

Heike Mayer, Ph.D.

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EDUCATION

- 2003 Ph.D. in Urban Studies, Portland State University, Oregon, USA
- 2000 Master of Urban Studies (MUS), Portland State University, Oregon, USA
- 1995 B.A./Vordiplom, Public Policy and Management, University of Konstanz, Germany

ACADEMIC POSITIONS

- Since August 2008 Associate Professor, Urban Affairs and Planning, Virginia Tech
Co-Director, Metropolitan Institute, Virginia Tech
- 4/2008-9/2008 Visiting Professor, Economic Geography, University of Bayreuth, Germany
(W3-Lehrstuhlvertretung für Prof. J. Maier)
- 08/2007-06/2008 Acting Director and Associate Chair, Urban Affairs and Planning Program,
Alexandria Center, National Capital Region, Virginia Tech
- 08/2003-07/2008 Assistant Professor, Urban Affairs and Planning Program, Virginia Tech
School of Public and International Affairs, College of Architecture and Urban
Studies (from 2003 to 2005 in Blacksburg)
- 09/1998-06/2003 Research Assistant, Institute of Portland Metropolitan Studies
Portland State University, Oregon

AWARDS, FELLOWSHIPS & MEMBERSHIPS

- 2008 College of Architecture and Urban Studies: Certificate of Distinguished Scholarship
- 2007 Virginia Chapter of the American Planning Association: Student Project Award for
“Farmshoring in Virginia” conducted by the Economic Development Studio @ Virginia Tech
(with John Provo)
- 2006 Smith Richardson Foundation Junior Faculty Fellowship in Domestic Public Policy
- 2005 College of Architecture and Urban Studies Excellence in Outreach Award
Phi Beta Delta
- 2002 Phi Kappa Phi
- 2001 Recipient of Fannie Mae Travel Award
- 1997 Study Abroad Fellowship for Oregon, State of Baden-Württemberg
- 1995 European Union Study Abroad Fellowship Recipient

PUBLICATIONS

a. Research Monographs

- 2007 Mayer, H. *A Review of State R&D Investment Funds: Ten Case Studies*. Final Report prepared for The Pew Center on the States & The National Governors Association for National Governors Association Chair's Initiative *Innovation America*.

Research from this monograph was incorporated in a publication by the National Governors Association and Pew Center on the States, published in July 2007. Title “*Investing in Innovation*”: <http://www.nga.org/Files/pdf/0707INNOVATIONINVEST.PDF>

- 2006 Mayer, H. *Finishing the puzzle in Kansas City: Opportunities and challenges to create a high-tech and life science economy*. Washington D.C.: The Brookings Institution’s Metropolitan Policy Program (59 pages).
- 2002 Cortright, J., & Mayer, H. *Signs of life: The growth of biotechnology centers in the U.S.* Washington DC: The Brookings Institution, Center on Urban and Metropolitan Policy (90 pages).
- 2001 Cortright, J., & Mayer, H. *High tech specialization: A comparison of high technology centers*. Washington D.C.: The Brookings Institution, Center on Urban and Metropolitan Policy.

b. Book Chapters

Peer-Reviewed

- 2008 Mayer, H. “Constructing Competitive Advantage: The Evolution of State R&D Investment Funds in the United States” Book chapter forthcoming in “*Scientific Cultures – Technological Challenges: A Transatlantic Perspective*”, edited by the Bavarian America Academy. Winter Verlag, Heidelberg, Germany
- Mayer, H. (2008). Competition for high-tech jobs in second-tier regions: The case of Portland, Oregon. In D. J. Watson & J. C. Morris (Eds.), *Building the local economy: Cases in economic development* (pp. 61-78): Carl Vinson Institute of Government, The University of Georgia.
- 2007 Mayer, H., & Knox, P. Pace of Life and Quality of Life: The Slow City Charter. In J. Sirgy, R., Phillips & D. Rahtz (Eds.), *Community Quality-of-Life Indicators: Best Practices III* (pp. 20-39). Blacksburg, VA: International Society for Quality of Life Studies (ISQOLS).

Reviewed by Editors

- 2004 Mayer, H., & Provo, J. The Portland edge in context. In C. Ozawa (Ed.), *The Portland edge* (pp. 9-34). Washington D.C.: Island Press.

c. Papers in Refereed Journals

- 2008 Martin, S., & Mayer, H. (Forthcoming). Sustainability, Clusters, and Competitiveness: Introduction to Focus Section. *Economic Development Quarterly*.

- Hackler, D., & Mayer, H. (2008). Diversity, Entrepreneurship and the Urban Environment. *Journal of Urban Affairs*, 30(3), 273-307.
- Hackler, D., Harpel, E., Mayer, H. (2008) *Human Capital and Women's Business Ownership*. Washington D.C.: Small Business Administration.
- 2007 Mayer, H. (Forthcoming) Segmentation and Segregation Patterns of Women-Owned High-Tech Firms in Four Metropolitan Regions in the United States. *Regional Studies*.
- Mayer, H., Hackler, D., & McFarland, C. (2007). Skills, Capital and Connections, too: A Regional Social Environment Perspective of Women Entrepreneurs *Canadian Journal of Regional Science*, 30(3).
- Mayer, H. (2007). What is the role of the university in creating a high-technology region? *Journal of Urban Technology*, 14(3), 33-58.
- Mayer, H. and Paul Knox (2007). Slow City oder Città Lente: Ein Zukunftsmodell der Stadtentwicklung? *Die Alte Stadt*, 3, 205-220.
- Mayer, H. Biotech industry clusters in the United States: The case of Washington D.C. and Kansas City. *Geographische Rundschau International Edition*, 3(1), 10-16.
- 2006 Mayer, H. and Paul Knox. Slow Cities: Sustainable Places in a Fast World. *Journal of Urban Affairs*, 28(4), 321-334.
- Mayer, H. What is the Role of Universities in High-tech Economic Development? The Case of Portland, Oregon, and Washington, DC. *Local Economy*, 21(3), 292-315.
- 2005 Mayer, H. Cluster monitor: A guide to analyzing industry clusters in regional economies. *Economic Development Journal*, 4(4), 40-53.
- Mayer, H. Planting high technology seeds: Tektronix role in the creation of Portland's Silicon Forest. *Oregon Historical Quarterly*, 106(4), 568-593.
- Mayer, H. Taking root in the Silicon Forest: The role of high technology firms as surrogate universities in Portland, Oregon. *Journal of the American Planning Association*, 71(3), 318-333.
- Mayer, H., Holzheimer, T., & Glidden, H. Fostering emerging technology sectors in Arlington County: An economic development strategy for knowledge creation and innovation. *Economic Development Journal*, 4(1).
- 2004 Cortright, J., & Mayer, H. Increasingly rank: The use and misuse of rankings in economic development. *Economic Development Quarterly*, 18(1), 34-43.

d. Other Articles

- 2007 Harpel, E., Mayer, H., and Hackler, D. Identifying Sources of Economic Growth. Session description published by the American Planning Association (<http://www.planning.org/conferencecoverage/2007/sunday/identifysources.htm>)
- 2003 Mayer, H. A clarification of the role of the university in economic development: Oregon's network approach to foster nanotechnology research and development. *NanoExpress*, December, Volume 3.

e. Papers in Refereed Conference Proceedings

- 2006 Mayer, H. Economic Trends and Location Patterns for Women High-Tech Entrepreneurs. *Frontiers of Entrepreneurship Research 2006*, p. 298-312. Conference proceeding of the annual Babson College Entrepreneurship Research Conference.
- 2003 Mayer, H. Corporate Restructuring and the Creation of the Innovation Milieu: The case of a second-tier high technology region in: *Clusters, Industrial Districts and Firms: The Challenge of Globalization*. Conference in honour of Professor Sebastian Brusco. September 12th to 13th, 2003. Modena, Italy.

e. Research Reports and Working Papers

- 2007 Mayer, H. & Provo J. *Farmshoring in Virginia: Domestic Outsourcing Strategies for Linking Urban and Rural Economies in the Commonwealth of Virginia*. Summary Report of the Economic Development Studio @ Virginia Tech.
- 2005 Mayer, H. *The Homeland Security Industry and its Impact on the Arlington, Virginia, Economy*. Issue paper Number 7. Arlington Economic Development.
- Mayer, H. *The Homeland Security Industry and its Impact on the Arlington, Virginia, Economy*. Final Report for Arlington Economic Development (with Roger Zalneraitis). Department of Urban Affairs and Planning, Virginia Polytechnic Institute and State University.
- 2004 Mayer, H. *Fostering Emerging Technology Sectors in Arlington County: An Economic Development Strategy for Knowledge Creation and Innovation*. Final Report for Arlington County. Department of Urban Affairs and Planning, Virginia Polytechnic Institute and State University.
- 2003 Mayer, H. *Over the Horizon" Targeted Technology Industry Study: Arlington County. Preliminary Assessment*. Department of Urban Affairs and Planning, Virginia Polytechnic Institute and State University.
- Mayer, H. *Cluster Monitor: A Guide for Analyzing Industry Clusters in the Portland-Vancouver Metropolitan Region*. Institute of Portland Metropolitan Studies, Portland State University.
- Mayer, H. *Metropedia: Emerging industry clusters and the region's recent economic history. Metroscape*.

Cortright, J., Mayer, H., Provo, J., & Seltzer, E. A regional economic development strategy for our region? *Metroscape*.

2000 Cortright, J., & Mayer, H. *The ecology of the Silicon Forest*. Portland, OR: Institute for Portland Metropolitan Studies, Portland State University (Report).

Cortright, J., & Mayer, H. *Portland's knowledge-based economy*. Portland, OR: Institute for Portland Metropolitan Studies, Portland State University (Working Paper 2).

Cortright, J., & Mayer, H. *Spin-offs, startups and fast growth firms in the Portland regional economy*. Portland, OR: Institute for Portland Metropolitan Studies, Portland State University (Working Paper 3).

f. Reviews

2007 Mayer, H. People and the Competitive Advantage of Place: Building a Workforce for the 21st Century. *Economic Development Quarterly*, 21(1), 101-102.

2005 Mayer, H. Cities of Knowledge: Cold War science and the search for the next Silicon Valley. *Journal of the American Planning Association*, 71(4), 468-469.

Mayer, H. Contribution to a roundtable discussion of Richard Florida's Book "Cities and the Creative Class" in *Journal of the American Planning Association*, 71(2).

2004 Mayer, H. Regional Economic Development: Analysis and Planning Strategy. *Journal of the American Planning Association*, 70(1), 117.

g. Other Publications (Outreach, Opinion Editorials, etc.)

2007 Mayer, H. (August 27, 2007). *Universities Can No Longer Be Called Mere Ivory Towers*. Guest Column in Richmond Times-Dispatch. <http://www.inrich.com/cva/ric/search.apx.-content-articles-RTD-2007-08-27-0211.html>

2006 Mayer, H. and Paul Knox (October 23). Can the U.S. learn from the Slow City movement? Weekly lead opinion editorial for the urban planning website *Planetizen* <http://www.planetizen.com/node/21630>

2005 Mayer, H. (December 4). The Matriarch Economy. Lead Opinion Editorial for the Sunday edition of *The Oregonian*, Portland, Oregon.

Mayer, H. *Arlington County: A Leader in Technology-Based Economic Development*. Austrian Embassy's Office of Science and Technology (Newsletter sent to over 3,500 interested parties). Retrieved, from the World Wide Web: <http://www.ostina.org/html/bridges/article.htm?article=1314>

WORK IN PROGRESS AND UNDER REVIEW

Books

Mayer, H. *Entrepreneurship and Innovation in Second-Tier Regions*. Book contract with Edward Elgar Publishing.

Knox, P. and Heike Mayer. *Small Town Sustainability*. Book contract with Birkhäuser Verlag Basel, Switzerland.

Articles and Papers

Mayer, H. and Bieri, D. *Bootstrapping High-Tech: Ten Steps for Second Tier Regions*. Policy Brief forthcoming with the Brookings Institution's Metropolitan Policy Program.

Mayer, H. and J. Provo Farmshoring in Virginia. Manuscript of *Economic Development Quarterly*.

Mayer, H. Bootstrapping High-Tech in Boise, Idaho. Manuscript for *Growth and Change or Regional Studies*.

SPONSORED RESEARCH AND OTHER GRANT AWARDS

Total grant award amount to date: \$290,376

2008 2008 Summers Scholars Program
Virginia Tech's Institute for Society, Culture, and Environment (ISCE)
Co-Principal Investigator (with Jim Bohland and Paul Knox, Virginia Tech)
Duration: 3 months
\$7,500

Idaho TechConnect, Idaho Office of Science & Technology, Idaho Innovation Alliance
Visualizing technology entrepreneurship in Boise, Idaho
Principal Investigator
Duration: 6 months
\$11,750

WSA – Washington's Technology Association
Visualizing technology entrepreneurship in the Puget Sound region
Co-Principal Investigator (with Paul Sommers, Seattle University)
Duration: 6 months
\$5,000

2007 Virginia Tech
Summer Session Teaching Grant
Co-Principal Teacher with Mariela Alfonzo
Duration: Summer 2008

\$5,000

Travel Scholarship from the Sloan Foundation's Industry Studies Program
To attend the 54th Annual Conference of the Regional Science Association International
Savannah, Georgia
\$500

Brookings Institution's Metropolitan Policy Program
Bootstrapping High-Tech: 10 Steps for Second-Tier Regions
Principal Investigator: 100%
Duration: 8 months
\$7,500

Pew Center on the States
Examination of state R&D investment funds for the National Governors Association
Principal Investigator / Consultant
Percent of Participation: 100%
Duration: 3 months
\$10,000

2006 Alexander-von-Humboldt Foundation's TransCoop Program & Virginia Tech
Examination of quality of life and economic competitiveness in Portland and Stuttgart
Co-Principal Investigator with Prof. Johann Jessen (University of Stuttgart, Germany)
Percent of Participation: 50%
Duration: 12 months
\$12,730 (€5,208 from Alexander-von-Humboldt Foundation)

Smith Richardson Foundation, Junior Faculty Fellowship in Domestic Public Policy
Bootstrapping High-Tech
Principal Investigator
Percent of Participation: 100%
Duration: 12 months
\$60,000

Virginia Tech: Women and Minority Artists and Scholars Lecture Series
Grant for New Metropolis Lecture by Dr. Daphne Spain (University of Virginia)
\$500

Small Business Administration
Women Business Owners and Human Capital
Investigator / Consultant with Darrene Hackler and Ellen Harpel
Percentage of Participation: 20%
Duration: 12 months
\$59,999

Virginia Economic Development Partnership and various other community partners and county governments
Examination of domestic outsourcing opportunities in the Commonwealth of Virginia
Co-Principal Investigator with John Provo

Percentage of Participation: 50%
Duration: 5 months.
\$19,500

2005 Brookings Institution's Metropolitan Policy Program
Examination of Kansas City's life sciences and high-technology industries
Principal Investigator
Percentage of Participation: 100 %
Duration: 12 months
\$7,237

Kauffman Foundation
Research on women-high technology entrepreneurs
Principal Investigator
Percentage of Participation: 100 %
Duration: 12 months.
\$24,660

2004 Arlington Economic Development
Examination of economic impact of the homeland security industry
Principal Investigator
Percentage of Participation: 100 %
Duration: 12 months
\$20,000

Virginia Tech's Office of International Research, Education and Development
Development of a strategic relationship with the University of Stuttgart, Germany
Principal Investigator
Percentage of Participation: 100 %
Duration: 9 months
\$1,000

2003 Arlington Economic Development
Examination of emerging technology industries in Arlington County
Co-Principal Investigator with Dr. Arthur C. Nelson
Percentage of Participation: 95 %
Duration: 12 months
\$20,000

2002 Various community and corporate sponsors in Portland, Oregon
Analysis and visualization of the genealogy of high-technology firms in Portland, Oregon
Principal Investigator
Percentage of Participation: 100 %
Duration: 24 months
\$25,000

INVITED LECTURES

- 2007 University of Wuerzburg, Germany, Institut für Geographie, Kolloquium, December 18, 2007
University of Kaiserslautern, Germany, December 13, 2007
University of Stuttgart, Germany, December 11, 2007 (Vortrag im Städtebau Kolloquium)
Boise State University, May 8
- 2006 School of Public Affairs, Arizona State University, March 7
- 2005 Department of Landscape Architecture, Virginia Tech, Guest lecturer in “Livable Cities” series
School of Architecture, Virginia Tech, Guest lecture to Professional Practice class
- 2004 Städtebau Institut, University of Stuttgart, Germany
- 2003 Lewis Mumford Center, State University of New York at Albany, November (Invited by Prof. John Logan)

SCHOLARLY PRESENTATIONS

- 2008 “Visualizing Entrepreneurial Genealogies in the Pacific Northwest: Seattle, Portland and Boise” Keynote Lunch Presentation at the 42nd Annual Pacific Northwest Regional Economic Conference in Tacoma, Washington, May 14-16, 2008.

“Innovation and Entrepreneurship in Second Tier Regions” Presentation at the Geographic Institute, University of Bern, Switzerland, April 24, 2008.
- 2007 “Bootstrapping High-Tech: Innovation and Entrepreneurship in Second Tier Regions” Presented at the 54th Annual Conference of the Regional Science Association International in Savannah, Georgia, November 7-10, 2007. Presentation was sponsored by the Industry Studies Program of the Sloan Foundation.

“Heritage and Self-Sufficiency in Slow Cities” (with Paul Knox). Presented at the XXI. Conference of the Association of European Schools of Planning in Naples, Italy, July 11-14, 2007.

“Constructing Competitive Advantage: The Evolution of State R&D Investment Funds in the United States”. Presented to the 9. Academic Conference of the Bavarian America Academy. Conference Title: Scientific Cultures - Technological Challenges: A Transatlantic Perspective. Munich, Germany, June 14-16, 2007.

“Diversity, Entrepreneurship and Urban Environment” (with Darrene Hackler). Presented at the Urban Affairs Association Conference in Seattle, WA, April 2007.

“Identifying Sources of Economic Growth.” (with Darrene Hackler and Ellen Harpel). Presented at the 99th Annual Conference of the American Planning Association in Philadelphia, PA. April 2007.
- 2006 “Entrepreneurship, Women, and High-Tech: Does Location Matter?” Presented at the annual conference of the Association of Collegiate Schools of Planning (ACSP) in Fort Worth, Texas, November 2006.

“Slow Cities: Sustainable Places in a Fast World” (with Paul Knox). Presented at the World Planners Congress in Vancouver, Canada, June 2006.

“Gendered Space: Where do Women High-Technology Entrepreneurs Locate?” Presented at the Babson College Entrepreneurship Research Conference in Bloomington, Indiana, June 2006.

“Gendered Space: Where do Women High-Technology Entrepreneurs Locate?” Presented at the Urban Affairs Association Conference in Montreal, Canada, March 2006.

“Finishing the puzzle in Kansas City: Opportunities and challenges to create a high-tech and life science economy.” Presented at Virginia Tech’s College of Architecture and Urban Studies’ Research Symposium in Blacksburg, Virginia, February 2006.

2005 “Everything is up to date in Kansas City: Opportunities and challenges to create a high tech and life science economy.” Presented at the annual conference of the Association of Collegiate Schools of Planning (ACSP) in Kansas City, Missouri, October 2005.

“Slow Cities: Sustainable Places in a Fast World.” (with Paul Knox). Presented at the annual conference of the Urban Affairs Association (UAA) in Salt Lake City, Utah, April 2005

“Fostering emerging technology sectors in Arlington County: An economic development strategy for knowledge creation and innovation.” Presented at the American Planning Association (APA) Conference in San Francisco, California, March 2005.

“University-based economic development: The case of Portland, Oregon and Washington D.C.” Presented at the annual conference of the Association of Collegiate Schools of Planning (ACSP) in Portland, Oregon, October 2005.

2004 “New Economy, Old Strategies: Inserting Regionalism in Economic Development” (with John Provo and Ethan Seltzer) Presented at the annual conference of the Association of Collegiate Schools of Planning (ACSP) in Portland, Oregon, October 2005.

“Growing a high tech region without a Stanford or MIT: High technology firms as surrogate universities in Portland, Oregon. Presentation to the Fulbright Summer Institute on Regional Economic Development, University of North Carolina at Chapel Hill, June 2004.

“High technology economic development in the absence of a university: Industrial restructuring in two U.S. regions.” Presented at the DRUID summer conference on Industrial Dynamics, Innovation and Development in Helsingør, Denmark, June 2004.

“Next Generation” High Technology Employment in Washington DC: The Case of Arlington County. (With Terry Holzheimer, Hal Glidden and Chris Nelson.) Presented at the 34th Annual Meeting of the Urban Affairs Association in Washington D.C., March 2004.

2003 “Sustainable Strategies for High Technology in Portland: Will Nanotech Re-Seed the Silicon Forest?” Presentation at the Forum on Sustainability and the Economy, Institute of Portland Metropolitan Studies, PSU. http://www.media.pdx.edu/PSU/IMS_112503.aspx, November 2003.

“Corporate Restructuring and the Creation of the Innovation Milieu: The case of a second-tier high technology region.” Paper presented at the conference (in honor of Sebastian Brusco) on

Clusters, Industrial Districts and Firms: the Challenge of Globalization in Modena, Italy, September 2003.

“Technology, Entrepreneurship, and Regional Economic Development: The case of the Silicon Forest.” Panel presentation at PICMET conference in Portland, Oregon, July 2003.

“A clarification of the role of the university” Paper presented at the ACSP/AESOP Joint Conference in Leuven, Belgium, June 2003.

“Economic Development Strategies in Metropolitan Portland, Oregon: A Missing Link in Regional Planning?” (With John Provo). Paper presented at the 33rd Meeting of the Urban Affairs Association (UAA) in Cleveland, Ohio, March 2003.

2002 “The regional life of widget: The impact of high tech innovations on regional economies and policy implications.” Paper presented at the annual conference of the Association of Collegiate Schools of Planning (ACSP), Baltimore, MD. November, 2002.

2001 “The Ecology of the Silicon Forest: Innovation and Learning in Portland’s High Technology Industry.” Presented at the annual conference of the Association of Collegiate Schools of Planning (ACSP), Cleveland, OH., November 2001.

“The Ecology of the Silicon Forest: Innovation and Learning in Portland’s High Technology Industry.” Presented at the Annual Conference of the Society for the History of Technology, San Jose, CA., November 2001.

“Taking Root in the Silicon Forest: A Case Study of the High Tech Industry in Portland, OR.” Presented at the 31st Annual Meeting of the Urban Affairs Association (UAA), Detroit, MI, April 2001.

1999 “Network Forms of Organization in Portland’s Multimedia Industry.” Presented at the annual conference of the Union for Democratic Communication, Eugene, OR, October 1999.

OUTREACH PRESENTATIONS

2008 “Entrepreneurial Genealogies: A Visual Analysis of Boies’s High-Tech Economy” Presentation at the 2008 Forum of the National Association of Workforce Boards, February 24, 2008.

2007 “State Investments in University Research: Leveraging R&D for Economic Development” Lunch keynote presentation to the State Senate Finance Committee in Blacksburg, Virginia, November 15, 2007.

“Farmshoring in Virginia” Invited presentation at the annual conference of the State Science and Technology Institute in Baltimore, Maryland, October 19, 2007.

“Slow = Competitive” Invited presentation at the Cluster 2007 conference of The Competitiveness Institute in Portland, Oregon, October 11, 2007.

“Mapping the Silicon Forest” Invited presentation at the Cluster 2007 conference of The Competitiveness Institute in Portland Oregon, October 12, 2007

“The next Silicon Valley? The role of second tier high-tech and biotech regions” Invited Presentation at the annual conference of the International Economic Development Council in Phoenix, Arizona, September 18, 2007.

“Innovation and Entrepreneurship in Second Tier Regions” Invited keynote presentation to the Economic Development Research Partners Program of the International Economic Development Council, Chicago, August 16, 2007.

“Bootstrapping High-Tech: Entrepreneurship and Innovation in Second Tier Regions. Presented to the Idaho Department of Commerce, Boise, Idaho, April 30, 2007.

2006 “Economic Development Studio @ Virginia Tech: “Farmshoring” to Rural Virginia.” (with John Provo) Presented to the Northern Virginia Center Fall Forum, Virginia Tech, Falls Church, VA, November 2006.

“Finding the Sweet Spot: Building Communities of Practice Involving Engagement, Discovery, and Learning.” Presented to Third Annual University-Community Partnership Conference in Blacksburg, VA (with John Provo and Chad Miller).

“Signs of Life: Biotech Industry Development in D.C.” Presented to the Bio IT Coalition in Arlington, VA (with Alan Fogg, graduate student), March 2006.

“Bootstrapping High-Tech: Alternative Strategies for Second-Tier Regional Economies.” Presented to the International Economic Development Council in Washington, D.C., February 2006.

2005 “Doing Business in Roanoke” Presentation to the Board of the Center for Regional Strategies (with Erik Knott, graduate student). Blacksburg, Virginia, February 2005.

2004 “Emerging Technologies for the Next wave of Growth” Moderator for panel with Martin Briley, Prince William County Department of Economic Development, Dr. Roger Stough, George Mason University, and Doug Koelemay, Qorvis Communications. Northern Virginia Summit on Economic Development “Enhancing Our Region’s Economic Prosperity” (Opening remarks presented by Secretary Schewel). George Mason University, Manassas, Virginia, October 2004.

“Virginia’s Potential in Homeland Security and Knowledge-based Industries” Presented to the Virginia Economic Developers Association (VEDA) Professional Development Seminar. George Mason University, Manassas, Virginia, October 2004.

Meeting with Governor Mark Warner. Richmond, Virginia, August 2004.

“Evolution of Portland’s high technology industry.” Presentation at the Regional Leaders Seminar. Institute of Portland Metropolitan Studies, Portland State University, January 2004.

TEACHING EXPERIENCE

Since 2005 developed extensive experience in distance learning education.

2008- Associate Professor, Urban Affairs and Planning, Virginia Tech
2003-2008 Assistant Professor, Urban Affairs and Planning, Virginia Tech
2002 Lecturer (Summer term), Portland State University
2001 Lecturer (Summer term), Portland State University

COURSES TAUGHT

Graduate:

Small Town Sustainability (Fall 2007)
Urban Economy & Public Policy (Spring 2006)
Urban and Regional Development Theory (Fall 2003, Fall 2005, Fall 2006, Fall 2007)
Local Economic Development Planning (Spring 2004, Spring 2005, Spring 2006, Spring 2008)
Economic Development Studio (Fall 2004, Fall 2006)
Community Economic Development (Fall 2005)
Community Building Seminar (Fall 2003)
Regions in a Global Economy (Summer 2001)
Metropolitan Planning Seminar (Spring 2006, Fall 2006)

Undergraduate:

Urbanization and Development (Spring 2004, Fall 2004, Spring 2005)
Concepts of Community Development (Summer 2002)
Support Faculty for Travel Abroad program in Europe (Summer 2005)

OTHER TEACHING

Doctoral Dissertations (completed)

As a Committee Member

2008 Asli Ceylan Oner "Locational Distribution of Global Advanced Producer Services Firms in the Polycentric US Metropolis" (Committee Member, EDP)
2005 Chad Miller "The Tholian Web: The Political/Institutional Context of Regional Cluster-Based Economic Development" (Committee Member, CPAP)

Doctoral Dissertations (in progress)

Committee Chair: Christiana McFarland, Seth Peery
Committee Member: Asli Ceylan Oner, Kate Fisher, David S. Bieri, Gisele Goldstein, Lisa Poley

Master Theses, Major Paper or Practicum

2007-2008 Shana Johnson "Tucson's Clustered Connections" (Major Paper, Chair, MURP Alexandria)

Sean Pink "Downtown Cambridge: Pursuing a Sustainable Commercial District" (Practicum Paper, Chair, MURP Alexandria)

Christy Blake "Infusing Community and Economic Development: Economic Development Practice and the Revitalization of Georgia Avenue" (Major Paper, Chair, MURP, Alexandria)

- 2006-2007 Suzie Battista “Through the Looking Glass: A Study on Perceptions and Talent. City of Roanoke, Virginia” (Practicum Paper, Chair, MURP Alexandria)
- Jonathan Logan “Shrinking Slower: An Investigation of a Slow Cities Approach to Right-sizing Shrinking Cities” (Major Paper, Chair, MURP Alexandria)
- Alan Fogg “Tysons Corner in 2050 -- a comprehensive plan to get there from here” (Major Paper, Member, MURP Alexandria)
- 2005-2006 Kristen Gedeon “Tysons Corner: The New Urban Village Design Guidelines for Transforming an Edge City Into an Urban Center” (Thesis, Landscape Architecture Thesis, Member)
- Jennie Geisner “Live/Work and Work/Live Spaces: A Guide for Planners” (Major Paper, Member, MURP Alexandria)
- Roger Zalneraitis “Like Needles in a Haystack: How Value Chains Can Help Practitioners Find Interfirm Linkages and Spatial Concentration” (Major Paper, Chair, MURP Blacksburg)
- 2004-2005 Seth Peery “An Investigation into the Economic Development Potential of Information Production as a Firm-Level Effect of Broadband Telecommunications in Rural Areas” (Thesis, Chair, MPIA)
- Joanna Paulson “Rural Planning and Zoning Adoption in the United States” (Major Paper, Member, MURP)
- Eric Knott “The Arts and Socioeconomic Development: The Planning of a Roanoke Art Museum” (Major Paper, Member, MURP)
- Russell Mills “Business Improvement Districts: The Role of BIDs in Local Economic Development” (Major Paper, Chair, MURP)
- Ryan Ramsey “Reconstructing Architectural Heritage: How do historic preservation tax incentives aid in the inner city rehabilitation of historical structures, neighborhoods and communities?” (Major Paper, Member, MURP)
- Casey Callahan “An Examination of Best Practices for the Creation of Live/Work Spaces to Revitalizing Urban Communities” (Practicum, Chair, MURP, Practicum)
- 2003-2004 Zenobia Fields “Using Public Policy to Promote Community Economic Development: Focusing on Transportation and Workforce Development Policy” (Major Paper, Member, MURP)
- Jane Materna “The Institute for Advanced Learning and Research Program in the Dan River Region of Virginia and New Growth economic development theory” (Major Paper, Member, MPIA)

Aliana Whitaker “The Internationalization of Higher Education: A US Perspective”
(Major Paper, Member, MPIA)

Kevin Byrd “The Changing Role of Downtowns: An Examination of the Condition of
Cities and Methods to Reinvent the Urban Core” (Major Paper, Member, MURP)

Rong Cai “Interaction between Trust and Transaction Costs: An Examination of Inter-
Organizational Transactions” (Major Paper, Member, MURP)

WORKSHOPS LED OR ATTENDED

2006 *Virginia Tech’s Planning Academies*. December 7 and 8, 2006 in Falls Church, Virginia.
Instructor of class on Economic Development and Industry Clusters.

Lincoln Institute of Land Policy. July 24 to 28, 2006 in Cambridge, Massachusetts.
Competitively selected as participant for the workshop on Fiscal Dimensions of Planning.

2005 *Kauffman Foundation Entrepreneurship Boot Camp*. July 5 to 8, 2005. Selected as junior
teaching faculty to present on current research. Organized by the Kauffman Foundation and
the University of North Carolina at Chapel Hill.

Faculty Development Institute in Riva San Vitale, Switzerland: Selected as one of two
representatives for the College to attend international faculty development seminar. Organized
by Virginia Tech’s Office of International Research, Education, and Development, May 18-28,
2005.

2004 *Fulbright Summer Institute: Regional Economic Development – An Assessment of Emergent
Theories, Strategies, and Policies*. June 7 to 11, 2004. Organized by University of North
Carolina at Chapel Hill.

Kauffman Foundation Entrepreneurship Boot Camp. July 7 to 9, 2004. Selected as one of 20
participants. Organized by the Kauffman Foundation and the University of North Carolina at
Chapel Hill.

MEDIA QUOTATIONS

- Interviews in local segment of NPR’s “All Things Considered” about “Farmshoring in Virginia” on
June 26, 2007: http://www.wvtf.org/news_and_notes/audio/fe_farmshoring_06-26-07.mp3
- 30-minute interview with Bob Kustra, President Boise State University, on “New Horizons in
Education,” May 18, 2007
(http://www.publicbroadcasting.net/idaho/NHIE.mediaplayer?STATION_NAME=idaho&MEDIA_ID=590006&MEDIA_EXTENSION=mp3&MODULE=NHIE).
- Quoted in *USAToday* article in a 2-page, color story about Slow City movement (Nov. 22, 2006)
- Quoted in *USAToday* article on women entrepreneurs and economic development (March 9, 2006)
- 30-minute interview on *Smart City Radio* (syndicated NPR show) about women entrepreneurs,
bootstrapping high-tech, and slow cities: http://smartcityradio.fluidhosting.com/2006/03-March/030506_SmartCity.mp3

- *Business Journals* run two nation-wide stories on the biotech industry and quoted 2002 *Signs of Life* study published with The Brookings Institution. Titles of the stories: “States spend millions in feverish pursuit of biotech” and “Biotech payoff ‘more prestige than payroll’.” Local companion articles appeared in Pittsburgh, Louisville, Cincinnati, Kansas City, Dallas, Denver, Nashville, San Antonio, Phoenix and Washington.
- Several newspaper articles about Homeland Security Study for Arlington Economic Development including the *Washington Post Express*, *Richmond Times-Dispatch*, *WTOP Radio*, *Washington Examiner*, *VT’s Collegiate Times*, etc.
- *Blue Ridge Business Journal*, lead article about the application of my research on emerging high-technology regions to the New River Valley (Vol 17, No. 6, April 4, 2005)
- Research on Portland’s high technology industry was mentioned in several articles in *The Oregonian* in 2002 and 2003.

OTHER PROFESSIONAL ACTIVITIES

a. Reviewer for

- National Science Foundation, Geography and Regional Science Unit
- Taylor & Francis
- Journal of the American Planning Association
- Journal of Urban Affairs
- Cities
- Canadian Journal of Regional Science
- Administration & Society
- Economic Development Quarterly
- Research Policy
- Progress in Planning
- State and Local Government Review

b. Professional Service

2005- American Planning Association: Student Paper Competition of the Economic Development Division: 2005, 2006, 2008 (Committee Chair), 2007 (Committee Member)

c. National, State and Regional Community

2007 Reviewer for State Policy Academy for the National Governors Association
 2007 Member of the Academic Advisory Board for 2007 national conference of The Competitiveness Institute; Member of organizing committee of Academic Summit
 2005 Advised Governor Warner on state-wide economic development issues
 2002 Emerging Cluster Committee, New Economy Coalition, Portland
 2001 Economic Vitality Group, Coalition for a Livable Future, Portland

d. University Community

Virginia Tech

2006/2007 Urban Affairs and Planning Search Committee (Alexandria)
 Organizer New Metropolis Lectures (Alexandria)
 2005/2006 Center for Public Administration and Policy Search Committee (Alexandria)
 Organizer New Metropolis Lectures (Alexandria)
 2004/2005 CAUS, School of Architecture Search Committee (Blacksburg)
 Speakers Committee, SPIA, Virginia Tech

2003/2004 Office of Economic Development Search Committee (Blacksburg)
Speakers Committee, SPIA, Virginia Tech

Other Universities

2001-2003 Student Representative, Portland State University Strategic Planning Committee
1999-2001 Student Representative to Faculty Meeting, School of Urban Studies and Planning, PSU
1995-1997 Student Representative to Faculty Senate, University of Konstanz, Germany

AFFILIATIONS

Metropolitan Institute, Virginia Tech, Fellow
Sloan Foundation Industry Studies Program, Affiliate
Association of Collegiate Schools of Planning
Urban Affairs Association
American Planning Association, American Planning Association's Economic Development Division