

# RANDALL JACKSON

## CURRICULUM VITAE

January, 2020

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Home Page:  
<http://www.rri.wvu.edu/vita/jackson.htm>

### CURRENT ACADEMIC APPOINTMENTS:

Director, Regional Research Institute, West Virginia University  
Professor, Geology and Geography Department, West Virginia University  
Adjunct Professor, Geography Department, The Ohio State University  
Adjunct Professor, Economics Department, West Virginia University  
Adjunct Professor, Division of Resource Management, West Virginia University

### EDUCATION:

Ph.D. (1983) Department of Geography, University of Illinois-Urbana  
M.S. (1980) Department of Geography, University of Illinois-Urbana  
B.S. (1976) Department of Geography, University of Utah

### PRIOR PROFESSIONAL APPOINTMENTS:

Adjunct Professor, Economics  
University of Pittsburgh, 2003 - 2010

Associate Professor, Geography  
Ohio State University, 1989 – 2001

Associate Director for Research Computing  
Office of Academic Computing  
Ohio State University, 1989 – 1991

Assistant Professor of Geography  
The Ohio State University, 1986 – 1989

Assistant Professor of Geography  
Northern Illinois University, 1983 – 1986

Research Associate  
Center for Governmental Studies  
Northern Illinois University, 1983 – 1986

## RESEARCH PUBLICATIONS AND ACTIVITIES

### REFEREED JOURNAL ARTICLES, BOOK CHAPTERS, BOOKS

- 2020 Araújo I, WM Bowen, RW Jackson and A Neto. (2020 forthcoming). Proximate Causes of Worldwide Mega-Regional CO2 Emission Changes, 1995—2009. Development Studies in Regional Science: Essays in Honor of Kingsley E. Haynes. Z Chen, WM Bowen and D Whittington, Editors. Springer.
- 2019 Cohen, JJ, L Elbakidze, and RW Jackson. Solar bait: How states attract solar investments for large corporations. *The Energy Journal*. 41(2):139-162. [10.5547/01956574.41.2.jcoh](https://doi.org/10.5547/01956574.41.2.jcoh) 2019.
- Jackson RW, AB Ferreira Neto, E Erfanian, and P Járosi. Woody Biomass Processing and Rural Regional Development. *Economic Development Quarterly*. 33(3) pages 234-247.
- 2018 Jackson RW, AB Ferreira Neto, and E Erfanian. Woody biomass processing: Potential economic impacts on rural regions. *Energy Policy*. Volume 115, pages 66-77.
- Chen Jing and Randall Jackson. Co-authorship in Regional Science: A Case Study of the WVU RRI Research Community. *International Regional Science Review*. Vol. 41(4) pages 387-409. DOI: [10.1177/0160017617719124](https://doi.org/10.1177/0160017617719124).
- 2017 Sayago-Gomez JT, G Piras, RW Jackson, and D Lacombe. Impact Evaluation of Investments in the Appalachian Region: A Reappraisal, *International Regional Science Review*. DOI: [10.1177/0160017617713822](https://doi.org/10.1177/0160017617713822).
- Jackson RW, S Rey, and P Járosi. Object Orientation, Open Regional Science, and Cumulative Knowledge Building. Regional Research Frontiers: Vol 2 – Methodological Advances, Regional Systems Modeling and Open Sciences. R. Jackson and P. Schaeffer (Eds). Springer International Publishing AG 2017. Chapter 16, pages 259-282.
- Jackson, RW and PV Schaeffer (Eds). Regional Research Frontiers: Vol 1 – Innovations, Regional Growth and Migration. Springer International Publishing AG 2017. 346 pages.
- Jackson, RW and PV Schaeffer (Eds). Regional Research Frontiers: Vol 2 – Methodological Advances, Regional Systems Modeling and Open Sciences. Springer International Publishing AG 2017. 306 pages.
- 2016 Zhao X and RW Jackson. China's Inter-Regional Trade of Virtual Water: A Multi-Regional Input-Output Table Based Analysis. *Water Economics and Policy*. Volume 2, Number 2.
- 2015 Jackson RW. Are Industry Clusters and Diversity Strange Bedfellows? *The Review of Regional Studies*. Volume 45, pages 113-129.
- Burnett JW, RW Jackson and R Blobaum. The State of Play in Poland's Unconventional Shale and Oil Development. *Development Policy Review*. Volume 33, Number 4, pages 395-414.
- Jackson RW, CD Court and H Ghadimi. Linking Environment and Economic Frameworks to Model Technology Transitions. *Handbook of Research Methods and Applications in Environmental Studies*. Matthias Ruth (Ed). Edward Elgar Publishing. Chapter 13, pages 299-326.
- 2014 Jackson RW and CD Court. Embedding New Technologies and Extending Time Horizons in Input-Output Analysis. *Econometric Methods for Analyzing Economic Development*, Edited by PV Schaeffer and E Koussai. IGI Global, Hershey PA. Chapter 12, pages 192-204.

- West GR and RW Jackson. Simulating Impacts on Regional Economies: A Modelling Alternative. *Econometric Methods for Analyzing Economic Development*. Edited by PV Schaeffer and E Kouassi. IGI Global, Hershey PA. Chapter 9, pages 132-152.
- 2013 Cooper J, RW Jackson and NG Leigh. Computational Structure for Linking Life Cycle Assessment and Input-Output Modeling: A Case Study on Urban Recycling and Remanufacturing. In Giarattani F, G Hewings and P McCann. (eds.) *Handbook of Industry Studies and Economic Geography*, Edward Elgar: Cheltenham.
- Court CD, RW Jackson and N White. The Role of Regional Science in Shale Energy Development, *The Review of Regional Studies*. Volume 42, pages 99-105.
- Mulligan G, RW Jackson and A Krugh. Economic Base Multipliers: A Comparison of ACDS and IMPLAN. *Regional Science Policy and Practice*. Volume 5, pages 289-303.
- Schaeffer PV, MS Kahsai and RW Jackson. Beyond the Urban-Rural Dichotomy. *International Regional Science Review*. Volume 36, Number 1, pages 81-96.
- 2012 Gebremariam GH, TG Gebremedhin, PV Schaeffer, TT Phipps, and RW Jackson. Employment, Income, Migration and Public Services: A Simultaneous Spatial Panel Data Model of Regional Growth. *Papers in Regional Science*. Volume 91, Number 2, pages 275-297.
- Hailu YG, M Kahsai, T Gebremedhin, RW Jackson. Is Income Inequality Endogenous in Regional Growth, *Journal of Income Distribution*. Volume 20, Number 3-4, pages 43-56.
- Schaeffer PV, RW Jackson, and JO Bukenya. Regional Science Reconsidered, *The Review of Regional Studies*. Volume 41, pages 161-177.
- 2011 Choi T, RW Jackson, NG Leigh, and CD Jensen. A Baseline Input-Output Model with Environmental Accounts (IOEA) Applied to E-waste Recycling. *International Regional Science Review*. Volume 34, Number 1, pages 3-33.
- Gebremariam GH, TG Gebremedhin, PV Schaeffer, RW Jackson, and TT Phipps. "A Spatial Model of Regional Variations in Employment Growth in Appalachia." *Région et Développement*. Number 33, pages 73-96.
- Jackson RW. Knowns, Unknowns, and Impacts. *Review of Regional Studies*. Volume 41, pages 5-11.
- Jackson RW. Revisiting the Equity-Efficiency Tradeoff. *Regional Science Policy and Practice*. Volume 3, Issue 4, pages 421-425.
- Jackson RW and WR Schwarm. "Accounting Foundations for Interregional Commodity-by-Industry Input-Output Models." *Letters in Spatial and Resource Sciences*. Volume 4, Number 3, pages 187-196.
- Yohannes GH, MS Kahsai, TG Gebremedhin and RW Jackson. Is Income Inequality Endogenous in Regional Growth. *Journal of Income Distribution*, 20(3-4). 2011.
- Yu J and RW Jackson. Regional Innovation Clusters: A Critical Review. *Growth and Change*, Volume 42, Number 2, pages 111-124.
- 2010 Jackson RW, A Krugh, and B LaShier. *National and State Economic Impact of NETL*. DOE/NETL-402/100209. <http://netl.doe.gov/research/energy-analysis/publications/details?pub=bb67464e-2e84-4037-b29e-5c826a755a9b>

- 2009 Cheng S, R Stough, and RW Jackson. Measuring and Building High-quality Entrepreneurship. *Innovation: The European Journal of Social Science Research*, Number 22, Volume 3, pages 329-340.
- Hailu YG, TG Gebremedhin and RW Jackson. A Regional Economic Analysis of the Links between Income Inequality and Economic Growth: Evidence from West Virginia Data. *Journal of Income Distribution*, Volume 18, Number 1, pages 130-145.
- Jackson RW and KE Haynes. Shift-Share Analysis. In *International Encyclopedia of Human Geography*, Volume 10, pages 125-131, eds. N Thrift and R Kitchin, Elsevier.
- 2008 Giarratani F, G Gruver and RW Jackson. Rejoinder to SD Kominers Comment on Clusters, Agglomeration, and Economic Development Potential: Empirical Evidence Based on the Advent of Slab Casting by U. S. Steel Minimills. *Economic Development Quarterly*, Volume 22, Number 3, page 267.
- 2007 Giarratani F, G Gruver and RW Jackson. Clusters, Agglomeration, and Economic Development Potential: Empirical Evidence Based on the Advent of Slab Casting by U. S. Steel Minimills. *Economic Development Quarterly*, Volume 21, Number 2, pages 148-164.
- 2006 Giarratani F, G Gruver and RW Jackson. Plant Location and the Advent of Slab Casting by U. S. Steel Minimills: An Observation-Based Analysis. *Economic Geography*, Volume 82, Number 4, pages 401-419.
- Jackson RW, WR Schwarm, Y Okuyama and S Islam. A Method for Constructing Commodity by Industry Flow Matrices. *Annals of Regional Science*, Volume 40, Number 4, pages 909-920.
- Schwarm WR, RW Jackson and Y Okuyama. An Evaluation of Method for Constructing Commodity by Industry Flow Matrices. *The Journal of Regional Analysis & Policy*, Volume 36, Number 1, pages 84-93.
- 2005 Hailu YG, TG Gebremedhin and RW Jackson. Assessing Demographic Changes and Income Inequalities: A Case Study of West Virginia. 37, Volume 37, Number 1.
- 2004 Jackson RW and AT Murray. Alternate Input-Output Matrix Updating Formulations. *Economic Systems Research*, Volume 16, Number 2, pages 135-148.
- Jackson RW. The Impacts of Walter Isard on Geography. *Journal of Geographical Systems*, Volume 6, Number 1, pages 71-77.
- 2002 Jackson RW and DA Dzikowski. A Spatial Output Decomposition Method for Assessing Regional Economic Structure. In *Trade, Networks and Hierarchies*. Edited by Geoffrey JD Hewings, M Sonis and DE Boyce, Springer-Verlag, pages 315-328.
- 2001 Healy R and RW Jackson. Competition & Complementarity in Local Economic Development. *Studies in Regional & Urban Planning*, Issue 9, pages 21-49.
- Jackson RW and M Sonis. On the Spatial Decomposition of Forecasts. *Geographical Analysis*, Volume 33, Number 1, pages 58-75.
- Jackson RW. Assessing the Spatial Variation in U. S. Technology. In *Perspectives in Regional Analysis: A Festschrift in Memory of Benjamin H. Stevens*, Edited by M Lahr and RE Miller. Ashgate, pages 323-344.
- 2000 Mikelbank BA and RW Jackson. The Role of Space in Public Capital Research. *International Regional Science Review*, Volume 23, Number 3, pages 235-258.

- 1999 Jackson RW and M Madden. Closing the Case on Closure in Cole's Model. *Papers in Regional Science*, Volume 78, pages 423-427.
- Mikelbank BA and RW Jackson. Equity vs. Efficiency: Public Capital Investment in Ohio, 1988-1992. *The Professional Geographer*, Volume 51(2), pages 196-209.
- Rey S and RW Jackson. Interindustry Employment Demand and Labor Productivity in Regional Econometric+Input-Output Models. *Environment and Planning A*, Volume 31, pages 1583-1599.
- 1998 Jackson RW. Regionalizing National Commodity-by-Industry Accounts. *Economic Systems Research*, Volume 10, Number 3, pages 223-238.
- West GR and RW Jackson. Input-Output+Econometric and Econometric+Input-Output: Model Differences or Different Models? *Journal of Regional Analysis and Policy*, Volume 28, Number 1, pages 33-45.
- 1997 Comer JC and RW Jackson. A Note on Adjusting National Input-Output Data for Regional Table Construction. *Journal of Regional Science*, Volume 37, Number 1, pages 145-153.
- Jackson RW, M Madden and H Bowman. Closure in Cole's Reformulated Leontief Model. *Papers in Regional Science*, Volume 76, Number 1, pages 21-28.
- 1995 Jackson RW. Directions in Regional Science. *International Regional Science Review*, Volume 18, Number 2, pages 159-164.
- 1994 Jackson RW. Object-Oriented Modeling in Regional Science: An Advocacy View. *Papers in Regional Science*, Volume 73, Number 4, pages 347-367.
- 1993 Jackson RW and JC Comer. An Alternative to Aggregated Base Tables in Input-Output Regionalization. *Growth and Change*, Volume 24, Number 2, pages 191-205.
- Jahan S and RW Jackson. Regional Impacts Assessment: An Alternative Approach. *Oriental Geographer*, Volume 37, Number 2.
- 1992 Jackson RW, P Israilevich and JC Comer. A Note on the Role of Survey Data and Expert Opinion in Constructing Input-Output Tables. *Papers in Regional Science*, Volume 71, Number 1, pages 87-93.
- 1991 Jackson RW. The Relative Importance of Input-Coefficients and Transactions in Input-Output Structure. In *New Interpretations and Extensions of Regional Input-Output Modelling*, Edited by J Dewhurst, GJD Hewings, R Jensen. Aldershot, Hampshire: Avebury, Gower Publishing, pages 51-65.
- 1990 Jackson RW, P Rogerson, D Plane and BO Huallachain. A Causative Matrix Approach to Interpreting Structural Change. *Economic Systems Research*, Volume 2, Number 3, pages 261-270.
- Bolton RE, RW Jackson and GR West. Editors' Introduction, Special Double Issue on the Construction and Use of Regional Input-Output Models. *International Regional Science Review*, Volume 13, Nos. 1 & 2, pages 1-7.
- Bolton RE, RW Jackson and GR West. Introduction, Special Issue on New Methods and Results in Input-Output Analysis. *Socio-Economic Planning Sciences*, Volume 23, Number 5, pages 237-240.
- 1989 Jackson RW, GJD Hewings and M Sonis. Decomposition Approaches to the Identification of Change in Regional Economies. *Economic Geography*, Volume 65, Number 3, pages 216-231.

- Jackson RW, HJ Miller and M Hynes. A Formal Procedure for Generating Regional Product Accounts for U. S. Regions. *Socio-Economic Planning Sciences*, Volume 23, Number 5, pages 271-281.
- Hewings GJD, RC Jensen, GR West, M Sonis and RW Jackson. The Spatial Organization of Production: An Input-Output Perspective. *Socio-Economic Planning Sciences*, Volume 23, pages 67-86.
- Jackson RW and GR West. Perspectives on Probabilistic Input-Output Analysis. In *Frontiers of Input-Output Analysis: Commemorative Papers*, (refereed) Edited by R Miller, K Polenske, A Rose, Oxford University Press, pages 209-221.
- Jackson RW. Probabilistic Input-Output Analysis: Modeling Directions. *Socio-Economic Planning Sciences*, Volume 23, pages 87-95.
- 1988 Jackson RW and M Hynes. Demographics in Demographic-Economic Models: A Reply to Madden. *Environment and Planning, A*, Volume 20, pages 1543-1545.
- Jackson RW. Conjoining Interindustry Linkages and Ownership Data: An Empirical Application. *Growth and Change*, Volume 20, Number 1, pages 34-54.
- Hynes M and RW Jackson. Demographics in Demo-Economic Models: A Note on the Basic Activity-Commodity Framework. *Environment and Planning, A*, Volume 20, pages 1531-1536.
- Miller HJ and RW Jackson. The Impacts of the Professional Football Strike on the Chicagoland Area. *Illinois Business Review*, Volume 45, Number 3, pages 3-7.
- 1986 Jackson RW. Measuring the Impact of External Economic Ownership. *Geographical Analysis*, Volume 18, Number 4, pages 313-323.
- Jackson RW. The 'Full Distribution' Approach to Aggregate Representation in the Input-Output Modeling Framework. *Journal of Regional Science*, Volume 26, Number 3, pages 515-531.
- Jackson RW. Interindustry Modeling of Regional Economic Dependency. *Modeling and Simulation*, Volume 17, Part 1, pages 263-267.
- Jackson RW and JT Jarzab. Regional Impacts of Public Capital Investment: The O'Hare Rapid Transit Extension Project. *East Lakes Geographer*, Volume 21, pages 68-76.
- Jahan S, RW Jackson and WM Syversen. Build Illinois: A Regional Impact Analysis. *Illinois Business Review*, Volume 43, Number 3, pages 9-13.
- 1985 Jackson RW. Scale, Scope and Key Sector Identification. *Papers and Proceedings of Applied Geography Conferences*, Volume 8, pages 246-257.
- 1984 Jackson RW. *An Evaluation of Alternative Measures of Regional Industrial Diversification*. *Regional Studies*, Volume 18 Number 2, pages 103-112. Reprinted in *Modern Classics in Regional Science*, Edited by N Hansen, KJ Button, P Nijkamp, 1996.
- Jackson RW and GJD Hewings. Structural Change in a Regional Economy: An Entropy Decomposition Approach. *Modeling and Simulation*, Volume 15, Part 1, pages 451-456.
- Wilkin DC and RW Jackson. Non-Point Water Quality Contributions from Land Use. *Journal Environmental Systems*, Volume 13, Number 2, pages 127-36.

## GRANTS AND AWARDS

- 2020 Jackson, RW. Developing a SAM to Support the Economic Analysis of Introducing a New Pulp Mill to the Appalachian Coalfields Region. The Nature Conservancy. \$19,755.
- 2019 Jackson RW, EN Bowen, HM Stephens, JA Deskins, PP Jarosi. ARC Coal Industry Ecosystem (CIE) Analysis Extensions. ARC, \$500,000. (RRI portion \$395,078) 2019.
- Jackson RW and P Járosi. Modeling Economics of Advanced Alloy Development. NETL, \$39,100. 2019.
- 2018 Jackson RW et al. Sugar Grove Naval Base Area Economic Development: Resource Needs Assessment and Strategic Action Plan. DoD, \$269,880/RRI Share \$12,550. 2018-2019
- 2017/18 Jackson RW and P Járosi. Impact of Sequestration Tax Credits and CCS R&D. NETL, \$15,482. 2017.
- Jackson RW and P Járosi. ECIO Python Port and Updates. NETL. \$290,940. 5/1/2017-3/31/2019.  
 \$70,100 effective 05-02-2017  
 \$50,780 effective 09-15-2017  
 period of performance extended to March 31, 2019 effective 05-22-2018  
 \$88,660 increase effective 06-27-2018  
 \$81,400 increase effective 10-11-2018
- 2017 Jackson RW. ECIO Energy Intensities Compared to NEMS Model Forecasts. NETL, \$10,400. 2017.
- 2016 Jackson RW et al. West Virginia University and The University of Tennessee. An Economic Analysis of Appalachian Coal Industry Ecosystems. ARC, \$349,999. 2016-2018.
- Jackson RW and P Járosi. Economic Modeling and Impact Assessments. NETL, \$50,874. 2016-2017.
- Elbakidze L and RW Jackson. Economic Analysis of Energy Alternatives and Policies for WV. The Nature Conservancy, \$77,716. 2016-2017.
- 2015 Jackson RW et al. West Virginia University – Support for the International Forum on Unconventional Gas Sustainability and the Environment (INFUSE). US DOS, \$750,000. 2015-2018.
- Jackson RW. Comprehensive Update and Revision of ECIO Documentation and Manual. NETL, \$74,726. 2015-2016.
- 2014 Jackson RW et al., with WVU and The Ohio State University. Marcellus Shale Energy Environmental Laboratory. DOE/NETL and Northeast Natural Energy, \$7,770,226. 2014-2018.
- Jackson RW. Employment and GDP Impacts of FE Coal R&D Technology Deployments. NETL, \$9,000. 2014.
- 2013 Jackson RW, D Lacombe, G Piras, J Deskins and Center for Regional Economic Competitiveness. State of the Region: Examining Changes to the Appalachian Region Since 1965. ARC \$7,148,868. 2013-2015.
- Jackson RW. Benefits Analysis and Modeling. NETL \$68,157. 2013-2014.
- Jackson RW and M Kahsai. General Benefits Support for Analysis that Support Multiple SCC R&D Programs. NETL \$8,500. 2013.

- Jackson RW and MS Kahsai. Carbon Capture Technology Export Market Assessment. DOE/NETL \$16,000. 2013.
- Jackson RW. Advanced Materials Market Opportunity and Benefits Assessment. DOE/NETL, \$20,020. 2013-2014.
- 2012 Jackson RW. The Technology, Energy, Economy, and Environment (TEEE) Chain: Integrated Modeling for Technology Transition in Energy Rich Regions. NSF \$335,930. 2012-2015
- Wang J, H Ghadimi, K Singh, RW Jackson and JW Burnett. Economic and Environmental Impacts of Increased Woody Biomass Utilization for Bioenergy Production on the Rural Communities of the Central Appalachian Region. USDA/NIFA \$349,952. 2012-2016
- Jackson RW. NETL-WVU Econometric Input-Output Model Enhancements. NETL \$98,826. 2012-2013
- 2011 Jackson RW. Incorporating Energy Price Changes and Regionalization in an ECIO Model. DOE/NETL. \$108,014. 2011-2013.
- Jackson RW. NETL ECIO Analyses. NETL, \$34,594. 2011-2012.
- 2010 Jackson RW. Employment Impact Analysis Using an Econometric Input-Output Model. DOE/NETL. \$209,363. 2010-2011.
- Jackson RW. Materials Flow Modeling in Sustainable Industrial Systems within Urban Centers (second supplement from 2006 for graduate student) \$26,655. 2010-2011.
- Irwin C, H Ghadimi, R Jackson, and R Duval. Support Analysis for Senate Bill 518. WV Department of Commerce/WV Department of Energy. \$79,000. 2010-2011.
- 2009 Jackson RW, J Deng, J Anderson, N Zegre, T Petty, M Strager and T Harris. Appalachian Assessment of Natural Assets: Water. Appalachian Regional Commission. \$248,159. 2009-2011.
- Jackson, RW and H Ghadimi. ARC Planning and Financing Energy Efficient Infrastructure. Appalachian Regional Commission. \$27,000. 2009-2010
- Jackson RW. NETL Impact Forecasting thru Econometric IO Model. DOE/NETL. \$104,118. 2009.
- Jackson RW. Economic Impact of Domestic Fossil-based Resources. DOE/NETL. \$101,958. 2009.
- Jackson RW. Office Systems, Analysis and Planning Support. National and State Economic Impact of NETL. DOE/NETL. \$84,311. 2009.
- 2008 Jackson RW and S Cheng. Collaborative Research: Performance Measurement and Asset Mapping of Regional Innovation Systems in the United States. Economic Development Administration (EDA). \$192,647. 2008-2010.
- Cheng S, RW Jackson and PV Schaeffer. Collaborative Research: Evaluation without Bias: New Performance Measures for Business Incubators in Rural America. USDA/Cooperative State Research, Education, and Extension Service (CSREES). \$499,965. 2008-2012.
- 2007 Jackson RW. Valuing Domestically Produced Natural Gas & Oil, DOE/NETL. \$106,940. 2007-2008.



- 2006 Jackson RW. Materials Flow Modeling in Sustainable Industrial Systems within Urban Centers. National Science Foundation. \$98,773. 2006-2011.
- Jackson RW and D Martinelli. Models of Energy Futures and NETL's Local/Regional Economic and Environmental Impact. National Energy Technology Laboratory. \$74,995. 2006-2007.
- 2004 Jackson RW and WR Schwarm. Dominion Transmission LNG Pipeline Impacts. Dominion Transmission. \$23,150. 2004-2005.
- 2003 Jackson RW and Y Okuyama. Constructing A Social Matrix for US States. National Science Foundation. \$99,994. 2003-2005.
- Okuyama Y and RW Jackson. The Construction of an Interregional Social Accounting Matrix Focusing on the West Virginia Economy. WVU Research Corporation Investment in Research Stimulation, Program to Stimulate Competitive Research. \$25,488
- 2002 Jackson RW. An Analysis of Industry Clusters Related to the Advent of Thin-slab Casting, The Alfred P. Sloan Foundation. (Sub-contract to University of Pittsburgh). \$83,719. 2002-2005
- 2000 Marble DF and RW Jackson. Ohio Statewide Travel Demand Forecasting Model, Ohio Department of Transportation (Parsons-Brinckerhoff prime). \$156,711
- Arnfield AJ, RW Jackson and J DeGrand. Expansion and Enhancement of the Geography Instructional Laboratory, Ohio State University TELR Program. \$46,739 (annual rate increment)
- 1999 Jackson RW. Nonlinear Dynamics for Spatial Disaggregation of Forecasts, Ohio State University Committee on Urban Affairs. \$18,946
- 1998 Jackson RW and BA Mikelbank. Transportation Infrastructure and Housing Values: A Hedonic Analysis of Central Ohio, Ohio State University Committee on Urban Affairs. \$19,592
- 1997 Jackson RW, M O'Kelly and LA Brown. Instructional Computing Laboratory Enhancement, Instructional Technologies Advisory Committee, Office of Academic Affairs, The Ohio State University. \$108,000
- Jackson RW. A Regional Economic Comparison of Two Ohio Metropolitan Areas, The Ohio State University Committee on Urban Affairs. \$19,592
- 1996 Smith WR, DF Marble and RW Jackson. Creating Competitive Advantage for Ohio, it's Regions and its Universities through Geographic Information Systems Technology: Stage 2 of Ohio GIS-Net Implementation, OSU team contribution to Cleveland State University coordinated proposal. \$66,000 (OSU allocation)
- 1995 O'Kelly M, RW Jackson, DF Marble, LA Brown and H Moellering. Acquisition of a Departmental Research Network for the Analysis of Spatial Data, National Science Foundation Instrumentation Grant. \$114,658
- Jackson RW and BA Mikelbank. The Distribution and Economic Impacts of Public Infrastructure Investment in Ohio, The Ohio State University Committee on Urban Affairs. \$20,838
- Jackson RW. Economic Database Initiative for the Greater Columbus Area Chamber of Commerce, Office of the President, Ohio State University, \$18,100

- 1994 Jackson RW. Ohio Economic Forecasting Project, Bank One, Columbus, The Ohio State University, and Regional Economic Applications Laboratory of the Chicago Federal Reserve Bank and the University of Illinois. \$75,000
- 1991 Jackson RW. An Integrated Modeling Framework for Ohio and its Metropolitan Areas, The Ohio State University Committee on Urban Affairs. \$18,185
- Jackson RW. Distributions of Input-Output Coefficients and Probabilistic Input-Output Models, National Science Foundation, Geography and Regional Science Division. \$23,902
- 1990 Jackson RW. Instructional Enhancement for Economic Geography, The Center for Teaching Excellence, The Ohio State University. \$5,151
- 1989 Jackson RW. Distributions of Input-Output Coefficients and Probabilistic Input-Output Models, National Science Foundation, Geography and Regional Science Division. \$64,498
- 1988 Jackson RW. Regional Accounts for the Columbus Metropolitan Area, The Ohio State University Urban Affairs Committee. \$18,861
- Jackson RW. Regional Accounts for the Columbus Metropolitan Area, Ohio Board of Regents, matching grant. \$18,517
- 1987 Jackson RW and M. Hagey. New Manufacturing Firm Formation and Local Industrial Structures: An Analysis of the Automobile Industry in Ohio, The Ohio State University Urban Affairs Committee. \$15,350
- 1986 Jackson RW. A Commodity Flow Alternative to Measuring Corporate Dominance, National Science Foundation, C Supplement and Extension. \$10,788
- 1985 Jackson RW. A Commodity Flow Alternative to Measuring Corporate Dominance, National Science Foundation, Geography and Regional Science Program. \$32,588
- Jackson RW. The Chicago World's Fair, 1992, Data Preparation and Preliminary Impacts Assessment, Chicago World's Fair Authority. \$10,400
- Jackson RW. Industrial Satellites for Economic Development, Northern Illinois University Graduate School Fund. \$3,618
- Jackson RW. Input-Output Analysis: Assessing Regional Economic Impacts, Illinois Department of Commerce and Community Affairs. \$2,556
- 1984 Jackson RW. The Development of an Interregional Input-Output Modeling Capability for the State of Illinois Northern Illinois University Graduate School Fund. \$3,306

## WORKING PAPERS, RESEARCH DOCUMENTS, AND GOVERNMENT REPORTS

- 2020 Jackson, RW and P Járosi. ECIO Input-Output Relationships: Generating Expected Output Series. TechDoc 2020-01. Regional Research Institute. West Virginia University.
- 2019 Jackson RW, GJD Hewings, S Rey, N Lozano Gracia. Regional Development Overview Challenges, Adopted Strategies, and New Initiatives. Policy Research Working Paper Series 9056. The World Bank, November 2019.
- 2018 Bowen E, ML Burton, Christiadi, DB Clarke, RJ Davis, J Deskins, R Jackson, P Jarosi, B Lego, M Murray, P Schaeffer, and C Sims. An Economic Analysis of the Appalachian Coal Industry Ecosystem. Master Executive Summary. Appalachian Regional Commission, January 2018.  
[https://www.arc.gov/assets/research\\_reports/CIESummary-AppalachianCoalIndustryEcosystemAnalysis.pdf](https://www.arc.gov/assets/research_reports/CIESummary-AppalachianCoalIndustryEcosystemAnalysis.pdf)
- Jackson RW and P Járosi. An Economic Analysis of the Appalachian Coal Industry Ecosystem. County-level Supply Chain Analysis. Appalachian Regional Commission, January 2018.  
[https://www.arc.gov/assets/research\\_reports/CIE2-CountyLevelCIESupplyChainAnalysis.pdf](https://www.arc.gov/assets/research_reports/CIE2-CountyLevelCIESupplyChainAnalysis.pdf)
- Schaeffer PV, Randall Jackson and Eric Bowen. Implicit regional economic goals and objectives: A study of U.S. development programs. Working Paper 2018-06. Regional Research Institute. West Virginia University.
- Chen, Jing and Randall Jackson. Regional Industry Cluster Analysis for the Potomac Highlands in West Virginia. RRI ResourceDoc 2018-03. Regional Research Institute. West Virginia University
- Stair C and Randall Jackson. Economic Impacts of the Marcellus Shale Energy and Environment Laboratory (MSEEL). RRI ResourceDoc 2018-02. Regional Research Institute. West Virginia University.
- Jackson RW and Peter Járosi ECIO Model Operators Guide. RRI ResourceDoc 2018-01. Regional Research Institute. West Virginia University.
- Inácio Araújo, Universidade Federal de Juiz de Fora; Randall W Jackson, Regional Research Institute, West Virginia University; Amir B Ferreira Neto, Regional Research Institute, West Virginia University; and Fernando Perobelli, Universidade Federal de Juiz de Fora. Environmental costs of European Union Membership: A Structural Decomposition Analysis. Working Paper 2018-04. Regional Research Institute. West Virginia University.
- Aroca Patricio and Randall Jackson. Value Chains: Production Upstreamness and Downstreamness Revisited. Working Paper 2018-01. Regional Research Institute. West Virginia University.
- 2017 Jackson RW. Computing Coal Dependent Employment Estimates, RRI TechDoc 2017-02. Regional Research Institute. West Virginia University.
- Jackson RW, P Jarosi, AB Ferreira Neto, and E. Erfanian. Woody Biomass Processing and Rural Regional Development. Working Paper 2017-01.
- Stair C, S Ghosh and RW Jackson. MSEEL Project Context: State of the Region (2001-2014). RRI ResourceDoc 2017-01. Regional Research Institute. West Virginia University.

- 2016 Jackson RW, AB Ferreira Neto, and E Erfanian. Woody Biomass Processing: Potential Economic Impacts on Rural Regions. Working Paper 2016-04. Regional Research Institute. West Virginia University.
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## RESEARCH RELATED ACTIVITIES

### *Conference and Seminar Presentations*

- 2019 **Erfanian E, R Jackson**, and SB Pokharel. Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. Paper presented at the 58<sup>th</sup> Meeting of the Southern Regional Science Association, Savannah, GA, April 2019.
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- 2018 Erfanian E., Jackson, RW, and Pokharel, SB. Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. Presented at North American Regional Science Council. San Antonio TX. (Presented by Erfanian.) November 2018.
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- Jarosi, P and Jackson, RW. A Non-Survey Method for Interregional Input-Output Table Estimation Using Pairwise Partitioning. Presented at the 65<sup>th</sup> North American Regional Science Association International. San Antonio TX.

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- Stair C and RW Jackson. I-O SNAP Software Workshop. Workshop presented at the 57<sup>th</sup> Meeting of the Southern Regional Science Association, Philadelphia, PA. March 2018.
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- 2017 Schaeffer PV and Jackson RW. Rural Development Theories: A Matter of Aggregation. Paper presented at the 65<sup>th</sup> Annual North American Meetings of the Regional Science Association International. Vancouver, BC Canada. November 2017.
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- Jackson RW. NETL/WVU Econometric Input-Output (ECIO) Model. Presented at the Energy Economic\$ Seminar sponsored by the U. S. Department of Energy and National Energy Technology Laboratory, Pittsburgh, PA. December 13, 2016.
- Jackson RW. Open Science, Open Source, and Applied Economics. Presented Keynote address at the 2nd Biennial Meeting of Applied Economics. Federal University at Juiz de Fora, Minas Gerais, Brazil. June 2016.
- Jackson RW. International Forum on Unconventional Gas Sustainability and the Environment (INFUSE). Morgantown presentations to the U. S. Department of State sponsored presentations to delegations:
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- 2015 Jackson RW, P Jarosi and A Varga. An Alternative Approach for solving Large Size Multiregional CGE Models: An Example for a Special Case. Paper presented at the 62nd Annual North American Meetings of the Regional Science Association. Portland, OR, November 2015.
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- Jackson RW and CD Jensen. Input-output Analysis: New Technologies and Extended Time Horizons. Paper presented at the 51st Western Regional Science Association Annual Meeting. Poipu, HI. February 2012.
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- Jackson RW. Academics and Advocacy: What is Our Role in Controversial Issues? Paper presented at the Multi-State Marcellus Shale Research Conference. Pittsburgh, PA.
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- 2008 Cooper J, RW Jackson and NG Leigh. Modeling Regional Recycling and Remanufacturing Processes? From Micro to Macro. Annual Meeting of the Regional Science Association International, Brooklyn, NY. November 2008.
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- 2006 Schwarm WR and RW Jackson. Examining and Evaluating Aggregation Scale Effects on Interregional Commodity by Industry Trade Flow Estimates, 45th Annual Meeting of the Western Regional Science Association, Santa Fe, NM.
- 2005 Bekele GW and RW Jackson. Identifying Spatial Clusters of Industries: A Methodological Approach. 52nd Annual Meeting of the Regional Science Association International, Las Vegas, NV.
- Schwarm WR, RW Jackson and Y Okuyama. An Evaluation of Method for Constructing Commodity by Industry Flow Matrices. 44th Annual Meeting of the Southern Regional Science Association, Washington, DC.
- Hailu YG, TG Gebremedhin and RW Jackson. Assessing Demographic Changes and Income Inequalities: A Case Study of West Virginia, Southern Agricultural Economics Association Annual Meeting, Little Rock, AR.
- 2004 Jackson RW, F Giarratani and G Gruver. Agglomeration Economies in the Steel Industry. 51st Meeting of the Regional Science Association, International, Seattle, WA.
- Gebremariam G, TF Gebremedhin and RW Jackson. A Survey Data Analysis of Small Businesses in West Virginia, American Agricultural Economics Association Annual Meeting, Denver, CO.

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- 2003 Jackson RW, Y Okuyama and W Schwarm. Constructing Interregional Commodity-industry Accounts for US States. Bureau of Economic Analysis, Washington, DC.
- Jackson RW and GR West. Issues in Non-Linear Input-Output Modelling. 50th Meeting of the Regional Science Association International, Philadelphia, PA.
- Jackson RW and AT Murray. Approaches for IO Matrix Updating. Association of American Geographers, New Orleans, LA.
- 2002 Jackson RW and AT Murray. Minimizing inter-matrix distances: Alternative formulations. 49th Meeting of the Regional Science Association, International, Charleston, SC.
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- 2001 Jackson RW and DA Dzikowski. A Spatial Output Decomposition Method for Assessing Regional Economic Structure, Western Regional Science Association, Palm Springs, CA.
- 2000 Jackson RW and M Sonis. Regional Economic Forecasting: Nonlinear Dynamics, Uncertainty, and Comparative Advantage, Association of American Geographers, Pittsburgh, PA.
- Jackson RW. Simulating the Effects of Cross-hauling on Regional Economies, 48th North American Meeting of the Regional Science Association International, Chicago, IL.
- Thakur SK, AT Murray and RW Jackson. Evaluating the spatial distribution of Research and Development facilities in India, 48th North American Meeting of the Regional Science Association International, Chicago, IL.
- 1999 Jackson RW and M Sonis. Assessing the use of Nonlinear Relative Dynamic Models for Spatial Forecast Decomposition, 39th Meeting of the European Regional Science Association, Dublin, Ireland.
- Jackson RW and GR West. Comparing Output Solution Modules in a Coupled Econometric/Input-Output Model, 47th North American Meeting of the Regional Science Association, International, Montreal, Canada.
- Jackson RW and M Sonis. Nonlinear Dynamics and Comparative Advantage: Application to Regional Economic Forecasting, Association of American Geographers, Honolulu, HA.

- 1998 Jackson RW and M Sonis. Spatial Disaggregation of Regional Economic Forecasts, Seminar in Memory of Philip Israilevich. Chicago Federal Reserve Bank and the University of Illinois, Chicago, IL.
- Jackson RW and M Sonis. Allocating Aggregate Metropolitan Area Forecasts to Subregions: A Spatial Competition Approach, 46th North American Meeting of the Regional Science Association International, Santa Fe, NM.
- Mikelbank BA and RW Jackson. Equity vs. Efficiency: Public Capital Investment in Ohio, 1988-1992, East Lakes Division of the American Association of Geographers, Columbus, OH.
- Jackson RW. Issues in Urban and Regional Analysis, Urban Center of the Maxine Goodman Levin College of Urban Affairs. Cleveland State University, Cleveland, OH.
- Jackson RW. Comparing Output Solution Modules in a Coupled Econometric/Input-Output Model (Poster Session), Association of American Geographers, Boston, MA.
- 1997 Rey S and RW Jackson. Interindustry Employment Demand and Labor Productivity in Regional Econometric+Input-Output Models, 45th North American Meeting of the Regional Science Association International, Buffalo, NY.
- 1996 Jackson RW, BA Mikelbank, T Gabe and GR West. Comparing Two Output Solution Methods in a Coupled Econometric/Input-Output Model, 44th North American Meetings of the Regional Science Association International, Washington, D.C.
- Jackson RW and BA Mikelbank (presenter). The Distribution and Economic Impacts of Public Infrastructure Investments in Ohio, Association of American Geographers, Charlotte, NC.
- 1995 Jackson RW. Integrated Input-Output+Econometric Models, 43rd North American Meetings of the Regional Science Association International, Cincinnati, OH.
- Jackson RW. An Object-Oriented Model of a Quesnay-Type Production System, Association of American Geographers, Chicago, IL.
- 1994 Jackson RW. Object-Oriented Modeling in Geography and the Social Sciences, Association of American Geographers, San Francisco, CA.
- 1992 Jackson RW. An Object-Oriented Approach to Assessing Model Sensitivity in Regional Economic Systems, 39th North American Meeting of the Regional Science Association International, Chicago, IL.
- Rayner JN and RW Jackson. Object-oriented Design Applied in Geography, Association of American Geographers, San Diego, CA.
- Jackson RW. Regional Variation in Production Structure. Association of American Geographers, San Diego, CA.
- 1991 Jackson RW and JC Comer. An Alternative to Aggregated Base Tables in Input-Output Regionalization, 39th North American Meetings of the Regional Science Association International.
- 1990 Jackson RW. Regional Accounts for Substate Areas, The Conference on Cities of the 1990's, Ohio Board of Regents' Urban Universities Program, Deer Creek, OH.

- Jackson RW and P Israilevich. Distributions of Input-Output Coefficients. 37th North American Regional Science Meetings, Boston, MA.
- Jackson RW. Census Content of Bureau of Economic Analysis Input-Output Data, Association of American Geographers, Toronto, Canada.
- 1989 Jackson RW and P Israilevich. Distributions of Input-Output Coefficients: Preliminary Findings, 36th North American Meeting of the Regional Science Association International, Santa Barbara, CA.
- Jackson RW. Regional Economic Structure: Error Analysis, Change, Inverse Sensitivity. The Burn Conference on Regional and Interregional Input-Output Modeling, Edzell, Scotland, UK.
- Jackson RW. Regional Accounts for the Columbus Metropolitan Area, Association of American Geographers, Baltimore, MD.
- Jackson RW. Integrated Interregional Input-Output Models for the Midwestern Economy, The Department of Geography, Indiana University, Bloomington, IN.
- 1988 Jackson RW, P Rogerson, B OhUallachain and D Plane. A Causative Matrix Approach to Interpreting Structural Change, 35th North American Meeting of the Regional Science Association International, Toronto, Canada.
- Jackson RW. Directions in Probabilistic Input-Output Analysis, International Conference on Regional Input-Output Modeling. National Science Foundation and West Virginia University, Morgantown, WV.
- Jackson RW. Regional Input-Output Models for Planning and Analysis, School of Public and Environmental Affairs, Indiana University, Bloomington, IN.
- Jackson RW. Spatial Variation in Production: Modeling Implications, Department of Geography, Indiana University, Bloomington, IN.
- Jackson RW. Probabilistic Input-Output Analysis: Modeling Directions, Association of American Geographers, Phoenix, AZ.
- 1987 Jackson RW. Research Directions in Probabilistic Input-Output Analysis, American-Bulgarian Seminar on Regional Economic Development and Environmental Management. National Science Foundation and West Virginia University, Morgantown, WV.
- Jackson RW. New Directions in Input-Output Analysis, Pacific Workshop on Input-Output Methods, University of Queensland, Brisbane, Australia.
- Jackson RW. Conjoining Interindustry and Ownership Data: An Empirical Example, Association of American Geographers, Portland, OR.
- 1986 Jackson RW and GR West. Perspectives on Probabilistic Input-Output Analysis. 33rd North American Meeting of the Regional Science Association International, Columbus, OH.
- Jackson RW. An Input-Output Method for Measuring the Impacts of External Economic Ownership, British Section Regional Science Association International, Bristol, England.
- Jackson RW. On Measuring the External Control of Regional Interindustry Transactions. Association of American Geographers, Minneapolis, MN.



- Jackson RW. Interindustry Modeling of Regional Economic Dependency. Pittsburgh Conference on Modeling and Simulation, Pittsburgh, PA.
- 1985 Jackson RW. Population Characteristics of Industry Aggregates: Toward a Theoretical Framework. 32nd North American Meeting of the Regional Science Association International, Philadelphia, PA.
- Jackson RW. Regional Impacts of Public Capital Investment: The O'Hare Rapid Transit Extension Project. West Lakes Division, Association of American Geographers, DeKalb, IL.
- Jackson RW. Scale, Scope, and Key Sector Identification. Eighth Annual Applied Geography Conference, Denton, TX.
- Jackson RW. The Production Process: Space, Time, and the Industry Aggregate, Department of Geography and the Regional Research Institute, West Virginia University, Morgantown, WV.
- Jackson RW and GJD Hewings. Micro-to-Macro Modeling of Regional Economic Systems, Scientific Geography Conference, Athens, GA.
- Jackson RW. Scale, Scope, and Aggregation: Underlying Issues in Geographic Research, Social Science Research Institute, Northern Illinois University, DeKalb, IL.
- 1984 Jackson RW. Northern Illinois University's Input-Output Modeling Capability, Chicago Conference on Economic Models, sponsored by the University of Chicago, Chicago, IL.
- Jackson RW. Corporate Dominance: A Measurement Alternative, Mid-Continent Regional Science Association, Chicago, IL.
- Jackson RW and GJD Hewings. Structural Change in a Regional Economy: An Entropy Decomposition Approach, Pittsburgh Conference on Modeling and Simulation, Pittsburgh, PA.
- Jackson RW. The Full Distribution Approach to Aggregate Representation in the Input-Output Framework. Department of Geography, University of Wisconsin, Madison, WI.
- 1983 Jackson RW. Full Distribution Coefficients in the IO Framework: A Simulation, 30th North American Meeting of the Regional Science Association International, Chicago, IL.
- Jackson RW. A Distributional Perspective on Regional Technical Coefficients, Association of American Geographers, Denver, CO.
- 1982 Jackson RW. Augmenting the Informational Content of Macroeconomic Variables and Accounting Frameworks by Employing Microeconomic Data and Assumptions, Association of American Geographers, San Antonio, TX.
- 1980 Jackson RW. The Capability of Measures of Industrial Diversity to Predict Regional Economic Stability, Mid-Continent Regional Science Association, Lincoln, NB.

### *Other Activities*

- Judge for Energy Competition at Oakridge National Lab. 2017

- Moderator, Appalachian Regional Commission/Regional Research Institute Forum on Appalachia's Technology Assets and Opportunities, West Virginia University, Morgantown West Virginia, August 22, 2002
- Numerous Conference Sessions Chaired and Organized
- Papers reviewed for: Regional Studies, Journal of Regional Science, International Regional Science Review, Professional Geographer, Papers of the Regional Science Association, Geographical Analysis, Geography Research Forum, Environment and Planning, A, Annals of the Association of American Geographers, International Economic Review, Urban Geography, Growth and Change, Annals of Regional Science, Economic Development Quarterly, Journal of Economic Development, Australasian Journal of Regional Studies, Economic Systems Research
- Proposals reviewed for: National Science Foundation Economic & Social Research Council, Great Britain

## INSTRUCTIONAL PRODUCTS

1995 Unpublished instructional monograph entitled "Input-Output Analysis: A Primer"

1990 Interactive Geographical Software on Vön Thunen Land Use, The Ohio State University

1985 Unpublished instructional monograph entitled "Input-Output Analysis: Assessing Regional Economic Impacts"

## PROFESSIONAL SERVICE

### External Professional Activities

2019	Judge for the 2019 NARSC Student Paper Competition
2017	Program Committee, U.S. Department of State Visitor Program, Energy Policy Panel, West Virginia University, June 2017.
2017	Program Committee, 25 <sup>th</sup> International Conference on Input-Output Techniques, Atlantic City, NJ, June 2017
2016	Question Bank Review, ORAU Energy Competition at Oak Ridge National Lab
2016	Program Committee, 24 <sup>th</sup> International Conference on Input-Output Techniques, Seoul, Korea July 2016
2015	Program Committee, 23 <sup>rd</sup> International Conference on Input-Output Techniques, Mexico City, Korea, June 2015
2011	Program Committee, 19 <sup>th</sup> International Conference on Input-Output Techniques, Alexandria, VA Korea May 2011
2009	Coordinator and Host, First Annual EDA Symposium, Morgantown, WV, October 2009
2006 – Present	Program Committee, Western Regional Science Association
1999	Program Committee, 14 <sup>th</sup> International Conference on Input-Output Techniques, Macerata, Italy, August 2000
1998 – 2000	Ohio Peer Group, professional review of State-wide Modeling project for the Ohio Department of Transportation
1998	Urban Research Forum, Panel convened to identify the dimensions of the subsequent National Science Foundation Urban Research Initiative, National Science Foundation and American University, Washington, D.C.
1996 – 1998	National Science Foundation, Member, Dissertation Improvement Advisory Panel, Washington, D.C. 1995 Judge, Ohio Geography Bee

1994	University Consortium for Geographic Information Science, Founders Meeting Participant, Boulder, CO. 1991,
1993	National Science Foundation, Panel Member - Scientific Database Initiative - Division of Information, Robotics, and Intelligent Systems, Washington, D.C.

#### Positions within Professional Organizations.

2015–2016	Southern Regional Science Association Treasurer
2014	Southern Regional Science Association Graduate Paper Honors Chair
2010 – 2011	Southern Regional Science Association President
2009 – 2010	Southern Regional Science Association President-elect and Program Chair
2006 – Present	Purdue Center for Regional Development Advisory Council
2005 – 2008	Southern Regional Science Association Council Member
2006 – Present	Board of Directors, Western Regional Science Association
2006	North American Regional Science Association Chair
2004 – 2006	North American Regional Science Council Member
1997 – 2000	Regional Science Association International Council Member
1996 – 1998	Association of American Geographers, Board of Directors, Mathematical Models & Quantitative Methods Specialty Group Board of Directors
1988 – 1990	Association of American Geographers Industrial Geography Specialty Group Board of Directors

#### Editorial Activity

2012 – Present	Editorial Board, Regional Statistics
2009 – Present	Editorial Board, International Regional Science Review
2007 – 2016	Editorial Board, Review of Regional Studies
2006 – Present	Editorial Board, Letters in Spatial and Resource Sciences
2001 – 2010	Executive Committee, Geographical Analysis
2001 – 2012	Associate Editor, Journal of Regional Science
1998 – 2007	Web Page Maintenance, Regional Science Association International
1997 – 2003	Editor, Regional Science Association Newsletter
1997 – 2000	Editor, Regional Science Association International Newsletter
1997 – 2000	Editorial Board, Professional Geographer
1997 – 1998	Editorial Board, Papers in Regional Science
1995 – 2010	Editorial Board, Geographical Analysis
1995 – 2015	Editorial Board, Australasian Journal of Regional Science
1989 Guest	Co-editor, International Regional Science Review
1989 Guest	Co-editor, Socio-Economic Planning Sciences

## CONSULTING

- The Calwell Practice, PLLC, Charleston, WV
  - Estimates of surviving population within defined cohorts for a specified geographical region.
- Levin, Papantonio, Thomas, Mitchell, Rafferty & Proctor, P.A. Pensacola, FL
  - Estimates of surviving population within defined cohorts for a specified geographical region.
- Skadden, Arps, Slate, Meagher & Flom, LLP, Washington, DC
  - Statistical analysis associated with an assessment of Duke and Cinergy service region similarity.
- Porter Wright Morris & Arthur, LLP, Cincinnati, OH
  - Economic impacts assessments associated with United States et al. v. Ohio Edison et al. US District Court, Southern District of Ohio.
- Parsons Brinckerhoff, Cincinnati, OH
  - Economic analysis foundations of transportation models.

## AWARDS AND RECOGNITIONS

- Southern Regional Science Association Fellow (SRSA) for exceptional and sustained scholarship and service to the Association in the advancement of regional science, presented at the 54th Annual Meeting of the SRSA in Mobile, Alabama, March 2015.
- Benedum Distinguished Scholar Award for distinction in research and scholarship presented at West Virginia University, Morgantown, WV, March 2013.
- The David E. Boyce Award for distinguished service to the field of regional science, presented at the annual meeting of the Regional Science Association International, Savannah, GA, November 2007.

## MEMBERSHIPS

- Association of American Geographers
- Southern Regional Science Association
- Western Regional Science Association
- Regional Science Association International
- International Input-Output Association