

Troy D. Mix

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EDUCATION

2017 (anticipated) Ph.D. in Regional Planning, University of Illinois at Urbana-Champaign
Dissertation title: Entrepreneurial universities and collective action in regional development
Committee chair: Edward Feser

2004 Master of Public Administration, University of Delaware

2002 B.A. in Political Science (summa cum laude), University of Pittsburgh

PROFESSIONAL EMPLOYMENT

2014 – present Policy Scientist, Institute for Public Administration, University of Delaware

2008 – 2010 Assistant Policy Scientist, Institute for Public Administration, University of Delaware

2005 – 2008 Policy Specialist II, Institute for Public Administration, University of Delaware

2004 – 2005 Limited-term researcher, Institute for Public Administration, University of Delaware

TEACHING EXPERIENCE

2015 Transportation Sustainability (instructed 2 weeks on “Finance and Policy”), online course, Department of Civil and Environmental Engineering, University of Delaware, cross-listed and instructed with Mid-Atlantic Transportation Sustainability University Transportation Center schools—Marshall University, Morgan State University, Old Dominion University, University of Delaware, University of Virginia, Virginia Tech, Fall 2015.

2014 GIS for planners, online course, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, Summer 2014.

2012 GIS analysis for planners, Developer of online course, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, Fall 2012.

2011 – 2012 GIS for planners, Instructor of record, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, Fall 2011 and Spring 2012.

- 2010 – 2011 Urban and regional analysis, Teaching assistant, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, Spring 2010 and 2011.
- 2005 – 2008 GIS applications in the public and nonprofit sector, Co-instructor, School of Urban Affairs and Public Policy, University of Delaware, Spring 2005-2008.

GRANTS AND CONTRACTS

External Funding

- 2016 – 2017 Mix, Troy (PI), Delaware Office of State Planning Coordination, *Data Integration and Mapping*, \$35,000, 9/2016 – 6/2017.
- Mix, Troy (PI), Delaware Office of State Planning Coordination, *General Planning Assistance – On Call*, \$18,000, 9/2016 – 6/2017.
- Mix, Troy (PI), Delaware Department of Transportation, *On-Call Transportation, Freight, And ITS Planning Activities*, \$149,585, 7/2016 – 6/2017.
- Mix, Troy (PI) and DeCoursey, William (Project manager), Delaware Department of Transportation, *Complete Communities Applications, Analysis, and Planning Support Activities*, \$81,552, 7/2016 – 6/2017.
- 2016 Mix, Troy (PI), Town of Laurel, Delaware, *Strategic Marketing Plan for a Laurel Business Park*, \$12,500, 6/2016 – 12/2016.
- Mix, Troy (PI), Delaware Department of Technology and Information, *Broadband Grant Fund Technical Assistance*, \$4,575, 5/2016 – 8/2016.
- Mix, Troy (PI), Discover Bank and Lighttower Fiber Networks, *Crafting Smart Incentives for Impact and Accountability* (training), \$2,500, February 26, 2016.
- 2015 – 2016 Mix, Troy (PI) and O’Hanlon, Julia (co-PI), Delaware Department of Transportation, *Research to Advance and Support Data Driven Transportation Decision-Making, ADA Access to Transportation Services, and Mobility Management in Delaware*, \$112,500, 7/2015 – 6/2016.
- Mix, Troy (PI), State of Delaware Neighborhood Building Blocks Funds, *Claymont Community Redevelopment Plan Update*, \$24,284, 6/2015 – 12/2016.
- 2015 Mix, Troy (PI), New Castle County Department of Land Use, *District-based Economic Development Analysis Services*, \$10,000, 6/2015 – 10/2015.
- Mix, Troy (PI), The Council for Community and Economic Research (C2ER), *Economic Diversity Data Analysis*, \$5,028, 6/2015 – 9/2015.
- Mix, Troy (PI), Broad Valley Micro Fiber Networks, Fibertech Networks, and University of Delaware Sustainable Coastal Communities Initiative, *Picking Up*

Speed: Delaware Broadband for Economic Development (public forum), \$7,000, 3/2015 – 5/2015.

- 2014 – 2015 Mix, Troy (PI), Delaware General Assembly, *Investigating the Costs and Benefits of the Taxi Option for Delaware*, \$40,000, 9/2014 – 6/2015.
- Mix, Troy (PI), Delaware General Assembly, *Enhanced Public Safety Services Research for the Claymont Renaissance Development Corporation*, \$20,000, 9/2014 – 6/2015.
- 2014 Mix, Troy (PI), Delaware Department of Technology and Information, *Broadband Technical Assistance*, conducted as part of the National Telecommunications & Information Administration’s State Broadband Initiative, \$15,000, 9/2014 – 12/2014 (funding for full year).
- Mix, Troy (PI), Delaware Department of Technology and Information, *Broadband Planning Updates*, conducted as part of the National Telecommunications & Information Administration’s State Broadband Initiative, \$20,129, 9/2014 – 12/2014 (funding for Q4 2014).
- 2014 Mix, Troy (PI), Delaware Department of Technology and Information, *Broadband Stakeholder Engagement*, conducted as part of the National Telecommunications & Information Administration’s State Broadband Initiative, \$25,000, 9/2014 – 12/2014 (funding for full year).
- 2012 – 2013 Feser, Edward (PI), Geoffrey Hewings (co-PI), Kenneth Poole (co-PI), Troy Mix (Project manager), Appalachian Regional Commission, *Diversifying Appalachia: Metrics, Tools, Strategies & Guides*, \$248,736, 10/2012 – 9/2013.

Internal Funding

- 2016 – 2017 Mix, Troy (PI) and Turkel, Eli (Project manager), University of Delaware Cybersecurity Initiative, *Mapping the Regional Institutional Contexts of US Cybersecurity*, \$29,883, 2/2016 – 6/2017.
- Mix, Troy (PI), University of Delaware Sustainable Coastal Communities Initiative, *Economic Development Leadership Resource Network*, \$5,000, 7/2016 – 6/2017.
- Mix, Troy (PI), University of Delaware Sustainable Coastal Communities Initiative, *Professional Planning and Policy Assistance*, \$6,000, 7/2016 – 6/2017.
- 2015 – 2016 Mix, Troy (PI), University of Delaware Sustainable Coastal Communities Initiative, *Economic Development Leadership Resource Network*, \$5,000, 7/2015 – 6/2016.
- Mix, Troy (PI), University of Delaware Sustainable Coastal Communities Initiative, *Professional Planning and Policy Assistance*, \$6,000, 7/2015 – 6/2016.

- 2015 Mix, Troy (PI), University of Delaware Sustainable Coastal Communities Initiative, *Economic Development Leadership Resource Network*, \$11,063, 6/2015 – 8/2015.
- 2014 – 2015 Mix, Troy (PI), University of Delaware Sustainable Coastal Communities Initiative, *Professional Planning and Policy Assistance*, \$6,000, 8/2014 – 7/2015.
- 2013 – 2014 Mix, Troy, Graduate College Dissertation Travel Grant, University of Illinois at Urbana-Champaign, *Entrepreneurial Universities and Collective Action in Regional Development*, \$2,374, 5/2013 – 5/2014.
- 2008 – 2009 Mix, Troy (PI), Coastal Community Enhancement Initiative, University of Delaware, *Sussex Economic Development Action Plan*, \$10,000, 7/2008 – 6/2009.
- 2007 – 2008 Mix, Troy (PI), Coastal Community Enhancement Initiative, University of Delaware, *Enhancing Sussex County's Broadband Environment*, \$20,000, PI, 7/2007 – 6/2008.
- Mix, Troy (co-PI) and Edward O'Donnell (co-PI), University Transportation Center, University of Delaware, *Developing Delaware's Agenda in Transportation within the Northeast Corridor*, \$39,954, 7/2007 – 6/2008.

PUBLICATIONS

Articles in Conference Proceedings

- 2016 Mix, Troy, Bakos, Eduard, and Filip Hruza. Advancing Comparative Research on the Extent and Impacts of Intermunicipal Cooperation. In: Špalková, D.; Matějová L. (eds.) *Proceedings of the 20th International Conference Current Trends in Public Sector Research 2016*. Brno: Masaryk University, 2016. pp. 45-51. ISSN 2336-1239. ISBN 97-80-210-8082-9.

Book Reviews

- 2011 Mix, Troy. Review of *Democracy as Problem Solving: Civic Capacity in Communities across the Globe*, by Xavier de Souza Briggs (Cambridge, MA: MIT Press, 2008). *Journal of Planning Education and Research*, 31(1), 109-111.

Manuscripts in Progress

Mix, Troy and Claudia Caruso. Beyond misunderstandings: the promise and practice of case study research in planning.

Mix, Troy and Claudia Caruso. Methods to match communities for public safety planning: lessons from applied work in suburban Delaware.

Mix, Troy and Mallory Smith. How is your region creative? A derived typology to inform economic development strategies.

Professional Reports

- 2015 Center for Regional Economic Competitiveness and West Virginia University. *Appalachia Then and Now: Examining Changes to the Appalachian Region Since 1965 - Technical Report*. Arlington, VA: Center for Regional Economic Competitiveness. Prepared for the Appalachian Regional Commission, Washington, DC. 180 pages (specific contributions comprised pages 6-14).
- 2014 Mix, Troy and Edward Feser. *Statistical Portrait of Economic Diversity in Appalachia*. Champaign, IL: Regional Economics Applications Laboratory. Prepared for the Appalachian Regional Commission, Washington, DC. 109 pages.
- Feser, Edward, Troy Mix, Mark White, and Ken Poole. *Economic Diversity in Appalachia: Statistics, Strategies, and Guides for Action*. Champaign, IL: Regional Economics Applications Laboratory. Prepared for the Appalachian Regional Commission, Washington, DC. 62 pages.
- 2009 Mix, Troy and Matthias Wendt. *Broadband Opportunities for Sussex County*. Newark, DE: Institute for Public Administration. Prepared for the University of Delaware Coastal Community Enhancement Initiative, Newark, DE. 42 pages.
- Mix, Troy and Xuan Jiang. *Demographic Multipliers in Delaware*. Newark, DE: Institute for Public Administration. Prepared for the Office of State Planning Coordination, Dover, DE. 46 pages.
- McGowan, William and Troy Mix. *Sussex Economic Development Action Plan*. Georgetown, DE: Sussex Economic Development Action Committee. 22 pages
- 2008 Mix, Troy and Rachael Hurley. *Fiscal Impacts of Development: Literature Review and Discussion*. Newark, DE: Institute for Public Administration. Prepared for the Office of State Planning Coordination, Dover, DE. 40 pages.
- Mix, Troy and Manoj Doss. *Greater Georgetown Area Comprehensive Market Analysis*. Newark, DE: Institute for Public Administration. Prepared for the Greater Georgetown Chamber of Commerce, Georgetown, DE. 61 pages.
- Delaware Office of Management and Budget, Office of State Planning Coordination and Troy Mix. *Cabinet Committee on State Planning Issues Report to the Governor and the 144th General Assembly*. Dover, DE: State of Delaware. 35 pages.
- 2007 Mix, Troy. *Town of Odessa Planned Neighborhood Development District*. Odessa, DE: Town of Odessa Planning Commission. 18 pages.
- 2006 Mix, Troy, Martin Wollaston, and William DeCoursey. *Town of Odessa Comprehensive Plan*. Newark, DE: Institute for Public Administration. Prepared for the Town of Odessa, DE. 60 pages.
- Mix, Troy, Marcia Scott, Julia O’Hanlon, Maria Aristigueta, William McGowan, and Lisa McIlvaine. *Delaware CEDS: A Comprehensive Economic Development*

Strategy for the State of Delaware. Newark, DE: Institute for Public Administration. Prepared for the Delaware Economic Development Office, Dover, DE. 154 pages.

2005 Mix, Troy, Jonathan Justice, Barrett Edwards, and Garrett Wozniak. *Town of Middletown Comprehensive Plan*. Newark, DE: Institute for Public Administration. Prepared for the Town of Middletown, DE. 80 pages.

2004 Mix, Troy. *Town of Viola Comprehensive Plan*. Dover, DE: Office of State Planning Coordination. Prepared for the Town of Viola, DE. 33 pages.

PRESENTATIONS

Research Conference Presentations

2016 Entrepreneurial universities and collective action in regional development, 55th Southern Regional Science Association Meetings, Arlington, VA, April 1, 2016.

2013 Characterizing local economic diversity in Appalachia: linking industry, workforce skills, function and location, 52nd Southern Regional Science Association Meetings, Washington, DC, April 5, 2013 (co-authors: Edward Feser and Geoffrey Hewings).

2012 Regional cooperation in economic development: fact, fiction and policy variety, 53rd Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, OH, November 4, 2012 (co-presenter: Edward Feser).

Local governments and the provision of business incentives (poster), 42nd Annual Conference of the Urban Affairs Association, Pittsburgh, PA, April 20, 2012.

2010 Beyond misunderstandings: the practice and promise of case study research in regional planning, 51st Annual Conference of the Association of Collegiate Schools of Planning, Minneapolis, MN, October 7, 2010 (co-presenter: Andrew Isserman).

Selected Presentations to Public and Policy Audiences

2017 Economic development and your community, Municipal Clerks Certificate Training Program, Dover, DE, March 10, 2017.

2016 Creating and structuring time for innovation at university public service organizations, Annual Consortium of University Public Service Organizations (CUPSIO) Conference, Athens, OH, April 7, 2016 (presented for “Innovation from Within” plenary panel session).

Analyzing economic diversity, Pennsylvania Economic Development Institute and the Pennsylvania Economic Development Association, Webinar, January 27, 2016 (co-presenter: Mark White).

Putting data to good use, training presented through the Economic Development Leadership Resource Network, University of Delaware, Newark, DE, January 22, 2016 (co-presenter: Claudia Caruso).

- 2015
- Putting data to good use, training presented through the Economic Development Leadership Resource Network, University of Delaware, Georgetown, DE, October 23, 2015 (co-presenter: Claudia Caruso).
- State of broadband in southern Delaware, Picking Up Speed: Delaware Broadband for Economic Development forum, sponsored by Broad Valley Micro Fiber Networks, Fibertech Networks, and the University of Delaware Sustainable Coastal Communities Initiative, Georgetown, DE, May 20, 2015.
- Economic diversity & lessons for economic development practice, Shale Symposium: What Communities Need to Know, sponsored by Federal Reserve Bank of Cleveland and Multi-State Shale Research Collaborative, Wheeling, WV, March 19, 2015.
- Understanding & marketing your local economy, training presented through the Delaware Academy for Local Government Leadership, Dover, DE, February 20, 2015.
- 2014
- Web-Enabled Benchmarking of Economic Diversity and Structure, Association for University Business and Economic Research Conference, Portland, OR, October 12, 2014.
- Analyzing Economic Diversity: Demonstrating an Economic Diversity Webtool, Council for Community and Economic Research, Webinar, March 11, 2014 (co-presenter: Mark White).
- 2013
- Measuring economic diversity in Appalachia and the United States, 53rd Annual Conference of the Council for Community and Economic Research, Nashville, TN, May 22, 2013.
- Unsolicited advice: lessons for impacting public policy, Network for European-U.S. Regional and Urban Studies (NEURUS)-International Certificate on Urban & Regional Development (ICURD) Workshop and Seminar, Champaign, IL, April 10, 2013.
- 2009
- Broadband in Delaware: the local government role, 21st Annual Delaware Institute for Local Government Leaders, Rehoboth Beach, DE, October 26, 2009.
- 2008
- Charting Livable Delaware's progress, Annual Delaware GIS Conference, Dover, DE, April 23, 2008.
- Critical long term budget policy issues: research and policy ideas discussion with academics, spring meeting of the National Association of State Budget Officers, Little Rock, AR, April 11, 2008 (panel participant).

2007 An interactive, GIS-based model for projecting consumer spending in New Castle County, Delaware, Annual Towson University GIS Conference, Towson, MD, March 19, 2007 (co-presenter: Andrew Homsey).

HONORS AND RECOGNITIONS

2014 Outstanding Doctoral Student, University of Illinois at Urbana-Champaign, Department of Urban and Regional Planning.

2010 – 2011 List of Teachers Ranked as Excellent by their Students, University of Illinois at Urbana-Champaign, Spring 2010 and 2011.

2008 – present Member, American Institute for Certified Planners.

RESEARCH EXPERIENCE

2011 – 2014 Research assistant to Edward Feser, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign.

2010 Research assistant to Andrew Isserman, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign.

EXTRAMURAL SERVICE

2017 Member, Executive Committee, Delaware Chapter of the American Planning Association

2015 – 2017 Member, Legislative Affairs, Advocacy, Economic Development & Education (LEAD) Committee, Delaware Arts Alliance

UNIVERSITY SERVICE

2017 Chair, Search committee – Policy Scientist, Institute for Public Administration

2016 Chair, Professional policy staff promotion review committee, School of Public Policy and Administration.

Search committee member – Marine Advisory Service Specialist, University of Delaware Sea Grant College Program; Communications Specialist, Institute for Public Administration

2015 Member, Professional policy staff promotion review committee, School of Public Policy and Administration.

2012 Panel moderator, The Role of Land-Grant Universities in the Twenty-First Century, The Morrill Act at 150: The Future of Public Higher Education, University of Illinois at Urbana-Champaign, October 26, 2012.

- 2010 – 2012 President, Doctoral Students in Urban Planning, University of Illinois at Urbana-Champaign.
- 2008 Conference organizing committee, Creating a Livable Delaware: Pathways for Enhancing Prosperity and Quality of Life, University of Delaware, March 25, 2008.
- 2007 Ex officio member, University of Delaware Task Force on Economic Development Initiatives.

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

American Planning Association
Council for Community and Economic Research
Regional Studies Association
Southern Regional Science Association