

Curriculum Vitae

Paul D. Gottlieb
Associate Professor of Agricultural, Food, and Resource Economics
School of Environmental and Biological Sciences
Rutgers University
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Employment history

- 9/02—present Associate professor
Department of Agricultural, Food, and Resource Economics, School of
Environmental and Biological Sciences, Rutgers University
- 7/09—6/15 Department chair
Department of Agricultural, Food, and Resource Economics, School of
Environmental and Biological Sciences, Rutgers University
- 2/02—8/02 Interim director
Center for Regional Economic Issues, Weatherhead School of Management,
Case Western Reserve University
- 11/93—2/02 Associate director
Center for Regional Economic Issues, Weatherhead School of Management,
Case Western Reserve University
- 9/95—8/02 Senior lecturer
Department of Economics, Weatherhead School of Management, Case
Western Reserve University
- 6/87—6/90 Senior research associate
Office of State Planning, Department of the Treasury, State of New Jersey
- 9/82—9/85 Research assistant
Economists Incorporated, Washington, D.C.

Education

- 1994 Ph.D. in Public Affairs, Woodrow Wilson School
Princeton University
- 1987 M.P.A., Woodrow Wilson School
Princeton University
- 1981 A.B., *magna cum laude* in History
Harvard University

HONORS AND AWARDS

Best article in *Agricultural and Resource Economics Review*, 2009. Awarded for Adelaja and Gottlieb, "The Political Economy of Down-Zoning."

Governors Environmental Excellence Award (Environmental Education), 2008. Awarded for team teaching in the *Rutgers Environmental Stewards Program* of Rutgers Cooperative Extension.

Northeast Extension Directors' Award of Excellence, 2007. Awarded for *New Jersey Equine Economic Impact Study*.

Milken Institute Award for Distinguished Economic Research, 2000. Awarded for *Educational Attainment and Metropolitan Growth*.

PUBLICATIONS

Refereed journal articles (student authors shown with an asterisk)

Duke, J.M., B. Schilling, K. Sullivan, J.D. Esseks, P.D. Gottlieb, and L. Lynch. 2016. Illiquid capital: Are conservation easement payments reinvested in farms? *Applied Economic Perspectives and Policy* 2016. doi: 10.1093/aep/ppw016.

Hochman, G., S. Wang,* Q. Li, P.D. Gottlieb, F. Xu, and Y. Li. 2015. Cost of organic waste technologies: A case study for New Jersey. *AIMS Energy* 3(3): 450-462.

DeVincentis, A.*, R. Brumfield, P. Gottlieb, and J. Johnson. 2015. Cost analysis of using recycled water in container production: A case study of Southern New Jersey. *HortScience* 50(8): 1196-1201.

Gottlieb, P.D. 2015. Is America running out of farmland? *Choices* 30(3).
<http://www.choicesmagazine.org/choices-magazine/submitted-articles/is-america-running-out-of-farmland>

Gottlieb, P.D., B. Schilling, K. Sullivan, J.D. Esseks, L. Lynch, and J. Duke. 2015. Are preserved farms actively engaged in agriculture and conservation? *Land Use Policy* 45: 103-116.
<http://dx.doi.org/10.1016/j.landusepol.2015.01.013>

Schilling, B., J. D. Esseks, J. Duke, P.D. Gottlieb, and L. Lynch. 2015. The future of preserved farmland: Ownership succession in three mid-Atlantic states. *Journal of Agriculture, Food Systems, and Community Development* 5(2): 129-153.
<http://dx.doi.org/10.5304/jafscd.2015.052.008>

Gottlieb, P.D., A. O'Donnell,* T. Rudel, K. O'Neill, and M. McDermott. 2012. Determinants of local housing growth in a multi-jurisdictional region, along with a test for nonmarket zoning. *Journal of Housing Economics* 21: 296-309.

Gottlieb, P.D. 2011. Supply or demand, make or buy: Two simple frameworks for thinking about a state-level brain drain policy. *Economic Development Quarterly* 25(4): 303-315.

- Rudel, T., K. O'Neill, P.D. Gottlieb, M. McDermott, and C. Hatfield. 2011. From middle to upper class sprawl? Land use controls and changing patterns of real estate development in northern New Jersey. *Annals of the Association of American Geographers* 101(3): 1-16.
- Gottlieb, P.D., and A.O. Adelaja. 2009. The impact of down-zoning on land values: a theoretical approach. *Agricultural Finance Review* 69(2): 206-227.
- Adelaja, A.O., and P.D. Gottlieb. 2009. The political economy of downzoning. *Agricultural and Resource Economics Review* 38(2):1-10.
- Gottlieb, P. D. 2007. From old economy to new economy: Spatial planning in the county that contains Cleveland, Ohio. *Planning, Practice & Research* 22(2):215—234.
- Gottlieb, P. D. and G. Joseph.* 2006. College-to-work migration of technology graduates and holders of doctorates within the United States. *Journal of Regional Science* 46(4): 627-659.
- Gottlieb, P. D. 2006. State aid formulas and the local incentive to chase (or shun) ratables. *Urban Studies* 43 (7): 1087-1103.
- Gottlieb, P. D. 2006. Running down the up escalator: A revisionist perspective on decentralization and deconcentration in the United States. *International Regional Science Review* 29(2): 135-158.
- Gottlieb, P. D., and M. Fogarty. 2003. Educational attainment and metropolitan growth. *Economic Development Quarterly* 17(4): 325-336.
- Gottlieb, P. D. 2003. Economy versus lifestyle in the inter-metropolitan migration of the young: A preliminary look at the 2000 Census. *International Journal of Economic Development* 5(3): <http://www.spaef.com/IJED/v5n3/ijed5-3-5-gottlieb.htm>.
- Gottlieb, P. D., and B. Lentnek. 2001. Spatial mismatch is not necessarily a central city problem: An analysis of commuting in Cleveland and its suburbs. *Urban Studies* 38 (7): 1161-1186.
- Gottlieb, P. D. 1999. Do economists have anything to contribute to the debate on urban sprawl (and would anybody listen to them if they did)? *Forum for Social Economics* 28(2): 51-64.
- Gottlieb, P. D. 1997. Neighborhood development in the metropolitan economy: A policy review. *Journal of Urban Affairs* 19 (2): 163-182.
- Gottlieb, P. D. 1995. Residential amenities, firm location, and economic development. *Urban Studies* 32 (9): 1413-1436.
- Gottlieb, P. D. 1995. The 'golden egg' as a natural resource: Toward a normative theory of growth management. *Society and Natural Resources* 8 (1): 49-56.
- Gottlieb, P. D. 1994. Amenities as an economic development tool: Is there enough evidence? *Economic Development Quarterly* 8 (3): 270-285.
- Gottlieb, P. D., and J. Reilly. 1994. A simulation model for state growth management planning and evaluation: The New Jersey case. *Computers, Environment and Urban Systems* 18 (1): 43-53.

Refereed monographs

Gottlieb, P. D. 2004. *Labor supply pressures and the "brain drain": Signs from Census 2000*. Washington, DC: Brookings Institution, Metropolitan Policy Program, Living Cities Census Series. 23 pages.

Gottlieb, P. D. 2002. *Growth without growth: An alternative economic development goal for metropolitan areas*. Washington, DC: Brookings Institution, Metropolitan Policy Program, Statistical Survey Series. 27 pages.

Book chapters

Owen, B., and P. D. Gottlieb. 2014 [originally published 1986]. The rise and fall and rise of cable television regulation. In *The causes and effects of deregulation*, ed. P. MacAvoy and R. Schmalensee. Northampton, MA: Edward Elgar Publishing.

Gottlieb, P.D. 2011. Serving the environment and economy through regional planning. In *Regional planning comes of age*, ed. Carleton Montgomery, 273-279. New Brunswick, NJ: Rutgers University Press.

Gottlieb, P. D. 2000. The effects of poverty on metropolitan area economic performance. In *Urban-suburban interdependencies: New directions for research and policy*, ed. W. Wiewel and R. Greenstein, 21-48. Cambridge, Ma: Lincoln Institute for Land Policy.

Gottlieb, P. D. 1987. Macroeconomic problems and policies in Ireland. In *Readings and cases in macroeconomics*, ed. B. Bernanke, 474-477. New York: McGraw-Hill.

Owen, B., and P. D. Gottlieb. 1986. The rise and fall and rise of cable television regulation. In *Regulatory reform: What actually happened*, ed. L. Weiss and M. Klass, 78-104. Boston: Little, Brown & Company.

Non-refereed articles, notes, and book reviews

Gottlieb, P.D. 2011. Introduction to EDQ special issue on 'brain drain.' *Economic Development Quarterly* 25(4): 299-302.

Gottlieb, P.D. 2007. Review of *Economics and contemporary land use policy*, ed. R. Johnston and S. Swallow. *Journal of Regional Science* 47(3): 640-641.

Gottlieb, P. D. 2004. Response: Different purposes, different measures. *Economic Development Quarterly*, 18 (1): 40-43.

Gottlieb, P, D. 2002. Older central counties in the New Economy. *Public Investment* (June): 1-6.

Gottlieb, P.D. 1999. Why it is important to train and retain educated knowledge workers. *Innovation for Regional Advantage* 1 (1): 26-31.

Gottlieb, P. D. 1996. Can community-building change the economic context? In *Core issues in comprehensive community-building initiatives*, ed. R. Stone, 73-74. Chicago: University of Chicago, Chapin Hall Publications.

Gottlieb, P. D. 1994. Review of *Economic adaptation: Alternatives for nonmetropolitan areas*, ed. D. Barkley. *Journal of Regional Science*, 34(3): 459-462.

Non-refereed monographs

Gottlieb, P. D. 2001. *Older central counties in the New Economy*. Washington, DC: U.S. Department of Commerce, Economic Development Administration

Atkinson, R., and P. D. Gottlieb. 2001. *The metropolitan New Economy index: Benchmarking economic transformation in the nation's metropolitan areas*. Progressive Policy Institute and Center for Regional Economic Issues.

Gottlieb, P.D. 2000. *Educational attainment and metropolitan growth*. Los Angeles: Milken Institute. (Later published in *Economic Development Quarterly*.)

Gottlieb, P.D. 1998. *The effects of poverty on metropolitan area economic performance*. Washington, DC: National League of Cities. (Later published as a book chapter by the Lincoln Institute of Land Policy and Brookings.)

Conference proceedings

Gottlieb, P. D. 1999. The importance of training and retaining smart people. In *Cleveland's path to regional economic advantage: New findings, lessons learned, and some suggested strategies*, ed. D. Dooley, 25-29. Case Western Reserve University, Weatherhead School of Management, Center for Regional Economic Issues.

Abstracts

Gottlieb, P.D., T. O'Donnell, T. Rudel, K.O'Neill and M. McDermott. 2012. Agricultural zoning and housing development. Abstract for the Northeastern Agricultural and Resource Economics Association Meetings, Lowell, Massachusetts, June 11, 2012.

Gottlieb, P. D., Rudel, T., K'Oneill and M. McDermott. 2011. Is agricultural zoning exclusionary? Abstract of a paper presented at the annual meeting of the Agricultural and Applied Economics Association, Pittsburgh, Pennsylvania. AgEcon Search (<http://agecon.lib.umn.edu/>).

Gottlieb, P. and T. O'Donnell. 2009. The impact of large-lot zoning and open space acquisition on home building in rural communities. Annual Meeting of the Agricultural and Applied Economics Association, Milwaukee, Wisconsin, AgEcon Search (<http://agecon.lib.umn.edu/>).

Gottlieb, P., K. Sullivan, K. Malinowski, B. Schilling, and D. Orban-Brown. 2009. Customizing the definition of an agricultural industry for policy analysis: The case of New Jersey equine. Abstract for the Northeastern Agricultural and Resource Economics Association Meetings, Burlington, Vermont, June 8, 2009.

Adelaja, A., L. Libby, P. D. Gottlieb, and A. Plantinga. 2005. Frontier issues in land use research: Regulatory versus compensatory approaches. Abstract of a free session at the annual meeting of the American Agricultural Economics Association, Providence, Rhode Island. Community of Science (<http://ams.cos.com/cgi-bin/login?institutionId=1814&meetingId=192>).

Foley, B., A. Adelaja, R. Horan, P. Norris, and P. Gottlieb. 2005. Zoning impacts on land development. Abstract for the Northeastern Agricultural and Resource Economics Association Meetings, Annapolis, Maryland, June 13, 2005.

Gottlieb, P. D., and A. Adelaja. 2004. The political economy of downzoning. Abstract of a paper presented at the annual meeting of the American Agricultural Economics Association in Denver, Colorado. AgEcon Search (<http://agecon.lib.umn.edu/>).

Gottlieb, P.D. 2004. The "brain drain" (précis of 2004 Brookings monograph). *Monthly Labor Review* 127(4): 43.

Gottlieb, P.D. 2003. Brains and the city (précis of 2003 *Economics Development Quarterly* article). *Monthly Labor Review* 126(10): 44.

Gottlieb, P.D. 2002. The old and the new. Summary of 'Older central counties and the New Economy.' *Economic Development Digest*, a publication of the NADO Research Foundation (<http://www.nado.org/pubs/oct024.html>)

Gottlieb, P.D. 1998. Neighborhood development in the metropolitan economy. *Journal of Planning Literature* 12(4): 443.

Gottlieb, P. D. 1996. The 'golden egg' as a natural resource: Toward a normative theory of growth management. *Journal of Planning Literature* 10(3): 296. (See also *Journal of Planning Literature* 14(2): 299, November 1999).

Gottlieb, P.D., and J. Reilly. 1995. A simulation model for state growth management planning and evaluation: The New Jersey case. *Journal of Planning Literature* 10(2): 189. (See also *Journal of Planning Literature* 14(2): 299, November 1999).

Gottlieb, P.D. 1994. Amenities as an economic development tool: Is there enough evidence? *Journal of Planning Literature* 9(4): 419.

Rutgers cooperative extension/NJAES publications

Malinowski, K., and P.D. Gottlieb. 2014. *2014 State of the New Jersey Horse Racing Industry: Post-Report of the Governor's Advisory Commission on New Jersey Gaming, Sports, and Entertainment*. Rutgers Equine Science Center.

Gottlieb, P.D., Malinowski, K., Sullivan, K., Schilling, B., and D. Orban-Brown. 2007. *The New Jersey equine industry 2007: Economic impact*. Rutgers Equine Science Center.

Gottlieb, P.D. 2007. *Proposed constitutional amendment to change farmland assessment practices in New Jersey* (RCRE Bulletin #E314).

Gottlieb, P.D. 2005. *Risks to agricultural commodities from urbanization* (RCRE Fact Sheet # 094).

Gottlieb, P.D. 2005. *Land use research at Cook College* (RCRE Information Sheet #011).

Gottlieb, P.D., and A. Cristelli. 2005. *Treatment of equine programs in state programs designed to protect agriculture* (RCRE Bulletin #E301).

Gottlieb, P.D. 2004. *Summary of the Highlands Water Protection and Planning Act* (published online at <http://www.rcre.rutgers.edu/highlands>).

Newspaper and magazine editorials

Gottlieb, P.D. 2013. "Is John Boehner Oliver Cromwell?" *Washington Monthly*, online op-ed, posted October 11.

Gottlieb, P. D., and A. Adelaja. 2004. "The answer to sprawl is mandating smaller lot sizes," *The Home News Tribune*, September 29.

Shatten, R., and P. D. Gottlieb. 2000. "Aha! (knowledge economy)," *Innovation for Regional Advantage*, Volume 2, pp. 4-8.

Gottlieb, P. D. 1997. "Downtown development helped the poor," *The Cleveland Plain Dealer*, January 18.

Newsletter and trade press articles

DeVincentis, A., R.G. Brumfield, and P. Gottlieb. 2015. A case for chlorine. *Nursery Management* 31(2):18-22. <http://www.nurserymag.com/nm0215-recycling-irrigation-water-chlorine-gas.aspx>

DeVincentis, A., R.G. Brumfield, and P. Gottlieb. 2015. A clear vision: Years before state mandates, Overdevest Nursery started capturing and cleaning irrigation runoff. *Nursery Manager* 31(1):36-40. <http://www.nurserymag.com/nm0115-irrigation-runoff-overdevest-nursery.aspx>.

DeVincentis, A., R.G. Brumfield, and P. Gottlieb. 2014. 10 Tips for recycling irrigation water. *Greenhouse Management* 34(12):21-3. <http://www.greenhousemag.com/digital/201412/index.html>.

DeVincentis, A., R.G. Brumfield, and P. Gottlieb. 2014. A step ahead: Centerton Nursery's water recycling system provides 30 million gallons each year. *Nursery Management* 30(9):24-26, 44-45. <http://www.nurserymag.com/digital/201409/index.html>.

DeVincentis, A., R.G. Brumfield, and P. Gottlieb. 2014. H₂O in the ozone. *Greenhouse Management* 34(8):18-22. <http://www.greenhousemag.com/digital/201408/index.html>.

DeVincentis, A., R.G. Brumfield, and P. Gottlieb. 2014. Keeping water clean with copper. *Greenhouse Management* 34(10):42-47. <http://www.greenhousemag.com/gm1014-kube-pak-water-disinfection.aspx>.

Gottlieb, P.D. 2005. Ratable chasing and property tax reform in New Jersey: An economist's view. *Plan This!* Newsletter of the New Jersey Chapter of the American Planning Association 3(4):1,8.

Gottlieb, P.D. 2005. Downzoning and the build-out scenario. *Rutgers Enviro-Notes* 2(2): <http://www.rcre.rutgers.edu/environotes/v02n02.htm>

Gottlieb, P.D. 2005. Property tax reform in New Jersey: A DAFRE economist's view. *DAFRE Dynamics*, 7(2): 7.

Gottlieb, P.D. and A. Adelaja. 2004. The answer to sprawl is...density. *Farm Bureau Update* 1(6): 3.

Gottlieb, P.D. 1994. Amenities and economic development: Getting beyond the aquarium. *News & Views* (October), newsletter of the Economic Development Division of the American Planning Association.

Unpublished community research reports

Gottlieb, P.D., Q. Shen, and A. Fichtner. 2009. *Benchmarking the central/northern N.J. bioscience cluster to other U.S. regions: Workforce and economic intelligence for the Bio-1 region*. Prepared for the Bio-1 Wired Program in affiliation with the Heldrich Center for Workforce Development of Rutgers University.

Coleman, H., and P. D. Gottlieb. 2004. *Fiscal policies to support Smartgrowth: The case of the Somerset Regional Center*. Prepared for the Regional Plan Association of New York, New Jersey, and Connecticut and the Lincoln Institute of Land Policy.

Gottlieb, P. D., J. Kleinhenz, and W. Peirce. 2002. *The economic impact of SBC-Ameritech's entry into the long distance market in Ohio*. Case Western Reserve University, Center for Regional Economic Issues.

Gottlieb, P. D. 2001. *The problem of brain drain in Ohio and Northeastern Ohio: What is it? How severe is it? What should we do about it?* Prepared for the Ohio Board of Regents and the Jobs and Workforce Initiative of the Greater Cleveland Growth Association.

Gottlieb, P. D. 2000. *Community decision-making guide for an analysis of alternative development patterns in Northeastern Ohio*. Prepared under a grant from the U.S. Environmental Protection Agency.

Gottlieb, P. D. and W.T. Bogart. 1998. *The downtown's economic revival: Cleveland's recent success and next steps*. Case Western Reserve University, Center for Regional Economic Issues.

Gottlieb, P. D. 1997. *Commuting patterns in Cleveland's empowerment zone*. Case Western Reserve University, Center for Regional Economic Issues.

Gottlieb, P. D. 1997. *Occupational profiles of industry clusters*. Case Western Reserve University, Center for Regional Economic Issues.

Gottlieb, P. D. 1995. *Industries, occupations, and training needs in the Greater Cleveland labor market: 1995-2004*. Case Western Reserve University, Center for Regional Economic Issues.

Gottlieb, P. D. [1994, but updated continuously through 2002]. *REI's profile of the Northeast Ohio economy*. Case Western Reserve University, Center for Regional Economic Issues.
http://weatherhead.cwru.edu/rei/neoprof/neo_prof.html

Gottlieb, P. D. 1994. *Labor force development in WIRE-net: Drawing inferences from state and federal data. A report to Cleveland's Westside Industrial Retention and Expansion Network*. Case Western Reserve University, Center for Regional Economic Issues.

Gottlieb, P. D. 1990. *Measuring environmental and quality-of-life impacts of the New Jersey State Plan*. Prepared under contract to the New Jersey Office of State Planning.

Reilly, J., and P.D. Gottlieb. 1990. *Distributing population and employment forecasts to municipalities*. Technical Reference Document, New Jersey Office of State Planning, Department of Treasury, State of New Jersey.

Gottlieb, P. D., and J. Reilly. 1990. *Projecting costs for roads under various growth scenarios*. Technical Reference Document, New Jersey Office of State Planning, Department of Treasury, State of New Jersey.

Gottlieb, Paul D. 1990. *Projecting state and local operating budgets under various growth scenarios*. Technical Reference Document, New Jersey Office of State Planning, Department of Treasury, State of New Jersey.

Gottlieb, Paul D. 1989. *Housing trends and projections*. Technical Reference Document, New Jersey Office of State Planning, Department of Treasury, State of New Jersey.

PRESENTATIONS AND MEDIA

Keynote addresses

Growth without growth revisited. One of four “thought leader” presentations given in the economic development workshop of the Remaking Cities Congress, cosponsored by the Remaking Cities Institute of Carnegie Mellon University and the American Institute of Architects. Pittsburgh, Pennsylvania, October 17, 2013.

Reflections on big city planning: Economic development. Session keynote with respondents. Conference of the American Planning Association, San Francisco, California, March 22, 2005. (Published on a multi-media CD-ROM under the title *New Approaches to Economic Development*, APA and Lincoln Institute, 2005.)

Urban economic development under conditions of growth and decline. Session keynote with respondents. Big City Planners Institute, sponsored by the Lincoln Institute of Land Policy, the American Planning Association, and the Harvard Graduate School of Design, Cambridge, Massachusetts, October 5, 2004.

Investing in Northeast Ohio. Bloomberg in Cleveland conference, Cleveland, Ohio, February 20, 2002.

Is there a quiet crisis in Medina County? Autumn Speaker Series, Medina County Economic Development Corporation, Medina, Ohio, October 25, 2001.

LTV or Biotech? Or Can We Have Both? Meeting of the Northeast Ohio Chapter of the National Investor Relations Institute, Cleveland, Ohio, June 4, 2001.

Academic conferences

“Too small to farm, too big to mow”: The impact of large lot zoning on the exurban landscape. *Poster presentation*, Annual Meeting of the Agricultural and Applied Economics Association, Boston, Massachusetts, August 2, 2016.

Are participating landowners satisfied with agricultural conservation easement programs? Selected paper presented at the Northeastern Agricultural and Resource Economics Association/Canadian Agricultural Economics Society Joint Annual Meeting. Newport, RI. [Schilling.] June 30, 2015.

Urban versus rural perspectives on land use issues at the fringe. Organized symposium, Annual Meeting of the Agricultural and Applied Economics Association, Minneapolis, MN, July 28, 2014. [Symposium organizer and presenter.]

Agricultural preservation, large-lot zoning, and real estate development in New Jersey, USA. Annual meetings of the European Regional Science Association, Palermo, Italy, August 29, 2013. [Invited presentation for special session on land use.]

Agricultural industry clusters: The cases of wine and horses. Annual Meeting of the Southern Regional Science Association, Arlington, Virginia, April 5, 2013. [Session chair.]

Agricultural zoning and housing development. Meeting of the Northeast Agricultural Economics Association, Lowell, Massachusetts, June 11, 2012. [Session chair.]

Is agricultural zoning exclusionary? Annual Meeting of the Agricultural and Applied Economics Association, Pittsburgh, Pennsylvania, July 26, 2011.

The impact of large-lot zoning and open space acquisition on home building in rural communities. Annual Meeting of the Agricultural and Applied Economics Association, Milwaukee, Wisconsin, July 28, 2009.

Customizing the definition of an agricultural industry for policy analysis: The case of New Jersey equine. Meeting of the Northeast Agricultural Economics Association, Burlington, Vermont, June 8, 2009. [Sullivan]

A fixed effects model of the impact of minimum lot size zoning on municipal growth. North American Meetings of the Regional Science Association International. Brooklyn, NY, November 22, 2008.

Can place of matriculation be used to leverage the location of a graduate's first job? North American Meetings of the Regional Science Association International. Savannah, GA, November 9, 2007.

Can place of matriculation be used to leverage the location of a graduate's first job? Workshop on Using Human Resource Data from Science Resources Statistics to Study the Science and Engineering Workforce. National Science Foundation, Arlington, VA, October 12, 2007.

Down-zoning and the courts in a state nearing build-out: The case of New Jersey. Annual Meeting of the American Agricultural Economics Association, Long Beach, California, July 25, 2006.

Down-zoning and its impact on property values. Annual Meeting of the American Agricultural Economics Association, Long Beach, California, July 24, 2006.

Is preservation a zero-sum game? Panel on frontier issues in land use research: Regulatory versus compensatory approaches. Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 26, 2005.

Zoning impacts on land development. Meeting of the Northeast Agricultural Economics Association, Annapolis, Maryland, June 13, 2005.

The political economy of downzoning. Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 2, 2004.

Older central counties in the New Economy. *Poster Presentation*, Conference of the Association of Collegiate Schools of Planning, Cleveland, Ohio, November 10, 2001.

Brain drain: What is it? What should we do about it? Great Lakes Economic Development Conference, Pittsburgh, Pennsylvania, September 21, 2001.

Workforce development panel (moderator and presenter), Great Lakes Economic Development Conference, Cleveland Federal Reserve Bank, Cleveland, Ohio, March 1999.

Transportation investments in inner-city areas: Clarifying means and ends. Conference on Transportation and the Economy, Policy and Research Symposium Series of the UCLA Extension Public Policy Program, Lake Arrowhead, California, December 7-9, 1998.

Midwest workforce issues: Skill shortages, mismatches, and projections. Great Lakes Economic Development Conference, Cleveland State University and Federal Reserve Bank of Cleveland. October 15, 1998.

Labor market programs for empowerment zone residents: Insights from commuting data. Research Conference of the Association for Public Policy Analysis and Management, Washington, DC, November 7, 1997.

The Cleveland turnaround. Meeting of the Ohio Association of Economists and Political Scientists, Baldwin-Wallace College, Berea, Ohio, Summer 1997.

Neighborhood development in the metropolitan economy: A comprehensive policy review. Conference of the Urban Affairs Association, New York, March 16, 1996.

Amenities or product life cycle? Reinterpreting the decentralization of high-tech industry. Conference of the Association of American Geographers, Chicago, Illinois, March 15, 1995.

The role of infrastructure in economic development (invited discussant). Conference sponsored by the Institute of Government and Public Affairs of the University of Illinois, Urbana-Champaign, Chicago, September 24, 1994.

Amenities versus agglomeration in the location of high-technology firms. Meetings of the Mid-Continent Regional Science Association, Chicago, Illinois, June 3, 1994.

Estimating costs for wastewater collection and treatment under various growth scenarios (presented by co-author James Reilly). Third International Conference on Computers in Urban Planning and Urban Management, Atlanta, Georgia, July 23, 1993.

Residential amenities, firm location, and economic development. North American Meetings of the Regional Science Association International, Houston, Texas, November 13, 1993.

Amenity-oriented firm location: Theoretical and empirical issues. North American Meetings of the Regional Science Association International, Chicago, Illinois, November 15, 1992.

Amenities as an economic development tool: Is there enough evidence? Annual meeting of the Association of Collegiate Schools of Planning, October 30, 1992.

Amenities as an economic development tool: Is there enough evidence? National Interdisciplinary Conference on Suburban Development and Quality of Life in the U.S.A., Center for Suburban Studies, Towson State University, Towson, Maryland, May 29, 1992.

A simulation model for state growth management planning and evaluation: The New Jersey case. Association of Collegiate Schools of Planning-Association of European Schools of Planning Joint International Planning Congress, Oxford, United Kingdom, July 1991.

Research seminars

Thinking about local sustainability and land use. Sustainability seminar series, Department of Earth and Environmental Studies, Montclair State University, November 17, 2015.

Agricultural zoning: Benign or exclusionary? SEBS Department of Agricultural, Food, and Resource Economics, Rutgers University, April 27, 2012.

The effect of large-lot zoning on development and land prices. Program in Urban Affairs and Planning, Virginia Polytechnic University, February 10, 2008.

The economic impact of the New Jersey equine industry, 2007. Department of Animal Science, Rutgers University, November 30, 2007.

College-to-work migration in the United States: A foray into "policy geography." Speaker Series of the Graduate Geography Project, Department of Geography, Rutgers University, December 9, 2005.

State aid formulas and the local incentive to chase (or shun) ratables. Lunchtime seminar series, Bloustein School of Planning and Policy, Rutgers University, September 22, 2005.

A random parameters logit model of scientist and engineer migration from school to work. Research Seminar, Cook College Department of Agricultural, Food, and Resource Economics, April 8, 2005.

Running down the up escalator: A revisionist perspective on decentralization in the United States. Department of Geography Colloquium Series, Kent State University, Kent, Ohio, October 8, 2004.

Running down the up escalator: Reconceptualizing the decentralization of economic activity in the United States. Research Seminar, Cook College Department of Agricultural, Food, and Resource Economics, December 5, 2003.

Growth without growth. Cook College Department of Agricultural, Food, and Resource Economics, February 2002.

Growth without growth. Department of Urban Planning, School of Architecture and Planning, University of Cincinnati, March 2002.

In search of the elusive problem of brain drain in U.S. States. Lunchtime Economics Seminar Series, Department of Economics, Weatherhead School of Management, Case Western Reserve University, October 26, 2000.

Spatial mismatch is not necessarily a central city problem: An analysis of Cleveland's federal empowerment zone. Markets, Organizations, and Public Policy Seminar, Department of Economics, Case Western Reserve University, Spring 1999.

Growth management: Lessons from New Jersey and beyond. Departmental Seminar, Cleveland State University, Cleveland, Ohio, December 10, 1996.

Growth management: Lessons from New Jersey and beyond. Public Policy Brownbag Seminar Series, Case Western Reserve University, November 1, 1996.

The changing geography of philanthropy: Who's holding the safety net? Mandel Center for Nonprofit Organizations, Case Western Reserve University, Cleveland, Ohio, May 24, 1994.

Environmental and economic trade-offs at the local level: The case of firm location. Department of City and Regional Planning, University of North Carolina, March 18, 1994.

Economic determinism, chaos, and the location decisions of firms. Princeton Society of Fellows of the Woodrow Wilson Foundation, Princeton, New Jersey, October 4, 1993.

Topical policy conferences

Agricultural investments on preserved farms. Saving America's Farms and Farmland Conference. Hershey, Pennsylvania, May 12, 2014.

Should large-lot zoning be used as an agricultural preservation tool? Panel presentation, Annual Conference of the American Farmland Trust, Newark, Delaware, November 15, 2006.

Measuring the costs and benefits of regional planning. Panel presentation, "Regional Planning Comes of Age," a conference commemorating the 25th anniversary of the Pinelands Preservation and Planning Act, New Brunswick, NJ, September 28, 2006.

The costs and benefits of redevelopment. Panel presentation, Redevelopment Forum 2006: Leveraging Assets to Build Stronger Communities, New Jersey Future, Trenton, NJ, February 22, 2006.

An economist's perspective on the Highlands Act. Panel presentation, Waldwick High School Highlands Symposium, Waldwick, NJ, October 20, 2005.

Adelaja, A., and P. D. Gottlieb. The political economy of downzoning. Michigan Land Use Summit, Lansing, Michigan, May 19, 2005.

Fiscal mechanisms for SmartGrowth. Panel presentation for "How can we afford SmartGrowth?" part of a series on *Fundamental reform, land use, regulatory, and fiscal reform in New Jersey*, sponsored by the Regional Plan Association of New York, New Jersey, and Connecticut, and the Lincoln Institute of Land Policy. Bloustein School of Planning and Public Policy, New Brunswick, NJ, February 23, 2005.

Brain drain and aging workforce in Pennsylvania: From data to policy. Reinventing America's Older Communities Conference, Federal Reserve Bank of Philadelphia, Philadelphia, PA, January 14, 2004.

Thinking about regionalism. Conference on regionalism and economic growth sponsored by Cuyahoga County Commissioners, Cleveland, Ohio, July 2002.

The economic impact of SBC Ameritech's entry into the long distance market in Ohio. Public presentations in Cleveland, Columbus, and Dayton, week of April 29th, 2002.

Panelist at two Ameritech-sponsored events on internet infrastructure and regulatory reform. Cleveland, Ohio, August 22, 2000, and Columbus, Ohio, October 2000.

Human resources and the internet economy (moderator). Annual Economic Development Forum, Center for Regional Economic Issues, Case Western Reserve University, October 2000.

Does public policy affect quality of place? Quality of Place: A Workshop. Sponsored by the New Jersey Office of State Planning and the Edward J. Bloustein School of Planning and Public Policy, Rutgers University, November 12, 1999.

The Microsoft antitrust case (organizer and moderator). Weatherhead School of Management, Case Western Reserve University, Cleveland, Ohio, November 10, 1999.

Understanding workforce development policy. Urban policy roundtable of the Center for National Policy, Cleveland, Ohio, August 16, 1999.

The importance of training and retaining smart people. Cleveland's Path to Regional Competitive Advantage, a conference of the Weatherhead School of Management, Case Western Reserve University, Cleveland, Ohio, January 19, 1999.

The effects of poverty on metropolitan area economic performance. Urban-Suburban Interdependence: New Directions for Research and Policy. Sponsored by the Brookings

Institution, the Lincoln Institute of Land Policy, and the Great Cities Institute of the University of Illinois at Chicago, Chicago, Illinois, September 1998.

Workforce development forum. Panel organizer, presenter, moderator. Public Policy Program, Case Western Reserve University, September 11, 1997.

Local infrastructure in support of global trade. A symposium introducing REI's research with Rosabeth Moss Kanter of the Harvard Business School, for the book *World Class*. Cleveland, Ohio, December 9, 1994.

Presentations to professional or industry groups

Evaluating farmland preservation in New Jersey: overview of recent NJAES research. Invited presentation to the State Agriculture Development Committee (with B. Schilling and K. Sullivan). Trenton, NJ, June 25, 2015.

Days of wine and horses. Presented at "An Evening of Celebration and Science," Equine Science Center, Rutgers University, Cook Campus Center, November 19, 2013 (<http://www.esc.rutgers.edu/downloads/UpdatePresentations2013/Gottlieb.pdf>).

Benchmarking WIRED regions on their high-tech performance. Presentation to the Governance Board of Bio-1, a Central New Jersey workforce initiative funded by the U.S. Department of Labor. New Brunswick, NJ, June 9, 2009.

The New Jersey Equine Industry, 2007. Awards presentation. Joint Session of Northeast Extension Directors, Bethesda, Maryland, July 14, 2008.

The New Jersey Equine Industry, 2007. Annual convention of the New Jersey Farm Bureau. Princeton, New Jersey, November 15, 2007

The New Jersey Equine Industry, 2007. Delivered at *Horses 2007*, a multi-state research and extension forum organized by the Rutgers Equine Science Center. New Brunswick, New Jersey, April 1, 2007.

Property tax reform in New Jersey: Implications for land use (session organizer and moderator). Annual Meetings of the New Jersey Chapter of the American Planning Association, New Brunswick, New Jersey, October 28, 2005.

Highlands Act flowchart (poster presentation). Annual conference of Rutgers Cooperative Research and Extension, New Brunswick, NJ, September 9, 2005.

The Highlands Act and implications for woodland owners. Hunterdon County woodland owners' conference, Flemington, NJ, May 10, 2005.

Downzoning: Controversial planning tool on the rise. Meeting of the Ocean County Agricultural Development Board, New Egypt, NJ, April 13, 2005.

Downzoning: Controversial planning tool on the rise. Meeting of the Cape May County Agricultural Development Board, Cape May Courthouse, NJ, April 6, 2005.

Highlands Act briefing. Joint meeting of the Warren County Agricultural Development Board and the White Township Business Association, White Township, NJ, April 5, 2005.

Growth pressures, property rights, conflict: Observations on New Jersey land use from an old state planner. Meeting of the Atlantic County Agricultural Development Board, February 14, 2005.

The Highlands Act and implications for woodland owners. New Jersey Woodland Conference, Cook College, Rutgers University, New Brunswick, NJ, November 6, 2004.

Land use research at Cook College (session organizer and moderator). Annual Meetings of the New Jersey Chapter of the American Planning Association, New Brunswick, New Jersey, November 5, 2004.

An economist's take on takings: Downzoning in New Jersey. Joint Meeting and Dinner of the Gloucester County Agricultural Development Board and Kiwanis Club, Clayton Twp., NJ, September 16, 2004.

Older central counties in the New Economy. Regional Economic Development Forum, Economic Development Administration, US Department of Commerce, Chicago, Illinois, May 9, 2002.

Older central counties in the New Economy. Regional Economic Development Forum, Economic Development Administration, US Department of Commerce, Philadelphia, Pennsylvania, April 2, 2002.

Older central counties in the New Economy. National Economic Development Forum, Economic Development Administration, US Department of Commerce, Washington, DC, May 31, 2001.

Information technology: The challenge for Greater Cleveland. IT: Teaching CEOs and Technology Managers the Same Language, a conference sponsored by Enterprise Development, Inc., Cleveland, Ohio, June 27, 2000.

Cleveland in the internet economy. Conference of the Cleveland Association of Internet Practitioners, Cleveland, Ohio, May 2, 2000.

Cleveland's downtown economy Conference of Cleveland Real Estate Women (CREW), September 1998.

Presentations to civic groups, schoolkids

The economics of World War I. Presentation to summer high school honors program, Lawrence Academy, Lawrenceville, NJ, July 18, 2016.

What is money? Presentation to fifth grade REACH class, Auten Road Intermediate School, Hillsborough, NJ, June 2, 2014.

The financial crisis of 2008. On-campus briefing for the benefit of faculty, staff, and students. School of Environmental and Biological Sciences, New Brunswick, NJ, October 15, 2008.

Population growth, sustainability, and economics. Northeast Ohio Division, Sierra Club, Shaker Heights, Ohio, October 24, 2001.

Pennsylvania's challenge in the knowledge economy. Presentation to the Pennsylvania Economy League, Pittsburgh, PA (simulcast in Philadelphia), October 5, 2001.

Hi-tech in Northeast Ohio: Challenges and opportunities (also webcast). Technology Series of the City Club of Cleveland (helped plan speaker series). Cleveland, Ohio, September 19, 2001.

Regionalism in Cleveland. Presentation to Leadership Cleveland class, March 22, 2001.

Moving Cuyahoga County forward with a modern economy. Presentation to Mayors and City Managers of Cuyahoga County, Independence, Ohio, March 7, 2001.

Expert testimony

Testimony before the Ohio State Legislature on behalf of Substitute House Bill 314, "The Internet Investment Act." Columbus, Ohio, May 10, 2000

Media mentions and broadcast interviews

New Jersey agriculture

2013: "Grapes of Math: New Jersey's Wine Industry Sees Growth, Increase of Vineyards Statewide," *Trenton Times*, October 13.

2011: "Average Cost of Thanksgiving Dinner up 13%," *Bergen Record* and northjersey.com, November 11).

2010. "Sixteen New Jersey Counties Declared Federal Agricultural Disaster Areas Due to Drought" (TV 12 NJN News, November 26).

Urban sprawl and land use regulation

2005. "Highlands Symposium," Waldwick High School (*NJN News*, October 20); "Highland Meeting Draws Large Crowd, Heated Debates" (*The New Jersey Farmer*, May 1); "Highlands Act Draws Backlash at Forum" (*The Express-Times*, April 6); Implementation of the Highlands Act (*WRNJ radio*, April 6).

2000. "The Boys of Sprawl" (*Governing Magazine*, May).

Brain drain and migration

2001. "State Needs to Keep Pace with Nation" (*Akron Beacon Journal*, February 14, 2001); "Ohio Loses Large Number of Working-Age Residents" (*Akron Beacon Journal*, July 8); "Goodbye, Ohio" (*Akron Beacon Journal*, July 8); "Young college grads plentiful" (*The Plain Dealer*, December 23); "Area Lags in High Tech Grads, Study Finds" (*The Plain Dealer*, January 14); "Big

City Bright Lights Draw Graduates Away" (*The Plain Dealer*, January 14) "Down the Brain Drain" (*The Plain Dealer*, January 18); "College Studies Paving Paths Out of Valley" (*Youngstown Tribune Chronicle*, February 5); "'Brain Drain' is Only a Symptom of a Larger Problem" (*Campus News*, February 8); "Right Jobs Could Halt Brain Drain, Experts Say" (*Toledo Blade*, February 20); "Brain Drain in Ohio" (*Ohio News Network Cable TV*, March 29); Evans op-ed (*Akron Beacon Journal*, May 21).

Educational attainment and metropolitan growth

2004. "A Matter of Degrees..." (*Jacksonville Times-Union*, September 27).

1999. Appearance on "Dick Feagler and Friends" (*WVIZ-TV*, early summer); Interview on *WCPN public radio*, July; "Plugging a Brain Drain" (*Omaha News-Herald*, December 28); "Midwest Vies to Keep its Eggheads Home" (*Christian Science Monitor*, December 21); "Well-educated Cities See Incomes Rise, Too" (*Nashville Tennessean*, July 20); "Educational attainment" (*WSM and WTN radio*, July).

Growth without Growth

2014. "Why Population Growth isn't Always an Economic Boon." (*Marketplace*, National Public Radio, May 22.)

2004. "Quality, Not Quantity" (*Pittsburgh Post-Gazette*, September 26).

2002. "Forum: Young People are Not Leaving Pittsburgh" (*Pittsburgh Post-Gazette*, May 5); "Growth without Growth" (*Governing Magazine*, April); "Columbus, Other Midwest Cities, Among Success Stories of 'New Economy'" (*Columbus Daily Reporter*, March 28); "Cities Needn't Grow to be Happy" (*Providence Sunday Journal*, April 21); "A Countywide Model for Growth" (*Cleveland Plain Dealer*, March 24).

Metropolitan New Economy Index

2001. "The e-Acheivers List" (*Governing Magazine*, June); "Study: Area Must Think 'New':" (*The News Herald*, October 16); "Seattle is Third in High-tech Survey" (*Puget Sound Business Journal*, October 22); "San Francisco Captures No. 1 New Economy Position – PPI" (*Newsbytes.com*, April 18); "Cleveland Area Ranks Poorly in New Economy, Study Says" (*The Plain Dealer*, April 19); "USA: List of Top 50 New Economy Cities" (*Reuters English News Service*, April 19); "Twin Cities 10th Among High-Tech Hub Cities" (*Star-Tribune*, April 19); "USA: San Francisco Tips U.S. New Economy Cities List" (*Reuters English News Service*, April 19); "Denver Among Best at Adapting to New Economy, Report Shows," (*The Denver Post*, April 19); "New Economy List" (*Associated Press*, April 19); "High-Tech Ranking". (*Associated Press*, April 19); "Chicago New Economy" (*Associated Press Newswires*, April 19); "San Francisco/San Jose Tops in IT Success Ingredients" (*InfoWorld.com*, April 19); "A New Economy Stronghold" (*The News Tribune*, April 19); "Emerald City Shines in Tech Study" (*Seattle Post-Intelligencer*, April 19); "Denver Near Top in Tech Study" (*Rocky Mountain News*, April 19); "Denver 'dynamic' Tops in Adapting to New Economy" (*The Denver Post*, April 19); "High-Tech Hopes" (*Austin American-Statesman*, April 19); "Back to the Future" (*Austin American-Statesman*, April 19); "Technologically Like Achilles?" (*The Washington Post*, April 19); "S.L. Has Adapted Well to High-Tech" (*Deseret News*, April 19); "We're No. 19!—Chicago Area Not So Hot in High-Tech Ranking" (*Associated Press*, April 19); "Is Boston Slipping as a Tech Mecca?" (*The Boston Globe*, April 19); "Seattle Ranks Third Among Cities Where New Economy Can Grow, Flourish" (*Seattle Post-Intelligencer*, April 19); "San Francisco Tops U.S. New Economy Cities List" (*Reuters*, April 19); "Tech-Savvy Bay Area Ranks No. 1 in New Economy" (*San Francisco Chronicle*, April 19); "San Francisco Best Rolls with the New Economy Punches" (*TheStandard.com*, April 19); "Study Puts Triangle Near Top of

Economic Heap," (*Raleigh News and Observer*, April 19); "Nashville Makes 'New Economy' Fairly Welcome" (*The Tennessean*, April 20); "San Antonio Unprepared to Profit from New Technologies, Study Finds" (*San Antonio Express-News*, April 20); "SLC Ranks High for Technological Savvy" (*The Salt Lake Tribune*, April 20); "The Newsletter" (*The Seattle Times*, April 20); "S.A. Stagers in Tech Race," (*San Antonio Express-News*, April 21); "Columbus Ranks 36th on Latest Tech List" (*The Columbus Dispatch*, April 21); "Triad Rated Low in Report The Region Stands Out in Research-And-Development Investment But Comes Up Short on Venture Capital, A National Study Finds," (*Greensboro News & Record*, April 21); "Milwaukee Ranks Low on New Study of Tech-Friendly Metropolitan Areas" (*The Milwaukee Journal Sentinel*, April 21); "Bust or Not, S.F. Still Rules Net," (*Wired News*, April 21); "A City Changed" (*Newsweek Online*, April 21); "A Rank Ranking for the Region" (*The Plain Dealer*, April 22); "Metro New Economy Index" (*NE Ohio Craintech*, April 22, 2001); "Area Needs New Approach to Development," (*Buffalo News*, April 22); "What, is it 1999 Again?" (*New York Post*, April 22); "Bay Area Leader in New Economy Attributes, Study Says" (*Dow Jones Newswires*, April 23); "Wasatch Front is Tech-Savvy" (*Deseret News*, April 24); "N.O. Weak in 'New Economy'" (*The Baton Rouge Advocate*, April 24); "Akron 'New Tech City'" (*Akron Beacon Journal*, April 25); "Regional Report—Cross Country" (*Wall Street Journal*, April 25); "No. 10 Praise, and Lessons, for Twin Cities" (*Star-Tribune*, April 25); "Study: Ohio Has 'Knowledge Jobs,' but Lags in New Economy" (*Campus News*, April 26); "'New Economy'—Leaders & Laggards" (*The Cincinnati Enquirer*, April 27); "Brain Drain" (*CWRU Magazine*, Spring 2001); "'New Economy' Ranking Based on Old Data, Experts Say" (*Memphis Commercial Appeal*, April 29); "S.D. Among Top Cities Prepared for Tech Age" (*San Diego Business Journal*, April 30); "Is this a 'New Economy' Town? One Strength, PCs in Schools. A Weakness: Too Few Dot-Coms" (*The Louisville Courier-Journal*, April 30); "Dated Aims and Strategies Could Tampa Regions Outlook" (*The Tampa Tribune*, May 6); "Report Looks at Cities in the New Economy," *Nations' Cities Weekly*, May 7; "Economic Growth: LV Lags in New Economy" (*Las Vegas Review-Journal*, May 28).

Other economic development

2005. "St. Louis Income Growth Tops U.S. Average" (*St. Louis Post-Dispatch*, August 21).

2002. "Endowed Professorships and Economic Development" (*WCPN Radio*, various days in April); "PUCO Still Awaits Ameritech Data" (*The Plain Dealer*, April 30)

2001. "Choice Cuts" (*Inside Business*, January); "Best Economic Barometer: Factory Floors" (*Christian Science Monitor*, January 12); "Innovation for Regional Advantage" (*WTAM and Clear Channel Radio Network*, January 21); "Ohio's Slowing Economy Reflected in Budget" (*The Cincinnati Enquirer*, January 31); "Airport Set to Expand" (*Akron Beacon Journal*, February 7); "Cleveland Airport Gets Initial Approval from Politicians for Expansion Plans" (*Akron Beacon Journal*, February 7); "Huge Cuts at Goodyear" (*Akron Beacon Journal*, February 15); "Innovation for Regional Advantage" (*WTAM and Clear Channel radio stations*, July 15); "High-tech Changing Landscape in Butler County" (*Cincinnati Enquirer*, August 1); "Comeback City, Fights Old Shoe Image" (*The Plain Dealer*, October 14); "Thinking About the New Economy" (*Urban Issues, Cleveland State University Cable Television Talk Show*, November 28)

2000. "Convention Center Proposals" (*WCPN radio*, November 15); "Internet Infrastructure and Telecommunications Regulation" (*WCPN radio*, August 22); "Austin Taking on a Tough Issue: Income Inequality" (*Austin American-Statesman*, January 13).

1999. Cleveland's Empowerment Zone (*Crain's Cleveland Business*, April); Cuyahoga County Population Decline (*The Plain Dealer*, July); Appearance on "Mr. Robinson's Neighborhood" (*Cleveland Public Affairs Cable*, April).

1998. Headquarters Departures (*Akron Beacon Journal*; *Inside Business*).

1996. "The Firing Line", a piece on Workforce Development (*WEWS TV*, April 25); "Area's Job Growth Strong, Growth Association Says" (*The Plain Dealer*, January 26).

TEACHING

Undergraduate courses taught at Rutgers University

Economics, people, and the environment, 2003-present; Introduction to management, 2005-2007; Graduate research methods in agricultural economics, 2011; Sustainability decision tools, 2013-present.

Graduate courses taught at Case Western Reserve University

Economics for management, 1998-1999, 2002; Economics for nonprofit managers, 2000-2001; Issues in public policy, 1996-2002.

Curriculum development

Co-developed Rutgers-New Brunswick minor in sustainability, along with faculty in the Department of Human Ecology and elsewhere on campus.

Conceived, developed, and directed a five-course certificate program in public policy at Case Western Reserve University's Weatherhead School of Management.

Student theses supervised

Doctorate (* = chair)

Jessica Scheld, Rutgers University; James Myers, Rutgers University; George Joseph, Rutgers University; Margaret Brennan, Rutgers University; Mary Reidy*, Case Western Reserve University.

Master's (* = chair)

Meggan Lubeck*, Rutgers University; Yuejia Fu, Rutgers University; Kaitlyn DiPaola, Rutgers University; Wei Duan, Rutgers University; ShiShi Wang, Rutgers University; Matt Ackley*, Rutgers University; Guliana Rich, Rutgers University; Andrew Kabatchnik*, Rutgers University; Li Jiang*, Rutgers University; Tony O'Donnell*, Rutgers University; Fatima Shams, Rutgers University.

Bachelor's (* = chair)

Michael Kamprath*, Case Western Reserve University; Nathan Anderson, Case Western Reserve University; Alyssa DeVincentis, Rutgers University (George H. Cook scholar).

Extension teaching

"Sustainability Decision Tools." Session taught twice a year to recycling professionals as part of the sustainability course of the Rutgers Office of Continuing and Professional Education, Fall 2014 to present.

Business Strategy in a Regional Context. Presentation to equine business planning short course of Rutgers Cooperative Extension, Bridgewater, NJ February 12, 2013 (simulcast to Freehold, NJ).

Guest lecturer in Rutgers' "Environmental Stewards" program, three times a year, 2006—2010.

Developed and taught numerous executive education programs at Case Western Reserve.

SERVICE

Service to the academic profession

Chair of Technical Advisory Committee, Northeast Regional Center for Rural Development, Penn State University (funding from Association of Northeastern Land Grants), 2015-present. Member of committee since 2013.

Member of Distribution Committee, AAEA Trust, 2013-2015.

Member of Executive Board, Council on Food, Agricultural, and Resource Economics, 2010-present.

Guest editor, "Brain Drain" issue, *Economic Development Quarterly*, November 2011.

Member, editorial board, *Economic Development Quarterly* (Sage Publications). 2004-present.

Member of planning committee, Transatlantic Conference on the Science and Education of Land Use, co-sponsored by the National Association of State Universities and Land Grant Colleges and the Interuniversity Consortium for Agricultural and Related Sciences in Europe, Washington, DC, September 2007.

Participant, strategic planning retreat of the Northeast Extension Land Use Network, Philadelphia, PA, October 11-12, 2006.

Invited participant, research planning retreat, Land Policy Program, Michigan State University, December, 2003.

Founding editor / editor-in-chief. *Innovation for Regional Advantage*, Weatherhead School of Management, Case Western Reserve University. 1999-2002.

Referee reports:

- Journal of Planning Education and Research
- Journal of Rural Studies
- Journal of Regional Studies
- State and Local Government Review
- American Journal of Agricultural Economics
- Review of Agricultural Economics
- Economic Development Quarterly
- Journal of Regional Science
- Entrepreneurship and Regional Development

- Growth and Change
- Regional Studies
- Urban Studies

Book referee, University of Minnesota Press: Pastor, M., P. Dreier, J. E. Grigsby, and M. Lopez-Garza, *Regions that Work: How Cities and Suburbs Can Grow Together* (2000).

Judge, agricultural economics student trivia bowl competition, Conference of the American Association of Agricultural Economics, Providence, Rhode Island, July 25, 2005.

Service to Rutgers University

Member of executive steering committee of a faculty group that created an undergraduate sustainability curriculum at Rutgers-New Brunswick, 2013-2015.

Service to Rutgers School of Environmental and Biological Sciences

Member, SEBS Structure and Governance Committee, 2008-2009; NJAES representative, Northeast Extension Land Use Network (NEELUN), 2005-2009; Co-organizer, with New Jersey Department of Agriculture, of two New Jersey Farmland Preservation Summit meetings, Cook Campus Center, March 2006 and March 2007; Faculty representative to Cook College Council, AY 2004-2005; Faculty fellow, Cook College Equine Science Center, 2004-present; Research Associate, Cook College Landscape Change Program (<http://crssa.rutgers.edu/projects/lcp/index.html>), 2003-present; Member of planning committee, *Science of Sprawl* conference, sponsored by the New Jersey Agricultural Experiment Station and the New Jersey Center for Environmental Indicators, May 2003 (<http://www.scc.rutgers.edu/cei/activities/2003agenda.htm>).

Service to Department of Agricultural, Food, and Resource Economics

Department Chair, July 2009-June 2015; Departmental representative on New Brunswick Faculty Council, 2008-2009; Chair of Search Committee for Food Policy Professorship, spring 2007; Graduate Studies Committee, 2006-present; Undergraduate Studies Committee, 2005-2006; Appointments, Promotions, and Search Committee, 2004-2005; Faculty advisor, Undergraduate Environmental and Business Economics (EBE) Club, 2005-2007.

Service to society

Executive Dean's designee, Farmland Evaluation Advisory Committee, a formal body set up under the New Jersey state constitution to approve production values under the state's agricultural assessment program, 2006-2010.

Member, technical advisory committee on regional design. Highlands Planning Council, State of New Jersey, Summer 2005.

Invited participant, Great Lakes Regional Economic Initiative: A Planning Conference. Sponsored by the Brookings Institution Metropolitan Policy Program and the University of Michigan Gerald R. Ford School of Public Policy Center for Local, State, and Urban Policy, Ann Arbor, Michigan, March 14-15, 2005.

Member of Environmental Scan Data Group. United Way Services of Cleveland. September, 1998 to February 1999.

Member of advisory group, Urban Poverty, Economic Development, and Cities Project of the National League of Cities. Attended meeting held in Warrenton, Virginia, May 12-13, 1997. (Purpose: "to help NLC staff expand their understanding of the ways in which the organization can continue to help cities reduce poverty.")

Expert reviewer of employment projection methodology, Ohio Bureau of Employment Services, December 1995.