

Mark C. White, Ph.D.

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Full-Time Work Experience:

Interim Director, Institute of Public Policy
Truman School of Public Affairs
University of Missouri
Columbia, MO
September 2019 to Present

Associate Extension Professor
University of Missouri Extension
University of Missouri
Columbia, MO
September 2018 to Present

Deputy Director
Center for Regional Analysis, George Mason University
Arlington, VA
January 2016 to August 2018

Vice President for Research
Center for Regional Economic Competitiveness, Arlington, VA
December 2010 to December 2015

Research Manager
Center for Regional Economic Competitiveness, Arlington, VA
August 2004 to December 2010

Post-Doctoral Research Fellow
Centre for Innovation and Structural Change, National University of Ireland, Galway
Galway, Ireland
October 2002 to July 2004

Education:

Ph.D., International Studies, Department of Geography and Regional Studies, School of International Studies, University of Miami, December 2002

Dissertation: Tying Down the Global: Producer Services in Dublin, Ireland and the Question of Embeddedness, Department of Geography and Regional Studies, School of International Studies, University of Miami, Coral Gables, Florida, 225 pages.

Ph.D. Coursework, Geography, Department of Geography, Maxwell School of Citizenship and Public Affairs, Syracuse University, 1997-1999

M.A., Geography, Department of Geography, Maxwell School of Citizenship and Public Affairs, Syracuse University, May 1997

B.A., Geography, State University of New York at Plattsburgh, May 1995

Google Scholar: <https://scholar.google.com/citations?user=iCTAGK8AAAAJ&hl=en>

Refereed Papers and Book Chapters:

S. Grimes and M. White. (2005) "The Transition to Internationally Traded Services and Ireland's Emergence as a 'Successful' European Region," *Environment and Planning A*, 37(12): 2169-2188.

M. White. (2005) "Assessing the Role of the International Financial Services Centre in Irish Regional Development," *European Planning Studies*, 13(3): 387-405.

M. White and S. Grimes. (2004) "Placing Ireland's Transition to a Knowledge Economy within a Global Context," chapter in *Regional Economies as Knowledge Laboratories*, Philip Cooke and Andrea Piccaluga (eds.), Cheltenham: Edward Elgar, p. 161-180.

M. White. (2004) "Inward Investment, Firm Embeddedness and Place: An Assessment of Ireland's Multinational Software Sector," *European Urban and Regional Studies*, 11(3): 243-260.

Book Review

Review of Frank McDonald, *The Construction of Dublin*, (Gandon Editions, 2000) in *The Professional Geographer*, 53(2): 302-3.

Professional Reports and Monographs

White, M. and Pham, M. 2019. *The Economic Impacts of the University of Missouri's College of Engineering*. Prepared for the University of Missouri College of Engineering. 8 Pages.

White, M. and Clower, T. 2018. *Promoting Parks and Recreation's Role in Economic Development*. Prepared for the National Recreation and Park Association. 32 Pages.

Clower, T. and White, M. 2018. *Economic Impact of Local Parks*. Prepared for the National Recreation and Park Association. 12 Pages.

White, M., Clower, T., and Shanholtz, S. 2017. *GO Northern Virginia (Region 7) Economic Growth and Diversification Plan*. 81 pages.

Filer, L., Dale, R., McClure, J., White, M., Clower, T., and Shanholtz, S. 2017. *Moving Hampton Roads Forward: GO Virginia Region 5 Growth and Diversification Plan*. 93 Pages.

White, M. 2017. *Assessing Alexandria/Arlington's Regional Labor Market*. Prepared for the Alexandria/Arlington Regional Workforce Council. 52 Pages.

Harpel, E. and White, M. 2017. *Career pathways for middle-skill jobs in the Greater Washington region's leading industry clusters*. 40 Pages.

Clower, T. and White, M. 2017. *The Economic Impacts of the US Pet Industry (2015)*. Prepared for the Pet Industry Joint Advisory Council. 67 pages.

Clower, T. and White, M. 2016. *The Economic Impacts of Virginia's Housing Industry*. Prepared for the Virginia Department of Commerce, Virginia Department of Housing and Community Development, Virginia Housing Development Authority, Housing Policy Advisory Committee. 12 Pages.

White, M. and Arthur, R. 2016. *Addressing Economic Inclusion in Grand Rapids, MI*. Prepared for the W.K. Kellogg Foundation. 46 Pages.

Clower, T. and White, M. 2016. *The Economic Impacts of the Transform 66 Outside the Beltway Project*. Prepared for the Mercator Advisors/ Virginia Department of Transportation. 14 Pages.

Clower, T. and White, M. 2016. *The Economic Impacts of the Fairfax County Park Authority*. Prepared for the Fairfax County Parks Authority. 8 Pages.

Poole, K., Harpel, E., Feser, E., White, M., Carter, P., and Gutschow, S. *Wisconsin Economic Development Corporation Management Review and Recommendations*. Prepared for the Wisconsin Economic Development Corporation. 104 Pages.

White, M. and Conrad, A. 2015. *Mountain West (NC) Community Revitalization Plan*. Prepared for the Southwestern Commission (NC). 44 pages.

White, M., Gutschow, S., Arthur, R. and Poole, K. 2015 *Mapping Key Value Chains for the Greater Charlotte Region's Investing in Manufacturing Communities Partnership*. Prepared for the Centralina Council of Governments. 146 Pages.

White, M. 2014. *Strengthening Regional Relationships to Support Manufacturing: 10 Successful Initiatives*. Prepared for the National Institute for Standards and Technology Hollings Manufacturing Extension Partnership. 71 Pages.

Pages, E., Romitti, M. and White, M. 2014. *Mapping Manufacturing Supply Chains in Northwest Pennsylvania: The Shale Energy and Rail/Transportation Sectors*. Prepared for the U.S. Small Business Administration. 74 Pages.

Sheppard, H. and White, M. 2014. *The Advanced Manufacturing Jobs and Innovation Accelerator Challenge (AMJIAC) Mid-Project Review*. Prepared for the National Institute for Standards and Technology Hollings Manufacturing Extension Partnership. 20 Pages.

Feser, E., Mix, T., White, M. and Poole, K. 2014. *Economic Diversity in Appalachia: Statistics, Strategies, and Guides for Action*. Washington, DC: Appalachian Regional Commission. 71 Pages.

White, M., Poole, K. and Romitti, M. 2013. *Foundations for Regional Economic Analysis: Support for Data-Driven Strategic Economic Planning*. Ontario, Canada: Economic Developers Council of Ontario. 129 Pages.

White, M. and Poole, K. 2013. *Our Manufacturing Future: Findings*. Raleigh, NC: North Carolina Rural Economic Development Center. 50 Pages.

White, M. 2012. *North Carolina's Eastern Region: Regional Cluster Analysis*. Kinston, NC: North Carolina's Eastern Region Partnership. 40 Pages.

White, M., Poole, K., and Feser, E. 2012. *Training Guidebook for Creating Regional Co-opetition: A Data-driven Approach to Strategic Economic Planning*. Ontario, Canada: Economic Developers Council of Ontario. 136 Pages.

White, M., Poole, K. and McCormack, T. 2011. *Chatham-Kent Labour Market Report*. Chatham, Ontario: Chatham-Kent Workforce Planning Board. 58 pages.

White, M., Poole, K. and Sun, W. 2011. *The Unifour's Transforming Furniture Industry: Key Challenges and Opportunities*. Hickory, NC: Catawba Valley Community College. 16 Pages.

White, M., Poole, K. and Metcalf, J. 2011 *State of the North Carolina Workforce Report*. Raleigh, NC: North Carolina Commission on Workforce Development. 115 Pages.

White, M., Poole, K. and Sun, W. 2010. *Leveraging the Labor Force for Economic Growth: Assessing the Nashville Economic Market Area's Readiness for Work after the Recession*. Nashville, TN: Nashville Area Chamber of Commerce. 83 Pages.

Pages, E. White, M. and Curtis, B. 2010. *SEVA-PORT Innovation Index: Tracking Progress in Southeastern Virginia*. Norfolk, VA: Southeastern Virginia Partnership for Regional Transformation. 62 Pages.

McCormack, T., Poole, K. and M. White. 2009. *Sarnia Lambton Labour Market Analysis*. Sarnia, Ontario: Sarnia Lambton Workforce Development Board. 76 Pages.

White, M. and B. Curtis. 2009. *Siouxland Labor Force: Education and Training Assets*. Sioux City, IA: Tri-State Regional Innovation Project. 67 Pages.

White M. and D. Conrad. 2008. *Cedar Valley Region Industry Employment Trends and Projections Analysis*. Waterloo, IA: Cedar Valley Alliance. 38 Pages.

White M. and D. Conrad. 2008. *Cedar Valley Region Educational Asset Map and Career Audit*. Waterloo, IA: Cedar Valley Alliance. 33 Pages.

Poole, K. and M. White. 2008. *Defense and Homeland Security Industry Clusters and Targets*, Fayetteville, NC: BRAC Regional Task Force. 59 Pages.

White, M. and E. Harpel. 2008. *Life Sciences Initiatives: Process and Progress in Midwest Regions*, Detroit, MI: Detroit Renaissance. 49 Pages.

Poole, K., White, M. and E. Feser. 2008. *Innovation and Technology in Hawaii: An Economic and Workforce Profile*. Honolulu, HI: Hawaii Science and Technology Council. 64 Pages.

White, M. and K. Poole. 2008. *An Update to the Isothermal Planning Region's Comprehensive Economic Development Strategy*. Rutherfordton, NC: Isothermal Planning and Development Commission. 43 Pages.

Poole, K., White, M. and S. Cheney. 2008. *Higher Expectations: A Workforce Development Strategy for Racine County*. Racine, WI: Racine Workforce Development Board. 57 Pages.

White, M. and K. Poole. 2007. *Labor Market Opportunities in the Nashville Economic Market Area: An Assessment of the Region's Labor Force Demand and Supply*. Nashville, TN: Nashville Area Chamber of Commerce. 79 Pages.

White, M., Harpel, E., Salem, P. and K. Poole. 2007. *Organizing for Economic Development: Lessons from Leading Life Sciences Regions*. Detroit, MI: Detroit Renaissance. 66 Pages.

Poole, K., White, M. and J. Metcalf. 2007. *Bridging the Red River: A Regional Economic Strategy for the Texoma Regional Consortium*. Sherman, TX: Texoma Regional Consortium. 76 Pages.

Poole, K., White, M., Tordella, S. and P. Salem. 2007. *Counting on Arizona's Future: A Report to the Arizona Data Estimates and Projections Task Force*. Phoenix, AZ: Arizona Department of Commerce. 68 Pages.

White, M., Poole, K., Metcalf, J. and T. Dunn. 2007. *North Carolina State of the Workforce: An Assessment of the State's Labor Force Demand and Supply*. Raleigh, NC: The North Carolina Commission on Workforce Development. 85 Pages.

Poole, K., Salem, P., White, M., McClain, J. and S. Fuller. 2007. *Assessing the Impact of BRAC in the Northern Virginia Workforce Investment Board Region*. Fairfax, VA: Northern Virginia Workforce Investment Board. 95 Pages.

Poole, K., White, M., Klein, E., Salem, P., Allardyce, J. and E. Feser. 2006. *A Vision Plan for North Carolina's Eastern Region*. Kinston, NC: North Carolina's Eastern Region. 61 Pages.

Poole, K., Salem, P. and M. White. 2006. *Harnessing the Arizona Sun: Economic Growth Opportunities and Workforce Preparation Needs for the Solar Energy Industries*. Phoenix, AZ: Arizona Department of Commerce. 60 Pages.

White, M. and K. Poole. 2005. *A Comprehensive Economic Development Strategy for the Isothermal Planning Region*. Rutherfordton, NC: Isothermal Planning and Development Commission. 32 Pages.

Poole, K., Salem, P. and M. White. 2004. *A Workforce Needs Assessment of the Arizona Construction Trades Industry*. Phoenix, AZ: Arizona Department of Commerce. 47 Pages.

Poole, K., Shulman, R., White, M. and R. Fuse-Hall. 2005. *A Strategic Workforce Development Plan for Durham, North Carolina*. Durham, NC: Durham Workforce Development Board. 93 Pages.

Working Papers

White, M., Arnette, K., and Spell, A. 'Missouri's Veterans: A Demographic and Workforce Overview', University of Missouri Extension, February 2019. Available at: <https://extension2.missouri.edu/mx51>

White, M. and Shanholtz, S. 'Foreign-born, non-citizen workers in the Greater Washington Area', George Mason University Center for Regional Analysis, May 2018. Available at: <http://cra.gmu.edu/wp-content/uploads/2018/05/Foreign-born-Non-citizen-workers-FINAL.pdf>

Gilchrist, L., White, M. and Poole, K. 'US Manufacturing Jobs: Where Companies are Hiring', Center for Regional Economic Competitiveness, November 2011.

Hoechtberger, K., White, M. and Grimes, S. 'The Evolution of Multinational Computer Services Affiliates in Ireland,' CISC Working Paper No. 13., 2004

White, M., 'The Role of Dublin's International Financial Services Centre in Irish Regional Development', CISC Working Paper No. 3., 2003

White, M., 'Inward Investment, Firm Embeddedness and Place: An Assessment of Ireland's Multinational Software Sector', CISC Working Paper No. 1., 2003

Invited Presentations and Seminars

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| Sept. 2019 | Tools and Resources for Answering Missouri's Pressing Community and Economic Questions, 2019 Governor's Conference on Economic Development, St. Charles, MO. |
| April 2019 | St. Louis Area Economic Performance, St. Louis Labor Law Breakfast, St. Louis, MO. |
| Feb. 2019 | Challenges and Opportunities for Taney County's Workforce, 2019 Taney County Community Workforce Summit, Branson, MO. |
| June 2018 | The contributions of foreign-born, non-citizen workers to the Washington region's workforce, Alexandria-Arlington Regional Workforce Council, Arlington, VA. |
| June 2018 | Washington Area Economy: Performance and Outlook, Arlington Economic Development Commission, Arlington, VA. |
| May 2018 | Promoting Parks and Recreation's Role in Economic Development, National Recreation and Park Association, Oklahoma City, OK. |

- April 2018 Washington Area Economy: Performance and Outlook, Greater Washington Association of Financial Professionals, Washington, DC.
- Nov. 2017 Stafford County Government Economic Forum, Stafford County Government, Stafford County, VA.
- April 2017 Career pathways for middle-skill jobs in the Greater Washington region's leading industry clusters, Metro Washington Council of Governments, Washington, DC.
- March 2017 Washington Area Economy: Performance and Outlook, Greater Washington Association of Financial Professionals, Bethesda, MD.
- March 2017 Assessing Alexandria-Arlington's Regional Labor Market, Alexandria-Arlington Regional Workforce Council, Arlington, VA.
- Dec. 2016 State of the Northern Virginia Economy, Virginia Chamber of Commerce, Old Dominion University, Fairfax, VA.
- Nov. 2016 Addressing Economic Inclusion in Grand Rapids, Spectrum Health Foundation, Grand Rapids, MI.
- Nov. 2016 Stafford County Government Economic Forum, Stafford County Government, Stafford County, VA.
- July 2016 Addressing Economic Inclusion in Grand Rapids, Grand Rapids City Commission, Grand Rapids, MI.
- July 2016 Washington Area Economy: Performance and Outlook, Lead Virginia, Washington, DC.
- April 2016 The Economic Impact of the Fairfax County Parks Authority, Fairfax County Parks Authority, Fairfax, VA
- Feb. 2016 Washington Area Economy: Performance and Outlook, Greater Washington Association of Financial Professionals, Vienna, VA.
- April 2015 Economic Diversity and Entrepreneurship in Rural Economic Development, National Association of Counties, Innovation Challenge for Coal Impacted Communities, Pikeville, KY.
- April 2015 Mapping Manufacturing Supply Chains: Tools for Analysis and Business Development, Pennsylvania Economic Development Association, Spring Conference, Harrisburg, PA.
- May 2014 Preparing for a More Diverse Economy, National Association of Counties, Western Interstate Region Conference, Anchorage, AK.

- March 2014 Economic Diversity in Appalachia, with Ken Poole, Development Districts Association of Appalachia Annual Conference, Arlington, VA.
- May 2012 Understanding Your Regional Manufacturing Economy, with Ken Poole, NIST Manufacturing Extension Partnership Annual Conference, Orlando, FL.
- Oct. 2009 Applications of Local Employment Dynamics in Labor Market Information, with Jeremy Wu, Webinar for the Labor Market Information Training Institute, Arlington, VA.
- Sept. 2009 Using Business Employment Dynamics and Local Employment Dynamics Data, Association of Public Data Users, Brookings Institution, Washington, DC.
- Feb. 2009 Building New Foundations: Making the Case for a Data-driven Approach to Regional Economic Development, with Edward Feser, Economic Development Council of Ontario, Toronto, Ontario.
- Oct. 2008 Building New Foundations: Making the Case for a Data-driven Approach to Regional Economic Development, Annual Conference of the New England Association of Regional Councils, Northampton, MA.
- Sept. 2008 Measuring Regional Innovation, Fifth Annual Conference of the Technopolicy Network, Halifax, Nova Scotia.
- March 2004 Inward Investment, Firm Embeddedness and Place: an assessment of Ireland's multinational software sector, Department of Geography, National University of Ireland-Galway, Galway, Ireland.

Academic Conference Presentations

- Sept. 2003 'Globalising the Periphery: Ireland's Emergence as a 'Successful' European Region' with Seamus Grimes, Institute of British Geographers-Royal Geographical Society, London, United Kingdom
- April 2003 'The Sustainability of Ireland's Knowledge Economy' with Seamus Grimes, Regional Studies Association, Pisa, Italy
- March 2001 'Where is the Celtic Tiger? An examination of two 'hot spots' in the Irish Economy', Annual Meeting of the Association of American Geographers, New York, NY
- March 1998 'Celtic Tiger or Paper Tiger? The Republic of Ireland in the Global Economy', Annual Meeting of the Association of American Geographers, Boston, MA
- Oct. 1997 'Milestone or Myth? Rethinking the Truman Doctrine', Association of American Geographers Middle States Regional Division Meeting, Buffalo, NY

Teaching and Training Experience

- June 2019 Analyzing Sector Skill Needs, with Allison Forbes, One-day workshop, Council for Community and Economic Research, St. Louis, MO.
- May 2019 Understanding your workforce: Using publically available data to answer key labor market questions, half-day workshop, University of Missouri Extension, Kirksville, MO.
- June 2018 Developing Workforce Studies, with Robert Sharak, One-day workshop, Council for Community and Economic Research, Atlanta, GA.
- June 2017 Developing Workforce Studies, with Robert Sharak, Half-day workshop, Council for Community and Economic Research, Denver, CO.
- Sept. 2014 Applied Labor Market Information Analyst Training, with Nick Beleiciks, two and a half-day workshop, Labor Market Information Training Institute, Montgomery, AL.
- Nov. 2013 Foundations of Applied Economic Development Research, with Alan Spell and Stephanie McGarrah, three-day workshop, Council for Community and Economic Research, St. Louis, MO.
- May 2013 Basic Analysis of Labor Market Information, with Martin Romitti and Jacqueline Keener, two-day workshop, Labor Market Information Training Institute, Raleigh, NC.
- March 2013 Developing Industry Clusters and Occupational Targets in California Regions, with Ken Poole and Wen Sun, four-day workshop, Labor Market Information Institute, Sacramento, CA.
- Sept. 2012 Basic Analysis of Labor Market Information, with Joe Ward and Jacqueline Keener, two-day workshop, Labor Market Information Training Institute, Charlotte, NC.
- June 2012 Using Real-time Labor Market Information in Research, with Ron Kelly, one-day workshop, Council for Community and Economic Research, Oklahoma City, OK.
- May 2012 Labor Market Information for Economic and Workforce Developers, with Drew Conrad, 4 one-day workshops, Labor Market Information Training Institute, Birmingham and Montgomery, AL.
- Mar-May 2012 Data User Training for Statistical Agencies, with multiple co-instructors, 7 two-day workshops, Data Dissemination Group (US Census Bureau, US Bureau of Labor Statistics, US Bureau of Economic Analysis, Economic Statistics Administration), Suitland, MD.

- Oct-Nov 2011 Creating Regional Co-opetition: A Data-Driven Approach to Strategic Economic Planning, with Ken Poole, 4 two-day workshops, Economic Developers Council of Ontario, Thunder Bay, Sudbury, Kingston, and London, Ontario, Canada.
- June 2011 Applied Labor Market Information Analyst Training, with Drew Conrad, two-day workshop, Labor Market Information Training Institute, San Francisco, CA.
- February 2011 Basic Labor Market Information Analyst Training, with Drew Conrad and Larry Less, two-day workshop, Labor Market Information Training Institute, New Orleans, LA.
- Oct. 2010 Applied Labor Market Information Analyst Training, with Drew Conrad, three-day workshop, Labor Market Information Training Institute, Portland, OR.
- August 2010 Getting a Grip on Green: Answering the Critical LMI Questions, with Edward Feser and Jerry Paytas, two-day workshop, Labor Market Information Training Institute, Des Moines, IA.
- March 2010 Applied Analysis of Workforce Data for Local Policymakers, with Drew Conrad, one-day workshop, Labor Market Information Training Institute, Kansas City, MO.
- Feb. 2010 Applied Analysis of Workforce Data for Local Policymakers, with Drew Conrad, one-day workshop, Labor Market Information Training Institute, Sacramento, CA.
- August 2009 Advanced Workforce Development Data for Economic Developers, with Drew Conrad, one-day workshop, Council for Community and Economic Research, Chicago, IL.
- May 2008 Building New Foundations: Formulating Data-Driven Regional Development Strategies, with Edward Feser, 4 hour workshop, Chicago Region Annual Conference, U.S. Economic Development Administration, Cleveland, OH.
- April 2008 Building New Foundations: Formulating Data-Driven Regional Economic Strategies, with Erik Pages and Tom Tveidt, Advantage West Economic Development Group and Appalachian Regional Development Institute, two-day training session, Boone, NC.
- Feb. 2008 Building New Foundations for Data-Driven Regional Economic Strategy: Integrating Workforce and Economic Development Planning, with Ken Poole, Scott Cheney, Edward Feser and Tom Tveidt, two-day workshop, Forum 2008, National Association of Workforce Boards, Washington, DC.
- Feb. 2008 Understanding the Technology and Innovation Economy: Setting a Research Agenda for Hawaii, with Ken Poole and Edward Feser, Hawaii Science and Technology Council, Honolulu, HI.

- Oct. 2007 Assessing Your Workforce Advantage, with Drew Conrad, one-day workshop, Council for Community and Economic Research, Arlington, VA.

- July 2007 Know Your Region: a Template for Future Prosperity, with Ken Poole, Arnold Packer, Edward Feser and Tom Tveidt, two-day workshop, sponsored by the US Economic Development Administration, Arlington, VA.

- Dec. 2006 Be Prepared: How to Win Projects & Influence Prospect Decisions, with Ken Poole, 4 hour workshop, Mid-American Economic Development Council Annual Conference, Chicago, IL.

- June 2005 Assessing Your Workforce Advantage, with Drew Conrad, one-day workshop, ACCRA Annual Conference, San Diego, CA.

- Fall 2001 Instructor, World Regional Geography, Department of Geography and Regional Studies, University of Miami, Coral Gables, FL.

- Spring 1999 Teaching Assistant, World Regional Geography, three weekly recitation sections, Department of Geography, Syracuse University, Syracuse, NY.

- Fall 1998 Teaching Assistant, World Regional Geography, three weekly recitation sections, Department of Geography, Syracuse University, Syracuse, NY.

- Spring 1998 Teaching Assistant, Population and Environment, three weekly recitation sections, Department of Geography, Syracuse University, Syracuse, NY.

- Fall 1997 Teaching Assistant, Environmental Pollution and Policy, three weekly recitation sections, Department of Geography, Syracuse University, Syracuse, NY.

- Spring 1997 Teaching Assistant, World Economic Geography, Department of Geography, Syracuse University, Syracuse, NY.

Technical Assistance Projects

Workforce Needs Assessment for Missouri’s Agriculture and Forestry Workforce, Missouri Agricultural Small Business Development Authority (Jefferson City, MO). 2019-2020.

Building Workforce Capacity in Jefferson and Franklin Counties, Jefferson/Franklin Consortium (Arnold, MO). 2019-2020.

Calculating Return on Investment for GO Virginia Competitive Grant Proposals, with T. Clower. Virginia Department of Housing and Community Development (Richmond, VA). 2018.

The Economic Contributions of Parks and Recreation and Their Role in Economic Development, with T. Clower, National Recreation and Park Association (Ashburn, VA), 2017-2018.

GO Virginia Region 7 Growth and Diversification Plan, with T. Clower, and S. Shanholtz. Region 7 GO Virginia Regional Council (Annandale, VA). 2017.

GO Virginia Region 5 Growth and Diversification Plan, with L. Filer, R. Dale, J. McClure, T. Clower, and S. Shanholtz. Region 5 GO Virginia Regional Council (Norfolk, VA). 2017.

Baseline Measures for GO Virginia Regions, with S. Shanholtz. Virginia Department of Housing and Community Development (Richmond, VA). 2017.

The Economic Impacts of the US Solar Industry, with T. Clower and S. Shanholtz. The Solar Foundation (Washington, DC). 2017.

Career Pathways for Middle-skill Jobs in the Greater Washington region's leading industry clusters, with E. Harpel. The 2030 Group (Washington, DC). 2016-2017.

The Economic Impacts of the US Pet Industry, with T. Clower. Pet Industry Joint Advisory Council. (Alexandria, VA), 2016-2017.

Economic Impact Analysis of the Virginia's Housing Industry, with T. Clower. Virginia Department of Commerce, Virginia Department of Housing and Community Development, Virginia Housing Development Authority, Housing Policy Advisory Committee (Richmond, VA), 2015-2016.

Addressing Economic Inclusion in Grand Rapids, with R. Arthur. W.K. Kellogg Foundation (Battle Creek, MI). 2015-2016.

Economic Impact Analysis of the Transform 66 Outside the Beltway Project. With T. Clower. Mercator Advisors/ Virginia Department of Transportation. 2015-2016.

Economic Impact Analysis of the Fairfax County Park Authority. With T. Clower. Fairfax County Parks Authority. (Fairfax, VA), 2015-2016.

Wisconsin Economic Development Corporation Management Review and Recommendations. With Poole, K., Harpel, E., and Feser, E. Wisconsin Economic Development Corporation (Madison, WI). 2015-2016.

Drafting a Community Revitalization Plan for the Mountain West region, with Andrew Conrad. Southwestern Commission (Sylva, NC), 2015.

Creating a Supply Chain and Value System Mapping Analysis of the Global Charlotte Manufacturing Consortium Ecosystem, with Sarah Gutschow, Ken Poole and Randall Arthur Centralina Council of Governments (Charlotte, NC), 2014-2015.

Examining the 50 Year Impact of the Appalachian Regional Commission, with Martin Romitti, Randall Jackson, John Deskins and Ken Poole, Appalachian Regional Commission (Washington, DC), 2014-2015.

Developing Web-based Labor Market and Work Skills Information Tools, with Ken Poole, Erol Yildirim, William Cook and Haden Springer. Henry Ford Community College (Dearborn, MI), 2014-2016.

Business Incentives Policy and Practice Initiative, The Pew Charitable Trusts in partnership with CREC. (Washington, D.C.), 2013-2015.

Building stronger sub-state regional relationships to support manufacturing, NIST Hollings Manufacturing Extension Partnership (Gaithersburg, MD), 2013-2014.

Advanced Manufacturing Jobs and Innovation Accelerator Challenge Grant, mid-project review, NIST Hollings Manufacturing Extension Partnership (Gaithersburg, MD), 2014.

Diversifying Appalachia: Metrics, Tools, Strategies & Guides, with Edward Feser, Troy Mix and Ken Poole, Appalachian Regional Commission (Washington, DC), 2013-2014.

Regional Research Project: Foundational Research Techniques to Support Regional Planning, with Ken Poole, and Martin Romitti, Economic Developers Council of Ontario (Ontario, Canada), 2012-2013.

Analysis of Rural Manufacturing in North Carolina, with Ken Poole and Erik Pages, North Carolina Rural Economic Development Center (Raleigh, NC), 2012.

Data User Training and Statistical Product Development, with Ken Poole, Lauren Gilchrist and Dean Frutiger, Data Dissemination Group of the US Census Bureau, US Bureau of Labor Statistics, US Bureau of Economic Analysis, and US Economic Statistics Administration (Washington, DC), 2012.

Industry Cluster Analysis for the Upper Coastal Plain (NC), Upper Coastal Plain Council of Governments (Wilson, NC), 2012.

Industry Cluster Analysis for North Carolina's Eastern Region, North Carolina's Eastern Region Economic Development Partnership (Kinston, NC), 2012.

Outreach to State Policymakers, with Ken Poole and Wen Sun, National Institute of Standards and Technology, Manufacturing Extension Partnership (Gaithersburg, MD), 2008-2012.

"Making our Future: Encouraging Growth Opportunities in Manufacturing through Innovation, Entrepreneurship and Investment", National Governors Association Policy Academy, (Focus on Illinois with Dan Berglund), 2011-2012.

Georgia Work Ready Regions, Georgia Governor's Office of Workforce Development (Atlanta, GA), 2008-2011.

Regional Research Project: Informing Regional Strategy Development and Skill Building for Strategic Planning, with Ken Poole, Ed Feser and Kevin McAvey, Economic Developers Council of Ontario (Ontario, Canada), 2011.

Developing the Future Workforce of Chatham-Kent, Ontario, With Ken Poole and Tom McCormack, Chatham-Kent Workforce Planning Board (Chatham, Ontario, Canada), 2011.

Assessment of the Furniture Manufacturing Industry in the Hickory, NC metro area, with Ken Poole and Wen Sun, Catawba Valley Community College (Hickory, NC), 2011.

North Carolina State of the Workforce Report, with Ken Poole and John Metcalf, North Carolina's Commission on Workforce Development (Raleigh, NC), 2011.

Supporting the Implementation of a Regional Workforce Strategy, with Ken Poole and Wen Sun, Future Forward Workforce Alliance of Western North Carolina, 2010.

Nashville Area Labor Market Opportunities Study, with Ken Poole, Nashville Area Chamber of Commerce (Nashville, TN), 2010.

Labor Market Studies for Michigan, Mississippi, and New Mexico, with Brandon Curtis, Workforce Strategy Center/W.E. Kellogg Foundation, 2010.

Southeastern Virginia Partnership for Regional Transformation (SEVA-PORT) Innovation Index, Hampton Roads Workforce Development Board (Norfolk, VA), with Erik Pages and Brandon Curtis, 2010.

Regional Economic Growth Strategy for the Texoma Regional Consortium (OK-TX), Southern Workforce Board and the Center for Regional Economic Development at Southeastern Oklahoma State University (Durant, OK), with Ken Poole and Drew Conrad, 2009-2010.

Sarnia Lambton's Labor Market Partnership Project, Sarnia Lambton Workforce Development Board (Ontario, Canada), with Tom McCormack and Ken Poole, 2009-2010.

Siouxland Tri-State Regional Innovation Strategy, Tri-State Regional Innovation Project (Sioux City, IA), with Ken Poole, Drew Conrad, and Don Chaplain, 2009.

Southeast Michigan Life Sciences Strategy, Detroit Renaissance and The New Economy Initiative (Detroit, MI), with Ellen Harpel, 2009.

Developing a Workforce Strategy for the Cedar Valley Region, Cedar Valley Alliance (Waterloo, IA), with Drew Conrad, Don Chaplain and Ken Poole, 2008-2009.

Assessing Economic and Workforce Trends in the Fort Bragg BRAC Region, BRAC Regional Task Force (Fayetteville, NC), with Wayne Freeman and Ken Poole, 2008-2009.

Comparison of Midwestern Metropolitan Life Sciences Initiatives, Detroit Renaissance (Detroit, MI), with Ellen Harpel, 2008.

Conducting an Economic and Workforce Profile of Hawaii's Technology and Innovation Industries, Hawaii Science and Technology Council (Honolulu, HI), with Ken Poole and Ed Feser, 2008.

Isothermal Comprehensive Economic Development Strategy Update, Isothermal Planning and Development Commission (Rutherfordton, NC), with Ken Poole, 2008.

Formalizing the Future Forward Workforce Alliance, A Partnership of Three Workforce Development Boards and a Regional Economic Development Partnership, High Country Workforce Development Board (Boone, NC), with Ken Poole, 2007-2008.

Developing a Workforce Strategy for Racine County, Racine Workforce Development Board (Racine, WI), with Ken Poole and Scott Cheney, 2007-2008.

Labor Market Opportunities Study of the Nashville Economic Market Area, Nashville Area Chamber of Commerce (Nashville, TN), with Ken Poole, 2007.

Comparison of Metropolitan Life Sciences Initiatives, Detroit Renaissance (Detroit, MI), with Ellen Harpel, Ken Poole and Pofen Salem, 2007.

Regionalism and Clusters for Local Development, Economic Development Administration, with Fujia Lu, Ed Feser, Ken Poole and Tom Tveidt, 2006-2007.

Texoma Regional Consortium Cluster Study & Strategic Plan. Texoma Regional Consortium (Sherman, TX), with Ken Poole and John Metcalf, 2006-2007.

Counting on Arizona's Future: A Report to the Arizona Data Estimates and Population Task Force, Arizona Department of Commerce (Phoenix, AZ), with Ken Poole, Steven Tordella and Pofen Salem, 2006-2007.

NC State of the Workforce Study and Policy Development Process, The North Carolina Commission on Workforce Development (Raleigh, NC), with John Metcalf and Ken Poole, 2006-2007.

Base Realignment and Closures in Northern Virginia, Northern Virginia Workforce Investment Board, with Ken Poole, Pofen Salem, John McClain, and Steve Fuller, 2006-2007.

Vision Plan for North Carolina's Eastern Region, North Carolina's Eastern Region (Kinston, NC), with Ken Poole and Eva Klein, 2005-2006.

A Finance Roadmap for Moving Arizona Forward: Financing Needs and Resources, Arizona Department of Commerce (Phoenix, AZ), with Ken Poole, Pofen Salem, Toby Rittner, and Pat Schroeder, 2005-2006.

Harnessing the Arizona Sun: A Solar Energy Industry Cluster Study, Arizona Department of Commerce (Phoenix, AZ), with Ken Poole and Pofen Salem, 2005.

Isothermal Comprehensive Economic Development Strategy, Isothermal Planning and Development Commission (Rutherfordton, NC), with Ken Poole, 2005.

Construction Trades Labor Study, Arizona Department of Commerce (Phoenix, AZ), with Ken Poole and Pofen Salem, 2004-2005.

Durham Workforce Development Strategy, Durham Workforce Development Board (Durham, NC), with Ken Poole, Roberta Shulman and Rosalind Fuse-Hall, 2004-2005.

Future Forward Comprehensive Economic Development Strategy Implementation, Future Forward Economic Alliance (Hickory, NC), with Ken Poole, 2004-2009.

Academic Awards and Grants

- | | |
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| 2000-2002 | Doctoral Dissertation Research Improvement Grant, National Science Foundation (USA), Geography and Regional Science Division |
| 1999 | Summer Fellowship, Department of Geography, Syracuse University |
| 1999 | Roscoe-Martin Award, Maxwell School of Citizenship and Public Affairs, Syracuse University |
| 1998 | Graduate School Creative Grant Award, Syracuse University |
| 1998 | Supplemental Research Grant, Department of Geography, Syracuse University |

Professional References

Available upon request.