

PETER V. SCHAEFFER, Ph.D.

Interim Director, Division of Animal and Nutritional Sciences
Professor, Division of Resource Economics & Management
Faculty Research Associate, Regional Research Institute
Adjunct Professor, Department of Economics

Mailing Address

Division of Animal and
Nutritional Sciences
POB 6108
West Virginia University
Morgantown, WV 26506-6108

Office Locations

Animal and Nutritional Sciences
333 Evansdale Drive, Agricultural
Sciences Building, Room 2403
Regional Research Institute
886 Chestnut Ridge Road, Room 512

Phone Numbers and E-mail

(304) 293-5572
(304) 293-5541 Secretary
Peter.Schaeffer@mail.wvu.edu

Homepage

<https://www.peterschaeffer.com/>

EDUCATION

Ph.D. Economics, University of Southern California, Los Angeles, December 1981
M.A. Economics, University of Southern California, Los Angeles, December 1979
lic. oec. publ.¹ Economics, University of Zurich, Switzerland, February 1975
Non-degree studies *Banking*: Credit Suisse, CS Banking Seminar, Zurich, April 2-27, 1973
Econometrics: University of Zurich, 1975
Mathematics: California State University-Los Angeles, 1978-1979; University of Southern California, 1982
Statistics and Mathematics: University of Illinois at Urbana-Champaign, 1983-1985

PROFESSIONAL EXPERIENCE

Full-Time Positions

2019-present	Interim Director, Division of Animal and Nutritional Sciences, West Virginia University
1993-present	Professor, School of Natural Resources, Division of Resource Economics & Management, West Virginia University
1993-2006	Director, Division of Resource Management (name until 2017), West Virginia University
2004-2006	Director, Division of Family and Consumer Sciences, West Virginia University
1999-2000	Visiting Professor of Regional and Environmental Economics, Division of Landscape and Environmental Planning, Swiss Federal Institute of Technology-Zurich (ETH). July 1, 1999-June 30, 2000, while on sabbatical leave from West Virginia University
1992-1993	Director, Program in Urban and Regional Planning, University of Colorado at Denver and University of Colorado at Boulder
1988-1993	Director, Program in Urban and Regional Planning, University of Colorado at Denver
1987-1993	Associate Professor of Urban and Regional Planning, University of Colorado at Denver
1990	Visiting Research Associate, United Nations, International Labour Office, International Migration for Employment Branch (Roger Böhning), Geneva, Switzerland: June
1982-1988	Assistant Professor, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, on leave of absence, 1987-88
1974-1976	Economist, Carl Fingerhuth und Partner, Urban and Regional Planners, Zurich, Switzerland (name since 2010: PLANAR AG für Raumentwicklung)
1972-1973	Intern, Credit Suisse, February-April 1972 and March 1973
1972	AIIESEC (Association internationale des sciences économiques et commerciales) Accounting Intern, Electricity Supply Board, Dublin, Ireland, July-September

¹ The Swiss University Conference, the joint organization of the cantons and the Confederation for university politics, and the Rectors' Conference of the Swiss Universities consider the previously awarded *Lizentiat/licence* degrees equivalent to the current master's degrees

Other Positions and Responsibilities

2018-present	Section Editor-in-Chief for "Energy Economics and Policy" for the journal <i>Energies</i> , http://www.mdpi.com/journal/energies
1998-present	Adjunct Professor, Department of Economics, West Virginia University
1993-present	Faculty Research Associate, Regional Research Institute, West Virginia University
2016-2018	Visiting Professor, Qingdao Agricultural University, Qingdao, Shandong Province, PR China (curtesy appointment)
2009-2014	Graduate Program Coordinator, Division of Resource Management
2006-2008	Faculty Fellow, Lincoln Hall, West Virginia University's first residential college
2002-2004	President, Lightstone Community Development Corporation, Sugar Grove, WV
1998-1999	President, Lightstone Foundation, Sugar Grove, WV
1990-1993	Research Associate, Institute of Behavioral Science, Population Processes, University of Colorado at Boulder (Andrei Rogers)
1990-1992	Adjunct Professor, Union Institute, Cincinnati, Ohio; member of Eric D. Kelly's Ph.D. committee
1983-1988	Faculty Associate, Office of Women in International Development, University of Illinois at Urbana-Champaign
1976-1982	Teaching and Research Assistant for Professors Richard H. Day and Dennis J. Aigner, respectively, Department of Economics, University of Southern California

RESEARCH

(Names of former and current students are underlined)

Research Interests

Economic policy, particularly (1) regional and rural economics and development; (2) international labor migration; (3) domestic job and occupational mobility; and (4) natural resource management issues related to amenities, planning, and energy, and their implications for economic development. (5) I am also interested in economic philosophy and the development of economic thought.

Draft Papers and Work in Progress

1. **PV Schaeffer**, "Migration, Depressed Regions and Place-Based Policy." Chapter submitted for inclusion in K Kourtit, P Nijkamp, M Partridge, B Newbold, editors. *Handbook on The Economic Geography of Cross-Border Migration*, revised and resubmitted.
2. **PV Schaeffer**, "A Note on the Tinbergen Principle." Presented at the Annual Southern Regional Science Association Meetings, Washington, DC, April 4-6, 2019; most recent version is co-authored with Kevin Willardsen.

Authored and Edited Books, Monographs, Guest-Edited Journal Issues, and Dissertation

14. RW Jackson, **PV Schaeffer**, editors, 2017. *Regional Research Frontiers: The Next 50 Years*. Volume 2 – *Methodological Advances, Regional Systems Modeling and Open Sciences*, Advances in Spatial Science, Springer Verlag, ISBN 978-3-319-50589-3; DOI 10.1007/978-3-319-50547-3
13. RW Jackson, **PV Schaeffer**, editors, 2017. *Regional Research Frontiers: The Next 50 Years*. Volume 1 – *Innovations, Regional Growth and Migration*, Advances in Spatial Science, Springer Verlag, ISBN 978-3-319-50546-6
12. **PV Schaeffer**, S Weiler, S Loveridge, guest editors, 2014. *Urban and Rural: Opposites no More*. Special issue of *Economic Development Quarterly*, 28(1), 100 pp.
11. **PV Schaeffer** and E Kouassi, editors, 2013, *Econometric Methods for Analyzing Economic Development*. IGI Global, Hershey, PA. ISSN 2327-5677, eISSN 2327-5685
10. MN Mojica, TG Gebremedhin, **PV Schaeffer**, 2010. *Entrepreneurship and Economic Development*. Saarbrücken, Germany: VDM Verlag. ISBN 978-3639-26856-0
9. C Nondo, **PV Schaeffer**, JJ Fletcher, 2010. *Environmental Regulations and Economic Growth*. Saarbrücken, Germany: VDM Verlag. ISBN 978-3-639-26647-4

8. MS Kahsai, TG Gebremedhin, **PV Schaeffer**, 2010. *Amenity and Economy: A Spatial Econometric Analysis of the Northeastern United States*. Saarbrücken, Germany: VDM Verlag. ISBN 978-3-639-25534-8
7. **PV Schaeffer**, editor, 2008. *Commodity Modeling and Pricing: Methods for Analyzing Resource Market Behavior*. New York: John Wiley, 298 pages. ISBN-13 978-0-470-31723-5
6. **P Schaeffer**, S Weiler, guest editors, 2007: *Frontier Issues in Rural and Regional Development*, Special issue of *The Review of Regional Studies* 37(3): 279-410
5. **PV Schaeffer**, S Loveridge, editors, 2000: *Small Town and Rural Economic Development: A Case Studies Approach*. Westport, CT: Praeger. 293 pages. ISBN 0-275-96576-7
4. T Gebremedhin, **P Schaeffer**, 1999. *Leadership Challenges for Effective Management*. Dublin, Ireland: Blackhall. 228 pages. ISBN 1-901657-82-5
3. LA Brink, **P Schaeffer**, editors, 1991: *Selected Works: Council of Educators in Landscape Architecture 1990 Conference*. Washington, DC: Landscape Architecture Foundation/Council of Educators in Landscape Architecture. 219 pages. ISBN 0-941236-17-X
2. **PV Schaeffer**, 1990. *International Labor Migration: Bibliography*. Chicago: Council of Planning Librarians. CPL Bibliography 258. 41 pages. ISBN 0-86602-258-9
1. **PV Schaeffer**, 1981. *Temporary International Labor Migration*. Ph.D. dissertation. Los Angeles, CA: University of Southern California. 213 pages

Articles in Refereed Journals

59. T Wasihun, **PV Schaeffer**, TG Gebremedhin, 2019. "Analysis of the Role of Commercial Real Estate in the Economic Development of the Northeastern United States." *American Journal of Industrial and Business Management* 9(5, May)
58. **PV Schaeffer**, 2018. "The Rules of the Game." Fellows Address, *Review of Regional Studies*, 48(3): 271-277
57. **PV Schaeffer**, S Weiler, S Loveridge, 2014. "Urban and Rural: Opposites no More." Introduction to special issue of *Economic Development Quarterly*, 28(1): 3-4
56. **PV Schaeffer**, JO Bukenya, 2014. "Assimilation of Foreigners in Former West Germany." *International Migration*, 52(4): 157-174
55. **PV Schaeffer**, 2013. "Global Trends and Market Performance." *Journal of Stock and Forex Trading*, 2:1
54. J Herath, **P Schaeffer**, TG Gebremedhin, 2013. "Employment Change in LDs of West Virginia: A Dynamic Spatial Shift-Share Analysis," *American Journal of Rural Development*, 1(1): 99-105
53. JO Bukenya, **PV Schaeffer**, 2013. "Immigrants' Attitudes towards Integration and Citizenship in Germany, 1970-2000." *International Journal of Sustainable Society* 5(4): 357-373
52. **PV Schaeffer**, MS Kahsai, RW Jackson, 2013. "Beyond the Urban-Rural Dichotomy. Essay in Honor of Professor A.M. Isserman." *International Regional Science Review* 36(1): 81-96
51. GH Gebremariam, TG Gebremedhin, **PV Schaeffer**, 2012. "County-Level Determinants of Local Public Services in Appalachia: A Multivariate Spatial Autoregressive Model Approach." *Annals of Regional Science*. 49(1): 175-190
50. C Nondo, **PV Schaeffer**, 2012. "Economic Growth and Environmental Regulations: A Simultaneous Equation Estimation." *IUP Journal of Applied Economics* 11(4): 28-49
49. GH Gebremariam, TG Gebremedhin, **PV Schaeffer**, RW Jackson, TT Phipps, 2012. "A Simultaneous Spatial Panel Data Model of Regional Growth Variation: An Empirical Analysis of Employment, Income, Migration and Local Public Services." *Papers in Regional Science* 91(2): 275-298
48. MS Kahsai, C Nondo, **PV Schaeffer**, TG Gebremedhin, 2012. "Income in the Energy-GDP Nexus: Evidence from Sub-Saharan Africa." *Energy Economics* 34(3): 739-746
47. C Nondo, MS Kahsai, **PV Schaeffer**, 2012. "Energy Consumption and Economic Growth: Evidence from COMESA Countries." *Southwestern Economic Review* 39(1): 107-112
46. **PV Schaeffer**, RW Jackson, JO Bukenya, 2011, "Regional Science Reconsidered." *Review of Regional Studies* 41(2/3): 161-177
45. MS Kahsai, TG Gebremedhin, **PV Schaeffer**, 2011. "Spatial Analysis of Amenity and Regional Growth in the U.S. Northeast." *Review of Urban and Regional Development Studies*, 23(2/3): 77-93

44. **PV Schaeffer**, MS Kahsai, 2011, "A Theoretical Note on the Relationship between Documented and Undocumented Immigration." *International Journal of Population Research*. Article ID 873967, 7 pages, <http://dx.doi.org/10.1155/2011/873967>
43. GH Gebremariam, TG Gebremedhin, **PV Schaeffer**, RW Jackson, TT Phipps, 2011. "A Spatial Model of Regional Variations in Employment Growth in Appalachia." *Revue Région et Développement*, 33: 161-184
42. S Cheng and **PV Schaeffer**, 2011 "Evaluation without Bias: A Methodological Perspective of Performance Measures for Business Incubators." *Revue Région et Développement*, 33, 211-225
41. GH Gebremariam, TG Gebremedhin, **PV Schaeffer**, 2011. "Employment, Income, and Migration in Appalachia: A Spatial Simultaneous Equations Approach." *Journal of Regional Science*, 51(1): 102-120
40. MN Mojica, TG Gebremedhin, **PV Schaeffer**, 2010. "Valuing Community Attributes in Rural Counties of West Virginia: A Data Envelope Analysis." *Journal of Rural and Community Development*, 5(3): 133-142
39. MS Kahsai, **PV Schaeffer**, 2010. "Deconcentration, Counter-urbanization, or Trend Reversal? The Population Distribution of Switzerland Revisited." *The Open Urban Studies Journal* 3: 89-102
38. GH Gebremariam, TG Gebremedhin, **PV Schaeffer**, 2010. "Analysis of County Employment and Income Growth in Appalachia: A Spatial Simultaneous-Equations Approach." *Empirical Economics* 38(1):23-45
37. MN Mojica, T Gebremedhin, **P Schaeffer**, 2010. "A County-level Assessment of Entrepreneurship and Economic Development in Appalachia Using Simultaneous Equations." *Journal of Developmental Entrepreneurship* 15(1): 3-18
36. **P Schaeffer**, 2010. "Refugees: On the Economics of Political Migration." *International Migration* 48(1), 1-22
35. **PV Schaeffer**, 2009. "Imperfection as the Norm." Presidential address, Annual Southern Regional Science Association Meeting, San Antonio, TX. *Review of Regional Studies* 39(1): 1-7
34. **PV Schaeffer**, TG Gebremedhin, 2009. "Expected Time to Employment as a Function of Labor Market Size: A Theoretical Note." *Review of Regional Studies* 39(3): 287-295
33. MN Mojica, TG Gebremedhin, **PV Schaeffer**, 2009. "An Empirical Analysis of the Link between Entrepreneurship and Economic Growth in West Virginia." *IU Journal of Entrepreneurship Development* 6(3&4): 39-53
32. **PV Schaeffer**, MS Kahsai, 2009. "Evaluating the H-1B Visa Program: Theoretical Issues." *China-USA Business Review* 8(11): 44-54
31. **PV Schaeffer**, S Loveridge, 2009. "Regional Science and State Rural Policy Research." *International Regional Science Review*, 32(4): 509-522
30. MF Walsh, **PV Schaeffer**, 2008. "Exploring Gap Analysis to Evaluate Participant Satisfaction of Economic Development Planning Programs." *Community Development: Journal of the Community Development Society*, 39(3): 115-129
29. **PV Schaeffer**, 2008. "Thoughts Concerning the Economic Valuation of Landscapes." *Journal of Environmental Management* 89(3): 146-154
28. **P Schaeffer**, S Weiler, 2007. "Frontier Issues in Rural and Regional Development." Guest editors' introduction to special issue of *The Review of Regional Studies* 37(3): 279-281
27. **PV Schaeffer**, 2006. "Outline of an Economic Theory of Assimilation." *Journal of Regional Analysis and Policy* 36(2): 153-160
26. **P Schaeffer**, 2005. "Human Capital, Migration Strategy, and the Brain Drain." *Journal of International Trade and Economic Development* 14(3): 319-335 [Abstracted in *Journal of Economic Literature*, [http://www.e-jel.org/cites/IS0963/AN0829406.cgi?Schaeffer0829406---Authors+of+Journal+Articles+\(S\)](http://www.e-jel.org/cites/IS0963/AN0829406.cgi?Schaeffer0829406---Authors+of+Journal+Articles+(S))]
25. **PV Schaeffer**, 2004. "PV Schaeffer on Richardson's *Regional Economics* (1969)." Section 3.4.2 of BS Waldorf *et al.*, "Path-breaking Books in Regional Science." *Papers in Regional Science* 83(1): 82-84 [Invited, Golden Anniversary Issue of *PRS*. Reprinted in RJGM Florax and DA Plane, editors. *Fifty Years of Regional Science*. Springer Verlag, Advances in Spatial Science Series, 2004]

24. HN Boone, Jr., **PV Schaeffer**, JL Lewis, 2003. "Consumer-driven Agriculture as a Means to Promote Rural Income and Employment Opportunities: A Case Study of West Virginia." *Applied Research in Economic Development* 1(2): 19-32
23. JO Bukenya, TG Gebremedhin, **PV Schaeffer**, 2003. "Analysis of Rural Quality of Life and Health: A Spatial Approach." *Economic Development Quarterly* 17(3): 280-293
22. JO Bukenya, TG Gebremedhin, **PV Schaeffer**, 2003. "Analysis of Quality of Life and Rural Development: Evidence from West Virginia Data." *Growth and Change* 34(2): 202-218
21. **PV Schaeffer**, S Loveridge, 2002. "Toward an Understanding of Types of Public-Private Cooperation." *Public Performance and Management Review* 26(2): 169-189
20. E Lange, **P Schaeffer**, 2001. "A Comment on the Market Value of A Room with a View." *Landscape and Urban Planning* 55(2): 113-120
19. Y Lee, T Cameron, **PV Schaeffer**, CG Schmidt, 1997. "Ethnic Minority Small Business: A Comparative Analysis of Restaurants in Denver." *Urban Geography* 18(7): 591-621
18. **PV Schaeffer**, RS Mack, 1997. "An Appraisal of the Conceptual Foundations of the New International Division of Labor." *Journal of Planning Literature* 12(1): 3-15 [Abstracted in *International Advances in Economic Research* 3(4, 1997): 423]
17. **PV Schaeffer**, 1995: "The Work Effort and the Consumption of Immigrants as a Function of their Assimilation." *International Economic Review* 36(3): 625-642 [Abstracted in *Journal of Economic Literature* 34 (1, 1996): 543]
16. RS Mack, **PV Schaeffer**, 1993. "Nonmetropolitan Manufacturing in the United States and Product Cycle Theory: A Review of the Literature." *Journal of Planning Literature* 8(2): 124-139 [Abstracted in *Atlantic Economic Journal* 20(3, September 1992): 93]
15. **PV Schaeffer**, 1993. "A Definition of Migration Pressure Based on Demand Theory." *International Migration* 31(1): 43-72. [First published in 1991 as part of an ILO Working Paper by WR Böhning, PV Schaeffer, T Straubhaar, 1991. *Migration Pressure: What is it? What can one do about it?* International Labour Office, Geneva: World Employment Programme Working Paper, MIG WP.55]
14. **PV Schaeffer**, 1992. "Deconcentration, Counter-Urbanization, or Trend Reversal? The Population Distribution of Switzerland, 1900-1980." *Socio-Economic Planning Sciences* 26(2): 89-102 [Abstracted in *Population Index on the Web* 59(1, Spring 1993)]
13. **P Schaeffer**, 1992. "Auswirkungen demographischer Entwicklung auf das Städtewachstum." ("Effects of Demographic Developments on the Growth of Cities.") *Schweizerische Zeitschrift für Volkswirtschaft und Statistik/Swiss Journal of Economics and Statistics* 128(3): 369-381
12. **PV Schaeffer**, 1991. "Guests Who Stay." *Geographical Analysis* 23(3): 247-260
11. **PV Schaeffer**, CA Millerick, 1991. "The Impact of Historic District Designation on Property Values: An Empirical Study." *Economic Development Quarterly* 5(4): 301-312 [reprinted as Chapter 17 in Volume II of KG Willis and G Garrod, editors: *Valuing Environment and Natural Resources*. Cheltenham, UK: Edward Elgar, 2012]
10. W Sander, **PV Schaeffer**, 1991. "Schooling and Urban Employment: 1980-84." *Journal of Economics and Business* 43(1): 69-77
9. **PV Schaeffer**, LJ Cherene, 1989. "The Inclusion of 'Spinning Reserves' in Investment and Simulation Models for Electricity Generation." *European Journal of Operational Research* 42(2): 178-189
8. **PV Schaeffer**, 1988. "Family Migration in an Uncertain Environment." *Socio-Economic Planning Sciences* 22(5): 221-227
7. **PV Schaeffer**, 1987. "A Family Model of Migration." *Socio-Economic Planning Sciences* 21(4): 263-269
6. **PV Schaeffer**, LD Hopkins, 1987. "Behavior of Land Developers: Planning and the Economics of Information." *Environment and Planning A* 19(9): 1221-1232
5. **PV Schaeffer**, 1987. "A Dynamical Model of Labor Market Change in International Labor Migration When Demand for Labor is Exogenous." *Environment and Planning A* 19(8): 1051-1057
4. **PV Schaeffer**, TJ Kim, 1985. "Empirical Analysis of the Impact of a Landlord-Tenant Ordinance on Property Values." *Socio-Economic Planning Sciences* 19(1): 21-26
3. **PV Schaeffer**, 1985. "Human Capital Accumulation and Job Mobility." *Journal of Regional Science* 25(1): 103-114 [Abstracted in *Journal of Economic Literature* 23(3, 1985): 1663]

2. **PV Schaeffer**, 1984. "Barriers and Foresight in International Labor Migration." *Environment and Planning A* 16(4): 451-466
1. **PV Schaeffer**, 1979. "If Cities Are So Great, Why Are People Leaving? A Comment." *Environment and Planning A* 11: 1321-1322

Chapters in Books and Proceedings

14. **PV Schaeffer**, 2017. "Directions in Migration Research." Chapter 18 in RW Jackson, PV Schaeffer, editors, in print, *Regional Research Frontiers: The Next 50 Years*. Vol. I: 299-316
13. **PV Schaeffer**, E Kouassi, 2013. "Preface." In PV Schaeffer and E Kouassi, editors, *Econometric Methods for Analyzing Economic Development*. IGI Global, Hershey, PA: xv-xix
12. **C Nondo, MS Kahsai, PV Schaeffer**, 2013. "Role of Governance in Teledensity and Economic Growth: GMM Estimation." Chapter 15 in PV Schaeffer and E Kouassi, editors, *Econometric Methods for Analyzing Economic Development*. IGI Global, Hershey, PA: 262-278
11. **MN Mojica-Howell**, WL Wittacker, TG Gebremedhin, **PV Schaeffer**, 2012. "Examining the Bidirectional Relationship between Entrepreneurship and Economic Growth: Is Entrepreneurship Endogenous?" In T Burger-Helmchen, editor: *Entrepreneurship*. Rijeka, Croatia: INTECH: 283-316
10. **P Schaeffer**, S Cheng, **M Middleton**, 2011. "Incubators in Rural Environments: A Preliminary Analysis." In K Kourtis, P Nijkamp, R Stough, editors, *Drivers of Innovation, Entrepreneurship and Regional Dynamics*, Springer Verlag, Advances in Spatial Science: 271-290
9. **PV Schaeffer**, 2010. Contributor to *OECD Rural Policy Review: Quebec, Canada*. Paris: OECD, 302 pages, ISBN 978-92-64-08214-4
8. **PV Schaeffer**, 2008. "Economic Development." In G Goreham, editor, *Encyclopedia of Rural America: The Land and the People*, 2nd edition. Millerton, NY: Grey House Publishing: 287-291
7. **JL Lewis**, HN Boone, **PV Schaeffer**, RA Dailey, 2002. "How Farmers in a Mid-Atlantic State Use Value-Added Processing to Increase Annual Income." *56th Annual AAAE Eastern Research Conference Proceedings*
6. S Loveridge, **PV Schaeffer**, 2000. "Introduction." In PV Schaeffer and S Loveridge (eds.): xiii-xvi
5. **PV Schaeffer**, 2000. "Introduction: Attracting Large-Scale Industry." In PV Schaeffer and S Loveridge (eds.), Chapter 17: 135-137
4. **PV Schaeffer**, 2000. "Introduction: Public- vs. Private-Sector Roles." In PV Schaeffer and S Loveridge (eds.), Chapter 23: 197-198
3. W Maki, D Platas, **PV Schaeffer**, 1996. "Regional Attributes of the New International Division of Labor." *Proceedings of the 36th European Congress of the Regional Science Association*. Zurich, Switzerland, August 26-30
2. Y Lee, **PV Schaeffer**, T Cameron, CG Schmidt, 1993. "Chinese Immigrant and African American-owned Small Business: A Comparative Analysis in Denver," in Naomi Carmon, editor: *Immigrants: Liability or Asset? Collection of papers submitted to the International Workshop on Immigrant Absorption: The Interface between Research and Policy Making*. Haifa, Israel, May 30-June 2: 203-246
1. K Hanson, **PV Schaeffer**, 1981. "The Emergence of Complex Behavior in a Regulated Monopoly." *Proceedings of the 20th IEEE Conference on Decision and Control, including the Symposium on Adaptive Processes*, Vol. 1: 1396-1400

Other Articles, Communications, and Abstracts

18. **PV Schaeffer**, 2010. "International Migration – A Long-term Perspective." *The Forum: Journal of International Affairs and Economics*, Fall 2010: 25-27. Center for International Relations, Arlington, VA. Online at: <http://www.ia-forum.org/>. Invited. Issue also available in hard copy
17. **PV Schaeffer**, 2009. Oped: "W.Va., U.S. Must Switch to Alternative Energy." *Charleston Gazette*, November 12
16. S Cheng, **PV Schaeffer**, RW Jackson, 2009. "Collaborative Research: Evaluation without Bias: New Performance Measures for Business Incubators in Rural America." AFRI Rural Development Project Director Meeting, USDA National Institute of Food and Agriculture. Waterfront Center, Washington, DC, October 22: page 30

15. G Gebremariam, T Gebremedhin, **P Schaeffer**, R Jackson, T Phipps, 2007. "An Empirical Analysis of Employment, Migration, Local Public Services and Regional Income Growth in Appalachia," *Agricultural and Resource Economics Review* 36(2): 352 [Abstract]
14. G Gebremariam, T Gebremedhin, **P Schaeffer**, T Phipps, R Jackson, 2007. "A Spatial Panel Simultaneous-equations Model of Business Growth, Migration Behavior, Local Public Services and Household Income in Appalachia," *Agricultural and Resource Economics Review*, 36(2): 351 [Abstract]
13. **P Schaeffer**, 2007. "The Catholic Church and Immigration." *Social Concern Notes* 4(6, June): 1-2. Catholic Churches of Monongalia County, WV
12. **PV Schaeffer**, 2002. "Rural Development: Identifying the Link between Community, Household Assets." *Southern Perspectives* 5(4): 1-4
11. "Building Community Wealth," co-editor with J Schuchardt and AE Smith, summer issue of *Southern Perspectives*. Southern Rural Development Center. September 2002
10. JL Lewis, HN Boone, **PV Schaeffer**, RA Dailey, 2002. "How Farmers in West Virginia Use Value-Added Processing to Increase Annual Income." *Annual Report of the West Virginia Agricultural and Forestry Experiment Station*
9. **P Schaeffer**, 1997. "Cooperatives in Modern Agriculture." *West Virginia Ag Ed News and Views* 47(5, December): 1-2
8. **P Schaeffer**, 1996. "The Value of Good Manners." *West Virginia Ag Ed News and Views* 46(1, January-February): 4
7. E Smith, **PV Schaeffer**, E Jones, S Stefanou, WC Thiesenhusen, 1995. "Lessons from Eastern Europe and the Former Soviet Republics on Approaches to the Policy Sciences." *American Journal of Agricultural Economics* 77(5): 1351-1352 [Abstract of session organized with Eldon Smith for the annual meeting of the American Agricultural Economics Association, Indianapolis, IN. August 6-9, 1995]
6. **PV Schaeffer**, WH Sander III, 1988. "Investing in Education: Payoffs in Employment Growth." *Policy Forum* 1(1): 1-4 [A version of this article has also been published as "Schooling and Urban Employment Growth" in the Education Resources Information Center, ERIC# ED312331]
5. W Sander, **PV Schaeffer**, 1988. "Schooling, Taxes, and State Employment Changes." *Illinois Business Review* 45(2): 2-4
4. **PV Schaeffer**, 1987. "Economists Look at Land Use Regulation." *Planning and Public Policy* 13 (March): 1-4
3. **PV Schaeffer**, 1987. "Viewpoint." [Topic: The role of unions in local economic development.] *Planning* 53(7): 46
2. LD Hopkins, **PV Schaeffer**, 1987. "Cost vs. Benefits in Planning." Letter to the Editors, *Journal of the American Planning Association* 53(2): 267-268
1. **PV Schaeffer**, 1983. "Immigration into the United States: An Important Issue for State and Local Governments." *Planning and Public Policy* 9(February): 1-3

Other Papers and Reports

44. **PV Schaeffer**, RW Jackson, E Bowen, 2018. "Implicit Regional Economic Goals and Objectives: A Study of US Development Programs." Regional Research Institute Working Paper 2018-06
43. M Murray, **P Schaeffer**, 2018. *Human Capital and the CIE*. Part 5 of: *An Economic Analysis of the Appalachian Coal Industry Ecosystem*. 83 pp. Appalachian Regional Commission
42. MS Kahsai, J Yu, M Middleton, **PV Schaeffer**, RW Jackson, 2015. "A Framework for Measuring County Economic Resilience: An Application to West Virginia." Regional Research Institute Working Paper 2015-03
41. DS Bieri, **PV Schaeffer**, 2014. "The Treatment of Money in Regional Economics: A Reprise." Paper presented at the 61st North American Meetings of the Regional Science Association International, Washington, DC, November 12-15
40. M Middleton, **PV Schaeffer**, RW Jackson, 2012. "An Analysis of Administrative "Best Practices" in the Administration of Business Incubators." Regional Research Institute Working Paper 2012-05

39. RW Jackson, **PV Schaeffer**, M Middleton, 2012. "Metro and Non-Metro Business Incubators: Similarities and Critical Differences." Regional Research Institute Working Paper 2012-03
38. MS Kahsai, YG Hailu, C Nondo, **PV Schaeffer**, 2011. "The Role of Institutional Quality in FDI Inflows in Sub-Saharan Africa (SSA)." Regional Research Institute Working Paper 2011-03
37. C Nondo, **PV Schaeffer**, TG Gebremedhin, JJ Fletcher, 2010. "An Empirical Analysis of the Interactions between Environmental Regulations and Economic Growth." Regional Research Institute Working Paper 2010-03
36. R Gragg, K Sochats, W Walsh, G Woodbury, **P Schaeffer**, J Iwan, R Russell, A Reggiani, A Dobusch, 2010. Key Indicators of Community Resilience and a Framework for Assessing Community Resilience. Resilient Communities Research Consortium Working Paper.
35. **PV Schaeffer**, 2010. "Knowing our Community." Contribution to Community Design Team report for Rainelle, Greenbrier County, WV
34. **P Schaeffer**, G Wingo, N Kayel, E Fitz, M Stalebrink, 2008. "Resource Development: SWOT Analysis." *Reflecting Back, Looking Forward*, Meghan Stalebrink, editor. Town of Clay, Clay County, West Virginia, Community Design Team, April 2007: 13-24
33. AE Smith, **PV Schaeffer**, 2008. "Staunton's Emerging Entrepreneurial Economy." Consultant's report prepared for the Staunton Creative Community Fund, Inc., Staunton, VA. April 2008, 28 pages
32. **P Schaeffer**, M Stalebrink, editors, 2007. *The Past Reflected in the Hopes for the Future. A Report of the Community Design Team Visit to Mount Hope, Fayette County, October 5-8, 2006*. 45 plus iv pages. Lead-editor and contributor
31. **PV Schaeffer**, 2007. "Introduction to Labys Symposium.: May 7, 2007, 6 pages
30. GH Gebremariam, TG Gebremedhin, **P Schaeffer**, 2006. "County-Level Determinants of Local Public Services in Appalachia: A Multivariate Spatial Autoregressive Model Approach." Regional Research Institute Working Paper 2006-09
29. GH Gebremariam, TG Gebremedhin, **P Schaeffer**, 2006. "Modeling Small Business Growth, Migration Behavior, and Household Income in Appalachia: A Spatial Simultaneous Equations Approach." Regional Research Institute Working Paper 2006-08
28. GH Gebremariam, TG Gebremedhin, **P Schaeffer**, 2006. "An Empirical Analysis of County-Level Determinants of Small Business Growth and Poverty in Appalachia: A Spatial Simultaneous-Equations Approach." Regional Research Institute Working Paper 2006-03
27. **PV Schaeffer**, 2006. "The Quiet European Revolution since 1950." Discussion paper prepared for invited panel presentation at West Virginia University Law School, March 24, 2006, 9 pages
26. **P Schaeffer**, M Stalebrink, editors, 2006. *A Union of the Past and the Future. A Report of the Community Design Team Visit to Union, Monroe County, June 15-17, 2006*. 31 plus iv pages. Lead-editor and contributor
25. J Bukenya, T Gebremedhin, D Smith and **P Schaeffer**, 2003. "An Empirical Analysis of Quality of Life and Health in Selected Regions of West Virginia." Morgantown, WV: West Virginia Agricultural and Forestry Experiment Station Research Bulletin No. 726
24. J Bukenya, T Gebremedhin, D Smith, **P Schaeffer**, 2003. "An Empirical Analysis of Income Distribution in West Virginia." Morgantown, WV: West Virginia Agricultural and Forestry Experiment Station Research Bulletin No. 725. [Paper presentation abstracted in *Journal of Agricultural and Applied Economics* 34(2, 2002): 372.]
23. JO Bukenya, TG Gebremedhin, **PV Schaeffer**, 2002. "Parametric and Non-Parametric Testing for Income Convergence." Regional Research Institute Working Paper 2002-08 [Paper presentation abstracted in *Journal of Agricultural and Applied Economics* 33(3, 2003): 626]
22. **PV Schaeffer**, 2002. "Toward a Regional Economic Development Strategy for the Greater Kunming Area: Progress Report." Report to the Institute for Local, Regional and National Planning, Swiss Federal Institute of Technology, Zurich. June, 13 pages
21. **P Schaeffer** and A Smith, 2002. "Highland Harvest LLC: Community Assets and Social Impacts." May, 10 pages
20. **P Schaeffer** and J Lewis, 2001. "Highland Harvest LLC Market Study." November, 7 pages

19. **PV Schaeffer**, 2001. "Toward a Regional Economic Development Strategy for the Greater Kunming Area." Report to the Institute for Local, Regional and National Planning, Swiss Federal Institute of Technology, Zurich. August, 22 pages
18. **P Schaeffer**, 2000. "Can Tenure be Justified?" Unpublished draft paper, 8 pages
17. **JO Bukenya, PV Schaeffer, TG Gebremedhin**, 2000. "The Effect of Wage Differentials and Regional Job Growth on Migration: A Case of West Virginia." Regional Research Institute Working Paper 2000-03
16. **P Schaeffer**, 2000. "Triebkräfte der Migration: Beobachtungen eines Arbeitsmigranten über die Schweiz" (Determinants of Migration: Observations of a Labor Migrant about Switzerland), 10 pages. Position paper for. AWA Director and Schaeffer presented report to the press on April 19, 2000. News reports² in *Handelszeitung* (business weekly, 32,000 subscribers and 140,000 readers), April 26, 2000: 9 and *Tages-Anzeiger* (daily news, 232,000 subscribers and 567,000 readers), May 8, 2000
15. **Q Zhou, P Schaeffer, W Labys**, 1998. "Asymmetric Behavior of Economic Time Series: The Consumer Prices Case." Paper presented at the June 1998 Northeastern Agricultural and Resource Economics Association (NAREA) Meeting, Ithaca, NY
14. **D Crocker, GE D'Souza, TT Phipps, P Schaeffer**, 1998. "Role of Brownfields in Sustainable Land Use: A Spatial Econometric Approach." West Virginia University, Division of Resource Management, RM Publication No. 98-03
13. **PV Schaeffer**, 1997. "Regional Wage Rate Convergence and Job Mobility." 26 pages. Paper presented at annual meeting of the Southern Regional Science Association, Memphis, TN, April 1997
12. **PV Schaeffer**, 1995. "Economic Perspectives on Human Migration." Division of Resource Management, West Virginia University. 38 pages
11. **PV Schaeffer, JJ Fittipaldi, P Armstrong**, 1988. *An Economic Assessment of Renovating Temporary Wood Frame Buildings*. USA-CERL Report N-88/21, U.S. Army Corps of Engineers, Construction Research Laboratory. 66 pages
10. **PV Schaeffer**, with the assistance of **J Wildman**, 1986. "The Role of Elected Local Government Officials in Promoting Economic Development." Report and narrated slide show for Community Information and Education Service, Continuing Education and Public Service, University of Illinois at Urbana-Champaign
9. **LD Hopkins, PV Schaeffer**, 1985. "The Logic of Planning Behavior." Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, Planning Papers 85-3
8. **PV Schaeffer**, 1985. "The Economics of Information and Property Rights: Additional Topics for Planning Education." Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, Planning Papers 85-11
7. **PV Schaeffer**, 1984. *Assessment of the Economic Impact of the Berm Highway Completion on Alton's Central Business District*. Consultant's report to the Illinois Department of Transportation
6. **LD Hopkins and P Schaeffer**, 1983. "Rights in Land and Planning Behavior: A Comparative Study of Mountain Resort Development." Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign
5. **P Schaeffer**, 1983. "International Labor Migration in Europe: An Overview." Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign
4. **P Schaeffer**, 1982. "Job Security and Hiring Policy." Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign
3. **LJ Cherene, P. Schaeffer**, 1980. "An Integrated Capacity Expansion and Load Dispatching Algorithm for Electricity Generation." MRG Working Paper #8025, University of Southern California, Department of Economics. [This paper presents the development of the theoretical model used in Schaeffer and Cherene, 1989, see "Refereed Journal Articles"]

² Circulation numbers obtained from the papers' homepages at the time

2. **PV Schaeffer**, LJ Cherene, 1979. "Integer and Mixed Integer Linear Programming Models of Investment in the Electric Power Industry." In R.H. Day, editor, *Decisions Methodology Relative to the Adoption of New Technology: Load Curves and the Capacity Expansion Decision*. Palo Alto, CA: Electric Power Research Institute, Research Project 1298-2, pp. 4.1 – 4.82
1. 1974-76: author and co-author of consultants' reports when employed by Carl Fingerhuth und Partner, Zurich, Switzerland, particularly with respect to the Swiss Federal Law on Investment Aid in Mountain Regions (Bundesgesetz über Investitionshilfe für Berggebiete, IHG 1974). Topics: Financial planning in rural communities in central Switzerland; population forecasting in Fribourg.

Book Reviews

19. Amitrajeet A. Batabyal and Peter Nijkamp, editors, The Region and Trade: New Analytical Directions. *Regional Studies* 52(8, 2018): 1162-1163
18. Jati Sengupta and Phillip Fanchon, Efficiency, Market Dynamics and Industry Growth. *Review of Regional Studies*, 41(2/3, 2011): 209-211
17. Jean-Luc Gaffard and Evens Salies, Editors, Innovation, Economic Growth, and the Firm. *Review of Regional Studies* 41(1, 2011): 65-67
16. Joel Waldfogel, The Tyranny of the Market: Why you can't Always get What you Want. *Journal of Regional Science* 50(3, 2010): 776-778
15. Robert D. Atkinson, The Past and the Future of America's Economy: Long Waves of Innovation That Power Cycles of Growth. *Journal of Urban Technology* 13(2, 2006): 123-125
14. Tony Champion and Graeme Hugo, New Forms of Urbanization: Beyond the Urban-Rural Dichotomy. *Journal of Regional Science* 45(3, 2005): 636-638
13. Luis Suarez-Villa, Invention and the Rise of Technocapitalism. *Journal of Regional Science* 42(3, 2002): 632-633
12. Amy Glasmeier, Manufacturing Time: Global Competition in the Watch Industry, 1795-2000. *Journal of Regional Science* 41(4, 2001): 805-808
11. Aura Reggiani, editor, Spatial Economic Science: New Frontiers in Theory and Methodology. *Papers in Regional Science* 80(2001): 513-515
10. Thomas Michael Power, Lost Landscapes and Failed Economies. *Landscape and Urban Planning* 40(1998): 325-326
9. Norman Walzer, editor, Community Strategic Visioning Programs. *Journal of Regional Science* 38(2, 1998): 375-377
8. Emery N. Castle, editor, The Changing American Countryside: Rural People and Places. *Journal of Regional Science* 37(1, 1997): 160-163
7. Alejandro Portes and Alex Stepick, City on the Edge: The Transformation of Miami. *International Migration Review* 28(4, 1994): 894-896
6. Edward Bergman, Gunther Maier and Franz Tödtling, editors, Regions Reconsidered: Economic Networks, Innovation, and Local Development in Industrialized Countries. *Journal of Regional Science* 34(1, 1994): 119-121
5. Ashok K. Dutt and Frank J. Costa, editors, Perspectives on Planning and Urban Development in Belgium, and Thomas Hall, editor, Planning and Urban Growth in the Nordic Countries. *Journal of Regional Science* 33(4, 1993): 584-586
4. Helen F. Ladd and John Yinger, America's Ailing Cities. *Journal of the Community Development Society* 20(2, 1989): 112-113
3. Robin M. Hogarth and Melvin W. Reder, editors, The Behavioral Foundations of Economic Theory. *Journal of Planning Education and Research* 7(2, 1988): 110-112
2. Charles F. Muller, The Economics of Labor Migration: A Behavioral Analysis. *Journal of the American Planning Association* 51(4, 1985): 522-523
1. Neil Smith, Uneven Development. *Journal of Planning Education and Research* 5(1, 1985): 66

Grants for Research, Outreach, Teaching, and Administrative Projects (PI or Co-PI)

20. 2016-2017: Appalachian Regional Commission (Project #10021048, Award #1007020R): \$349,999 An Economic Analysis of Appalachian Coal Industry Ecosystems. WVU participants: J Deskins, RW Jackson (project director), P Jarosi, **PV Schaeffer**. University of Tennessee participants: M Burton, M Murray
19. 2008-2012: USDA/CSREES, National Research Initiative Competitive Grants Program (Grant #2008-55401-04487): \$499,965, Evaluation without Bias: New Performance Measures for Business Incubators in Rural America. WVU participants: RW Jackson, **PV Schaeffer** (project director), George Mason University participants: K Haynes, J Riggle, Florida International University participant: S Cheng
18. 2003-2006: Claude Worthington Benedum Foundation (Grant Reference #20030177): \$200,000, Supporting and Sustaining Entrepreneurial Communities—Developing a Statewide Network of Regional Clusters in West Virginia, J Kriesky (June 2003-January 2004), **P Schaeffer** (project director), R Sobel
17. 2003-2004: Claude Worthington Benedum Foundation (Grant Reference #20030045): \$10,000, Organizational Development and Capacity Building for Lightstone Community Development Corporation. **PV Schaeffer**, AE Smith (project director), J Kriesky
16. 2003-2004: Mary Reynolds Babcock Foundation: \$10,000, Organizational Development and Capacity Building for Lightstone Community Development Corporation. AE Smith (project director), J Kriesky, **PV Schaeffer**
15. 2003: Brown Faculty Development Fund, Davis College, West Virginia University: \$1,000, Community and Natural Resource Economic Development in West Virginia: An Educational Curriculum and the Role of WVU. D Smith, **P Schaeffer**
14. 1998-2003: USDA/Natural Resources Conservation Service (Grant #68-7482-8-411): \$24,000, Co-operative Agreement to Strengthen Programs in the Area of Environmental Sustainability at the Watershed Scale. J Coster (project director), **P Schaeffer**. Schaeffer served as project director after Dr. Coster's retirement in 2000
13. 2001-2002: USDA/CSREES Small Business Innovative Research Grant (Grant #2001-33610-10455): \$70,000, Highland Harvest LLC Food Processing and Marketing Economic Development Cluster. H Christie (industry partner and project director), A Smith (Lightstone Foundation, Inc.), and **P Schaeffer**
12. 1992: City of Greenwood Village, Colorado: \$10,800, Neighborhood Planning Workshop
11. 1991: University of Colorado at Denver, Teaching Enhancement Grant: \$700, Course Development
10. 1990: University of Colorado, President's Fund for Information Technology: \$2,500 (equipment grant), GIS laboratory, LE Johnson, **P Schaeffer**
9. 1987: Village of Morrisonville, Christian County, Illinois: \$2,050, Community Economic Development Planning
8. 1986: U.S. Army Corps of Engineers, Construction Engineering Research Laboratory (Contract #DACA88-86-0001): \$56,179, Evaluation of WWII Barracks
7. 1986: University of Illinois at Urbana-Champaign, Research Board: \$3,080, Migration Study
6. 1986: University of Illinois at Urbana-Champaign, Illinois Institute of Government and Public Affairs: \$4,000, Public Education and Economic Development, W Sander, **P Schaeffer**
5. 1985: University of Illinois at Urbana-Champaign, Community Information and Education Service, Continuing Education and Public Service: \$1,600, Development of a Slide Show on the Role of Elected Local Public Officials in Economic Development
4. 1984: Bourbonnais Economic Development Corporation, Bourbonnais, Kankakee County, Illinois: \$3,858, Commercial Development Planning
3. 1983: Village of Blue Mound, Macon County, Illinois and Community Information and Education Service, Continuing Education and Public Service, University of Illinois at Urbana-Champaign: \$2,500, Community Economic Development Planning
2. 1983: University of Illinois at Urbana-Champaign, Research Board: \$3,800, Comparative Mountain Resort Town Development, LD Hopkins, **P Schaeffer**
1. 1983: University of Illinois at Urbana-Champaign, Office of Real Estate Research: \$8,008, Impact of Landlord-Tenant Ordinance, TJ Kim, **P Schaeffer**

Capacity Grants³, West Virginia Agricultural and Forestry Experiment Station:

7. 2017-2020: WVA00692-Regional Location of Knowledge-Based Economic Activities: Implications for Rural Economies of Appalachia. **P Schaeffer** (project director), TG Gebremedhin
6. 2011-2016: WVA00631-An Empirical Analysis of the Relationship between Real Estate Investments and Economic Development in the Northeast Region of the United States. TG Gebremedhin (project director), **P Schaeffer**
5. 2009-2011: WVA00504-The Role of Entrepreneurship in Economic Development in Appalachia: An Empirical Analysis. TG Gebremedhin (project director), **P Schaeffer**
4. 2007-2011: WVA00490-The Role of Amenities in the Rural Economic Development of the Northeast Region. TG Gebremedhin (project director), **P Schaeffer**
3. 2002-2006: WVA00419-An Analysis of the Role of Small Business in Rural Development in West Virginia. TG Gebremedhin (project director), **PV Schaeffer**
2. 2001-2006: WVA00416-Evaluation of Land Uses, Policy, and Amenity Benefits of Land in West Virginia. JJ Fletcher (project director), TT Phipps, **PV Schaeffer**, CB Yuill
1. 1999-2005: WVA00409-Policy Implications of Changes in Rural Employment, Poverty and Income Distribution in West Virginia. TG Gebremedhin (project director), DK Smith, **PV Schaeffer**

Consulting

8. Organisation for Economic Cooperation and Development (OECD), external expert, Rural Policy Review of Quebec, Canada. March-July 2009
7. Swiss Directorate for Development and Cooperation (DEZA) through Institute for Spatial and Landscape Planning, Swiss Federal Institute of Technology-Zurich: Shaxi Valley: Regional Economic Development Strategy. Phase VI of “Training and Research Program Environment, China.” 2008-09
6. City of Staunton, VA, Industrial Development Authority: Establishment and Management of a Community Development Finance Corporation. December 2007-April 2008 (phase I). Resulted in establishment of a non-profit micro-lending institution
5. Swiss Federal Commission of Universities of Applied Sciences (Schweizerische Fachhochschulkommission): Issues and challenges associated with changing existing degree options to bachelor and master degrees. Stein am Rhein, Switzerland, May 18, 2005
4. Swiss Directorate for Development and Cooperation, (DEZA) Swiss Federal Government, through Institute of Local, Regional and National Planning, Swiss Federal Institute of Technology-Zurich: Planning an economic development strategy for the Greater Kunming Area, Yunnan Province, P.R. China, April 2000-July 2002. Two visits to Kunming
3. Office for Economic Development and Labor, Canton of Zurich, Switzerland: Migration of highly skilled labor. March-April 2000. [Interview with business weekly *Handelszeitung*, April 26, 2000: 9]
2. North Trondelag University College (Høgskolen i Nord-Trøndelag), Steinkjer, Norway: Large investments in sparsely populated, remote regions, May 17-27, 1999
1. Illinois Department of Transportation: Impact of proposed Berm Highway in Alton, IL, 1983-84

Conference Presentations and Guest Lectures since 1982

Since 1982, I have authored or co-authored over 100 conference and seminar presentations at international, national and regional conferences. I also served as panelist, conference chair, on conference committees, as organizer of conference sessions, and as session chair and discussant. Made invited presentations at universities and colleges in the United States, PR China, Greece, Iceland, Norway, the Netherlands, and Switzerland, and to non-academic professional audiences in the United States, the Netherlands, Switzerland, and PR China.

³ Capacity grants, also known as Hatch-funds, are funded by the USDA and matched by the state at a ratio of no less than 1-to-1 (which is the matching ratio by the State of West Virginia). The typical award was \$20,000 to \$40,000.

Editorial/Advisory Board Memberships

1. *Avant Garde*, 1989-1993
2. *Energies*, since 2014, Section Editor-in-Chief for "Energy Economics and Policy," since 2018
3. IGI Global, Advisory Board – Book Series *Advances in Finance, Accounting, and Economics*, since 2017
4. *International Economics and Economic Policy*, since 2013
5. *International Journal of Agricultural Extension*, since 2013
6. *International Journal of Information Systems and Social Change*, 2009-2018
7. *International Journal of Sustainable Society*, since 2009
8. *International Regional Science Review*, since 1995
9. *Journal of Planning Education and Research*, 1989-2006
10. *Journal of Planning Literature*, since 1996
11. *Journal of Stock and Forex Trading*, since 2011
12. *The Open Urban Studies Journal*, since 2007

Current Professional Affiliations

- American Economic Association
- Regional Science Association International
- Southern Regional Science Association

TEACHING

- **Member of the Graduate Faculty of:** (1) Davis College of Agriculture, Natural Resources, and Design and (2) Department of Economics, John Chambers College of Business and Economics; West Virginia University
- **Doctoral-Level Courses Taught:** Regional Economics; Migration Theory; Capitalism: Past and Present; Teaching Practicum; Graduate Seminar
- **Master-Level Courses Taught:** Applied Econometrics; Statistical Methods; Natural Resource Planning and Management; Professional Ethics for Urban and Regional Planners; Local Public Finance; Urban Economics; Urban Economic Development; Research Methods; Graduate Seminar
- **Undergraduate Courses Taught:** Intermediate Microeconomics; Rural Economic Development; Agricultural, Environmental, and Resource Policy; Principles of Microeconomics; Principles of Macroeconomics; Statistics; Regional Economics; Urban Economics; Urban Economic Development; Freshmen Orientation; Freshmen Seminar
- **Dissertation Research Chaired:**
 10. Shanequa Smith, 2019, Ph.D. in Human and Community Development
 9. David N. Aratuo, 2018, Ph.D. in Natural Resource Economics. Co-chair with Professor Xiaoli Etienne
 8. Wajeeh Aljanabi, 2016, Ph.D. in Resource Management and Sustainable Development. Director Assistant, SINOPEC, Al-Khobar, Saudi Arabia
 7. Mark G. Middleton, 2015, Ph.D. in Human and Community Development. Awarded posthumously
 6. Tizita Wasihun, 2015, Ph.D. in Natural Resource Economics. Co-chair with Professor Tesfa Gebremedhin
 5. Shadrack Mwilaria, 2012, Ph.D. in Economics. Co-chair with Professor Shuichiro Nishioka. Lecturer, School of Economics, Department of Economic Theory, Kenyatta University, Nairobi, Kenya
 4. Markus Gmünder, 2009, Koreferent/Co-chair, with Professor René Frey for Ph.D. in Economics, University of Basel. Partner and CEO, Institut für Wirtschaftsstudien Basel (Institute for Economic Studies Basel), Basel, Switzerland; Lecturer, University of Basel and University of Lucerne
 3. Mulugeta Kahsai, 2009, Ph.D. in Natural Resource Economics, Co-chair with Professor TG Gebremedhin; Assistant Professor, Virginia State University, Petersburg, VA

2. Maribel Mojica, 2009, Ph.D. in Natural Resource Economics, Co-chair with Professor TG Gebremedhin; Cost Analyst, BCF Solutions, Huntsville, AL
 1. Chali Nondo, 2009, Ph.D. in Natural Resource Economics, Co-chair with Professor JJ Fletcher, Associate Professor, Massachusetts College of Liberal Arts, North Adams, MA
- **Current Ph.D. Students:**
Committee memberships: 13, of which 5 as committee chair (Human and Community Development: 3, Natural Resource Economics: 1, Resource Management and Sustainable Development: 1), and 8 as a committee member (Economics: 1, Natural Resource Economics: 3, Geography: 1, Human and Community Development: 2, Resource Management and Sustainable Development: 1)
 - **Total Ph.D. Committees:**
1993-present: Since joining the faculty at West Virginia University, I have served as chair, co-chair, or committee member on 44 dissertation committees, including currently active committees
1985-87: At the University of Illinois, served as member on one Ph.D. committee
 - **Committee Chair for MURP and MS Students:**
1993-present: eight students completed MS degree at West Virginia University
1989-93: five students completed a MURP thesis at University of Colorado at Denver.
1984-88: nine students completed MURP (Master of Urban and Regional Planning) thesis at University of Illinois

SERVICE TO THE PROFESSION, UNIVERSITY, AND COMMUNITY

Regional Science Organizations

- *Regional Science Association International (RSAI)*
1987-1987: Treasurer. Net assets 1987: −\$15,000; net assets 1997: +\$170,000. With president D Boyce and secretary GJD Hewings revised accounting practices, assisted fund raising to eliminate debt
1987-1997: Member (*ex-officio*) of RSAI Council; served on several *ad hoc* committees, 1987-1991
- *North American Regional Science Council (NARSC)*
2005: Chair
2005: Executive Committee Member
2003-2005: Councilor-at-Large (elected by membership)
2003-2005: Nominating Committee Member; 2005: Chair of Nominating Committee
2000-2003: Financial Oversight Committee Member
1989-1997: Councilor (*ex officio* in my capacity as treasurer of RSAI)
1988-2014: Initiated and organized annual sessions on rural and non-metropolitan economics at the North American Meetings of the Regional Science Association International (RSAI); 2001-2014 in partnership with S Weiler, Colorado State University (CSU). Since 2014, S Weiler, CSU, and S Low, University of Missouri, are organizing the sessions
- *Southern Regional Science Association (SRSA)*
2019: Nominating Committee Member
2008-2011: Nominating Committee Member; 2010-2011: Committee Chair
2005-2011: SRSA's Representative to NARSC (appointed by SRSA Executive Council)
2009-2010: Immediate Past-President
2008-2009: President
2007-2008: President Elect and Conference Program Chair for 2008 Annual Meeting
2004-2007: Executive Councilor (elected)
- *Regional Research Institute, West Virginia University*
Since 2005: Member of Advisory Committee

Urban and Regional Planning Organizations

- *National Planning Accreditation Board (PAB)*
1993-2015: Member of the Site Visitor Pool
Accreditation Site Visits:
 11. Chair, University of Hawai'i at Mānoa, March 4-6, 2013: Master of Urban and Regional Planning
 10. Chair, Texas Southern University, November 15-17, 2010: Master of Urban Planning and Environmental Policy
 9. Chair, Kansas State University, September 21-24, 2008: Master of Regional and Community Planning
 8. Chair, University of Memphis, February 20-22, 2006: Master of City and Regional Planning
 7. Member, Southwest Missouri State University, March 10-12, 2003: BS in Planning
 6. Chair, Eastern Michigan University, October 7-10, 2001: BS in Urban and Regional Planning
 5. Member, SUNY-Albany, February 7-10, 1999: Master of Regional Planning
 4. Chair, Ball State University, February 23-26, 1997: Master of Urban and Regional Planning and Bachelor of Urban Design and Planning
 3. Chair, University of Iowa, February 5-8, 1995: MA/MS in Urban and Regional Planning
 2. Chair, Université de Montréal, January 24-26, 1994: Maîtrise en Urbanisme and Baccalauréat en Urbanisme
 1. Member, Clemson University, February 23-26, 1993: Master of Community and Regional Planning
- *Colorado Chapter of the American Planning Association*
1992: Member, Committee on Continuing Education
- *American Planning Association*
1988-1990: Member, Conference Committee of 1990 American Planning Association (APA) National Conference held in Denver, CO
- *Illinois Chapter of the American Planning Association*
1984-1986: Instructor, AICP exam preparation sessions
- *Council of Educators in Landscape Architecture (CELA)*
1988-1990: Co-chair with L Brink of 1990 CELA Conference in Denver and Beaver Creek, CO
- *City of Boulder Planning Department*
1987-1990: Member, Steering Committee, annual International Pedestrian Conference, Boulder, CO
- *City of Urbana, IL*
1985-1987: Member (mayoral appointee, approved by city council), Urbana, Illinois, Plan Commission

Selected other University and Professional Service

- 2017-2020: Member, West Virginia University Faculty Senate (elected)
2006-2018: Chair of Division Peer Review Committee (four times); Chair of College Peer Review Committee (once)
- 2017: Reviewer of questions for the National Science Bowl, Oak Ridge Associated Universities
- 2015: Council for the Exchange of International Scholars (CIES), review of four applicants to the Fulbright Specialist Program
- 2006-2009: Consultant-Evaluator, Higher Learning Commission, North Central Association of Colleges and Schools
- 2006-2009: Member, Advisory Board, WVU Center for Civic Engagement
- 1998-2003: Member, WVU Council for Women's Concerns
- Member, WVU Research Integrity Committee, 1997-99 and 2001-2004; Member, Discovery Subcommittee (investigating alleged misconduct): 1998-99, 2003, 2005-06, 2009 – Subcommittee Chair

Grant Reviewer

Austrian Science Fund (Humanities and Social Sciences)	U.S. Department of Agriculture (Small Business Innovative Research Grants)
Michigan State University Extension Service	U.S. National Energy Technology Laboratory (American Recovery and Reinvestment Act)
New Jersey Agricultural Experiment Station	U.S. National Park Service (Historic Preservation)
North Central Regional Center for Rural Development	U.S. National Science Foundation (Social, Behavioral and Economic Sciences)
Shota Rustaveli National Science Foundation, Tbilisi, Georgia	West Virginia Agricultural and Forestry Experiment Station

Refereeing for Journals

African Development Review
Alcohol, An International Biomedical Journal
American Behavioral Scientist
Annals of Regional Science
Asian Journal of Agricultural Extension, Economics & Sociology
Asia-Pacific Journal of Regional Science
Avant Garde
British Journal of Applied Science & Technology
Contemporary Economic Policy
Discrete Dynamics in Nature and Society
DISP–The Planning Review
Ecological Economics
Economic Development Quarterly
Energies
Energy Economics
Environment and Planning A
Environment and Planning B – Urban Analytics and City Science
Environment and Planning D – Society and Space
European Planning Studies
Geographical Analysis
GeoJournal
Growth and Change
International Economics and Economic Policy
International Economic Review
International Journal of Information Systems and Social Change
International Journal of Sustainable Society
International Migration
International Migration Review
International Regional Science Review
Journal of African Studies and Development
Journal of Economic Behavior and Organization
Journal of Environmental Management
Journal of Global Economics
Journal of Global Research in Education and Social Science
Journal of Planning Education and Research
Journal of Regional Science
Journal of the American Planning Association
Journal of the Community Development Society
Journal of Stock and Forex Trading
Land Economics
Letters in Spatial and Resource Sciences

Papers in Regional Science – The Journal of the RSAI
Planning and Markets
Regional Science and Urban Economics
Regional Science, Policy and Practice
Région et Développement
Regional Studies
Review of Regional Studies
Rural Sociology
Science Journal of Economics
Socio-Economic Planning Sciences
State and Local Government Review
Technological Forecasting & Social Change
Theoretical Economics Letters
Journal of Economic and Social Geography (Tijdschrift voor economische en sociale geografie)
Transportation Research Part D: Transport and Environment

Book Manuscript Reviewer

Emerald Group Publishing
 Guilford Press
 Thomson Business and Professional Publishing

Publication Reviewer

USDA-Economic Research Service

External Peer Evaluator in Promotion Cases

Alabama A&M University (Agribusiness)
 Arizona State University (Planning)
 Clemson University (Planning)
 Colorado State University (Economics)
 Howard University (Economics)
 Indiana University-Bloomington (Geography)
 Indiana University/Purdue University-Indianapolis (Public and Environmental Affairs/Planning)
 Marquette University (Economics)
 Morgan State University (Planning)
 North-Trondelag University College-Norway (Economics)
 Ohio State University, The (Agricultural, Environmental, and Development Economics)
 Rutgers University (Agricultural Economics / Extension)
 SUNY Buffalo (Planning)
 Texas Tech University (Landscape Architecture)
 University of Colorado-Colorado Springs (Economics)
 University of Illinois at Urbana-Champaign (Planning)
 University of Louisville (Planning)
 University of Rhode Island (Planning)
 University of Southern California (Planning)
 University of Texas-Austin (Planning)
 USDA-Economic Research Service (classification review)
 Washington State University (Environmental Science and Regional Planning)

Selected Community Service Activities

- *WVU Community Design Team (CDT) (Community Planning, Design, and Development)*
2012: Visit to Moundsville, Marshall County, WV, October 11-13
2010: Visit to Rainelle, Greenbrier County, WV, April 15-18, 2010; Preparatory visit to Rainelle, March 9, 2010
2009: Community Design Team follow-up visit to Belington, Barbour County, WV, February 16. Co-editor of Belington draft report, February 2009.
2009: Preparatory visit to Glenville, Gilmer County, WV, February 17, 2009; organized the joint Community Design & Recruitable Communities⁴ Team that visited the community on March 27-28
2008: Community Design Team follow-up visit to Mount Hope, Fayette County, October
2007-2008: Member of joint Community Design & Recruitable Communities Team to Clay, Clay County, WV, April 26-28; 2007; preparatory visit, January 12, 2007; follow-up visit, June 19, 2008
2007: “First Impressions” consultant, Shinnston, Harrison County, WV, July 12
2006: Co-team Leader of Community Design Team to Mount Hope, Fayette County, WV, October 5-8, Three preparatory visits plus team visit. Together with co-leader, responsible for assembling, preparing, and leading team; responsible for producing report and follow-up visits and activities
2006: Team Leader of joint Community Design & Recruitable Communities Team to Union, Monroe County, WV, June 15-17. Two preparatory visits. Responsible for assembling, preparing, and leading team, producing report, and for two follow-up visits
1997: Co-founder, Community Design Team; 1997-2006: Member, Steering Committee, 2005-2006: Chair, 2005-2006. Acting CDT coordinator in 2006, while we searched to fill position
- *Volunteer Service to Morgantown Community and Region*
2004-2014: Volunteer, Sarah’s Table (soup kitchen), Morgantown, WV
2009: Volunteer, Bartlett House, Inc. (homeless shelter), Morgantown, WV
2008-present: Member, Finance Committee, St. Luke Catholic Church, Morgantown, WV. Committee chair, 2009-2017. Major building projects during 2009-2017 for over \$500,000.
- *Helvetia, Randolph County, West Virginia (Swiss Heritage Community)*
2004-2012: Introduced the celebration of the Feast of St. Nicholas to Helvetia, Randolph County, WV, as an additional Swiss heritage event in this historic mountain community founded by Swiss immigrants. Held early December. Event featured in a December 2005 broadcast of “Taste of America” on Travel Channel
- *Lightstone Community Development Corporation, Inc. and Lightstone Foundation, Inc.*
2002-04: President, Lightstone Community Development Corporation, Inc. (LCDC), Pendleton County, WV. LCDC was a 501(c)3, 509(a)2 corporation, a Community Development Financial Institution (US Department of the Treasury certification), and a statewide SBA micro-lender. In 2003, LCDC invested in 20 businesses, which created 57 full-time jobs. LCDC was dissolved in 2010
1995-2003: Positions held at Lightstone Foundation, Inc. (LFI), Pendleton County, WV: Member of Board of Directors; Treasurer; President; Chair of Board of Directors. LFI is a 501(c)3, 509(a)1 corporation that operates a 560-acre organic (certified) demonstration farm. LFI, established in 1986, incorporated LCDC as its entrepreneurial arm in 1994
- *Swiss Federal Office for Migration and Refugees (BAMF)*
Volunteer work with refugee family from Kosovo under auspices of Swiss federal refugee aid agency, 1999-2000. [Interview with Swiss daily newspaper *Tages-Anzeiger*, Friday, April 28, 2000: 19]
- *Swiss-American Friendship Society of Colorado*
1992-1993: Board Member, 1993: First Vice President

⁴ The Recruitable Communities program aimed at making communities more attractive to health professionals. It was administered by the WV Department of Health and Human Resources, Division of Rural Health and Recruitment

ACADEMIC ADMINISTRATION

2019-: Interim Director, Division of Animal and Nutritional Sciences, West Virginia University

Led three B.S. programs (Animal and Nutritional Sciences, Biochemistry [interdisciplinary program offered in cooperation with other academic units], Human Nutrition and Food), three M.S. program (Animal and Nutritional Sciences, Graduate Dietetic Internship, Reproductive Physiology), and two Ph.D. programs (Animal and Food Science, Reproductive Physiology). The Division also offers a pre-vet program. Responsible for budget, personnel, internal and external relations, curricula and accreditation, student recruitment and retention, facilities and laboratories, fundraising. 700 students, 18 tenure track faculty and 4 non-tenure track faculty, and 5 staff members.

1993-2006: Director, Division of Resource Management, West Virginia University

Led three academic programs (Agricultural and Extension Education, Agricultural and Resource Economics, and Landscape Architecture) offering B.S., M.S., and Ph.D. degrees. Responsible for budget, personnel, internal and external relations, curricula and accreditation, student recruitment and retention, facilities and laboratories, fundraising. 368 students, 20 tenure track faculty, and 5 staff members.

- Based on the 2005 Faculty Productivity Index, Academic Analytics ranked Program in Agricultural and Resource Economics eighth in the United States. Based on survey of employers in 2005-06, Design Futures Council ranked B.S. in Landscape Architecture thirteenth in the United States.
- Reversed declining enrollments: undergraduate enrollments increased by 44% from 1993 to 2006 (22% from 2002 to 2006). Total enrollment increased by 24% from 2002 to 2006, more than twice as fast as the college and almost 60% faster than the university.
- Consolidated four programs that existed in 1993 when I assumed the division leadership into three programs and enhanced collaboration across program lines, particularly in research
- From FY 1994 to FY 2006 more than doubled inflation-adjusted budget
- Endowments grew from none in FY 1994 to 9 in FY 2006 with total value of \$300,000, and one pending (endowed in 2007)
- Worked with legislative liaison to secure funding from state legislature for tenure-track faculty line to support WV Community Design Team, effective FY 2007
- Spending from externally funded projects (in 2006 dollars) grew from \$185,000 in FY 1994 to \$1.0 million. Funded grants initiated by division faculty increased from \$55,000 in AY 1994 to a high of \$1.4 million in FY 2004 and averaged \$940,000 over the last three FYs of my tenure
- Strategic investment in research resulted in the establishment of the Natural Resources Analysis Center (NRAC) that formed the foundation for the successful pursuit of a \$15 million multi-institution award in 2010 from the U.S. Department of Energy
- Renovated one design studio and replaced another with a new studio
- Provided leadership for the Ph.D. in Natural Resource Economics program after its approval in 1992 by the WVU Board of Governors. During the program's early years, organized student recruitment, worked on program administration and review, and curriculum changes that helped grow the program
- Mentored junior faculty members and obtained a 100 percent success rate for promotion to associate professor with the award of tenure. Increased faculty diversity

2004-2006: Director, Division of Family and Consumer Sciences, West Virginia University

During a transition period in the College of Agriculture, Natural Resources and Design, accepted leadership for a division consisting of four academic programs (Child Development and Family Studies, Food and Human Nutrition, Interior Design, and Textiles, Apparel and Merchandising), offering B.S. and M.S. degrees. Responsible for facilitating move of Program in Food and Human Nutrition to another administrative unit in the College and working with the faculty on a vision for the remaining three programs. 12 tenure track faculty, 2 staff members, and 453 students.

- In collaboration with faculty, established distance education Early Childhood Director Credential program
- Facilitated establishment of 2+2 Child Development-Birth-to-Five teacher certification program between Fairmont State Community and Technical College and West Virginia University

- With support from University and College administrations, built new interior design studio. In collaboration with Division of Forestry and Natural Resources, established textiles testing laboratory
- Grew enrollments in study abroad summer programs, particularly a program in design in Italy in collaboration with faculty members from Italian institutions

1988-1993: Director, Urban and Regional Planning Program, University of Colorado

Responsible for leadership of an accredited professional master program. Helped establish strong ties to the state's professional planning community, especially by working cooperatively with and through the Colorado chapter of the American Planning Association. Represented the program within the School of Architecture and Planning and to the University of Colorado Denver's administration.

- Initiated, led, and implemented revision of Master of Urban and Regional Planning (MURP) curriculum. Developed joint MURP-MPA (Master of Public Administration) program
- Renewal of accreditation of MURP by national Planning Accreditation Board; all criteria fully met
- Served on the team that brought about merger of School of Architecture and Planning, University of Colorado at Denver and College of Environmental Design, University of Colorado at Boulder in 1992
- Integrated planning faculty members on the two campuses into one program, which promoted the establishment of Ph.D. in Planning and Design in 1995
- Forty-five percent enrollment growth in the master program (MURP) between 1988 and 1993
- Fundraising: (1) Colorado Chapter of the American Planning Association funded annual scholarship (\$500/year), and (2) raised David R. Hill Scholarship endowment (\$10,000); there was no previous record of fundraising and the David R. Hill endowment was the first endowment created in the program
- Worked with leadership of the Colorado Chapter of the American Planning Association to build a strong relationship with the professional community in Colorado, as expressed in internship placements, professionals serving as mentors to students in the program, fundraising, support during accreditation renewal process, formation of a GIS support system to assist communities making equipment and software decisions, and student participation in the Colorado Chapter's annual conference

MISCELLANEOUS

Awards and Recognition

- 2019: WVU Benedum Distinguished Scholar, Behavioral and Social Sciences (WVU's highest award for research and scholarship)
- 2018: Distinguished Fellow, Southern Regional Science Association
- 2016: William A. Schaffer Award for Outstanding Service to Regional Science, Southern Regional Science Association
- 2008: William H. Miernyk Award for Career Scholarly Achievement, Regional Research Institute, West Virginia University, fourth honoree since first award was made in 1990
- 1993: Annual Research/Creative Activities Award (\$500), College of Architecture and Planning, University of Colorado at Denver & Boulder
- 1990: Certificate of Appreciation, University of Colorado at Denver Student Chapter of the American Planning Association
- 1989: Annual Outstanding Service Award (\$500), School of Architecture and Planning, University of Colorado at Denver
- 1982: Faculty Award for Outstanding Ph.D. Dissertation (\$100), 1981-82, Department of Economics, University of Southern California, Los Angeles
- 1978: Distinguished Teaching Award, Introductory Macroeconomics, University of Southern California
- 1976: Holderbank Foundation Fellowship, Switzerland, CHF6,000 (~\$24,000 in current dollars)
- 1975: Graduated *magna cum laude* ("very good") with licentiate in economics (lic.oec.publ.), University of Zurich, Switzerland

- Who's Who in the World 19th (2002). 27th (2010) edition
 Who's Who in America 57th (2003), 64th (2010), 67th (2013), 68th (2014), 69th (2015), 72nd (2018) edition
 Who's Who in the South and Southwest 24th (1995), 25th (1997) edition
 Who's Who in American Education 4th (2000) edition
 Who's Who in Finance and Business 27th (1999-00), 28th (2000-01) edition
 Who's Who in Science and Engineering 5th (2000), 8th (2005-06), 11th (2011-12), 12th edition (2016-17)

Languages

English: fluent

French: writing, speaking, and listening comprehension – fair to good; reading – good to very good

German: fluent