

EDWARD J FESER

INTERIM VICE CHANCELLOR FOR ACADEMIC AFFAIRS AND PROVOST
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Dr. Edward Feser is a city planner and applied economist with expertise in economic development, innovation and technology policy, strategic planning and regional economic modeling. Throughout his career he has sought to translate his academic research to application in public policy, directly via service in government and indirectly through an active consulting practice and a long-time affiliation with the Center for Regional Economic Competitiveness, a not-for-profit think tank based in Arlington, Virginia. He was named a Governor Edgar Fellow in 2013 in recognition of his leadership in both the academic and government sectors.

Dr. Feser is an award-winning teacher and author or co-author of over 75 articles, book chapters, and professional reports. He has served as PI or co-PI on \$2.3 million in grants and contracts, with funding from the National Science Foundation, U.S. Economic Development Administration, U.S. Department of Agriculture and U.S. Department of Education, among other agencies and organizations. He was a Visiting Professor and Fulbright Senior Specialist at the Vienna University of Economics and Business in 2005 and was named a University Scholar by the University of Illinois in 2007.

After serving on the University of Illinois at Urbana-Champaign faculty for 11 years and as department head and dean, Feser was named Interim Vice Chancellor for Academic Affairs and Provost in September 2015. In his current role he works with deans, campus senior leadership, the faculty and the Academic Senate to advance the excellence of programs in thirteen academic colleges and schools, the Graduate College, and the University Library; recruit and retain a diverse and distinguished faculty; and admit and support the academic success of over 33,000 undergraduate and 11,000 graduate students. He manages the university's \$2 billion budget, oversees strategic facilities planning and human resources, assists the chancellor with state government relations, oversees the development and implementation of the university's globalization strategy, and supervises progress on the university's strategic plan.

Feser is managing the university's adjustment to the State of Illinois' unprecedented budget crisis, now in its second fiscal year. As part of that effort, he has initiated a comprehensive reform of the university's budgeting system and model aimed at increasing transparency and positioning the campus to be more resilient in the face of unstable and rapidly diminishing state support. He is guiding the start-up of the university's first new college in 60 years—the Carle Illinois College of Medicine—a public-private partnership and the first medical college to ground the MD curriculum in engineering, data science and systems thinking. He is also overseeing the development of a new 60,000 square foot, \$48 million multidisciplinary Center for Design. Over the past academic year he recruited new deans of applied health sciences, agriculture, and medicine and concluded negotiations for the university's first contract with its non-tenure track faculty union.

Feser remains Dean (on leave) of the university's College of Fine and Applied Arts, overseeing academic and engagement programs in architecture, landscape architecture, urban planning, design, and the visual and performing arts. As dean, he championed opening the arts and design disciplines to students across the campus, expanded innovative blended and online offerings, and increased enrollments through more aggressive marketing, recruiting and scholarship strategies. He serves on the Executive Committee of the Alliance for the Arts in Research Universities, a consortium of over thirty

leading U.S. universities committed to developing innovative ways to integrate arts, design, STEM and other disciplines in higher education, in order to foster creative thinkers in all fields.

Feser served as Eddle Davies Chair of Entrepreneurship and Head of the Division of Innovation, Management and Policy at the Manchester Business School, University of Manchester, UK, in 2011-12 (while on leave from Illinois); as Head of the Department of Urban and Regional Planning at the University of Illinois at Urbana-Champaign from 2007 to 2011; as assistant and associate professor of city and regional planning at the University of North Carolina at Chapel Hill from 1997 to 2003; and as Assistant Secretary for Policy, Research and Strategic Planning in the North Carolina Department of Commerce in 2003 (on secondment from UNC Chapel Hill). At Illinois, he holds professorships in the Department of Urban and Regional Planning and Department of Agricultural and Consumer Economics.

Feser earned a Ph.D. in Regional Planning (1997) and a Master of Regional Planning (1994) from the University of North Carolina at Chapel Hill and a Bachelor of Arts in Government (1989), *summa cum laude*, from the University of San Francisco.

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Email Addresses	feser@illinois.edu	
Date/City of Birth	6 September 1967	Cardston, Alberta, Canada
Citizenship	United States, Canada	
Education	Ph.D., University of North Carolina at Chapel Hill M.R.P., University of North Carolina at Chapel Hill B.A. (Government), <i>summa cum laude</i> , University of San Francisco	(11 May 1997) (15 May 1994) (19 May 1989)
Academic Appointments & Affiliations	<p>Interim Vice Chancellor for Academic Affairs and Provost, University of Illinois at Urbana-Champaign (UIUC), Sep 15-present</p> <p>Dean, College of Fine & Applied Arts, (UIUC), Nov 12-present (on leave during service as Interim provost)</p> <p>Professor, Department of Urban & Regional Planning, College of Fine & Applied Arts, University of Illinois at Urbana-Champaign (UIUC), Aug 07-present</p> <p>Visiting Faculty, Manchester Business School, University of Manchester (UM), Nov 12-Feb 15</p> <p>Eddie Davies Chair of Entrepreneurship, Manchester Business School, UM, Jun 11-Nov 12</p> <p>Head, Division of Innovation, Management, & Policy, Manchester Business School, UM, Oct 11-July 12</p> <p>Head, Department of Urban & Regional Planning, UIUC, Aug 09-May 11</p> <p>Interim Head, Department of Urban & Regional Planning, UIUC, Aug 07-Aug 09</p> <p>Professor, Department of Agricultural and Consumer Economics, College of Agricultural, Consumer, and Environmental Sciences, UIUC, Oct 08-present</p> <p>Research Professor, Regional Economics Applications Laboratory, UIUC, Jan 04-present</p> <p>Visiting Professor & Fulbright Senior Specialist, Department of Urban & Regional Planning, WU Wirtschaftsuniversität Wien, Apr 05-Jul 05</p> <p>Faculty Excellence Associate Professor, Department of Urban & Regional Planning, UIUC, Jan 04-Aug 07</p> <p>Associate Professor, Department of City & Regional Planning, College of Arts & Sciences, University of North Carolina at Chapel Hill (UNC-CH), Jan 03-Dec 03</p> <p>Associate Dept Chair, Department of City and Regional Planning, UNC-CH, Jul 02-Jun 03</p> <p>Assistant Professor, Department of City and Regional Planning, UNC-CH, Jan 97-Dec 02</p> <p>Faculty Fellow, Office of Economic Development, UNC-CH, Jan 99-Dec 03</p> <p>Visiting Research Fellow, U.S. Bureau of Labor Statistics, Washington, DC, 99-03</p> <p>Faculty Fellow, Center for Urban and Regional Studies, UNC-CH, Jan 97-Dec 03</p> <p>Visiting Research Fellow, Center for Economic Studies, U.S. Census, Washington, DC, 1996</p> <p>Research Associate, Institute for Economic Development, UNC-CH, 1994-6</p>	
Professional Appointments & Affiliations	<p>Senior Research Fellow, Center for Regional Economic Competitiveness, Arlington, VA, Jan 09-present</p> <p>Assistant Secretary, North Carolina Department of Commerce, 1/03-12/03</p> <p>Chief economist and senior policy advisor to the Secretary and Executive Director, Division of Policy, Research and Strategic Planning.</p> <p>Planner, Community Services Planning Council, Sacramento, CA, 9/89-8/90</p>	
Courses Taught	Regional Development Theory State & Local Economic Development Policy Sustainable Development of Island States Urban & Regional Analysis Methods	Economic Impact Analysis Urban Spatial Structure Research Design Seminar Planning Theory
Honors	Edgar Fellow, 2013 University Scholar, University of Illinois at Urbana-Champaign, 2007	

Technology Based Economic Development Research Award, Trent Lott National Center of Excellence for Economic Development and Entrepreneurship, 2007
 Fulbright Senior Specialist, Austria, May-July 2005
 List of Teachers Ranked as Excellent by their Students, University of Illinois at Urbana-Champaign, Spring 04, Fall 05, Fall 06, Spring 08, Spring 09, Fall 09, Spring 11
 Finalist, Distinguished Teaching Award for Post-Baccalaureate Instruction, UNC-CH, 2001
 Geoffrey Hewings Young Scholar Award, North American Regional Science Council, 2001
 Fulbright German Studies Seminar, Germany, June 2001
 Most Outstanding Advisor Award, UNC-CH Dept of City and Regional Planning, 2000
 Most Outstanding Teacher Award, UNC-CH Dept of City and Regional Planning, 1999, 2000
 Springer-Verlag (Best Paper) Prize, Western Regional Science Association Conference, 1999
 University of North Carolina Dissertation Fellowship, 1995
 Alpha Sigma Nu, National Jesuit Honor Society

External Funding

Feser, E (PI), Hewings, G J D (co-PI), and K Poole (co-PI), *Diversifying Appalachia: Metrics, Tools, Strategies, and Guides*, Appalachian Regional Commission, \$248,736, 1 October 2012 to 30 September 2013.

Poole, K (PI), White, M (co-PI), and E Feser (co-PI), *Informing Regional Strategy Development & Skill Building for Strategic Planning*, Economic Development Council of Ontario, \$166,750, 1/3/2011-2/15/2012.

Feser, E (PI), *North Carolina Broadband Rigor in Mapping: External Evaluation*, North Carolina Rural Economic Development Center for e-NC, \$6,265, 2/1/2010-6/30/2010.

Feser, E (PI), *Economic Development Governance, Strategy, and Capacity Building*, Council for Community Economic Research, \$85,000, 1/1/2010-12/31/2010.

Feser, E (PI), *International Certificate in Urban and Regional Planning*, U.S. Department of Education, Fund for the Improvement of Postsecondary Education, EU-US Atlantis Program, \$194,000, 9/2009 – 8/2014

Feser, E (PI), *Regional Industry Cluster Analysis of the WIRED ALMS Region*, Rural Policy Research Institute, University of Missouri-Columbia, \$16,879, 2/2007 – 1/2008

Lu, F (PI), E Feser (co-PI), *Regionalism and Clusters for Local Development*, U.S. Economic Development Administration, \$362,060, 10/2006 – 11/2007

Feser, E (PI), *Memphis Testbed Disaster Economic Consequence Analysis*, Mid-American Earthquake Center \$45,000 (\$45,000 National Science Foundation plus \$37,500 internal match), 10/2005 – 10/2007

Feser, E (PI), *The Economic Consequences of Earthquakes and other Disasters*, Mid-American Earthquake Center, \$123,750 (\$123,750 National Science Foundation plus \$123,750 internal match), 10/2004 – 10/2007

Feser, E (PI), *Regions, Industrial Dominance, and Business Success: An Inquiry into the Geography of Economic Adjustment, Flexibility and Competitiveness*, National Science Foundation, \$149,971, 8/2004 – 7/2009

Isserman, A (PI), E Feser (co-PI), *Why Some Rural Areas Prosper and Others Do Not*, U.S. Department of Agriculture, \$75,000, 1/2004 – 10/2006

Feser, E (PI), *Rural Broadband Access in Illinois*, Office of the Lt. Governor, Illinois Rural Affairs Council, \$18,619, 6/2004 – 9/2004

Feser, E (PI), *National Science Foundation Dissertation Improvement Grant (for Henry Renski)*, \$11,951, 3/2004 – 2/2005

Feser, E (PI), *Economic Policy Analysis Internship Program*, North Carolina Department of Commerce, \$35,400, 5/2003 – 9/2003

Feser, E (PI), *U.S. Rural-Urban Industry Shifts in the 1990s*, North Carolina Rural Economic Development Center, \$23,091, 5/2002 – 8/2002

Feser, E (co-PI), R Quercia (co-PI), *Community Development Work Study Program*, U.S. Department of Housing and Urban Development, \$90,000, 5/2002 – 7/2004

Feser, E (co-PI), R Quercia (co-PI), *Community Development Work Study Program*, U.S. Department of Housing and Urban Development, \$88,470, 3/2002 – 7/2003

Feser, E (PI), H Goldstein (co-PI), *An Assessment of Appalachia's R&D and Technology Assets and Future Potential*, Appalachian Regional Commission, \$44,979, 10/2000 – 9/2001

Feser, E (PI), S Sweeney (PI), *The Clustering of U.S. Business Enterprises in the 1990s*, National Science Foundation, \$135,000, Multi-Institutional Collaborative Project, 4/2000 – M 3/2002

Feser, E (PI), *Industry Clusters and Technology Policy Development in Kentucky*, Kentucky Science and Technology Corporation, \$55,733, 4/2000 – 12/2000

Feser, E (PI), *Industry Cluster Update: North Carolina Southeast*, NC Southeast Partnership for Economic Development, \$17,349, 5/2000 – 9/2000

Feser, E (PI), *Regional Industry Cluster Update and North Carolina Innovation Index*, North Carolina Board of Science and Technology, \$18,027, 9/1999 – 5/2000

Feser, E (PI), *Regional Impact Analysis of FedEx Mid-Atlantic Hub*, Regional Technology Strategies, \$40,000, 3/1999 – 12/1999

Bergman, E (co-PI), E Feser (co-PI), *Industrial and Regional Clusters: Concepts and Comparative Applications*, Regional Research Institute, West Virginia University, \$5,000, 9/1998 – 1/1999

Goldstein, H (PI), E Feser (UNC Program Director), *Comparative Regional Policy and Development in an Era of Territorial Integration*, U.S. Department of Education, Fund for the Improvement of Postsecondary Education, \$172,800, 10/1998 – 9/2002

Feser, E (PI), *Migration and Regional Economic Distress*, U.S. Economic Development Administration, \$75,000, 10/1997 – 12/1998

Feser, E (PI), *Tryon Palace Impact Assessment and Analysis*, Tryon Palace Commission, \$10,025, 11/1997 – 11/1998

Feser, E (PI), M Luger (co-PI), H Goldstein (co-PI), *An Assessment of North Carolina's Industry and Higher Education Technology Strengths and Opportunities*, NC Board of Science and Technology and NC Alliance for Competitive Technologies, \$99,627, 2/1997 – 12/1999

Feser, E (PI), *Analysis of Industry Clusters in North Carolina Sub-Regions*, NC Alliance for Competitive Technologies, \$42,322, 5/1996 – 10/1997

Feser, E (PI), *International Research and Travel Grant*, German Marshall Fund of the United States, \$1,500, 8/1995

Bergman, E (PI), E Feser (co-PI), *Identifying Supply Chains in North Carolina*, NC Alliance for Competitive Technologies, \$34,880, 5/1995 – 2/1996

Bergman, E (PI), E Feser (Project Director), *Rural Industrial Modernization Needs Assessment*, North Carolina Rural Economic Development Center, \$60,000, 5/1994 – 5/1995

Cassidy, G (PI), E Feser (Project Director), *An Assessment of Rail Cost Benefit Techniques and Policy*, North Carolina Department of Transportation, \$10,500, 8/1993 – 4/1994

**Books, Online &
Print**

Bergman, E M, and E J Feser. 1999. *Industrial and Regional Clusters: Concepts and Comparative Applications*. On-line Web Book in Regional Science, Regional Research Institute, West Virginia University. 150 pages. www.rrri.wvu.edu/WebBook/Bergman-Feser/contents.htm

Malizia, E M, and E J Feser. 1999. *Understanding Local Economic Development*. New Brunswick, NJ: CUPR Press. 298 pages.

**Papers & Book
Chapters
(† Refereed)**

Feser, E. 2014. Planning local economic development in the emerging world order. *Town Planning Review* 81 (1): 19-38.

Boschma, R, Feser, E, Henneberry, J, Iammarino, S, Lagendijk, A, Ma, L, Massard, N, Oinas, P, Van Oort, F, Pijpers, R, Pike, A, Varga, A, and S Usai. 2014. Editorial: Sailing in the ocean of knowledge, 2008-13. *Regional Studies* 48-8: 1313-18.

Xiao, Y, and E Feser. 2014. 1993 U.S. Midwest flood: A quasi-experimental structural break point analysis. *Environmental Hazards* 13 (2): 93-113.†

Feser, E. 2013. Isserman's Impact: Quasi-experimental comparison group designs in regional research. *International Regional Science Review* 36 (1): 44-68.†

Feser, E. 2013. Entrepreneurship education in the research-intensive entrepreneurial university. Forthcoming in *Knowledge Commercialization and Valorization in Regional Economic Development*, edited by Tüzün Baycan, 110-132 (Cheltenham, UK: Edward Elgar).†

Drucker, J, and E Feser. 2012. Regional industrial structure and agglomeration economies: An Analysis of productivity in three manufacturing industries. *Regional Science and Urban Economics* 42: 1-14.†

Ke, S, E Feser. 2010. A growth pole strategy for economic growth? Analysis of spread and backwash effects in greater central China. *Regional Studies* 44 (9): 1131-47.†

Isserman, A, E Feser, and D Warren. 2009. Why some rural areas prosper and others do not. *International Regional Science Review* 32 (3): 300-42.†

Feser, E, and A Isserman. 2009. The rural role in national value chains. *Regional Studies* 43 (1): 89-109.†

Feser, E, H Renski, and J Koo. 2009. Regional cluster analysis with interindustry benchmarks. In *Targeting Regional Economic Development*, edited by S Goetz, S Deller, and T Harris, 213-38 (London: Taylor and Francis).

Feser, E. 2009. Detecting university-industry synergies: A comparison of two approaches in applied cluster analysis. *Universities, Knowledge Transfer and Regional Development: Geography, Entrepreneurship and Policy*, edited by Atilla Varga, 57-81 (Cheltenham: Edward Elgar).

Feser, E. 2009. Clusters and strategy in regional economic development. *Industry Cluster* 3: 26-38.

Feser, E, H Renski, and H Goldstein. 2008. Clusters and economic development outcomes: An assessment of the link between clustering and economic growth in Appalachia. *Economic Development Quarterly* 22 (4): 324-44.†

Feser, E J. 2002. Tracing the sources of local external economies. *Urban Studies* 39 (13): 2485-2506.†

Feser, E J, and S H Sweeney. 2002. Theory, methods, and a cross-metropolitan comparison of business clustering. In *Industrial Location Economics*, edited by P McCann, pp. 222-59 (Cheltenham: Edward Elgar).

Feser, E J, and S H Sweeney. 2002. Spatially binding linkages in manufacturing product chains. In *Global Competition and Local Networks*, edited by R B McNaughton and M B Green, pp. 111-30 (New York: Ashgate).

Feser, E J. 2001. A flexible test for agglomeration economies in two U.S. manufacturing industries. *Regional Science and Urban Economics* 31 (1): 1-19.†

Feser, E J. 2001. Agglomeration, enterprise size, and productivity. In *Theories of Endogenous Regional Growth: Lessons for Regional Policies*, edited by B Johansson, C Karlsson, and R R Stough (Berlin: Springer), pp. 231-51.†

Bergman, E M, and E J Feser. 2001. Innovation system effects on technological adoption in a regional value chain. *European Planning Studies* 9 (5): 629-48.†

Feser, E J, and E M Bergman. 2000. National industry cluster templates: A framework for applied regional cluster analysis. *Regional Studies* 34 (1): 1-20.†

Feser, E J, and S H Sweeney. 2000. A test for the co-incident economic and spatial clustering of business enterprises. *Journal of Geographical Systems* 2 (4): 349-73.†

Bergman, E M, E J Feser, and A Kaufmann. 1999. Lean production systems in regions: Conceptual and measurement requirements. *Annals of Regional Science* 33 (4): 389-423.†

Bergman, E M, and E J Feser. 1999. Industry clusters: A methodology and framework for regional development policy in the U.S. In *Boosting Innovation: The Cluster Approach*, edited by T Roelandt and P den Hertog, pp. 243-68 (Paris: Organisation for Economic Cooperation and Development).

Sweeney, S H, and E J Feser. 1998. Plant size and clustering of manufacturing activity. *Geographical Analysis* 30 (1): 45-64.†

Feser, E J. 1998. Old and new theories of industry clusters. In *Clusters and Regional Specialisation: On Geography, Technology, and Networks*, edited by M Stelner, pp. 18-40 (London: Pion, European Research in Regional Science, Volume 8).

Feser, E J. 1998. Enterprises, external economies and economic development. *Journal of Planning Literature* 12 (3): 283-302.†

Feser, E J, and G Casstidy. 1996. Rethinking state rail policy: The benefits of rail rehabilitation include more than jobs. *Policy Studies Journal* 24 (1): 57-73.†

Book Reviews

Feser, E. 2014. Review of *Clusters and Your Economy: An Illustrated Introduction* (Odense, Denmark: University of Southern Denmark), by J Cortright, L Langilde, M Russell, and B Mudron. *Economic Development Quarterly*.

Feser, E. 2009. Essay on Influential Planning Books, *Nature's Metropolis: Chicago and the Great West* (W.W. Norton, 1991), by W Cronon. *Journal of the American Planning Association* 75 (2): 262-3.

- Feser, E. 2008. Clusters and the design of innovation policy for developing economies. *The Economics of Regional Clusters: Networks, Technology and Policy*, edited by U Blien and G Maier, 191-213 (Cheltenham: Edward Elgar).
- Renski, H, J Koo, and E Feser. 2007. Differences in labor versus value chain industry clusters: An empirical investigation. *Growth and Change* 38 (3): 364-95.†
- Feser, E. 2007. Linking research and rural development policy: An introduction to the special issue. *Journal of Regional Analysis and Policy* 37 (1): 1-3.
- Feser, E. 2007. Encouraging local broadband deployment from the bottom up. *Journal of Regional Analysis and Policy* 37 (1): 69-72.†
- Feser, E. 2007. Globalization, regional economic policy and research. *Globalization and Regional Economic Modeling*, edited by R J Cooper, K P Donaghy, and G J D Hewings, 107-130 (Heidelberg: Springer).
- Feser, E, and G J D Hewings. 2007. U.S. economic fragmentation and integration: Selected empirical evidence and implications. *The Healdsburg Seminar on Megaregions*, edited by P Todorovitch, 37-58 (New York and Washington, DC: Regional Plan Association and Lincoln Institute).
- Goldstein, H, S Bollens, E Feser, and C Silver. 2006. An experiment in the internationalization of planning education: The NEURUS program. *Journal of Planning Education and Research* 25 (4): 349-63.†
- Feser, E J, and S H Sweeney. 2006. On the state of the geography in the US Bureau of Labor Statistics Covered Wages and Employment (ES-202) series. *International Regional Science Review* 29 (3): 247-63.†
- Feser, E, S Sweeney, and H Renski. 2005. A descriptive analysis of discrete U.S. industrial complexes. *Journal of Regional Science* 45 (2): 395-419.†
- Feser, E. 2005. Industry cluster concepts in innovation policy: A comparison of U.S. and Latin American experience. In *Spillovers and Innovations: Space, Environment and the Economy*, edited by G Maier and S Sedlacek, pp. 135-55 (Vienna, Austria: Springer-Verlag/Wien).
- Nelson, A C, R J Burby, E J Feser, C J Dawkins, E E Malizia, and R Quercla. 2004. Urban containment and central city revitalization. *Journal of the American Planning Association* 70 (4): 411-425.†
- Sweeney, S H, and E J Feser. 2004. Spatial externalities: Theoretical and measurement issues. In *Spatially Integrated Social Science: Examples in Best Practice*, edited by M F Goodchild and D G Janelle, pp. 239-62 (Oxford, UK: Oxford University Press).
- Feser, E J. 2003. What regions do rather than make: A proposed set of knowledge-based occupation clusters. *Urban Studies* 40 (10): 1937-1958.†
- Feser, E J, and S H Sweeney. 2003. Out-migration, depopulation and the geography of U.S. economic distress. *International Regional Science Review* 26 (1): 38-67.†
- Feser, E J, and M I Luger. 2003. Cluster analysis as a mode of inquiry: Its use in science and technology policymaking in North Carolina. *European Planning Studies* 11 (1): 11-24.†
- Goodman, R, and E Feser. 2003. The economic impacts of introducing slot machines at racetracks in Pennsylvania: A review of the Penn State Harrisburg study. *Commonwealth Policy Brief* 3 (3): 1-10.

Feser, E. 2009. Review of *Clusters and Globalisation: The Development of Urban and Regional Economies*, edited by C Pitells R Sugden, and J R Wilson (Cheltenham, UK: Edward Elgar). *Growth and Change* 40 (2): 363-6.

Feser, E. 2008. Review of *Handbook of Research on Cluster Theory*, edited by C Karlsson (Cheltenham, UK, 2008). *Review of Regional Studies* 38 (1): 116-117.

Feser, E. 2005. Review of *Dialogues in Urban and Regional Planning*, edited by B Stiftel and V Watson (London, Routledge, 2005), *Journal of Regional Science* 46 (2): 412-15.

Feser, E J. 2001. Review of *The Economics of Planning*, by E J Heikkila (Rutgers, 2000), *Journal of the American Planning Association* 67 (2): 233-4.

Dissertation

Feser, E J. 1997. *The Influence of Business Externalities and Spillovers on Manufacturing Performance*. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 239 pages.

Professional Reports, Monographs, & Discussion Papers

Feser, E, Mix, T, White, M, Poole, K, Markley, D, and E Pages. 2014. *Economic Diversity in Appalachia: Statistics, Strategies, and Guides for Action*. Washington, DC: Appalachian Regional Commission.

Feser, E, Horrigan, J, and W Lehr. 2013. *Symposium Report: Findings from the Research Roundtable on the Economic and Community Impact of Broadband*. Raleigh, NC: NC Broadband.

Feser, E. 2011. *El Paso Economic Development System Review and Recommendations*. Prepared for the City of El Paso City Manager and Planning and Economic Development Department. 35 pages.

Feser, E, and K Poole. 2011. *Public and Private Roles in State Economic Development: Trends and Implications*. Arlington, VA: Center for Regional Economic Competitiveness. Prepared for the Pew Center for the States, Washington, DC. 34 pages.

Feser, E, K Wilson, A Esterline, and J-C Thill. 2011. *North Carolina Broadband Rigor in Mapping Initiative: An Assessment of Methods*. Raleigh, NC: e-NC Authority. 82 pages.

Hewings, G J D, Feser, E, and K Poole. 2009. *Spatial/Territorial Development Policies in the United States*. Background paper prepared for the World Bank, World Development Report, *Reshaping Economic Geography*, Washington, DC. 47 pages.

Poole, K, M White, and E Feser. 2008. *Innovation and Technology in Hawaii: An Economic and Workforce Profile*. Arlington, VA: Center for Regional Economic Competitiveness. Honolulu: Hawaii Science and Technology Institute. 67 pages.

French, S, E Feser and W Peacock. 2008. *Quantitative Models of the Social and Economic Consequences of Earthquakes and other Natural Hazards*, Mid-America Earthquake Center (Champaign, IL). 51 pages.

Goldstein, H, E Feser, A Freyer, B Gordon and M Weinberg. 2008. *Regional Vision Plan Integration and Implementation Phase II Final Report*. Chapel Hill, NC: Center for Urban and Regional Studies. 155 pages.

McElroy, M, C Olmedo, E Feser and K Poole. 2006. *Upper Rio Grande Workforce Development Board Industry Cluster Analysis*. El Paso, TX: Institute for Policy and Economic Development, University of Texas at El Paso. 54 pages.

Feser, E. 2005. *North Carolinians Online: Trends from the Citizen Surveys, 1999-2004*. Raleigh, NC: e-NC Authority. 8 pages.

- Feser, E. 2004. *An Updated Set of Benchmark Value Chain Clusters for the United States, 1997*. Champaign, IL: Regional Economics Applications Laboratory. 40 pages.
- Feser, E J, and T Green. 2004. *Illinois Online: Recommendations for Universal Broadband Access*. Springfield, IL: Illinois Office of Rural Affairs. 19 pages.
- Feser, E J. 2004. *Industry Clusters in Economic Development: A Learning Resource*. A web-based learning tool prepared for The Toolbox (www.cdtoolbox.org), Cornell, NY: Community and Rural Development Institute.
- Feser, E J. 2004. *Visioning North Carolina's Southeast: An Analysis of Industry Cluster Trends and Opportunities*. Champaign, IL: Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign. Report prepared for North Carolina's Southeast, Elizabethtown, NC. 104 pages.
- Feser, E J. 2004. *Urban-Rural Industrial Location Shifts in the 1990s*. Champaign, IL: Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign. Report prepared for the North Carolina Rural Economic Development Center, Raleigh, NC. 62 pages.
- Cohen, R, and E Feser 2003. *Grid Computing: Projected Impact on North Carolina's Economy and Broadband Use through 2010*. Raleigh, NC: North Carolina Rural Internet Access Authority. 41 pages.
- Feser, E J. 2002. *The Relevance of Clusters for Innovation Policy in Latin America and the Caribbean*. Chapel Hill, NC: Department of City and Regional Planning, UNC-Chapel Hill. Prepared for the World Bank, Latin American and Caribbean Group, Washington, DC. 65 pages.
- Feser, E J, H A Goldstein, H Renski, and C Renault. 2002. *Regional Technology Assets and Opportunities: The Geographic Clustering of High-Tech Industry, Science and Innovation in Appalachia*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the Appalachian Regional Commission, Washington, DC. 130 pages.
- Feser, E J, and J Koo. 2001. *Kentucky Clusters: Industrial Interdependence and Economic Competitiveness*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the Kentucky Science and Technology Corporation, Lexington, KY. 95 pages.
- Feser, E J. 2001. *Strategic Road Map: Prospects and Guides for Building a Geomatics Industry Cluster in Mississippi*. Chapel Hill, NC: Department of City and Regional Planning, UNC-Chapel Hill. Prepared for Mississippi Enterprise for Technology, Stennis Space Center, MS. 44 pages.
- Feser, E J, and J Koo. 2000. *Targeting Opportunities: Industry Clusters in North Carolina's Southeast*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for North Carolina's Southeast, Southeast NC Economic Development Partnership Region, Elizabethtown, NC. 45 pages.
- Feser, E J, H Renski, and A Cain. 2000. *Tracking Innovation: North Carolina Innovation Index 2000*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the North Carolina Board of Science and Technology, Raleigh, NC. 76 pages.
- Feser, E J, and H Renski. 2000. *High-Tech Clusters in North Carolina*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the North Carolina Board of Science and Technology, Raleigh, NC. 40 pages.
- Feser, E J. 1999. *Regional Growth and Industry Clusters in the Scranton-Wilkes-Barre-Hazleton Metropolitan Area*. Chapel Hill, NC: Department of City and Regional Planning, UNC-Chapel Hill. Prepared for Battelle Memorial Institute, Columbus, Ohio. 50 pages.

Bosworth, B, E J Feser, T Williams, and H. Renski. 1999. *Federal Express in the Piedmont Triad: Economic Impacts and Opportunities*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the Z. Smith Reynolds and Joseph M. Bryan Foundations. Regional Technology Strategies, Chapel Hill, NC. 92 pages.

Feser, E J, and S H Sweeney. 1998. *Out-migration, Population Loss, and Regional Economic Distress*. Washington, DC: U.S. Economic Development Administration. 80 pages.

Feser, E J and H Renski. 1998. *The Impact of Tryon Palace on Historic Preservation, Education, and the Economy*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the Tryon Palace Commission, New Bern, NC. 35 pages.

Goodman, R, and E J Feser. 1998. *Understanding the Economic Impact of Casinos in Missouri*. October. Northampton, MA: U.S. Gambling Research Institute. Report prepared for the Missouri Council on Economic Integrity. 25 pages.

Feser, E J, H A Goldstein, and M I Luger. 1998. *At the Crossroads: North Carolina's Place in the Knowledge Economy of the 21st Century*. Chapel Hill, NC: Center for Urban and Regional Studies. Prepared for the North Carolina Alliance for Competitive Technologies and North Carolina Board of Science and Technology, Raleigh, NC. 125 pages.

Becker, K, and E J Feser. 1997. *Applying Cluster Analysis to North Carolina's Regions. 1996-7*. Studies of each of seven Economic Development Partnership regions. Chapel Hill, NC: Institute for Economic Development, UNC-Chapel Hill. Prepared for the North Carolina Alliance for Competitive Technologies, Research Triangle Park, NC. Approximately 400 pages in total.

Feser, E J. 1997. *Profiling North Carolina Industry*. Chapel Hill, NC: Institute for Economic Development. Prepared for the North Carolina Alliance for Competitive Technologies, Research Triangle Park, NC. 105 pages.

Bergman, E M, E J Feser, and S H Sweeney. 1996. *Targeting North Carolina Manufacturing: Understanding the State's Economy through Industrial Cluster Analysis*. Chapel Hill, NC: Institute for Economic Development. Prepared for the North Carolina Alliance for Competitive Technologies, Research Triangle Park, NC. Two volumes, approximately 1,100 pages in total.

Bergman, E M, E J Feser, and J Scharer. 1995. *Modern Production Practices and Needs: North Carolina's Transportation Equipment Manufacturers*. Chapel Hill, NC: Institute for Economic Development. Prepared for the North Carolina Rural Economic Development Center, Raleigh, NC. 60 pages.

Feser, E J, and E M Malizia. 1995. *The Proper Niche of Modern Portfolio Theory in Regional Analysis*. Chapel Hill, NC: Center for Urban and Regional Studies.

Cassidy, G, and E J Feser. 1993. *The Benefits of Public Assistance for Short Line Rail Rehabilitation*. Chapel Hill, NC: Department of Urban and Regional Planning, UNC-Chapel Hill. Prepared for the North Carolina Department of Transportation, Raleigh, NC. 80 pages.

Invited Research Presentations & Seminars

Four lessons from U.S. regional development policy and practice. Invited lecture, Symposium on Reassessing economic development policies for regions and cities: growth and equity; institutions and governance; people and places, London School of Economics, London, UK, 21 April 2016.

Clusters, strategy and policy. Lecture for symposium on Thinking about Industrial Policies: Evidence and their Operational Implications, Trade and Competitiveness Global Practice Group, World Bank, Washington, DC, USA, 4 December 2015.

Economic development policy and practice in the United States: A retrospective and prospective view, 3rd Isserman Lecture, 62nd Annual North American Meetings of the Regional Science Association International, Portland, OR, USA, 13 November 2015.

Scholarship, professional practice, and transboundary economic development. Keynote Address, Inaugural of the Hunt Institute for Global Competitiveness, University of Texas El Paso, El Paso, USA, 29 April 2014.

Ideas on a new logic in economic development. Danang University of Economics Conference on Vietnam's Growth Model in the Period of Industrialization, Modernization, and International Investment, Danang, Vietnam, 3 March 2014.

State economic development reform: Technocratic fix, political ideology, or a new governance paradigm? International Conference of the Regional Studies Association, Los Angeles, USA, 16 December 2013.

Planning for regions' economic development in an emerging new world order, 13th Abercrombie Lecture, University of Liverpool, Liverpool, UK, 3 December 2012.

Innovation in regional innovation policy making. Plenary address, 41st Annual Conference, British & Irish Section, Regional Science Association International, Galway, Ireland, 30 August 2012.

In search of smart specialisation, policy experimentation, and institutional innovation: The operational challenge of creating distinctive regional innovation strategies, Keynote lecture, Uddevalla Symposium 2012, Faro, Portugal, 16 June 2012.

Steve Jobs' world: Economic development in the 'New Normal', Public lecture marking the opening of the Eddle Davies Lecture Theatre at Manchester Business School, Manchester, UK, 26 April 2012.

Understanding the evolution of regional clusters: Enterprise births and the generative role of value chains, Institute of Regional and Environmental Economy, Vienna University of Economics and Business Administration, Vienna, Austria, 6 March 2012.

Spillovers, spread, and backwash: Modeling regional growth in the context of spatial structure heterogeneity. Invited lecture, School of Public Policy, George Mason University, Arlington, USA, 15 April 2010.

Beyond the usual business location incentives debate: Impact analysis and institutional learning in economic development agencies, Invited seminar, Department of City and Regional Planning, Cornell University, Ithaca, USA, 14 October 2009.

Knowledge-intensive activity in U.S. metro areas: An occupation-based analysis of 1990-2000 trends. Regional Research Institute Seminar, West Virginia University, Morgantown, USA, 11 October 2007.

Industry clusters: A backwards perspective. 11th Annual Conference of the State Science & Technology Institute, Baltimore, USA, 19 October 2007.

U.S. economic fragmentation and integration: Selected empirical evidence and implications, with G J D Hewings, Healdsburg Research Seminar on Megaregions, Lincoln Institute of Land Policy and Regional Plan Association, Healdsburg, CA, USA, 5 April 2007.

Clusters and economic development outcomes: Assessing the link between clustering and economic growth, Workshop on Innovation, Clusters and Regional Development: Lessons for Cluster-Based Policy in Korea, Korea University, Seoul, 5 February 2007.

Clusters and the design of innovation policy for developing economies, Keynote address, Fifth International Conference on Industrial Clustering and Regional Development, Peking University, Beijing, China, 15 July 2006.

Urban-rural spillovers and local economic growth, Quantitative Methods in the Social Sciences Seminar, University of California at Santa Barbara, Santa Barbara, CA, 11 May 2006. Invited seminars also given at the University of Illinois Institute for Government and Public Affairs in Chicago (30 January 2006) and Urbana-Champaign (3 February 2006).

Regional clusters: Theoretical concepts, analytical methods and policy applications, series of five lectures, International Seminar in Economic Geography, University of Hannover, Hannover, Germany, 9-13 January 2006.

Appalachian technology clusters and economic development outcomes: An assessment of cluster growth and change, Workshop on Universities and Regional Development: Success Factors and Potential Dangers of Failure, Center for Research in Economic Policy, Faculty of Business and Economics, University of Pécs, Pécs, Hungary, 21 October 2005.

Modeling small area regional growth spillovers, Regional Development Research: A Fulbright Seminar in Vienna, Vienna University of Economics and Business Administration, Vienna, Austria, 12 July 2005.

Industry clusters and development policy options, RegioClub, University of Economics, Bratislava, Slovakia, 24 May 2005.

Toward innovative economic development planning in the U.S.: Universities as strategic planning partners, 2005 Planning Research Conference, Manchester, England, 7 April 2005.

State and local responses to globalization and the shifting geography of production, Fulbright Seminar in Regional Development, University of North Carolina, Chapel Hill, NC, 9 June 2004.

Clusters and regional innovation policy: A comparison of the developed and developing country contexts, Seminar on Spillovers and Innovations: City, Environment and the Economy, "Vereln für Umwelt und Wirtschaft, Wirtschaftsuniversität Wien, Flackl-Wirt, Reichenau/Rax, Austria, 1 June 2002.

Spatial and functional industry clusters in analytic and policy research, Subnational Regional Economics Thematic Group, World Bank, Washington, DC, 8 August 2000.

Regional and enterprise size in regional development theory, Uddevalla Workshop on Theories of Regional Development-Lessons for Policies of Regional Economic Renewal and Growth, Uddevalla, Sweden, 15 June 1998.

Economic and regional clustering, or both? OECD Workshop on Cluster-Analysis and Cluster-Based Policies, Amsterdam, Netherlands, 11 October 1997.

Designing 'appropriate' industrial policy: Industrial interdependence and geographic development strategies, keynote address, International Symposium on Industrial Park Development and Management, National Taiwan University, Taipei, Taiwan, 15 April 1997.

Editorships

Overseeing Editor, *Regional Studies*, 2009-2013

Editorial Boards

Papers in Regional Science, 2016-
Region, 2014-present

International Regional Science Review, 2009-present

Growth and Change, 2007-present

Applied Research in Economic Development, 2007-2011

Letters in Spatial and Resource Science, 2007-2009

Journal of the American Planning Association, 2006-2013
Review of Regional Studies, 2004-2012
Economic Development Quarterly, 2000-2005

**Other Academic
Activities**

Member, Committee on the Academy, Association of Collegiate Schools of Planning, 2015-17
Member, Executive Committee, Alliance for the Arts in Research Universities (a2ru), 2014-
NARSC Representative, RSAmericas Council, 2008-2013
Guest Editor, *Journal of Regional Analysis and Policy*, Volume 37 (1), 2007, Special Issue on
Rural Policy
Benjamin Stevens Fellowship Award Committee, North American Regional Science Council,
2007-2009
Invited panelist, first annual Review Roundtable of the *Journal of the American Planning
Association*, 45th Annual Conference of the Association of Collegiate Schools of Planning,
Portland, Oregon, 22 October 2004. Published as Lang, R., et al., Review roundtable
discussion, *Journal of the American Planning Association* 71 (2): 206-18 (2005).
Executive Council, Southern Regional Science Association, 1999-2004
Roster of Fulbright Senior Specialists, 2004-present
McNair Scholar Program Advisor, University of Illinois at Urbana-Champaign, 2004
Reader, Southern Regional Science Student Paper Competition, 2004
Manuscript referee: *Annals of Regional Science*, *Contemporary Economic Policy*, *Earthquake
Spectra*, *Economic Development Quarterly*, *Economic Systems Research*, *Environmental
Management*, *European Planning Studies*, *Growth and Change*, *International Regional
Science Review*, *Journal of the American Planning Association*, *Journal of Agricultural and
Resource Economics*, *Journal of Comparative Policy Analysis*, *Journal of Geographical
Systems*, *Journal of Management Studies*, *Journal of Official Statistics*, *Journal of Planning
Literature*, *Journal of Regional Analysis and Policy* *Journal of Regional Science*, *Natural
Hazards Review*, *Regional Science and Urban Economics*, *Regional Studies*, *Review of
Regional Studies*, *Urban Studies*, *Geoforum*.

**Selected Major
University, College
& Department
Service**

Chair, College of Law Dean Search Committee, 2015
Campus Steering Committee Project Team: Academic Unit Reviews, 2010
Connected Campus Committee, 2009
Campus Research Board, 2006-2007
Co-convenor, Spatial Policy Analysis Research Consortium (SPARC), 2007-2008
Educational Technologies Board, 2005-2006
Promotion & Tenure Review Committee, College of Fine & Applied Arts, 2004-2007
College of Fine & Applied Arts Dean Search Committee, 2006
Urban & Regional Planning Head Search Committee, 2006
Chair, Computing Committee, Dept of Urban & Regional Planning, 2006-2007
Executive Advisory Committee, Dept of Urban & Regional Planning, 2004-2007
NEURUS UIUC Program Director, 2006-present (co-director 2004-2006)

**External Advisory
Boards, Councils &
Other Activities**

Member, Urbana-Champaign Community Economic Response Committee, Champaign County
Regional Planning Commission, 2009-2011
Member, Urban Growth and Farmland Resource Committee, Champaign County Big-Small-All
Project, 2007-2009
Appointed, Governor's Broadband Deployment Council (Illinois), 2005-2008
Guest Interview, Community Conversations, Urbana Public Television, 3 May 2006
Ad hoc Committee on Incentives, North Carolina Rural Internet Access Authority; Co-Chair, Sub-
committee on Supply Side Incentives, 2001-2002
Advisory Board, Program on Smart Growth and the New Economy, Center for Urban and
Regional Studies, UNC-Chapel Hill, 2000-2001
Advisory Committee, Development Report Card for States, Corporation for Enterprise
Development, Washington, DC and Durham, NC, 1999
Co-Delegate, Organisation for Economic Cooperation and Development (OECD) Focus Group
on Industry Cluster Policy, 1997-99
Best in Class (Technology Commercialization) Working Group, Small Business Technology
Development Council, Raleigh, NC, 1997

**Selected
Presentations to
Public or Policy
Audiences**

- Value chain analysis for regional economic development, invited presentation, Council for Community Economic Research (C2ER) and Labor Market Information (LMI) Institute Forum, Portland, OR, 10 June 2015.
- Organizing for regional collaboration in economic and community development, invited plenary address, Annual Meeting of the Community Development Society, Charleston, SC, 23 July 2013.
- Universities as innovation catalysts: The role of organizational intermediaries, invited plenary address, and Leveraging the role of dealmakers and interregional entrepreneurship networks, invited parallel session presentation, 9th Annual Conference of the Technopolity Network, Genk, Belgium, 18 September 2012.
- Strategy and regional economic development, invited presentation, El Paso City Council, special study session, El Paso, TX, 15 August 2011.
- Industry clusters: an economic development strategy, Strategic planning for economic development, and Cluster analysis I & II, invited lectures, Industrial Cluster and Regional Economic Growth Program, China Executive Leadership Program, University of Illinois, Champaign, 13 & 19 April, 4 May 2011.
- The non-metropolitan Midwest and the geography of U.S. value chains, invited presentation, The Intersection of Midwest Agriculture and Rural Development, Federal Reserve Bank of Chicago, Chicago, IL, 9 November 2010.
- Current thinking on industrial clusters: A new perspective, and Identifying competitive advantage with linkage analysis, invited presentations, Abu Dhabi Department of Economic Development, Abu Dhabi, UAE, 28 September 2010.
- Industry targeting as an element in state economic development strategies, invited presentation for the Targeting Task Force, North Carolina Economic Development Board, via teleconference, 16 September 2010.
- Responding to the recession: Economic development climate and local policy options, invited presentation to annual conference of the Illinois Government Finance Officers Association, Champaign, IL, 13 September 2010.
- Planning ahead for economic development, invited presentation to a Joint Study Session (Economic Development and Sustainability) of the Urbana City Council, the Urbana Plan Commission, and the Urbana Sustainability Advisory Commission, Urbana, IL, 9 June 2010.
- Data-driven workforce and economic development planning, one day workshop, 22 February 2010, and Using cluster analysis techniques to analyze your local economy, one day workshop, 25 February 2010, Labor Market Information Training Institute, Sacramento, CA.
- Responding to the recession: Economic development climate and local policy options, Downstate Illinois Economic Workshop, Alice Campbell Alumni Center, Urbana, IL, 21 January 2010.
- Planning for prosperity in the "New Normal" economy: Understanding and responding to changes in private finance, sectoral restructuring, and the role of human capital, American Planning Association Planners Training Service, two day training session (with Ron Coan), San Francisco, CA, 5-6 November 2009.
- Analyzing and using industry clusters in economic development, one day workshop, Council for Community Economic Research Training Institute, Chicago, IL, 19 August 2009.
- Analytical data for economic development strategic planning, Rural Community Development Branch Staff Training session, sponsored by the Ontario Ministry of Agriculture, Food and Rural Affairs, University of Waterloo, Waterloo, Canada, 17 June 2009.
- Identifying competitive advantage with linkage analysis, Advanced Workshop for Economic Development Professionals, sponsored by the Economic Developers Council of Ontario, the Ontario Ministry of Economic Development, and the Ontario Ministry of Agriculture, Food and Rural Affairs, University of Waterloo, Waterloo, Canada, 16 June 2009.
- Positioning your community for economic recovery and prosperity, American Planning Association Planners Training Service, two day training session (with Ron Coan), Chicago, IL 6-7 June 2009.
- The Impact of the recession on the Midwest, Illinois, and Coles County, invited address, annual meeting of Coles County Tomorrow, Mattoon, Illinois, 1 May 2009.

Building New Foundations: Making the Case for a Data-driven Approach to Regional Economic Development," invited seminar, with Mark White, Economic Development Council of Ontario, Toronto, Ontario, 3 February 2009.

Invited speaker and panelist, Economic Development Incentives Symposium, Center for Competitive Economies, Kenan-Flagler School of Business, University of North Carolina, Chapel Hill, NC, 5 December 2008.

Using Clusters in Economic Development: An (Unofficial) Update on the Statewide Cluster Analysis Component of the NC Vision Plan Project, North Carolina Department of Commerce, Raleigh, NC, 23 June 2008.

Approaching industry cluster analysis: Three virtues, invited presentation, 48th Annual Conference of the Council for Community and Economic Research, Atlanta, GA, 15 May 2008.

Building new foundations: Formulating data-driven regional development strategies (with Mark White), 4 hour workshop, Chicago Region Annual Conference, U.S. Economic Development Administration, Cleveland, OH, 14 May 2008.

Regional approaches to understanding the knowledge economy, invited presentation, "The Many Faces of Regionalism: From the Mega to the Micro," organized by the Purdue Center for Regional Development, Indianapolis, IN, 17 April 2008.

Building new foundations for data-driven regional economic strategy: Integrating workforce and economic development planning (with Ken Poole, Scott Cheney, Mark White and Tom Tveidt), a two-day workshop, Forum 2008, National Association of Workforce Boards, Washington, DC, 22-23 February 2008.

Understanding the technology and innovation economy: Setting a research agenda for Hawaii (with Ken Poole and Mark White), Hawaii Science and Technology Council, Honolulu, HI, 14 February 2008.

Regional industry clusters in economic development: Concepts, policy applications and analysis tools, two day professional workshop, Council for Community and Economic Research, Urbana, IL, 11-12 April 2007.

Clusters and regional economic competitiveness, Eighth Annual Planning Institute, University of Illinois at Urbana-Champaign, Urbana, IL, 2 March 2007.

Why cross-border initiatives matter: Three stories of interregional interdependence, invited keynote address, Conference on Creating Wealth: Regional Development through Cross-Border Collaboration, Asheville, NC, 28 September 2006.

Regional industry cluster analysis using spatial concepts, one day professional workshop, ACCRA 46th Annual Conference, Charlotte, NC, 7 June 2006.

Why local officials should care about information technology, invited plenary presentation, 17th Annual Rural Community Economic Development Conference, Peoria, IL, 8 March 2006.

The state role in broadband deployment and bridging the digital divide, invited address, 6th Annual Telecommunications Conference, Springfield, IL, 17 November 2005. Techniques of industry cluster analysis, one day professional workshop, ACCRA Research Training Conference, Dallas, TX, 22 September 2005.

An analysis of county spatial growth diffusion, U.S. Department of Agriculture, Washington, DC, 11 April 2005.

Broadband and economic development, invited address, Sixth Annual Illinois Planning Institute, University of Illinois at Urbana-Champaign, Champaign, IL, 4 March 2005.

The University's role in the economic development delivery, invited address to the University of North Carolina Board of Governors Committee on Economic Development and the University, Chapel Hill, NC, 17 November 2004.

How to achieve widespread broadband access for the information age, invited keynote address, 5th Annual Illinois Telecommunications Conference: Building a Brighter Future, Creating Connected Communities, Springfield, IL, 10 November 2004.

Broadband challenges in Illinois, invited address to a meeting of 40 broadband providers hosted by Lt. Governor Pat Quinn, Chicago, IL, 4 November 2004.

Invited panelist, Roundtable on the Future of Broadband in Illinois, 2nd Annual Partners in Planning Conference, Illinois Association of County Board Members and Commissioners, Peoria, IL, 28 October 2004.

Policy options for Illinois rural broadband deployment, invited address to the Illinois Broadband Task Force, Argonne National Laboratory, IL, 6 October 2004.

Quantitative techniques in cluster analysis, 1.5 day professional workshop, ACCRA Annual Research Training Conference, Arlington, VA, 16-17 September 2004.

What I learned on my 'summer vacation': What the University of North Carolina should know about the North Carolina Department of Commerce, invited address to Economic Development Leadership Summit, Chapel Hill, NC, 9 December 2003.

The significance of grid computing, web services, and other broadband technologies for North Carolina's economic development, invited address, North Carolina Grid Computing Conference, Chapel Hill, NC, 28 October 2003.

Quantitative techniques in cluster analysis, 1.5 day professional workshop, ACCRA Annual Research Training Conference, Dallas, TX, 25-26 September 2003.

Where we've been, where we are, and where we're going: North Carolina's economy and the 'job-loss' recovery, invited address, North Carolina Association of County Commissioners, Greensboro, NC, 14 August 2003; and the North Carolina Economic Development Board, Asheville, NC, 21 August 2003.

Advanced manufacturing: Implications the development of rural North Carolina, invited address, North Carolina Economic Developers Association, Atlantic Beach, NC, 10 June 2003.

An advanced manufacturing strategy for North Carolina, presentation to the North Carolina Economic Development Board, Greensboro, NC, 21 May 2003.

North Carolina's taxes and incentives relative to its competitor states, invited presentation, Economic Development Committee Economic Forum, North Carolina House of Representatives, Raleigh, NC, 20 May 2003.

On disequilibrating forces in the New Economy, invited address, North Carolina Board of Science and Technology, Raleigh, NC, 31 January 2003.

Relating clusters to workforce development, invited presentation, Davidson County Workforce Development Board, Lexington, NC, 31 October 2002.

Rural industry targeting study: Preliminary findings, North Carolina Rural Research Network Symposium, Raleigh, NC, 30 October 2002.

North Carolina's economy in perspective, invited address, 3rd Annual Northwest Leadership Summit: Rebuilding Northwestern North Carolina, Broyhill Inn and Conference Center, Boone, NC, 24 October 2002.

Clusters, targeting and workforce development in the Triad, invited keynote address, Forum on Workforce Preparedness, Piedmont Triad Partnership Foundation, Greensboro, NC, 4 October 2002.

Introduction to cluster analysis, and Quantitative cluster analysis methods, 1.5 day professional workshop, ACCRA Annual Research Training Conference, Arlington, VA, 16-17 September 2002.

Study findings: Technology clusters in Appalachia, invited presentation, forum on Appalachia's Technology Assets and Opportunities, hosted by the Appalachian Regional Commission and West Virginia University, Morgantown, WV, 22 August 2002.

North Carolina's prospects for adjustment to globalization. invited address, Forum on Globalization and the Restructuring of North Carolina Industry: Problems and Opportunities, co-organized by the European Union Center of North Carolina, NC State University, the Northwest Chapter of the NC World Trade Organization, NC Department of Commerce, AdvantageWest, and Appalachian State University; Hickory, NC, 23 May 2002.

Utilizing industry clusters in development policy, invited presentation, North Carolina Economic Development Board, Community Readiness and Urban Development Committee, Raleigh, NC, 25 April 2001.

Utilizing industry clusters in development policy, invited presentation, North Carolina Department of Commerce, Raleigh, NC, 26 March 2002.

The innovation policy puzzle: Building and sustaining technology regions, invited plenary speaker, Province of Overijssel RIS+ Innovation Conference, Zwolle, The Netherlands, 15 November 2001.

Using Geo-coded ES-202 data for policy-related research, invited plenary speaker, 2001 National Bureau of Labor Statistics/Labor Market Information Conference, Asheville, NC, 23 May 2001.

Findings from the Kentucky Industry Cluster study, Kentucky Chamber of Commerce Board of Directors, Bowling Green, KY, 10 May 2001.

Geomatics in Mississippi, presentation to the Institute for Technology Development and Mississippi Technology Alliance, Stennis Space Center, MS, 7 May 2001.

Findings from North Carolina's first technology index study, North Carolina Board of Science and Technology, Banner Elk, NC, 27 October 2000.

Introduction to Industry Cluster Analysis, invited presentation, Research Methods for Economic Development Practitioners, sponsored by ACCRA Center for Applied Community Research and the National Association of State Development Agencies, Arlington, VA, 21 September 2000.

The new economy: Implications for urban space, invited presentation, NC APA Summer Planning Institute, Chapel Hill, NC, 5 August 2000.

Technology and Innovation in North Carolina: Anticipating trends, invited address, Vision 2030: Mapping the Vision, conference sponsored by the NC Board of Science and Technology, North Carolina Museum of History, Raleigh, NC, 13 June 2000.

Industry clusters and workforce development planning, invited presentation, Global Transpark Community College Presidents' Consortium, Kinston, NC, 31 May 2000.

Toward the new economy: High tech trends, industry clusters, and innovation infrastructure, Vision 2030 Regional Conferences, sponsored by the North Carolina Board of Science and Technology, Asheville (December 10), Winston-Salem (February 7), Elizabeth City (February 15), Wilmington (February 16), 2000.

Prospects for a proposed Chongqing Science Park, Chongqing Planning Commission, Chongqing, China, 21 December 2000.

Invited plenary speaker and panelist, Policy Forum: Innovations in State Science and Technology Practices, University of Akron, Akron, OH, 13 October 1999.

Industry cluster analysis: Seeing regional economies whole, invited presentation to the third annual conference of the State Science and Technology Institute, Indianapolis, IN, 6 October 1999.

Implications of out-migration and depopulation for local development planning, U.S. Economic Development Administration Denver Regional Office Annual Conference, Breckenridge, CO, 7 July 1999.

Initial impressions and opportunities for change, invited presentation on prospects for economic development in Ciudad Juárez to 150 business and political leaders, Ciudad Juárez, Mexico, 18 May 1999.

Introduction to industry cluster analysis, invited presentation to National Association of State Development Agencies Workshop on Clusters, San Antonio, TX, 14 May 1999. Conducting an industry cluster analysis...and some principles for commissioning good cluster analyses, invited presentation, Second Annual Conference of the State Science and Technology Institute, Columbus, OH, 24 September 1998.

At the crossroads: Summary of findings, presentation to North Carolina Alliance for Competitive Technologies, Raleigh, NC, 14 October 1998.

Migration, population loss, and regional economic distress: Study findings, U.S. Economic Development Administration Denver Regional Office Annual Conference, Vail, CO, 10 July 1998.

Research and Development Investment in North Carolina, invited presentation of state R&D trends and needs to conference of the Governor, state legislators, state administrators, and education leaders organized by the N.C. Board of Science and Technology, Raleigh, NC, 22 April 1998.

Migration, population loss, and regional economic distress: Study findings, U.S. Economic Development Administration Chicago Regional Office Annual Conference, Chicago, IL, 12 March 1998.

Using the strategic cluster framework for local and regional economic development, professional workshop, Third Annual North Carolina Economic Development Course, Chapel Hill, NC, 10 September 1997.

Using cluster analysis in economic development practice, invited presentation to the Board of North Carolina Southeast (Southeast Development Partnership), 24 June 1996.

Using industry clusters to identify specializations, strengths, and weaknesses in state economies, invited presentation to the North Carolina Department of Commerce, Raleigh, North Carolina, 5 March 1996.

Technology use in North Carolina's transportation equipment industry cluster, invited presentation to the Task Force on Structure, Organization, and Financing of the North Carolina Alliance for Competitive Technologies, Research Triangle Park, NC, 12 April 1995.

**Doctoral
Students
Supervised**

Henry Renski, *An Investigation of the Industrial Ecology of Business Startup and Survival* (2006, UNC-Chapel Hill). Dissertation honors: National Science Foundation Dissertation Grant and Kauffman Foundation Fellowship. Associate Professor, University of Massachusetts at Amherst, 2014-present. Primary supervisor.

Marcela González Rivas (2007, UNC-Chapel Hill). *The Implications of Trade Openness for Regional Inequality in Mexico*. Visiting Assistant Professor, Cornell University, July 2008-May 2012. Assistant Professor, University of Pittsburgh, August 2012-. Secondary supervisor.

Joshua Drucker (2008, UNC-Chapel Hill). *The Influence of Regional Dominance on Industrial Success: A Productivity-Based Analysis*. Dissertation honors: North American Regional Science Council Benjamin Stevens Fellowship and Kauffman Foundation Fellowship. Assistant Professor, University of Illinois at Chicago, August 2008-present. Primary supervisor.

Yu Xiao (2009, University of Illinois at Urbana-Champaign). *Local Labor Market Adjustment and Economic Impacts After a Major Disaster: Evidence from the 1993 Midwest Flood*. Assistant Professor, Texas A&M University, August 2008-present. Primary supervisor.

Timothy Green (2014, University of Illinois at Urbana-Champaign). *Cluster Planning and Cluster Strategy in Regional Economic Development Organizations*. Assistant Professor, Clemson University, August 2012-present. Primary supervisor.

Nguyen Thi My Huong (2015, University of Manchester). *Corporate Entrepreneurship, Ownership and Governance in Post-privatisation Vietnam*. Secondary supervisor.

Troy Mix (Spring 2010-present, University of Illinois). Primary supervisor.

**Service on
Doctoral
Committees**

Carlos Figueroa (Urban Planning, Illinois)
Luis Escobedo (Urban Planning, Illinois)
Esteban Lopez (Urban Planning, Illinois)
Dentz Ay (Urban Planning, Illinois)
Chenxi Yu (Urban Planning, Illinois)
Minshu Du (Urban Planning, Illinois)
Jose D. De Leon (2015, Geography, Illinois)
Andi Irawan (2014, Urban Planning, Illinois)
Aguinaldo Maciente (2013, Agricultural and Consumer Economics, Illinois)
Mallory Rahe (2013, Urban Planning, Illinois)
Jordi Honey-Roses (2012, Urban Planning, Illinois)
Dusan Paredes (2011, Agricultural and Consumer Economics, Illinois)
Laura Atuesta (2011, Agricultural and Consumer Economics, Illinois)
Norihiko Yamano (2011, Urban Planning, Illinois)
Jun Wan (2011, Urban Planning, Illinois)
Jae Hong Kim (2010, Urban Planning, Illinois)
Johanna Robles (2010, Urban Planning, Illinois)
Sarah Low (2009, Agricultural and Consumer Economics, Illinois)
Soo Jung Ha (2008, Urban Planning, Illinois)
Julia Koschinsky (2008, Urban Planning, Illinois)
Xia Feng (2008, Agricultural and Consumer Economics, Illinois)

Drake Warren (2008, Agricultural and Consumer Economics, Illinois)
 Eduardo Cadu Silva (2007, Urban Planning, Illinois)
 Fernando Vial (2005, Urban Planning, Illinois)
 Dong Guo (2005, Urban Planning, Illinois)
 Jaime Bonet (2004, Urban Planning, Illinois)
 Catherine Renault (Public Policy, 2003, UNC-CH)
 Jun Koo (2003, City and Regional Planning, UNC-CH)
 Johannes Traxler (2002, City and Regional Planning, UNC-CH)
 Brian Kropp (2001, Public Policy, UNC-CH)
 Robin Howarth (2000, City and Regional Planning, UNC-CH)
 Stuart Sweeney (1999, City and Regional Planning, UNC-CH)

**Masters
 Theses/Projects
 Supervised (Primary
 unless indicated)**

Amir-Ghassemi, Azad, MUP 2015, MS (Agricultural and Applied Economics), *Regional Employment Change: Task change, Occupations and Industries*
 Yu, Chenxi, MUP 2011, *Does the Business Cycle Matter for Convergence Testing* (secondary supervisor)
 Bujarski, Luke, MUP 2008, *A Case for Aerospace in Central Indiana: Discovering the Prospects for Future Growth in the Aero Engines and Parts Industry*
 Schmidt, Brett, MUP 2008, *Economic Development in the U.S. Military's New Counterinsurgency Doctrine*
 Hultine, Sarah, MUP 2007, *Beyond the Farmers' Market: Planning for Local Food Systems in Illinois, A Guide for Community Leaders*
 Allen, Nate, MUP 2007, *Analysis of Miami-Dade County's Adoption of a Strong Mayor Form of Government*
 Cornille, Thomas, MUP 2007, *Costs and Control in a Half-Century of Commuter Rail Policy*
 Crowe, Greg, MUP 2005, *Retail Market Profile: City of Decatur, IL*
 Rust, Adam, MRP 2003, *The Geography of Unemployment, Income and Mortality in the U.S.*
 Yoo, Ki-Young, MRP 2003, *Methods for Identifying Industry Clusters: Assessment of the State of the Art*
 Wenter, Bryan, MRP 2002, *The Use of Eminent Domain to Promote Economic Development: Sports Stadiums, Public Use, and the Need for Heightened Judicial Scrutiny*
 Binder, Ruth Ann, MRP 2002, *Creating Successful Social Purpose Enterprises*
 Cain, Aaron, MRP 2001, *Retail Development Options for Downtown Hillsborough*
 Billings, Stephen, MRP 2001, *GIS and "Smarter" Residential Development: A Development Tool and Analysis for Southeast Raleigh and Wake County*
 Chesnut, Karen, MRP 2001, *The Impact of Economic Disintegration in Eastern Europe on Firms and Trade Patterns*
 Drucker, Joshua, MRP 2000, *American and Australian Urban Forms: A Comparison of Structure, Determinants, and Consequences*
 Parrish, Leslie, MRP 2000, *Downtown Revitalization through Artist Niches: A Feasibility Guide*
 Byfield, Brian, MRP 2000, *Financing Conservation from Overseas: An International Lesson from Jamaica*
 Hinkley, Sarah, MRP 1999, *Boundaries: The Politics of Regional Cooperation*
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Consulting (Clients)

- SRI International (Arlington, VA)
- The World Bank (Washington, DC)
- Wisconsin Economic Development Corporation (Madison, WI)
- City of El Paso (El Paso, TX)
- Pew Center for the States (Washington, DC)
- e-NC (Raleigh, NC)
- Maxwell Stamp, Ltd. (London, UK)
- Louisiana Board of Regents (Baton Rouge, LA)
- Hawaii Science and Technology Council (Honolulu, HI)
- Ontario Ministry of Agriculture and Rural Affairs (Guelph, Ontario)
- Economic Developers Council of Ontario (Cornwall, Ontario)
- City of Las Vegas (Las Vegas, NV)
- Institute for Policy and Economic Development, UTEP (El Paso, TX)
- Council for Community Economic Research (Arlington, VA)
- Mississippi Enterprise for Technology (John C. Stennis Space Center, MS)
- University of North Carolina at Wilmington (Wilmington, NC)
- Davidson County Workforce Development Board (Lexington, NC)
- North Carolina Department of Commerce (Raleigh, NC)
- North Carolina Rural Internet Access Authority (Raleigh, NC)
- ACCRA (Washington, DC)
- Grey2K USA (Somerville, MA)
- New York Life Insurance Company (New York, NY)
- Gloucester County Economic Development Authority (Hampton Roads, Virginia)
- North Carolina's Southeast (Elizabethtown, NC)
- Battelle Memorial Institute (Cleveland, OH)
- Regional Technology Strategies, Inc. (Carrboro, NC)
- U.S. Gambling Research Institute (Northampton, MA)
- North Carolina Technological Development Authority (Research Triangle Park, NC)
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