

Theodore R. Alter

Curriculum Vitae 1 January 2009 –27 April 2017

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Education

Ph.D. Michigan State University, Resource Economics and Policy, 1976
M.S. Michigan State University, Resource Economics and Policy, 1973
B.A. University of Rochester, Economics – With Distinction, 1968

Specialties

Agricultural economics and policy, development economics, public sector economics, public finance, community and regional economics, community and rural development, rural policy, institutional and behavioral economics, resource and environmental economics, leadership and organizational change, and the scholarship of engagement in higher education

Professional Employment

Sustainability Scholar-in-Residence, Penn State University Sustainability Institute, 2013 – present
Adjunct Research Fellow, Australian Center for Agriculture and Law, University of New England, 2011 – present
Program Head, Civic and Community Engagement Intercollege Minor, Penn State University, 2013 – 2016
Co-Director, Center for Economic and Community Development, Department of Agricultural Economics and Rural Sociology, Penn State, 2008 – present
Associate Vice President for Outreach, Director of Penn State Cooperative Extension, and Associate Dean, College of Agricultural Sciences, Penn State University, 1997-2004
Interim Dean, College of Agricultural Sciences, Penn State University, 1996-1997
Professor and Head, Department of Agricultural Economics and Rural Sociology, 1994–1996.
Regional Director, Southeast Region, Penn State Cooperative Extension, 1989–1994
Professor of Agricultural, Environmental and Regional Economics, Penn State University, 1989-present
Associate Professor of Agricultural Economics, Penn State University, 1982–1989
Assistant Professor of Agricultural Economics, Penn State University, 1976–1982

Theodore R. Alter

Teaching Experience

Agribusiness economics and management, state and local government finance, local government financial management, land and water resource policy, resource economics, cost-benefit analysis, and institutional and behavioral economics

Outreach Teaching Experience

Local government finance policy and tax reform, property tax assessment and administration, local government budgeting and financial management, fiscal capacity analysis (multi-year budgeting) for local governments, public service assessment and finance, public issues education, and leadership and organizational development

Research Interests

Agribusiness economics, agriculture and rural policy, development economics, community and regional economics, comparative rural development policy, resource economics, state and local government finance, institutional and behavioral economics, public scholarship in higher education, and leadership and organizational change

Research Experience

Social capital in community development, information technology and rural economic development, comparative rural development policy, property tax capitalization in property values, impacts of state and local tax reform, fiscal impacts of public school enrollment change, land policy implementation, use-value assessment of farm and open space lands, and engagement and public scholarship in higher education

Selected Professional Experience

Community Engagement Team Leader and Researcher, Invasive Animal Cooperative Research Center Initiative in Australia, 2012-2017

Member, Board of Directors, Center for Rural Pennsylvania, 2007-2016

Member, Editorial Board, *Environments*, 2012–2015

Member, Editorial Board, *Journal of Community Engagement and Scholarship*, 2007-2015

Member, Editorial Board and book review editor, *Journal of Higher Education Outreach and Engagement*, 2006-2013

Member, National Outreach Scholarship Conference Planning Committee, 2005-2010

Member, Board of Directors, Pennsylvania Rural Partners, 2004 – present

Member, Forestry Task Force Advisory Committee of the Joint Legislative Air and Water Pollution Control and Conservation Committee, Pennsylvania General Assembly, June 1999–2013

Member, Pennsylvania Rural Development Council, 1996-2004

Honors and Awards

Ted K. Bradshaw Outstanding Research Award, Community Development Society, 2015

Fulbright Senior Specialist Program: recommended and assigned to the Fulbright Specialist Roster by the U.S. Department of State's Bureau of Educational and Cultural Affairs (ECA) and the Institute of International Education Council for International Exchange of Scholars (CIES), 20 February 2015

Theodore R. Alter

Academy of Community Engagement Scholarship, Inaugural Member, 2014-Present

Gamma Sigma Delta Teaching Award, Gamma Sigma Delta National Honor Society of Agriculture, 2014

Nominated by the College of Agricultural Sciences for a university-level Undergraduate Faculty Teaching Award, 2014

Nominated by the Department of Agricultural Economics, Sociology, and Education (AESE) for the President's Award for Excellence in Academic Integration, 2013

Penn State College of Agricultural Sciences *Community of Teaching Excellence Award*, 2012

Gamma Sigma Delta Research Award, Gamma Sigma Delta National Honor Society of Agriculture, 2011

Visionary Leadership Award, Alpha Omicron Chapter, Epsilon Sigma Phi, The National Honorary Extension Fraternity, 2003

Sloan Consortium Team Award for Excellence in Online Faculty Satisfaction for the “UniSCOPE Learning Community,” 2002

USDA Recognition, Group Honor Award for Excellence, Multi-state Project Northeastern-501 CSREES, For effectively limiting the spread of the invasive and devastating plum pox virus in U.S. stone fruits by building an inclusive team of University, State, Federal and agricultural industry personnel, 2002

National Extension Leadership Development (NELD) Program, 1991-1992

American Agricultural Economics Association Distinguished Extension Program Award, 1985

National Defense Education Act Fellow, 1972–73

I. PUBLICATIONS

A. Articles Published in Refereed Journals and Experiment Station Bulletins

Harrell, A., Sterner, G., Alter, T.R., & Lonie, J. (2017). Student Perceptions of the Impact of their Study Abroad Experiences. *North American Colleges and Teachers of Agriculture Journal*. 61(1):56-65

Fortunato, M.W-P, Alter, T.R., Thomas, P., & Adapa, S. (2017). Intentional Innovation Communities: Concepts and Preliminary Evidence. *Economic Development Quarterly*. [DOI: 10.1177/0891242417691610](https://doi.org/10.1177/0891242417691610)

Balfour, B.J., Fortunato, M. W-P., Alter, T.R. (2016). The Creative Fire: Sustainable Rural Transformation through Arts-Based Development. *Journal of Rural Studies*. <http://doi.org/10.1016/j.jrurstud.2016.11.002>

Martin, P., Verbeek, M., Alter, T.R., Fortunato, M.W-P, Bridger, J.C., & Radhakrishna, R. (2016). Evaluation of a natural resource management program: an Australian case study. *Australasian Journal of Environmental Management*. <http://dx.doi.org/10.1080/14486563.2016.1250680>

Balfour, B.J., & Alter, T.R. (2016). Mapping community innovation: Using social network analysis to map the interactional field, identifying facilitators, and fostering community development. *Community Development: The Journal of the Community Development Society*. <http://dx.doi.org/10.1080/15575330.2016.1153493>

Fortunato, M.W-P, & Alter, T.R. (2016). Cultural and entrepreneurial opportunity in high- and low-entrepreneurship rural communities: Challenging the discovery/creation divide. *Journal of Enterprising*

Theodore R. Alter

Communities: People and Places in the Global Economy. 10(4): 447-476. <http://dx.doi.org/10.1108/JEC-04-2015-0026>

Bórawski, P., Dunn, J.W., & Alter, T.R. (2015). Evaluation of Human Capital and its Impact on Economic Results of Farms Engaged in Non-Agricultural Activity in Poland. *Roczniki Ekonomiczne Kujawsko-Pomorskiej Szkoły Wyższej w Bydgoszczy*. 8:187-201.

Bórawski, P., Gotkiewicz, W., Dunn, J.W., & Alter, T.R. (2015). The impact of price volatility of agricultural commodities in Poland on alternative incomes of conventional, ecological, and agritourism farms. *Athens Journal of Business and Economics*, 1(4), 299-310.

Dye, B., & Alter, T.R. (2015). Government and the entrepreneurial ecology: The case of Halifax, Nova Scotia. *Community Development: Journal of the Community Development Society*, 46(5), 541-558.

Fortunato, M.W-P, & Alter, T.R. (2015). "Community entrepreneurship development: An introduction." *Community Development: Journal of the Community Development Society*, 46(5), 444-455.

Fortunato, M.W-P, Alter, T.R., Frumento, P.Z., & Klos, J.M. (2015). Creating a culture of innovative university engagement for local entrepreneurship development in rural and distressed regions. *International Journal of Social Science Studies*, 3(1), 122-138.

Martin, P., Arnalds, A., & Alter, T.R. (2015). "Editorial." *International Journal of Rural Law and Policy*, Special Edition 1. <http://epress.lib.uts.edu.au/journals/index.php/ijrlp/article/view/4586/4878>

Sterner, G., Bryan, R., Kleinman, P.J.A., Watson, J., & Alter, T.R. (2015). Community implementation dynamics: Nutrient management in the New York City and Chesapeake Bay watersheds," *International Journal of Rural Law and Policy*, Special Edition 1. <http://epress.lib.uts.edu.au/journals/index.php/ijrlp/article/view/4366/4812>

Thomas, Philip, Adapa, S., Fortunato, M. W-P, & Alter, T.R. (2015). Theory and practice of regional community based intentional innovation in Northern Inland New South Wales. *Australasian Journal of Regional Studies*, 21(3), 323-348.

Fortunato, M.W-P., Alter, T.R., Frumento, P.Z., & Klos, J.M. (2014). Cultivating a Culture of Innovative University Engagement for Local Entrepreneurship Development in Rural and Distressed Regions. *International Journal of Social Science Studies*, 3(1), 122-138. doi:10:11114/ijsss.v3i1.518

Mehta, K., Alter, T.R., Semali, L.M., & Marezki, A. (2014). AcademIK connections: Bringing indigenous knowledge and perspectives into the classroom. *Journal of Community Engagement and Scholarship*, 6(2), 83-91.

Brown, L.D., Alter, T.R., Brown, L.G., Corbin, M.A., Flaherty-Craig, C., McPhail, L.G., Nevel, P., Shoop, K., Sterner, G. III, Terndrup, T.E., & Weaver, M.E. (2013). Rural Embedded Assistants for Community Health (REACH) network: First-person accounts in a community–university partnership. *American Journal of Community Psychology*, 51(1-2), 206-16.

Fortunato, M.W-P, Alter, T.R., Bridger, J.C., Schramm, K.A., & Montopoli, L.A. (2013). Weighing the universal service obligation: Introducing rural well-being as a consideration in the viability of the United States Postal Service. *Community Development: Journal of the Community Development Society*, 44(2), 200-221.

Theodore R. Alter

- Fortunato, M.W-P, Bridger, J.C., Alter, T.R., Emmerling, G.M., Ortbal, K.J., Schwartz, M.R., Sterner, G.E., & Shuffstall, W.C. (2013). Promoting fair local organizing for broadband delivery: Suggestions for community-level action in persistently underserved communities. *Journal of Information Policy*, 3, 158-180.
- McPhail, L., Fuller, T., & Alter, T.R. (2012). Middle-Income Measurement: Reviewing Data for Insights about the Current Business Cycle and Middle-Income Jobs in Pennsylvania. *Pennsylvania Borough News: The Official Magazine of the Pennsylvania State Association of Boroughs*. 25-27.
- Lyons, T.S., Alter, T.R., Audretsch, D., Augustine, D. (2012). Entrepreneurship and community: The next frontier of entrepreneurship inquiry. *Entrepreneurship Research Journal*, 1(2).
- Thomas, P., Adapa, S., Davies, E., Fortunato, M., & Alter, T. (2012). Intentional Innovation Communities: Strengthening innovation performance in the Northern Inland Region of NSW. *Extension Farming Systems Journal*, 7(2), 126-128.
- Fortunato, M.W-P, & Alter, T.R. (2011). The individual-institutional-opportunity nexus: An integrated framework for analyzing entrepreneurship development. *Entrepreneurship Research Journal*, 1(1), Article 6.
- Louis, B., Alter, T.R., Brown, L., Corbin, M., Flaherty-Craig, C., McPhail, L., Shoop, K., Sterner, G., Terdrup, T., & Weaver, M. (2012). Rural Embedded Assistants for Community Health (REACH) Network: First-Person Accounts in a Community-University Partnership." *American Journal of Community Psychology*: 0091-0562.
- Mukhopadhyay, Å., Shingler, J.M., Alter, T.R., & Findeis, J. (2011). Determining eligibility for poverty-based assistance programs: Comparing the federally established poverty level with the self-sufficiency standard for Pennsylvania. *Poverty & Public Policy*, 3(3), Article 7.
- Bridger, J.C., & Alter, T.R. (2010). Public sociology, public scholarship, and community development. *Community Development: Journal of the Community Development Society*, 41(4), 405-416.
- Peters, S. J., Alter, T.R., & Schwartzbach, N. (2008). Unsettling a settled discourse: Faculty views of the meaning and significance of the land-grant mission. *Journal of Higher Education Outreach & Engagement*, 12(2), 33-66.
- Shingler, J., Alter, T.R., Van Loon, M.E., & Bridger, J.C. (2008). The importance of subjective data for public agency performance evaluation. *Public Administration Review*. 68(6), 1101-1112.
- Bridger, J.C., & Alter, T.R. (2008). An interactional approach to place-based development. *Community Development: Journal of the Community Development Society*, 39(1), 99-111.
- Shuffstall, W.C., Sager, S.S., Bridger, J.C., & Alter, T.R. (2007). Connecting communities: Third generation community network projects. *Journal of Extension*, 45(4).
- Bridger, J.C., & Alter, T.R. (2006). The engaged university, community development, and public scholarship. *Journal of Higher Education Outreach and Engagement*, 11(1), 163-178.
- Bridger, J.C., & Alter, T.R. (2006). Place, social capital, and community development. *Community Development: Journal of the Community Development Society*, 37(1), 5-18.
- Schafft, K.A., Alter, T.R., & Bridger, J.C. (2006). Bringing the community along: A case study of a school district's information technology rural development initiative. *The Journal of Research in Rural Education*, 21(8), 1-10.

Theodore R. Alter

Kiernan, N.E., & Alter, T.R. (2004). Can a web site be used as a vehicle for organizational learning about evaluation? *Journal of Higher Education Outreach and Engagement*, 10(1), 121-134.

Alter, T.R., Bridger, J.C., & Travis, J. (2004). Robust research and rapid response: The Plum Pox Virus story. *Journal of Higher Education Outreach and Engagement*, 9(1), 131-140.

Adamek, M., Alter, T.R., Bridger, J.C., Ferrick, J., & Shapiro, J. (2004). Real-time, real-life journeys toward institutional engagement. *Journal of Higher Education Outreach and Engagement*, 9(1), 53-71.

Gurgevich, E.A., Hyman, D., & Alter, T.R. (2003). Creation of UniSCOPE: A model for rewarding all forms of scholarship. *Journal of Asynchronous Learning Networks*, 7(2), 1-7.

Alter, T.R. (2003). Where is extension scholarship falling short, and what can we do about it? *Journal of Extension*, 41(6).

Peters, S. J., Jordan, N.R., Alter, T.R., & Bridger, J.C. (2003). The craft of public scholarship in land-grant education: Lessons and insights from practice. *Journal of Higher Education Outreach and Engagement*, 8(1), 75-86.

Ryan, J.H., Alter, T.R., & Huston, T. D. (2002). Strengthening Outreach and Cooperative Extension. *The Journal of the University Continuing Education Association*, 66, 121-141.

Hyman, D., Gurgevich, E., Alter, T., Ayers, J., Cash, E., Fahnline, D., Gold, D., Herrmann, R., Jurs, P., Roth, D., Swisher, J., Whittington, M.S., & Wright, H. (2001-02). Beyond Boyer: The UniSCOPE Model of scholarship in the 21st century. *Journal of Higher Education Outreach and Engagement*, 7(1&2), 41-65.

Favero, P., & Alter, T.R. (1986). Defining your niche: Strategies for local government programs. *Journal of Extension*, 24(3), 23-25.

Krantz, D.P., Weaver, R.D., & Alter, T.R. (1982). Residential property tax capitalization: Consistent estimates using micro-level data. *Land Economics*, 58(4), 488-96.

Alter, T.R., Moore, D.E., & Fuller, T.E., Gingrich, N.B., & Norton, P.H.B. (1982). Important issues for Pennsylvania borough governments. *Municipal Management: A Journal*, 4(3), 99-105.

Alter, T.R., & Moore, D.E. (1980). Fiscal trends and enrollment change in rural school districts. *Journal of the Northeastern Agricultural Economics Council*, 9(2), 102-107.

Alter, T.R., Gingrich, N.B., & Fuller, T.E. (1980). Pennsylvania county government: Views from within. *Municipal Management: A Journal*, 3(1), 32-38.

Alter, T.R., & Moore, D.E. (1979). The fiscal implications of changing school enrollments. *Journal of the Northeastern Agricultural Economics Council*, 8(2), 177-89.

B. Books, Parts of Books, and Conference Proceedings

1. Books and Parts of Books

Alter, T.R., Peters, S.J., & Shaffer, T.J. (Forthcoming 2017). *Aligning institutional routines with citizens' work: Stories from cooperative extension professionals*. Dayton, OH: Kettering Foundation. Book. Under development.

Theodore R. Alter

Howard, Tanya, Lyndal J. Thompson, Paloma Frumento, Theodore R. Alter. (2017). Community Action for Wild Dog Management. *PetSmart publication, Invasive Animals Cooperative Research Centre, Canberra, Australia*

Purvis, G., Downey, L., & Alter, T.R. (2014). Developing a model of sustainably-competitive agriculture. In P. Bórawski, A. Brelik, & B. Czyżewski (Eds.), *Rural development in Poland: The role of policy, tourism and human capital* (5-23). Ostrołęka: High Economic Social School Publishing House.

Brennan, M.A., Bridger, J.C., & Alter, T.R. (Eds.). (2013). *Theory, Practice, and Community Development*. Routledge, Taylor & Francis Group.

Brennan, M.A., Bridger, J.C., Frumento, P.Z., & Alter, T.R. (2013). Introduction: Theory, practice, and community development. In M.A. Brennan, J.C. Bridger, & T.R. Alter (Eds.), *Theory, Practice, and Community Development* (1-10). Routledge, Taylor & Francis Group.

Bridger, J.C., Frumento, P.Z., & Alter, T.R. (2013). The Tamaqua paradox: How history shapes social capital and local economic development efforts. In M.A. Brennan, J.C. Bridger, & T.R. Alter (Eds.), *Theory, Practice, and Community Development* (98-122). Routledge, Taylor & Francis Group.

Bridger, J.C., Frumento, P.Z., Alter, T.R., & Brennan, M.A. (2013). A framework for thinking and acting critically in community. In M.A. Brennan, J.C. Bridger, & T.R. Alter (Eds.), *Theory, Practice, and Community Development* (180-190). Routledge, Taylor & Francis Group.

Bridger, J.C., & Alter, T.R. (2013). An interactional approach to place-based rural development. In M.A. Brennan, J.C. Bridger, & T.R. Alter (Eds.), *Theory, Practice, and Community Development* (63-77). Reprinted from *Journal of Community Development Society* 39(1): 99-111. Routledge, Taylor & Francis Group, pp. 63-77.

Alter, T.R. (2012). Agriculture: History, policy and emerging issues. *The USA and Canada 2013* (15th ed.). London: Routledge.

Alter, T.R. (2011). Agriculture: History, policy and emerging issues. *The USA and Canada 2012* (14th ed.). London: Routledge.

Alter, T.R. (2010). Agriculture: History, policy and emerging issues. *The USA and Canada 2012* (13th ed.). London: Routledge.

Peters, S.J., Alter, T.R., & Schwartzbach, N. (2010). *Democracy and higher education: Traditions and stories of civic engagement*. East Lansing, MI: Michigan State University Press.

Peters, S.J., & Alter, T.R. (2010). Civic engagement across the career stages of faculty life: A proposal for a new line of inquiry. In H. Fitzgerald, C. Burack, & S. Seifer (Eds.), *Handbook on Engaged Scholarship: The Contemporary Landscape* (251-269). East Lansing, MI: Michigan State University Press.

Sager, S.S., Fortunato, M.W-P, Alter, T.R., & Shuffstall, W.C. (2010). A comparative analysis of the role of the state in broadband policy for rural areas: An investigation of telecom policy in the United States and Canada. In M. Falch & J. Markendahl (Eds.), *Promoting new telecom infrastructures: Markets, policies and pricing*. Edward Elgar.

Alter, T.R., Schramm, B.L., & Moore, H.L. (2009). Rural development in the United States Farm Bill. In M. Drygas (Ed.), *Agriculture policy in light of the Farm Bill 2008-2017 and the future of the CAP of the EU after 2013* (47-80). Warsaw, Poland: The Institute of Rural and Agriculture Development of the Polish Academy of

Theodore R. Alter

Science.

Peters, S.J., O'Connell, D.J., Alter, T.R., Jack, A.L.H., (2006). *Catalyzing change: Profiles of Cornell Cooperative Extension educators from Greene, Tompkins, and Erie counties, New York*. Ithaca, NY: Cornell University Press.

2. Conference Proceedings

Borawski, P., Dunn, J.W., & Alter, T.R. (2015). Milk market development in the United States. *Economic Science for Rural Development Conference Proceedings*, 39, 24-33.

Bórawski, P., Gotkiewicz, W., Dunn, J.W., & Alter, T.R. (2015). The impact of price volatility of agricultural commodities in Poland on alternative incomes of conventional, ecological and agritourism farms. *Institute for Education and Research (AITNER) Conference Paper Series*, no.CBC2012-1554.

<http://www.atiner.gr/papers/CBC2012-1554.pdf>

Sterner, G., Alter, T.R., Barsom, S., Engle, E., & Griffon, T. (2015). Bringing it all together: Examining the importance of capstones in cross-disciplinary academic programs [Abstract]. *National American Colleges and Teachers of Agriculture (NACTA) Journal*, 59(supplement 1).

C. Articles Published in Nonrefereed Journals

Bórawski, P., Dunn, J.W., & Alter, T.R. (2015). Evaluation of human capital and its impact on economic results of farms engaged in non-agricultural activity in Poland. *Roczniki Ekonomiczne Kujawsko-Pomorskiej Szkoły Wyższej w Bydgoszczy*, 8, 187-201.

Alter, T.R., Bridger, J.C., & Frumento, P.Z. (2014). Faculty, citizens, and expertise in democracy. *Higher Education Exchange*, The Kettering Foundation, Dayton, OH: 22-30.

Mahmodi, M., Miller, A.L., Alter, T.R., Frumento, P.Z., & Mitchell, C.M. (2013). Farmer behavior and agri-environmental policy. *Zeszyty Naukowe*, 11, 109-128.

McPhail, L.G., Fuller, T.E., & Alter, T.R. (2012, December). Are middle-income jobs on the decline in Pennsylvania?" *Pennsylvania Borough News*.

Fortunato, M.W-P, Alter, T.R., Frumento, P.Z., & Bridger, J.C. (2012). Supporting rural entrepreneurship: Institutional and local strategies for community and economic development. *Zeszyty Naukowe*, 10, 93-108.

Peters, S.J., Alter, T.R., & Shaffer, T.J. (2010). Hot passion and cool judgment: Relating reason and emotion in democratic politics. *Connections: The Kettering Foundation's Annual Newsletter*, 15-17. Dayton, OH: The Kettering Foundation.

Martin, P., Williams, J., Stone, C., & Alter, T. (2010). Researcher lessons from community partnership and trans-disciplinary research in a peri-urban setting: The WISER experience in Western Sydney. CRC for Irrigation Futures Technical Report Series No. 05/10.

Alter, T.R., Fortunato, M.W-P, Frumento, P.Z., Schramm, K.A., & Weinstein, A.R. (2010). Building for the future: Strengthening Pennsylvania's critical infrastructures. *Speaker's Journal on Pennsylvania Policy*, House of Representatives, General Assembly of the Commonwealth of Pennsylvania.

Fortunato, M. W-P, Alter, T.R., Poppiti, K., Bridger, J.C., Sager, S.S., & Shuffstall, W.C. (2010). Well-connected: A three county case study of open access broadband development in northern Appalachia. *Speaker's*

Theodore R. Alter

Journal on Pennsylvania Policy, House of Representatives, General Assembly of the Commonwealth of Pennsylvania.

Alter, T.R., & Fortunato, M.W-P. (2010, August). Time to move forward: How the great recession impacted Pennsylvania boroughs. *Pennsylvania Borough News*.

Alter, T.R. (2010, April). Keys to leadership. *Pennsylvania Borough News*.

Alter, T., Bridger, J., Sager, S., Schafft, K., & Shuffstall, W.C. (2007). Getting connected: Broadband services a key to a vibrant rural America. *Rural Realities*, 2(1), 1-10.
Also published in *The Rural Sociologist*, 27(2), 24-33.

Alter, T.R., & Book, P.A. (2001). The engaged university: Reorganizing to serve the public good. *Metropolitan Universities: An International Forum*, 12(3), 30-40.

D. In-House Publications

Alter, T.R., Fuller, T.E., & Miller, A.M. (2014). Middle-income job decline in Pennsylvania, update 2001-13: Business cycle, great recession and recovery. Research report for the Center for Economic and Community Development, Department of Agricultural Economics, Sociology, and Education, The Pennsylvania State University.

Alter, T.R., Fuller, T.E., McPhail, L.G., Miller, A.L., & Promisloff, B. (2013). Middle-income job decline in Pennsylvania, 2001-2011: Business cycle to great Recession and beyond. Center for Economic and Community Development. <http://aese.psu.edu/research/centers/cecd>

Alter, T.R., Fuller, T.E., & Smith, S.M. (2009). *Pennsylvania: Road to growth 2001-2007 and beyond*. Penn State University, College of Agricultural Sciences.

Alter, T.R., with research assistants, Boop, J., Caldwell, S., & Weinstein, A. (2008-201). *Research you can use*. Penn State Cooperative Extension Economic and Community Development monthly newsletter.

E. Final Research Reports to Sponsor

Alter, T.R., Bridger, J.C., & Frumento, P.Z. (2015). *Understanding the democratic and political mindsets of faculty: Final report*. Prepared for the Kettering Foundation.

Alter, T.R., Peters, S.J., & Shaffer, T.J. (2015). *Aligning institutional routines with citizens' work: Stories from cooperative extension professionals*. Prepared for the Kettering Foundation.

Alter, T.R. (2012). *Bridging the digital divide*. Prepared for the U.S. Department of Agriculture (USDA) National Research Initiative (NRI).

Weaver, R.D., & Alter, T.R. (2011). *Collaboration as fuel for growth: Final report*. Prepared for the U.S. Department of Agriculture (USDA) National Research Initiative (NRI).

Thomas, P., Fortunato, M., Adapa, S., Davies, E., & Alter, T. (2011). *Regional innovation: Strategic development community based innovation in the Northern Inland Region of NSW*. Prepared for the Enterprising Regions Program, New South Wales Department of Trade and Investment.

Theodore R. Alter

Bridger, J.C., & T.R. Alter. (2010). *Social capital and rural economic development: Final report*. Prepared for the U.S. Department of Agriculture (USDA) National Research Initiative (NRI).

Alter, T.R., & Ooms, T. (2010). *Baseline socioeconomic analysis for the Marcellus Shale development in Pennsylvania*. Prepared for the Appalachian Regional Commission.

Shingler, J., Bridger, J.C., & Alter, T.R. (2009). *The BCS case handling quality improvement study: Final report*. Prepared for the Consumer Services Information System Project. Department of Agricultural Economics and Rural Sociology, The Pennsylvania State University.

Bridger, J.C., & Alter, T.R. (2009). *Faculty and staff engagement at Penn State*. Prepared for the FOCUS Project. Department of Agricultural Economics and Rural Sociology, The Pennsylvania State University. Submitted to Vice President, Penn State Outreach.

Alter, T.R., Sager, S.S., Fortunato, M.W-P, Bridger, J.C., Shuffstall, W.C., & Poppiti, K. (2009). Bridging the digital divide in telecommunications and rural development. Presented at the USDA-NRI Rural Development Project Directors' Meeting, Washington D.C. 23 October, 2009.

F. Publications in Progress

Alter, T.R., Parkes, M.W., Woolnough, A.P., & Reid, M. The Victorian Rabbit Action Network: Socio-political-ecological Insights from a Wicked Problem. *Journal of EcoHealth*. (Currently under review).

Balfour, B.J. & Alter, T.R. Community Development Online: A Review of Computer-Mediated Versus Face-to-Face Interactions, Commitment, and Group Identity for Civic Engagement and Collaboration. *Journal of Community Practice*. (Revision under review).

Mahmoodi, M., Fortunato, M. W-P., & Alter, T.R. "Entrepreneurial culture and agritourism in the Caspian Sea region of Iran." *Journal of Enterprising Communities: People and Places in the Global Economy*. (Revision under review).

Alter, T.R., Frumento, P.Z., Howard, T., Miller, M.S., & Thompson, L-J. *Invasive animals management: Stories from the field*. Invasive Animals Cooperative Research Centre (IACRC). Book. Under development.

Alter, T.R., Barsom, S.H., Calore, G.S., Engle, E.W., Frumento, P.Z., Goldberg, D.E., Miller, M.S., & Sterner, G.E.III. Achieving the promise of sustainability through civic engagement and public scholarship. Prepared for *Public Scholarship, Sustainability, Community Engagement Colloquium*. Under development.

Alter, T.R., Bridger, J.C., Frumento, P.Z., & Sterner, G.E.III. Transformative talk: The role of dialogue in connecting deliberative democracy and community development. Under development.

Alter, T.R., Braiser, K.J., Kelsey, T.W., Whitmer, W.E., Arthur, M., & Orland, B. Academic freedom and academic responsibility: Reflections of science and democracy in the debate over Marcellus Shale development. Under development.

Thompson, L-J, Bridger, J.C., Frumento, P.Z., & Alter, T.R. The role of narrative and storytelling in community engagement for the management of invasive animals issues in Australia. Under development.

G. Book Reviews

Alter, T.R. (2012). Review of *Together we can: Pathways to collective leadership in agriculture at Texas A&M* by Hiler, Edward A., and Steven L. Bosserman. *Great Plains Research Journal*.

Theodore R. Alter

H. Online Tools

Shuffstall, W.C., Whitmer, W.E., Alter, T.R., Easterling, H.M., & Frumento, P.Z. (2015). *Engagement Toolbox*. <http://aese.psu.edu/research/centers/cecd/engagement-toolbox>

II. PRESENTATIONS AT TECHNICAL AND PROFESSIONAL MEETINGS

Barsom, Susannah (Penn State), Theodore R. Alter (Penn State), Debra Rowe (Oakland Community College), Eban Goldstein (Bard College), and Chris O'Brien (American University). Juried panel discussion. "Student and Community Transformation: Addressing Civic Responsibility, Sustainability and Values through Engaged Scholarship." Association for the Advancement of Sustainability in Higher Education (AASHE) 2015 Conference & Exposition. 27 October 2015, Minneapolis, Minnesota.

Sterner, Glenn, Theodore R. Alter, Susannah Barsom, Elyzabeth Engle, and Taylor Griffon. "Bringing it All Together: Examining the Importance of Capstones in Cross-Disciplinary Academic Programs." Juried presentation. National American Colleges and Teachers of Agriculture (NACTA) Conference, University of Georgia, 18 June 2015, Athens, Georgia. Abstract published in the NACTA Journal, Vol. 59, Supplement 1, distributed at the 2015 NACTA Conference and published online (www.nactateachers.org).

Sterner, Glenn, Theodore R. Alter, Susannah Barsom, and Elyzabeth Engle. Juried presentation. "Curricular Approaches to Community, Sustainability, and Democracy," American Democracy Project (ADP)/The Democracy Commitment (TDC)/National Association of Student Personnel Administrators (NASPA) Civic Learning and Democratic Engagement (CLDE) Meeting - Stewardship of Place: A Civic Mission of Higher Education. 5 June 2015, New Orleans, Louisiana.

Sterner, Glenn, Susannah Barsom Elyzabeth Engle, Theodore R. Alter, and Taylor Griffon. Juried poster. "Curricular Approaches to Civic and Community Engagement and Sustainability Leadership." Engaged Scholarship Symposium, Penn State University, 31 March 2015, University Park, Pennsylvania.

Calvin, James, Theodore R. Alter, Cari Patterson, Michael Rios, Ron Hustedde, Paul Lachapelle, and Dave Beck. "Power and Community Perspectives by the Kettering Foundation Working Group on Community Development and Democratic Practices." Presented at the Community is the Answer 2014 Conference for the International Association for Community Development, Glasgow Scotland. June 2014.

Alter, Theodore R. 2014. "The Antifragile Practitioner: How Embracing Randomness and Innovation can Transform Community Development Practice." Presented at the 2014 Community is the Answer Conference. Glasgow, Scotland. June 9 – 11, 2014.

Hustedde, Ron, Paul Lachapelle, and Theodore R. Alter. 2014. "Reflections on Community Development and Democratic Practice." Presented at the 2014 Community is the Answer Conference. Glasgow, Scotland. June 9-11, 2014.

Alter, Theodore R., Lyndal-Joy Thompson, Jessica Marsh, and Paloma Frumento. 2013. "Human Dimensions of Invasive Animals Management: Program 4E1 of the Invasive Animals CRC." Presented by Thompson at the 16th Australasian Vertebrate Pest Conference, Brisbane Queensland, Australia. May 26, 2014

Radhakrishna, Rama, Michael Fortunato, Paul Martin, Mariam Verbeek, and Theodore R. Alter. 2013. "Managing Invasive Species in Australia: A Need for an Integrated Approach." Presented at the 2014 AIAEE Conference, Miami, FL. April 27-May 1 2014.

Alter, Theodore R., Dennis Deery, Michael W-P Fortunato, Bryan Hains, Ron Hustedde, and Craig Talmage. 2013. "Humanizing Community Innovation: new Strategies for Creative and Collaborative Development Practice." Presented at the 2014 Community Development Society Annual Meeting. July 2014.

Theodore R. Alter

Fortunato, Michael W.P, Theodore R. Alter, and Abigail Miller. 2013. "Independent, Local Broadband and Business Performance: A Multiple Case Study." Presented by Fortunato and Alter at the Annual National Telecommunications Policy Research Conference (TPRC), George Mason University School of Law, Arlington, VA, September 28 – 29 2013.

Alter, Theodore R., Michael Fortunato, Philip Thomas, and Erkan Yalcin. 2013. "Broadband Investment: Private Provisions of Public Good and Information Asymmetry." Presented by Thomas and Yalcin at the Innovation Academics Workshop, Crawford School (ANU, Canberra), May 23, 2013.

Fortunato, Michael W.P and Theodore R. Alter. 2013. "Jazz Capacity: Applying the Knowledge of Jazz Music to Community Innovative Capacity Development." Presented by Fortunato and Alter at the Community Development Society, 2013.

Alter, Theodore R. and Rama Radhakrishna. 2013. "Evaluation Practice in the Early 21st Century." Presented at the American Evaluation Association 2013 Annual Conference, Washington DC.

Fortunato, Michael W.P, Rama Radhakrishna, Miriam Verbeek, Paul Martin, and Theodore R. Alter. 2013. "Evaluating Australia's Caring for our Country Invasive Pest Management Program: A Mixed-Method Analysis of Progress and Opportunities." Presented at the American Evaluation Association 2013 Annual Conference, Washington DC.

Fortunato, M.W.P., J.C. Bridger, T.R. Alter, G.M. Emmerling, K.J. Ortbal, M.R. Schwartz, G.E. Sterner III, and W.C. Shuffstall. 2012. "Promoting Fair Local Organizing for Broadband Delivery: Suggestions for Community-Level Action in Persistently Underserved Communities." Presented by Michael Fortunato and Ted Alter the Telecom Policy Research Conference, Arlington, VA, September 23, 2012.

Sterner, Glenn E., Michael W-P Fortunato, William C. Shuffstall, Theodore R. Alter, and Jeffrey C. Bridger. 2012. A Study of Local Broadband Delivery Strategies for Bridging the Digital Divide. Poster Presentation at the 2012 Rural Sociological Society Annual Meeting, Chicago, IL, July 26-29 2012.

Sterner, Glenn E. III, Michael W-P Fortunato, Kathryn J. Ortbal, Theodore R. Alter, William C. Shuffstall, and Jeffrey C. Bridger. 2012. Unequal Access: An Examination of the Barriers Rural Areas Continue to Face in Broadband Development. Paper Presentation at the 2012 Rural Sociological Society Annual Meeting, Chicago, IL, July 26-29 2012.

Shuffstall, William C., Michael W-P Fortunato, Glenn E. Sterner, Jeffrey C. Bridger, Theodore R. Alter, and Tufan Bal. 2012. Local Processes for Independent Broadband Development. Presentation at the 2012 Conference of the Community Development Society, Cincinnati, OH, July 21-25 2012.

Shuffstall, William C., Glenn E. Sterner, Michael W-P Fortunato, and Theodore R. Alter. 2012. Bridging the Digital Divide: A Study of Rural Broadband Delivery Models. Poster Presentation at the 2012 National Association of Community Development Extension Professionals Annual Meeting, Park City, UT, May 20-23 2012.

Alter, T.R., M.W.P. Fortunato, J.C. Bridger, W.C. Shuffstall, and G. Sterner "Bridging the Digital Divide." Presented by Ted Alter at the AFRI Project Director's Meeting. Miami, Florida, November 2011.

Sterner, G. & Alter, T.R. 2011. Enabling Rural Innovation. Presented 30 July 2011 at Rural Sociological Society and Community Development Society 2011 Joint Meeting.

Theodore R. Alter

Fortunato, M.W.P. and T.R. Alter. 2011. "Entrepreneurial Opportunity and Culture in Rural America: Examining Behavioral, Institutional, and Cultural Differences Between Areas of High and Low Entrepreneurship." Presented by Michael Fortunato at the Uddevalla Symposium on Entrepreneurial Knowledge, Technology and Transformation of Regions. Bergamo, Italy. June 2011

Fortunato, M.W.P., T.R. Alter and J.M. Klos. 2011. "Institutions, Entrepreneurs, and Opportunity: An Interactional Approach to University Engagement in Entrepreneurship Development." Presented by Michael Fortunato at GCHERA 2011: "Universities of Agriculture and Life Sciences: entrepreneurs for sustainable rural development." Beauvais, France. June 2011.

Alter, T.R. and M.W.P. Fortunato. 2010. "The Individual-Institutional-Opportunity Nexus in Entrepreneurship: Bridging Perspectives in Entrepreneurship and Community and Regional Economic Development." Presented by Michael Fortunato at the Uddevalla Symposium on Multi-Dimensional Entrepreneurship and Innovation, Uddevalla, Sweden, August 2011.

Alter, T.R. and M.W.P. Fortunato. 2010. "Against the Grain: What Motivates Entrepreneurs to Locate in Pennsylvania's Non-Metropolitan Cities and Boroughs." Presented by Michael Fortunato at the Uddevalla Symposium on Multi-Dimensional Entrepreneurship and Innovation, Uddevalla, Sweden, August 2011.

Fortunato, M. W-P and T. R. Alter. 2010. "The Individual-Institutional-Opportunity Nexus in Entrepreneurship: Bridging Perspectives in Entrepreneurship and Community and Regional Development." Presented by Michael Fortunato at the Southern Regional Science Association, Arlington, VA. 25 March, 2010.

Alter, T.R., J.C. Bridger, M.W.P. Fortunato, K.A. Poppiti, S.S. Sager, and W.C. Shuffstall. "The Digital Divide: A Three-county Case Study of Open-Access Broadband Development in Pennsylvania." Rural Sociological Society (RSS), Madison, WI, 1 August, 2009.

Alter, T.R., M.W.P. Fortunato, S.S. Sager, and W.C. Shuffstall. *Open Access: A Rural Broadband Delivery Model*. National Association of Community Development Extension Professionals (NACDEP), San Diego, CA, 21 April, 2009.

Alter, T.R., K. Schramm, M. Fortunato, S. Sager, and J. Bridger. 2009. "Attenuating the Universal Service Obligation of the United States Postal Service: Socio-Economic Implications for Rural Areas." Invited paper submitted to Natural Academy of Sciences.

Sager, S., M.W. Fortunato, and T.R. Alter. "Broadband Policy for Rural Areas in North America: US, Canada and Mexico." Association for Canadian Studies in the United States (ACSUS) Biennial Conference, San Diego, CA, 18-24 November, 2009.

Shuffstall W., M.W. Fortunato, S. Sager, T.R. Alter, J. Bridger, K. Poppiti. "The Capacity to Connect: Alternative Community Based Strategies for Broadband Development in Unserved and Underserved Communities." Presented at the National Association of Community Development Extension Professionals Annual Conference, Bloomington, MN., 29 September 2009.

Alter, T.R., J. Bridger, M. Fortunato, K. Poppiti, S. Sager, and W. Shuffstall. "Digital Divide: A Three-County Case Study of Open Access Broadband Development in Northern Appalachia Digital Divide." Presented at the Rural Sociology Society Annual Meeting, Madison, WI., 1 August, 2009.

Alter, T.R., J. Bridger, M.W. Fortunato, S. Sager, W. Shuffstall. "The Digital Divide: Solutions for the Delivery of Competitive High-Speed Internet to Rural America in the Global Economy." Presented at the Rural Sociology Society Annual Conference, Madison, WI., 1 August 2009.

Theodore R. Alter

Shuffstall W., M.W. Fortunato, S. Sager, T.R. Alter. "Open Access: A Rural Broadband Delivery Model." Presented at the National Association of Community Development Extension Professionals Annual Conference, San Diego, CA., 21 April 2009.

III. CONFERENCES, SEMINARS, WORKSHOPS, AND SPEAKING ENGAGEMENTS

Alter, Theodore R. and Glenn Sterner "Status of Civic and Community Engagement Minor" Presented to The Pennsylvania State University – Abington Campus, Abington, PA. February 9-10, 2015

Alter, Theodore R. and Glenn Sterner "Status of Civic and Community Engagement Minor" Presented to the Undergraduate Education Council at Old Main, University Park, PA. January 4, 2015

Alter, Theodore R., Ted Fuller, and Abigail L. Miller. "Middle-Income job Decline in Pennsylvania." Presented at the TransEdge Truck Center Conference, State College, PA. October 6, 2014

Alter, Theodore R. "Addressing Feral Swine in the United States and Australian Contexts." To be presented at the Northeastern Society of Agricultural Research Managers, Biglerville, PA. February 12, 2014

Alter, Theodore R. "The Utilization of Broadband in Community and Economic Development. Invited seminar for Information Sciences and Technology (IST) 402: Information and Communication Technologies for Development. Instructed by Dr. Carleen Maitland, November 7, 2012.

Alter, Theodore R. "Linking Relationships, Leadership, and Community Engagement: Penn State Extension Director Seminar." Presented at Penn State University, February 2012.

Alter, T.R. 2011. "Regional Development – The Politics of Collaboration." Presented at the Armidale Business Chamber/August Members Meet. Armidale, NSW, Australia, August 2011.

Alter, T.R. and M. W-P Fortunato. 2011. "Rural Broadband Investment in the United States: The Political Economy of Growth." Presented by Theodore Alter at The University of New England. Armidale NSW, Australia. August 2011.

Alter, T.R. 2011. "Engaged Scholarship and the Land-grant Mission in the 21st Century." Presented at The Legacy and the Promise: 150 Years of Land-Grant Universities, Penn State University, June 2011 (Captured in Video shown on Penn State LIVE)

Alter, T.R. and D. McLaughlin. 2011 "Defining 'region': Theory, processes, and models of regional collaboration and development." Community and Economic Development Graduate Program 2011 Summer Institute. Penn State University, June 2011.

Alter, T.R. "Pennsylvania's Economy – What's Next?" Presented at RULE XIII, Penn State University, January 2011.

Alter, T.R., Asset-Mapping Workshop. Westmoreland County's First Annual Community and Economic Development Summit. 9 September 2010.

Alter, T.R., Improving Rural Policy. Westmoreland County's First Annual Community and Economic Development Summit. 9 September 2010.

Alter, T.R., Pennsylvania's Economy: What's Next? 2010 PA Truck Dealers Association, 19 August 2010.

Theodore R. Alter

Alter, T.R., Invited speaker. Pennsylvania's Economy: What's Next?. 2009 County Commissioners Association of Pennsylvania Fall Conference, Hershey, PA, 23 November, 2009.

Alter, T.R., Invited speaker. Pennsylvania's Economy: What's Next? North Central Pennsylvania Regional Planning and Development Commission. 18 November, 2009.

Alter, T.R., Keynote speaker. *Pennsylvania's Economy: What's Next?*. Pennsylvania Data User Conference, Harrisburg, PA, 10 September, 2009.

Alter, T.R., Invited presentation. *The Recession and Rural Pennsylvania – What's Next?*. Pennsylvania Rural Electric Association Summer Meeting. 16 July, 2009

Alter, T.R., guest speaker for Penn State Collegiate Farm Bureau. 4 March, 2009.

Alter, T.R. Invited seminar for Agricultural and Extension Education (AEE) 515: Engagement through Outreach Scholarship in Higher Education, February, 2009.

IV. FUNDED RESEARCH PROJECTS, GRANTS, AND CONTRACTS

A. In Progress

Title	Role	Sponsor	Dates	Total Budget
Increasing Stakeholder Participation in Biosecurity Management	Co-Principal Investigator	Biosecurity Research and Development Fund, Royalties for Regions, Western Australia	07/01/15-06/30/18	AUD\$1,525,900
Consumer Services Information Systems	Co-Principal Investigator	Pennsylvania Public Utility Commission	07/01/15-06/30/16	\$45,608
Consumer Services Information Systems	Co-Principal Investigator	Pennsylvania Public Utility Commission	07/01/14-06/30/15	\$44,278
Pennsylvania Rural Leadership Program	Co-Principal Investigator	Department of Community and Economic Development (DECD)	07/01/14-06/30/15	\$99,000
Scholarship, Sustainability and Civic Engagement: Fostering Long Term Partnerships for Community Change	Co-Principal Investigator	Reinvention Fund Sustainability Institute	06/01/14-07/01/15	\$55,000
Understanding the Political & Democratic Mindsets of Faculty	Principal Investigator	The Charles F. Kettering Foundation	01/01/14-12/31/14	\$34,825 No-cost extension through March 2015
Invasive Animals Cooperative Research Centre (IACRC), Institutional Analysis and Community Engagement Programme, Component of	Co-Principal Investigator and Engagement Team Leader	Invasive Animals Cooperative Research Centre (IACRC), funded by the Commonwealth of Australia	07/01/12-07/01/17	AUD\$6,500,000

Theodore R. Alter

AUD\$19.7 million IACRC contract				
Consumer Services Information Systems	Co-Principal Investigator	Pennsylvania Public Utility Commission	07/01/11-06/30/16	\$1,512,000

B. Completed

Title	Role	Sponsor	Dates	Total Budget
Pennsylvania Rural Leadership Program	Co-Principal Investigator	Department of Community and Economic Development (DECD)	07/01/13-06/30/14	\$100,000
Caring for our Country Invasive Animals Program Evaluation, Data Analysis Component of AUD\$ 800,000 DAFF contract	Principal Investigator	Department of Agriculture, Food, and Forestry (DAFF); Commonwealth of Australia	06/01/12-05/01/13	AUD\$65,000
Labor Market Analysis	Co-Principal Investigator	Marcellus Center for Outreach and Research (MCOR); Penn State	05/01/12-07/01/12	\$17,000
PA Alliance P3 Handbook and Technical Assistance	Co-Principal Investigator	Pennsylvania Alliance for Cooperative Innovation	07/01/11-06/01/13	\$15,308
Pennsylvania Rural Leadership Program	Co-Principal Investigator	Department of Community and Economic Development (DECD)	07/01/11-06/30/12	\$200,000
Analyzing Data and Report on American Recovery and Reinvestment Act of 2009 (ARRA) Weatherization Assistance Program (WAP) Data: Development of Data Reporting System and Program Evaluation	Co-Principal Investigator	U.S. Department of Energy	07/01/11-09/30/11	\$29,797
Intentional Innovation Communities (IIC)	Principal Investigator	New South Wales Department of Trade and Industry (Australia)	05/01/11-04/01/12	AUD\$90,000
Analyzing Data and Report on American Recovery and Reinvestment Act of 2009 (ARRA) Weatherization Assistance Program (WAP) Data: Development of Data Reporting System and Program Evaluation	Co-Principal Investigator	American Recovery and Reinvestment Act (ARRA)	12/01/09-06/30/11	\$426,250
Pennsylvania Rural Leadership Program	Co-Principal Investigator	Department of Community and	07/01/10-06/30/11	\$178,000

Theodore R. Alter

		Economic Development (DECD)		
Consumer Services Information System Project	Principal Investigator	The Pennsylvania Utility Commission	07/01/09-06/01/11	\$518,840
Pennsylvania Rural Leadership Program	Co-Principal Investigator	Department of Community and Economic Development (DECD)	07/01/09-06/30/10	\$188,000
Strengthening Citizen-Centered Civic Engagement through Public Deliberation: An Initiative of Land-Grant Universities and the Cooperative Extension System	Co-Principal Investigator	The Charles F. Kettering Foundation	12/01/08-09/01/13	\$250,000
Marcellus Shale Project	Senior Research Technologist	College of Agricultural Sciences, Cooperative Extension, and Environmental and Natural Resources Institute	09/01/08-08/01/09	\$35,000
Bridging the Digital Divide	Principal Investigator	U.S. Department of Agriculture National Research Initiative competitive grant	09/01/08-08/31/12	\$484,213
Pennsylvania Rural Leadership Program	Co-Principal Investigator	Department of Community and Economic Development (DECD)	07/01/08-06/30/09	\$136,000
Collaboration as Fuel for Economic Growth: Rural Economic Development through Strategic Organizational Change	Co-Principal Investigator	U.S. Department of Agriculture National Research Initiative competitive grant	09/01/06-08/31/11	\$400,000 No-cost extension through August 2011
Social Capital and Rural Economic Development	Co-Principal Investigator	U.S. Department of Agriculture National Research Initiative competitive grant	09/01/05-08/31/09	\$440,100 No-cost extension through August 2010
Community Services Information System Project (CSIS)	Principal Investigator	Pennsylvania Public Utilities Commission	07/01/04-06/30/09	\$1,214,968
Mellon Community Bridge Project	Principal Investigator	Mellon Bank Foundation	01/01/00-12/31/09	\$1,000,000

C. Hatch and Regional Projects

TITLE	SPONSOR	DURATION
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Theodore R. Alter

Community Health and Resilience (participant)	Penn State Agricultural Experiment Station	2012–2017
Rural Change: Markets, Governance and Quality of Life (participant)	Penn State Agricultural Experiment Station	2010–2012
Collaborative Strategies in Global Value Chains (participant)	Penn State Agricultural Experiment Station	2006–2010
Rural Communities, Rural Labor Markets, and Public Policy (participant)	Penn State Agricultural Experiment Station	2006–2010

D. Submitted

Title	Role	Sponsor	Dates	Total Budget
Lessons Learned in Farmers Behavior toward Economic Incentives in Agri-Environmental Programs	Co-Principal Investigator	Norwegian Research Council	03/01/14-3/1/18	\$3,358,000

IV. UNDERGRADUATE THESIS ADVISING

NAME	THESIS TITLE	DATE
Thomas Brewton	TBD	Expected 2018
Tessa Sontheimer	TBD	Expected 2018
Kelli Herr	What is the Role of Non-Native Professionals Working with Native American Communities? (Working Title)	Expected 2017
Alyssa Gurklis	Democracy, Museums, and Civil Society: Exploring the Role of Museums as Public Spaces	2017
Francesca Ramacciotti	What Makes Penn State Students Go Green: Examining ‘Most Significant Change’ Experiences in Individuals’ Sustainability Perception	2017
Alanna Kaiser	Relationships Between Theory and Practice: An Investigation of Social Change in the Community Development Field	2017
Helen Easterling	The Impact of State and Local Financial Strategies on Urban Gentrification	2016
Madison Miller	Rethinking Education on Native American History and Culture	2016
Leah Mothersbaugh	Revitalization in Rural America: A Case Study of Millheim, PA	2016
Kayla Susko	Evolving Motivations of Corporate Social Responsibility at Large, Publicly Traded Firms	2016
Laura Gebhart	Gender Equity in Penn State Athletics: Female Student-athlete Perceptions and the Implications of the Current Institution	2015
Meagan Romania	The Socioeconomic and Health Impacts of Unconventional Natural Gas Development in Pennsylvania and the Ethical Implications of Those Impacts	2015
Lina Montopoli	Relationship Between Protected Areas and Neighboring Communities: A Case Study From Costa Rica.	2014
Alison Goldberg	Transforming Service: A Study of College Service Culture	2014

Theodore R. Alter

	and the Necessary Shift from Volunteerism to Service-Learning.	
Grace Emmerling	Homegrown Nourishment: Toward Place-Based Dining at Penn State	2014
Alison Muscato	Student Perceptions of the Impact of Their Study Abroad Experiences.	2014
Raymond Chappetta	The Tradeoffs of Conservation and Economic Development in Jericoacoara National Park.	2014
Lindsay McPhail	The Relevance of Lags in Water Quality Trading Models for the Chesapeake Bay.	2013
Kelcey Grogan	An Exploration into Extraction: a Comparative Institutional Analysis of Anthracite Coal Mining and Natural Gas Drilling in Northeastern Pennsylvania.	2013
Rachel Hoh	Towards a Cultivated Classroom: Student-Run Farms and the Big 10.	2013
Dana James	The Impacts of Elevation and Climate on the Growth of <i>Pinus sylvestris</i> .	2013
Addison Weinstein		2012

IV. GRADUATE THESIS ADVISING

NAME	THESIS TITLE	DEGREE	DATE
Phileshia Dombrowski	TBD (committee member)	PHD in Recreation, Parks, and Tourism Management	Expected 2018
Katrina Dickson	Transformative Learning in Invasive Animal Management in Australia (co-supervisor)	Professional Doctorate, University of New England, Australia	Expected 2018
Molly Oliver	Understanding and Managing Uncertainty in Design and Planning: An Investigation of Barriers to Green Infrastructure Implementation in the Chesapeake Bay Watershed (committee member)	M.S. in Landscape Architecture	Expected 2017
Michael Reid	Integrating Knowledge into Policy and Practice for the Sustainable Intensification of Agriculture: Experiences from Australia and India	Professional Doctorate, University of New England, Australia	Expected 2017
Bruce C. Balfour	Building a Creative Community Field: Arts-Based Development and Network Structure in Rural Communities (Co-supervisor)	PhD in Rural Sociology	Expected 2017
Elyzabeth Engle	TBD (committee member)	PhD in Rural Sociology	Expected 2017
Jean Lonie	TBD (Co-supervisor)	PhD in Agricultural and Extension Education	Expected 2017

Theodore R. Alter

Brad Olson	The Effect of Community Factors on Willingness to Participate in University-Community Engagement (committee member)	PhD in Agricultural and Extension Education	Expected 2017
Noel Habashy	TBD (Co-member)	PhD in Agricultural and Extension Education	Expected 2017
Phileshia Dombroski	TBD (committee member)	PhD in Department of Recreation, Park and Tourism Management	Expected 2017
Erika Pioltine-Anseloni	Opening the Curtains: Unveiling Power Relations and Other Factors That Could Hinder Citizen Participation in the Brazilian Social Mobilization for Education Plan (Co-supervisor)	PhD in Agricultural and Extension Education	Expected 2017
Karen Vines	TBD (committee member)	PhD in Agricultural and Extension Education	Expected 2017
Katrina Dickson	Transformative Learning in Invasive Animal Management in Australia	PhD, University of New England, Australia	Expected 2017
Peter Lloyd	TBD (committee member)	Professional Doctorate, University of New England, Australia	Expected 2017
Darren Marshall	Integrating Human Dimension and Ecological Research: Improving Feral Pig Management by Fostering Innovative Community Engagement (committee member)	Professional Doctorate, University of New England, Australia	Expected 2017
Darren Keegan	A New Public Policy to Create a Low Carbon Place? (co-supervisor)	Professional Doctorate, University of New England, Australia	Expected 2017
Lisa Yorkston	TBD (committee member)	Professional Doctorate, University of New England, Australia	Expected 2017
Peter McCain	Development Initiatives in Atlanta: Smart Growth by Another Name (committee member)	MPS in Community and Economic Development	2016
Holly Prater	The Economic Factors of Hunger in the United States (committee member)	MPS in Community and Economic Development	2016
Olga Okorokova	Gentrification on Environmental Sustainability & Mass Transit Development: City of Miami, Florida	MPS in Community and Economic Development	2016
Jenee Graynor Kresge	Inclusionary Zoning in Washington, D.C. – Offering Access to High Performing Schools and Low-Poverty Neighborhoods (committee member)	MPS in Community and Economic Development	2016

Theodore R. Alter

Lisa Cecchini	Youth Impacts of Participation in Community Development (committee member)	MPS in Community and Economic Development	2016
Jason Brunke	The Potential Impact of Entrepreneurial Training at the Secondary Level (committee member)	MPS in Community and Economic Development	2016
Tanya Howard	Institutionalizing Community Engagement in Environmental Governance: Can International Norms Inform an Australian Response? (committee member)	PhD, University of New England, Australia	2016
Victor Motta	Access to Capital of Small and Medium Sized Enterprises in the Brazilian Service Sector (committee Member)	PhD in Recreation Parks and Tourism Management	2016
Michael O'Dell	Can the Availability of E-Commerce Services Help Rural Main Streets Attract Income from External Markets? (committee member)	MPS in Community and Economic Development	2015
Eddie Santiago	The Interactional Approach and Outcomes for Community Programs Serving Hispanics Using the Promotor Model (committee member)	MPS in Community and Economic Development	2015
Glenn Sterner	An Examination of Rural Community Adoption Processes of Economic Development Innovations (committee member)	PhD in Rural Sociology	2015
Steve Strumbis	Entrepreneurial Economic Development: An Autoethnographic Exploration of my Journey from engineer to Entrepreneur (supervisor)	MPS in Community and Economic Development	2015
Tyler Dombroski	Two Case Study Analyses of Road and Bridge Infrastructure in Rural Pennsylvania.	MPS in Community and Economic Development	2014
Bruce Dye	Gatekeepers of Entrepreneurial Activity: Formal Institutions and the Entrepreneurial Ecology	MPS in Community and Economic Development	2014
Kevin Ferrara	Reinforcing Community During a Military Installation Closure: A Perspective Paper Aiming Towards a Framework for Community Redevelopment	MPS in Community and Economic Development	2014
Jonathan Pinkerton	Business Improvement Districts and Civic Discourse in Urban Public Spaces.	MPS in Community and Economic Development	2014
Melani Racki	Community and Non-Profit Incubators: Understanding Their Function and Contrasting Them to Traditional Economic Development Practices.	MPS in Community and Economic Development	2014
Valentina Ross	Cities' Contribution to Global Sustainability - Lessons from the European Urban Model. A Case Study of Rome, Italy (committee member)	MPS in Community and Economic Development	2014
Phil Townsend	An Integrated Analytical Economic Framework to Inform Future Australian	PhD in Economics, Australia National	2014

Theodore R. Alter

	Plantation Policy (external reviewer)	University	
Bruce Balfour	Building an Innovation Community: Network Structure, Social Capital, and Non-Linear Innovation in a National Laboratory Environment (committee chair)	MPS in Community and Economic Development	2013
Kyle Cecil	A Conceptualization of Faculty Social Responsibility of a Private Liberal Arts College (committee member)	PhD in Education Administration & Policy, University of Illinois	2013
Sheila Delquadri	Increasing Community Capacity Through Community College Civic Engagement Strategies (committee member)	MPS in Community and Economic Development	2013
Julie Patosky	A Review of the Land Value Only Taxation System used by the City of Altoona, Pennsylvania(committee member)	MPS in Community and Economic Development	2013
Robert Ball	The Fire Service in Community Development: Prevention, Partnerships, and Public Value (committee member)	MPS in Community and Economic Development	2012
Jeff Day	The Effects of Military Mobility on Involvement in Community Development (committee member)	MPS in Community and Economic Development	2012
Michael Fortunato	The Individual-Institutional-Opportunity Nexus in Entrepreneurship: Bridging Perspectives in Entrepreneurship and Local Economic Development (committee member)	PhD in Rural Sociology	2012
Andre Luiz da Silva	Knowledge, Knowledge Management, and Innovation: The Importance of Knowledgeable Citizens to Community and Economic Development Efforts (committee chair)	MPS in Community and Economic Development	2012
Jason Peirce	The Responsible Banking Ordinance as a Community Development Mechanism (committee chair)	MPS in Community and Economic Development	2012
Jeffrey Barr	The Role of Universities in Local Place-Based Development: Practice and Potential (committee chair)	MPS in Community and Economic Development	2011
James Keib	Elite Power, the Growth Machine and Local Economic Development: A Case Study (committee member)	MPS in Community and Economic Development	2011
Lucas Shaeffer	Domestic Migration and Self-Employment Growth: Is there a Relationship? (committee member)	MS in Agricultural, Environmental, and Regional Economics and Demography	2011
Omar Strohm	Fiscal Distress in Pennsylvania Third Class Cities: A Case Study (committee chair)	MPS in Community and Economic Development	2011
Brandon Woods	Energy Efficiency & Sustainable Development at Naval Air Station (NAS) Jacksonville (committee chair)	MPS in Community and Economic Development	2011
Jay Athia	Downtown Kitchener and Centre Block: an Attempt to Revitalize a Struggling	MPS in Community and Economic	2010

Theodore R. Alter

	Downtown (committee member)	Development	
Jason Bryan	A Study of What Creates a Sense of Community within the Town of Freeport, Florida (committee member)	MPS in Community and Economic Development	2010
Michael Leahey	Sustainable Community Economic Development: A Framework for Practitioner (committee member)	MPS in Community and Economic Development	2010
Mary-Alice Marete	The Influence of Cooperative Structure on Commitment and Member Satisfaction: A Case of the Murang'a Nutribusiness Cooperative in Kenya (committee member)	PhD in Agricultural and Extension Education	2010
Eric McGinnis	Philanthropy and Pennsylvania's Natural Gas Boom: An Examination of Philanthropic Opportunities in Rural Communities (committee chair)	MPS in Community and Economic Development	2010
Chris Wimsatt	Urban Redevelopment within the City of Dayton: A paper to assist community leaders and citizens interested in redeveloping Dayton's urban core (committee chair)	MPS in Community and Economic Development	2010
Kevin O' Donovan	Labour Efficiency on Irish Dairy Farms (committee member)	PhD in Agribusiness, University College Dublin	2009
Judy Chambers	Keys to Effective Implementation of Joint Municipal Plans in Pennsylvania (committee chair)	MS in Community and Economic Development	2009

VI. NEW COURSES DEVELOPED

A. Undergraduate Courses

1.	Title:	<i>Community, Local Knowledge, and Democracy</i> (CED 375H)
	Description:	This course familiarizes students with principles, concepts and skills essential to understanding processes of community decision making and community development.
	Audience:	Sophomores, juniors, and seniors in the Schreyer Honors College.
	Offered:	2010 to present.

2.	Title:	<i>Integrated Capstone Experience: Community, Democracy, and the Political Economy of Local Knowledge</i> (CED 475)
	Description:	Required course for Community, Environment, and Development (CED) majors.
	Audience:	Juniors, seniors, and first-year M.S. students.
	Offered:	2009.

Theodore R. Alter

3.	Title:	<i>Power, Conflict, and Community Decision Making (CED 417)</i>
	Description:	Required course for Community, Environment, and Development (CED) majors; provides an analytical framework for analyzing power, conflict, and public choice. This course focuses on factors that shape human interdependence and behavior, patterns of influence and power, and the impacts of human behavior and power on community decision making and public policy.
	Audience:	Juniors, seniors, and first-year M.S. students.
	Offered:	2008 to present.

4.	Title:	<i>Land and Water Policy (Ag Ec 422)</i>
	Description:	Public decision making and policy issues in land and water resource management; cost-benefit analysis.
	Audience:	Juniors, seniors, and first-year M.S. students.
	Offered:	1978 to 1980.

B. Graduate Courses

1.	Title:	<i>Regional Development Theory, Policy, and Practice (CEDEV 560)</i>
	Description:	Understanding principles and strategies of regional growth and development; focusing on challenges to theory, policy, and practice; emphasizing change in metropolitan, micropolitan, and rural areas.
	Audience:	Students in the Community and Economic Development (CEDEV) M.P.S. program.
	Offered:	2012 to present.

2.	Title:	<i>Community and Economic Development and Leadership (CEDEV 500)</i>
	Description:	Online course; understanding principles and strategies of community and economic development.
	Audience:	Advanced M.S. and Ph.D. students in community and economic development.
	Offered:	2006.

3.	Title:	<i>Institutional Economics: Principles and Perspectives</i>
	Description:	Theories in institutional economics and their application to current social and economic issues.

Theodore R. Alter

Audience:	Advanced M.S. and Ph.D. students in community and economic development.
Offered:	1978, 1979, 1984, and 1988.

VII. SERVICE TO GOVERNMENT AND THE PROFESSION

A. Service to Government

Associate Editor, *Speaker's Journal on Pennsylvania Policy*, 2010

Appointed Member, Steering Committee, Pennsylvania Policy Forum, a newly formed (December 2008) entity of the Pennsylvania General Assembly with the mission of fostering research and providing information on important current and emerging public policy issues for state and local government elected and appointed officials and citizens, 2008 – present.

Member, Board of Directors, Center for Rural Pennsylvania, 2007-present

Member, Governor's Advisory Council on Rural Affairs 2007- 2010

Research Associate, Legislative Office for Research Liaison, Pennsylvania House of Representatives. 2006-2010

Project Director, Consumer Services Information Systems project, funded by the Pennsylvania Public Utilities Commission at \$626,365 for three years, January 2003-present. The purpose of the is project is to provide an information system and data analysis to the Public Utility Commission to be used in setting regulatory policy, to work on tracking and evaluating statewide low-income weatherization program, and to provide statewide date on statewide consumer attitude toward regulation.

Member, Forestry Task Force Advisory Committee of the Joint Legislative Air and Water Pollution Control and Conservation Committee, June 1999 - present

Member, Pennsylvania Rural Development Council, 1996-present

B. Service to the Profession

Alter, T.R., & Fortunato, M.W-P. (2015). Editors. Special Issue on Entrepreneurship and Community, *Community Development: A Journal*. Accepted – In Press.

Alter, T.R., Arnalds, A., & Martin, P. (2015). Editors. Special issue on The Human Dimensions of Soils Governance, *International Journal of Rural Law and Policy*. Accepted – In Press.

Invited review for Policy Press, The University of Bristol of a proposal by post-doctoral research fellows Nathan Eisenstadt and Aksel Ersoy for a book tentatively titled *The Impact of Co-production: From Engagement to Social Justice*, 24 May 2015.

Invited external reviewer for doctoral dissertation, "An integrated analytical economic framework to inform future Australian forest plantation policy," Australian National University, February 2013

Invited Conference Reviewer, International Family Business Research Academy (IFERA) 2011-13

Theodore R. Alter

Invited Proposal Reviewer, USDA, National Institute of Food and Agriculture Small Business, Innovation Research Program Small and Mid-Size Farms (SBIR), February 2012

Section Editor, “The Future Landscape” in Handbook of Engaged Scholarship: The Contemporary Landscape, Michigan State University, 2009

Book reviewer editor and Associate Editor *Journal of Higher Education Outreach and Engagement*, 2006-2013

Educational Board, *Journal of Community Engaged Scholarship*, 2009- Present

External reviewer for tenure and promotion decisions

NAME/INSTITUTION	NATURE OF REVIEW	DATE
Dr. Michael Wilcox University of Tennessee	Promotion to Associate Professor	November 2011
Dr. Phil Watson University of Idaho	Tenure and Promotion to Associate Professor	July 2013
Ebru Guven Solakoglu Bilkent University	Promotion to Associate Professor	May 2013
Dr. Robert Parsons University of Vermont	Promotion to Professor	2009

Manuscript reviewer for the following journals: *Journal of the Community Development Society*, *International Regional Science Review*, *Journal of Natural Resources and Life Science Education*, and *Journal of Higher Education Outreach and Engagement*, *Entrepreneurship Research Journal*; *Journal of Community Engaged Scholarship*; *Journal of Higher Education, Outreach, and Engagement*; *Sociological Quarterly*; *Journal for Applied Geography*; *International Family Business Research*.

VIII. MEMBERSHIP AND PARTICIPATION IN PROFESSIONAL SOCIETIES

- A. American Agricultural Economics Association, 1976 – present
- B. Association for Evolutionary Economics, 1976 – present
- C. Northeastern Agricultural and Resource Economics Association, 1976 – present
- D. Community Development Society of America, 1978 – present
- E. Epsilon Sigma Phi, National Honorary Extension Fraternity, 1981 – present, Membership Committee since 2015
- F. Gamma Sigma Delta, The Honor Society of Agriculture, 1985 – present
- G. Philadelphia Society for Promoting Agriculture, 1991 – present
- H. Graduate School, Penn State University, senior member, 1992 – present
- I. Association of Leadership Educators, 1998 – present.
- J. American Association for Continuing Higher Education, 2000 – present.
- K. American Economic Association, 2004 – present.
- L. Rural Sociological Society, 2004 – present.
- M. Southern Regional Science Association, 2005 – present.
- N. National Association of Community Development Extension Professionals, 2005 – present.
- O. International Atlantic Economic Society, 2006 – present.
- P. Editorial Board for *Journal of Community Engagement and Scholarship*, 2007 – present
- Q. Editorial Board for *Journal of Higher Education Outreach and Engagement*, 2006 – present
- R. American Economic Association, 2007 – present.
- S. Academic of Community Engaged Scholarship, 2015, Project Identification and Funding

Theodore R. Alter

Committee, Nomination and Metrics Committee since 2015

IX. SERVICE TO THE UNIVERSITY AND THE PUBLIC

A. Departmental Committees and Service—Department of Agricultural Economics and Rural Sociology, Penn State University

1. Member and Co-Chair, AESE ad hoc Promotion and Tenure Committee, 2012
2. Member, Development and Alumni Relations Committee, 2012
3. Member, Undergraduate Program: CED Committee, 2011 – present
4. Member and Chair, Tenure and Promotion Committee, 2011 – present
5. Convener and facilitator, Marcellus Shale research and policy working group, Department of Agricultural Economics and Rural Sociology, 2009 – present
6. Co-director for the Center for Economic and Community Development 2008-present
7. Chair, Seminar Committee, 2008-present
8. Chair, Promotion and Tenure Committee, 2006-present
9. Member, Community and Economic Development (CEDEV) Graduate Committee, 2006 –present
10. Faculty Advisor, RULE Program, 2004-present
11. Promotion and Tenure Committee, 2005- Present

B. Faculty Peer Review

1. Peer review, Theodore Jaenicke – AG BM 101 – Economic Principles of Agribusiness Decision Making, Fall 2016
2. Peer review, Katherine Zipp – CED 429 – Natural Resource Economics, Fall 2015
3. Peer review, Douglas Wrenn – CED 201 – Introduction to Environmental and Resource Economics, Spring 2015
4. Peer Review, Timothy Kelsey and Kathy Brasier – CED 497A – Facilitation Practice, Fall 2014
5. Peer Review, Dr. Edward C. Jaenicke – AG BM 101 – Economic Principles of Agribusiness Decision Making, Fall 2013
6. Peer Review, Dr. Timothy Kelsey and Dr. Clare Hinrichs, CED 475 – Community, Environment, and Development Integrated Capstone, Spring 2013
7. Peer Review, Dr. Kathryn Daenzer, CED 431W – Economic Analysis of Environmental and Resource Policies, Spring 2012
8. Peer Review, Dr. Daniel Foster, AEE 412 – Methods of Teaching Agriculture and Environmental Science, Fall 2012
9. Review, Dr. Stephan Goetz, CEDEV 530 (developing course)
10. Peer Review, Dr. Jonathan Tuthill, AG BM 407 – Farm Financial Management, Fall 2011
11. Peer Review, Dr. Alessandro Bonanno, AG BM 302 – Food Products Marketing, Spring 2011
12. Peer Review, Dr. Jim Dunn, AG BM 102 – Economics of the Food System, Fall 2010
13. Peer Review of Dr. Jim Beierlein’s Agribusiness Management 101-Principals of Agribusinesss Decision Making, Spring 2009
14. Peer Review of Dr. John Becker’s AG 301W – Introduction to Agricultural Law, Fall 2009

C. College Committees—College of Agriculture, Penn State University

1. Faculty Adviser, Undergraduate Microfinance Club, 2013-2016
2. Faculty Adviser, Undergraduate Student Society for Indigenous Knowledge Club, 2012
3. Member, Buck Research Award Selection Committee, 2009
4. Member, Advisory Committee for the Marjorie Grant Whiting Endowment for the Advancement of Indigenous Knowledge, 2009 – present
5. Chair, Environmental and Natural Resource Institute (ENRI) Award Committee, 2006-2009

Theodore R. Alter

6. Buck Research Award Review Committee, 2004, 2009.
7. Committee on Outreach to Diverse Audiences, 1992–present
8. Editorial Advisory Board, *Penn State Agriculture*, 1991–96; 1998-present

D. University Committees–Penn State University

1. Member, “Regional Engagement Teams”, Penn State Outreach Office of Economics and Workforce Development, 2008-present
2. Member, Penn State Outreach Office of Economics and Workforce Development Working Group, 2008-present
3. Co-chair, Planning Committee, University-wide Critical Infrastructure Policy Symposium, Penn State Outreach Office of Economic and Workforce Development, 2008 – present
4. Member, National Outreach Scholarship Conference Planning Committee, 2005- present

E. Other University Service–Penn State University

1. Research Higher Degree Supervisor at the Higher Degree Research Committee of the Academic Board at the University of New England. Certified to supervise Research Masters and Doctoral students. August 2012-present
2. Adjunct Research Fellow, School of Law at the University of New England, August 2011 – July 2014
3. Member, Board of directors, Ideas to Action Center (i2A), The University of New England, August 2011– July 2014
4. Peer review, Robert Parsons’ dossier for promotion to Professor, Department of Community Development and Applied Economics, University of Vermont, 2009
5. Committee member, Kyle Cecil, PhD candidate in Higher Education Administration and Policy at the University of Illinois; dissertation title: A Conceptualization of Social Responsibility among Faculty of a Private Liberal Arts College; 2009-2010
6. Peer Review, Barry Messer’s portfolio, Portland State University, Fall 2009
7. Chair, Board of Directors, National Extension Diversity Center, 2005-Present
8. Represent Penn State Vice President for Outreach on Penn State Faculty Senate Committee on Outreach, 2004 – Present
9. Member, Penn State Cooperative Extension’s Change Agent States for Diversity (CASD) Initiative 2000-present
10. Director, College of Agriculture Urban Programs Study, Penn State University 1987–present

F. Service to the Public

1. Member, Board of Directors, The Rodale Research Institute, 2004-2009
2. Member, Board of Directors, Pennsylvania Rural Partners, 2004-Present
3. Member, Forestry Task Force Advisory Committee of the Joint Legislative Air and Water Pollution Control and Conservation Committee, Pennsylvania General Assembly, June 1999 – present
4. Member, Pennsylvania Rural Development Council, 1996-present