(8): 1034-1055.

Sacco, John and Darrene Hackler. 2002. "A Longitudinal Study of End User Information Technology Evolution: A View from a County Budgeting Office." *Annals of Cases on Information Technology* Volume IV, edited by M. Khosrowpour. Hershey, PA: Idea Group Publishing, pp. 195-208.

Book Chapters

Hackler, Darrene. Forthcoming 2009. "High-Technology and Regions in an Era of Open Innovation." In *Uddevalla Symposium 2009: The Geography of Innovation and Entrepreneurship*. Revised Papers presented at the 12th Uddevalla Symposium 2009, 11-13 June, Bari, Italy. Irène Bernhard (ed.) Research reports 2008:03, University West Received Symposium "Best Paper Award" (<http://www.symposium.hv.se/extra/pod/>).

Hackler, Darrene. 2001. "Industrial Location in the Information Age." In *Innovation Policy in the Knowledge-Based Economy* eds. Maryann Feldman and Albert Link. Boston: Kluwer Academic Publishers, pp. 259-288.

Hackler, Darrene. 2000. "Industrial Location in the Information Age: An Analysis of Information Technology Intensive Industry." In *Cities in the Telecommunications Age: The Fracturing of Geographies* eds. James O. Wheeler, Barney Warf, and Yuko Aoyama. New York: Routledge, pp. 200-218.

Encyclopedia Entries

Hackler, Darrene. 2005. "Internet and the City." *Encyclopedia of the City*, edited by R. Caves. New York: Routledge.

Hackler, Darrene. 2003. "Public Choice." *Encyclopedia of Public Administration and Public Policy*. New York: Marcel Dekker.

Book Reviews

Building High-Tech Clusters: Silicon Valley and Beyond edited by Timothy Bresnahan and Alfonso Gambardella, *Journal of Regional Science*, May 2005, 45(2): 440-442.

Reports

Hackler, Darrene. Forthcoming 2009. "Beyond Recovery/Looking Ahead to 2011: How to Begin to Think Differently." CGI Initiative for Collaborative Government. Will be available online.

Hackler, Darrene. 2008. "Creating Jobs in America: Case Studies in Local Economic Development." CGI Initiative for Collaborative Government. Available online: http://www.collaborativegov.org/downloads/Creating_Jobs_in_America.pdf.

"The Information and Communication Technology Comprehensive Economic Development Strategy: ICT CEDS for Orange County, California." Study Team: J. Dominguez, T. Horan, D. Hackler, S. Chatterjee, W. Walrod, B. Hilton, W. Smith, and M. Brite. Economic Development Administration, U.S. Department of Commerce. Available at: http://www.wrjgroup.com/projects/ICTCEDSReport/ICTCEDS_2006.pdf

Hackler, Darrene. 2004. "Information and Communications Technologies and Economic Development." White Paper for Comprehensive Economic Development Strategy for Orange County, California, funded by Economic Development Administration, U.S. Department of Commerce.

Hackler, Darrene. 2003. "Information Technology Capacity of Nonprofit Organizations." Benton Foundation.

Chinitz, Benjamin, Thomas Horan and Darrene Hackler. 1996. *Stalking the Invisible Revolution: The Impact of Information Technology on Human Settlement Patterns*. Lincoln Institute of Land Policy Report.

Hackler, Darrene, ed. 1996. *Digital Communities Clinic Report and Annotated Bibliography*. Claremont Graduate University Research Institute and School of Politics and Economics.

Falcon, Dennis and Darrene Hackler. 1996. *Hispanic Perspectives: A National Survey*. Tomás Rivera Policy Institute Report.

Hackler, Darrene. 1995. *School Breakfast Program: Evaluation of Five Southern California Counties*. Tomás Rivera Policy Institute Report.

RESEARCH GRANT/CONTRACT WORK AND PROPOSALS

CGI Initiative for Collaborative Government, CGI Federal. 2009. "Beyond Recovery/Looking Ahead to 2011: How to Begin to Think Differently." Funded: \$10,000.

CGU and Lincoln Institute of Land Policy. 2009. "Technology-Based Economic Development in Cities: Focusing on Broadband Investment Fit in the Post-Boom Era."

The Ewing Marion Kauffman Foundation. 2008. "High-Technology Business Formation in an Era of Open Innovation." Funded: \$25,000.

CGI Initiative for Collaborative Government, CGI Federal. 2008. "Creating Jobs in America: Case Studies in Local Economic Development." Funded: \$20,000.

Office of Advocacy, Small Business Administration. 2008. "Human Capital and Women Business Ownership: Exploring Education, Experience, and Entrepreneurial Preparedness." Submitted July.

National Governors Association. 2008. Survey analysis and drafting a report on the future of transportation policy and finance for a coalition of state and local associations. Funded.

Office of Advocacy, Small Business Administration. 2007. "Human Capital and Women Business Ownership by Demographics." Funded: \$59,999.

U.S. Department of Commerce's Economic Development Administration. 2006. Comprehensive Economic Development Strategy grant, with a research team to assess economic development opportunities with information technology in Orange County, California. Funded.

Benton Foundation. 2002. "Building IT Capacity in Nonprofits." Funded.

Pricewaterhouse Coopers, Endowment for the Business of Government. 2001. "Hardwiring the Third Sector: Innovativeness and Information Technology in Nonprofits," with Christopher Stream.

WORKS IN PROGRESS

Hackler, Darrene. August 2009. "Insights into High-Technology and Regions in an Era of Open Innovation." The Ewing Marion Kauffman Foundation Research Brief.

Hackler, Darrene. 2009. "Technology-Based Economic Development in Cities: Focusing on Broadband Investment Fit in the Post-Boom Era." To be presented at the CGU and Lincoln Institute of Land Policy Seminar, Claremont, CA, September 18.

Hackler, Darrene. "Drivers of Local Economic Development and Job Creation." In preparation for journal submission.

Hackler, Darrene. Survey analysis and drafting a report on the future of transportation policy and finance for a coalition of state and local associations. Awaiting edits from funding organization.

Hackler, Darrene, Ellen Harpel, and Heike Mayer. "Human Capital and Women Business Ownership." In preparation for journal submission.

PROFESSIONAL ACTIVITIES

Conference Papers

Hackler, Darrene. 2009. "High-Technology and Regions in an Era of Open Innovation." Presented at 12th Uddevalla Symposium 2009: The Geography of Innovation and Entrepreneurship, Bari, Italy, June. Received Symposium "Best Paper Award" (<http://www.symposium.hv.se/extra/pod/>).

Hackler, Darrene and Christopher Hoene. 2009. "Entrepreneurial Cities in the Technology Economy: An Examination of Technology Infrastructure Policies in the United States." Presented at City Futures '09, Madrid, Spain, June.

Hackler, Darrene. 2009. "High-Technology and Women Entrepreneurs in an Era of Open Innovation." Presented at the Mason Entrepreneurship Research Conference, Fairfax, VA, March.

Hackler, Darrene. 2009. "Creating Jobs in America: Case Studies in Local Economic Development." Presented at the Urban Affairs Association, Chicago, IL, March.

Hackler, Darrene, Ellen Harpel, and Heike Mayer. 2008. "Human Capital and Women Business Ownership." SBAHQ-06-M-0481. Washington, DC: Office of Advocacy, Small Business Administration. Presented at the Urban Affairs Association, Baltimore, MD, April.

Hackler, Darrene and Heike Mayer. 2007. "Diversity, Entrepreneurship and Urban Environment." Presented at the Urban Affairs Association, Seattle, WA, April.

Hackler, Darrene, Ellen Harpel, and Heike Mayer. 2007. "Identifying Sources of Economic Growth." Presented at the American Planning Association, Philadelphia, PA, April. Article: <http://www.planning.org/conferencecoverage/2007/sunday/identifysources.htm>; Presentation: <http://www.businessdevelopmentadvisors.com/documents/InternalSourcesofGrowth.pdf>

Hackler, Darrene. 2006. "Entrepreneurial Cities in the Technology Economy: An Examination of Technology Infrastructure Policies." Presented at the American Political Science Association, Philadelphia, Pennsylvania, August.

Hackler, Darrene. 2004. "Local Development in the New Economy." Presented at the Urban Affairs Association, Washington, D.C., April.

Hackler, Darrene. 2004. "Local Government Competition in the New Economy." Presented at the Southern Political Science Association, New Orleans, Louisiana, January.

Hackler, Darrene. 2002. "Cities and the New Economy Infrastructure." Presented at the American Political Science Association, Boston, Massachusetts, September.

Hackler, Darrene. 2002. "Urban Economic Development in a High-Tech New Economy." Presented at Midwest Political Science Association, Chicago, Illinois, April.

Hackler, Darrene. 2001. "Pulling Glass for High-Tech Advantage: The Invisible Infrastructure's Role in Central City Revitalization Part II." Presented at the Southern Political Science Association, Atlanta, Georgia, November.

Hackler, Darrene. 2001. "Pulling Glass for High-Tech Advantage: The Invisible Infrastructure's Role in Central City Revitalization." Presented at the Association of Public Policy Analysis and Management, Washington, D.C., November.

Hackler, Darrene. 2001. "Invisible Infrastructure and the City Revitalization: The Role of Telecommunications and Economic Development." Presented at the American Political Science Association, San Francisco, California, September.

Hackler, Darrene. 2001. "High-Tech Industrial Location and Economic Development." Presented at the Midwest Political Science Association, Chicago, Illinois, April.

Hackler, Darrene. 2000. "Industrial Location and Economic Development in the Information Age: An Analysis of High-Technology Industries And Business Location Determinants." Presented at the Southern Political Science Association, Atlanta, Georgia, November.

Hackler, Darrene. 1999. "Industrial Location and Economic Development in the Information Age: An Analysis of High-Technology Industries." Presented at the Association of Public Policy Analysis and Management, Washington, D.C., November.

Hackler, Darrene. 1998. "Cities, Firm Location, and Information Technology: Enabling Decentralization." Presented at the Western Social Science Association Conference, Denver, Colorado, April.

Hackler, Darrene. 1998. "Industry Location and Cities in the Information Age: Altering the Incentive Structure?" Presented at the Telecommunications and the City Conference, University of Georgia, Athens, Georgia, March.

Chinitz, Benjamin, Thomas Horan and Darrene Hackler. 1996 "The Impact of Information Technology on Human Settlement Patterns." Presented at the 21st Rene Dubos Forum, New York, New York, June.

Hackler, Darrene. 1996. "Information Technology: Private Sector Business Decisions." Presented at the Center for Politics and Economics Conference, Claremont, California, April.

Research Presentations

“High-Technology Business Formation & Gender in an Era of Open Innovation: Part II,” presented for Kauffman Firm Survey Webinar, February 19, 2009.

“High-Technology Business Formation & Gender in an Era of Open Innovation,” presented at Kauffman Firm Survey: Data and Research Seminar, Arlington, VA, November 19, 2008.

“Bandwidth or Bust? Local Economic Development in the New Economy,” presented at Workshop in Politics, Philosophy and Economics, George Mason University, November 29, 2004.

Selected Professional Presentations

“Community Broadband.” Presented at the National League of Cities' Congress of Cities, New Orleans, Louisiana, December 2007.

“City Views on Municipal Broadband.” Presented at the National League of Cities' Congress of Cities, Reno, Nevada, December 2006.

“Cities in the Technology Economy.” National City Network's City Experiences with Municipal Broadband, October 2006.

“Managing Information Technology: Judicial Practice,” presented to visiting delegation of Egyptian judicial information technology professionals for the National Center for State Courts, Arlington, Virginia, September 2005.

“Information Technology and Public Administration: Promises and Perils,” presented at Spring Program for George Mason University Masters in Public Administration Alumni Chapter, Washington, D.C., April 2005.

“Integrating Municipal Telecommunications with Local Economic Development,” presented at Municipal Broadband: Challenges, Opportunities and Effective Solutions (Law Seminars Conference), Orlando, Florida, March 2004.

“Silver Bullets for Economic Development” presentation and roundtable participant, National League of Cities' Congress of Cities, Nashville, Tennessee, December 2003.

“Managing Technology: Theory and Practice,” presented to visiting delegation of Egyptian judicial professionals for the National Center for State Courts, Fairfax, Virginia, October 2003.

“Enhancing the Classroom with Course Management Tools,” presented the new electronic course template for my department's research methods course at the Center for Teaching Excellence and Instructional Resource Center's Faculty Showcase Series, Fairfax, Virginia, February 2002.

“Know Why IT Before Know How IT,” presented at Fairfax County Department of Finance Planning Meeting, Fairfax, Virginia, May 2001.

“The High-Tech Amenity: Resort and Hotel Technology,” presented at Lowe Enterprises Executive Management Conference, San Francisco, California, October 4, 1999.

“Digital Places,” Smart Communities Panel, presented at the California Chapter of the American Planning Association, Costa Mesa, California, September 1998.

“Digital Communities,” presented at Technology and Communities in Transition, American Planning Association National Conference, San Diego, California, April 1997.

Conference Discussant

“Information and Communications Technology Led Development: Economic, Political, and International.” 2005. Panel discussant at the American Political Science Association, Washington, DC, September.

“Information Regulation.” 2001. Panel discussant at the Association of Public Policy Analysis and Management, Washington, D.C., November.

Journal and Conference Reviews

Journal of Politics, Journal of Urban Affairs, Urban Affairs Review, Journal of Urban Technology, State and Local Government Review, Social Forces, and Encyclopedia for Social Measurement

Member of the Program Committee for the 2002 Information Resources Management Association (IRMA) International Conference, May 2002.

ACADEMIC GRANTS AND SERVICE

Junior Faculty Award in Social Sciences and Sciences, from College of Arts and Sciences, George Mason University for a semester leave, Fall 2002.

Technology Across the Curriculum Grant I from College of Arts and Sciences, George Mason University to develop an electronic research module for the research methods course in the Department of Public and International Affairs to fulfill University general education information technology proficiency requirement. See Technological Competency and Electronic Research at http://ucis.gmu.edu/tac/projects2.cfm?Fiscal_Year=2001-2002.

Piloted information technology ethics module in research methods course for **Technology Across the Curriculum Grant II** to fulfill remainder of University general education information technology proficiency requirement. See Online Module in IT Legal, Ethical, Security Issues at http://ucis.gmu.edu/tac/projects2.cfm?Fiscal_Year=2001-2002.

Committees and Affiliations

- George Mason University Press Advisory Board 2007-Present.
- Information Technology Committee, College Humanities and Social Sciences, 2007-Present.
- Faculty Advisor/Coordinator for Urban and Suburban Studies Minor, 2003-Present.
- Presidential Management Fellow review committee, 2006-Present.

- Curriculum Committee for Public and International Affairs, 2006-Present.
- Methods Committee for Ph.D. in Political Science, 2007-Present.
- Coordinator, Public & International Affairs Research Presentations 2007-Present
- Departmental Honors Program director, 2007-2009.
- MPA Director Search Committee for the Masters in Public Administration Program, 2004-2005.
- Admissions Committee for the Masters in Public Administration Program, 2003-2005.
- Curriculum Committee for the Masters in Public Administration Program, 2003-2005.
- American Society for Public Administration, Northern Virginia Chapter Board, 2003-2004.
- Faculty Affiliate, Center for Social Science Research, College Humanities and Social Sciences, 2004-Present
- Technology Across the Curriculum's Personal Bibliographic Management Software Working Group, Fall 2003.
- George Mason University's IT Competency Assessment Committee and IT Standards Faculty Panel to determine standards for PowerPoint, Spring 2002.
- Search committee member for American Politics (Parties, Elections, Public Opinion) and Methodology, Fall 2001.

Dissertation committees:

Completed

Carlos Scarscatini, Economics, June 2001
 Wendy Moody Warsholok, Economics,
 March 2002
 Nadine Jeserich, Economics, August 2003
 Bruno Viani, Economics, June 2004
 Dean Bellas, Public Policy, April 2005
 William Brennan, Economics, October 2005
 Ellen Harpel, Public Policy, June 2006
 Lynn Chapman, Public Policy, May 2009

Proposal Defense Completed

Justin Fazzari, Public Policy, May 2008
 Brad Keller, Public Policy, May 2009
 Seth Peery, Environmental Design and
 Planning, Virginia Polytechnic Institute
 and State University, May 2009
 Gretchen Ehle, Public Policy, August 2009

TEACHING EXPERIENCE

Instructor, George Mason University

Graduate: Policy Analysis, Urban Governance and Planning, Research Methods in Political Science, Technology and Economic Development, Managing Information Resources,

Undergraduate: Urban Governance and Planning, Government Research Proposal Design (Honors Program), Government and Politics of Metropolitan Areas, Research Methods and Policy Analysis, Cities in Global Transformation: Politics, Economics, Society, and Culture, Information Decisions and Management in Government, Information Technology Ethics

Teaching Assistant, Claremont Graduate University

Client Based Evaluation: Technology Assessment, Public Policy Evaluation, Planning
 Community Technology Systems

ACADEMIC HONORS & AWARDS

- “Best Paper Award” 12th Uddevalla Symposium: The Geography of Innovation and Entrepreneurship, June 2009
- Junior Faculty Award in Social Sciences and Sciences College of Arts and Sciences, George Mason University, Fall 2002.
- John R. Haynes Dissertation Grant Award, Claremont Graduate University, 1998-99
- Frank Biondi Fellowship, Claremont Graduate University, 1994-96
- Phi Eta Sigma National Honor Society
- National Dean's List, 1992
- Who's Who Among Students in American Universities & Colleges, 1992

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

- American Political Science Association
- Urban Affairs Association
- Association of Public Policy Analysis and Management
- Midwest Political Science Association
- Southern Political Science Association
- American Economics Association
- Western Social Science Association
- Albertson College Alumni Board of Directors and Alumni Ambassador
- American Society for Public Administration, Northern Virginia Chapter Board, 2005
- Hugh O’Brian Youth Foundation Alumni
- United States Tennis Association

BIOGRAPHY

Darrene Hackler is currently an associate professor at George Mason University in the Department of Public and International Affairs. She teaches domestic and comparative urban politics, economic development, policy analysis, research methods, and information technology policy. She is the advisor of the Urban Suburban Studies minor.

Her research focuses on the local political economy of cities as it relates to economic development through telecommunications infrastructure, the technology industry, innovation, and entrepreneurship. Her book, *Cities in the Technology Economy* (ME Sharpe 2006), examines the effects of technology industries and infrastructures on cities and the local policy actions required for effective responses to these challenges.

She is currently working on grants and contracts from The Ewing Marion Kauffman Foundation to examine entrepreneurship, women's business ownership, and innovation, the CGI Initiative for Collaborative Government to examine how federal, state, and local policy can utilize stimulus funds and take actions to go beyond recovery. She recently completed work for the CGI Initiative on current local economic development practices, for a coalition of state and local associations to analyze future transportation policy alternatives, and for the Small Business Administration that examined the connection between human capital and women's business ownership. She was also part of the research team that designed an Information and Communication Technology Comprehensive Economic Development Strategy for Orange County, California, under a grant from the Economic Development Administration, U.S. Department of Commerce.

She has work published in *Public Administration Review*, *Urban Affairs Review*, *Journal of Urban Affairs*, *Journal of Urban Technology*, *Canadian Journal of Regional Science*, *American Behavioral Scientist*, *Annals of Cases on Information Technology*, *Innovation Policy in the Knowledge-Based Economy*, and *Cities in the Telecommunications Age: The Fracturing of Geographies*.

Dr. Hackler received her M.A. in public policy and Ph.D. in political science and economics from Claremont Graduate University in California, and a B.A. in political science and economics from the College of Idaho.