

January 2016

Curriculum Vita Leland Luther Glenna

Contact Information

Department of Agricultural Economics, Sociology, and Education
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Education

1997 Ph.D. in Rural Sociology, University of Missouri
1992 M.Div., Harvard University School of Divinity
1989 B.A. in History, Hamline University (Magna Cum Laude)

Awards Received

- Community of Advising Excellence Award, The Pennsylvania State University College of Agricultural Science 2013
- Rural Sociological Society's Fred Buttel Outstanding Scholarly Achievement Award 2013
- Community of Teaching Excellence Award, The Pennsylvania State University College of Agricultural Science 2011
- Agriculture, Food, and Human Values Society Award for Excellence in Research 2010
- The Pennsylvania State University College of Agricultural Science's 2007 Roy C. Buck Award for best published paper by an untenured professor
- Oliver Cromwell Cox Graduate Student Paper Award 1995
- Williams Fund Fellowship, Harvard Divinity School 1989-92
- Academic All Conference Award (Football) 1988 & 1987

University Positions

2011-Present Associate Professor, Rural Sociology, The Pennsylvania State University, with a courtesy appointment in the Science, Technology, and Society Program
2005-2011 Assistant Professor, Rural Sociology, The Pennsylvania State University, with a courtesy appointment in the Science, Technology, and Society Program
2004-2005 Assistant Professor, Community and Rural Sociology, Washington State University
2002-2004 Assistant Research Sociologist, University of California at Davis
2000-2002 Lecturer, Cornell University Rural Sociology Department
1997-1999 Post-doctoral Associate, Cornell University Rural Sociology Department
1996-1997 Research Associate, Cornell University Rural Sociology Department
1993-1996 Teaching and Research Assistance Positions, University of Missouri

Professional Activities

- 2014-2015 National Research Council – Genetically Engineered Crops: Past Experience and Future Prospects
- 2015 President Elect – Agriculture, Food, and Human Values Society
- 2008 to pres. Editorial Board, *Agriculture and Human Values* journal
- 2007-2009 Agricultural, Food, and Human Values Society Council Member
- 2011-2013 Rural Sociological Society Council Member
- 2000-2001 Co-Chair Sociology of Food and Agriculture Interest Group of the Rural Sociological Society

Peer-Reviewed Publications

- Borlu, Yetkin and Leland Glenna. 2015. "Fostering Consent in a Post-Fordist Regime: The Case of Industrial Maize Farming in Turkey." *Current Perspectives in Social Theory* 34: 17-40.
- Glenna, Leland, Sally Shortall, and Barbara Brandl. 2015. "The University, Public Goods, and Food & Agricultural Innovation." *Sociologia Ruralis* 55(4): 438-459.
- Glenna, Leland L., John Tooker, J. Rick Welsh, and David Ervin. 2015. "Intellectual Property, Scientific Independence, and the Efficacy and Environmental Impacts of Genetically Engineered Crops." *Rural Sociology* 80(2): 147-172.
- Jones, Kristal, Leland L. Glenna, and Eva Weltzien. 2014. "Assessing Participatory Processes and Outcomes in Agricultural Research for Development from Participants' Perspectives." *Journal of Rural Studies* 35: 91-100.
- Lacy, William B., Leland L. Glenna, Dina Biscotti, Rick Welsh, and Kate Clancy. 2014. "The Two Cultures of Science: Implications for University-Industry Relationships in U.S. Agriculture Biotechnology." *Journal of Integrative Agriculture* 12(1): 60345-60347.
- Schafft, Kai A., Leland L. Glenna, Yetkin Borlu, and Brandn Q. Green. 2014. "Local Impacts of Unconventional Gas Development within Pennsylvania's Marcellus Shale Region: Gauging Boomtown Development through the Perspectives of Educational Administrators." *Society & Natural Resources* 27(4): 389-404.
- Glenna, Leland L. and Christopher R. Henke. 2014. "Agricultural Technologies and the Structure of the North American Agrifood System." Pp. 85-102 in Connor Bailey, Leif Jensen, and Elizabeth Ransom (Eds.) *Rural America in a Globalizing World: Problems and Prospects for the 2010s* Morgantown, WV: West Virginia University Press.
- Schafft, Kai A., Yetkin Borlu, and Leland Glenna. 2013. "The Relationship between Marcellus Shale Gas Development in Pennsylvania and Local Perceptions of Risk and Opportunity." *Rural Sociology* 78(2): 143-262.

Glenna, Leland, David Ader, Wenda Bauchspies, Abou Traoré, and Rita Afiavi Agboh-Noameshie. 2012. "The Efficacy of a Program Promoting Rice Self-Sufficiency in Ghana during a Period of Neoliberalism." *Rural Sociology* 77(4): 520-546.

Hirschl, Thomas A., James G. Booth, Leland L. Glenna, and Brandn Q. Green. 2012. "Politics, Religion, and Society: Is the United States Experiencing a Period of Religious-Political Polarization?" *Review of European Studies* 4(4): 95-109.

Biscotti, Dina, William B. Lacy, Leland L. Glenna, and Rick Welsh. 2012. "Constructing 'Disinterested' Academic Science: Relational Work in University-Industry Research Collaborations." *Politics & Society* 40(2): 273-308.

Glenna, Leland L., Rick Welsh, David Ervin, William B. Lacy, and Dina Biscotti. 2011. "Commercial Science, Scientists' Values, and University Biotechnology Research Agenda" *Research Policy* 40(7): 957-968.

Ervin, David E. Leland L. Glenna, and Raymond A. Jussaume, Jr. 2011. "The Theory and Practice of Genetically Engineered Crops and Agricultural Sustainability." *Sustainability* 3: 847-874.

Glenna, Leland L., Raymond A. Jussaume Jr., and Julie C. Dawson. 2011. "How Farmers Matter in Shaping Agricultural Technologies: Social and Structural Characteristics of Wheat Growers and Wheat Varieties." *Agriculture and Human Values* 28(2): 213-224.

Glenna, Leland L. and Raymond A. Jussaume Jr. 2010. "Social Equity and the Genetically Engineered Crops Controversy." *Choices* 25(2).

Glenna, Leland L. and Robert Roy Thomas. 2010. "From Renewable to Alternative: Waste Coal, the Pennsylvania Alternative Energy Portfolio Standard, and Public Legitimacy." *Society & Natural Resources* 23(9): 856-871.

Ervin, David E., Leland L. Glenna, and Raymond A. Jussaume Jr. 2010. "Are biotechnology and sustainable agriculture compatible?" *Renewable Agriculture and Food Systems* 25(2): 143-157.

Mendum, Ruth and Leland L. Glenna. 2010. "Socioeconomic Obstacles to Establishing a Participatory Plant Breeding Program for Organic Growers in the United States." *Sustainability* 2: 73-91.

Lacy, William B., Leland Glenna, Dina Biscotti and Rick Welsh. 2009. "Agricultural biotechnology, socioeconomic effects, and the fourth criterion." Pp. 1-16 in Michael C. Flickinger (Ed.) *Wiley Encyclopedia of Industrial Biotechnology: Bioprocess, Bioseparation, and Cell Technology*. Hoboken, NJ: John Wiley & Sons, Inc.

Glenna, Leland L. and Daniel R. Cahoy. 2009. "Agribusiness Concentration, Intellectual Property, and the Prospects for Rural Economic Benefits from the Emerging Biofuel Economy." *Southern Rural Sociology* 24(2): 111-129.

Gronski, Robert and Leland Glenna. 2009. "World Trade, Farm Policy and Agribusiness Accountability: The Role of Reflexive Modernization in Constructing a Democratic Food System." *Southern Rural Sociology* 24(2): 130-148.

Hirschl, Thomas A., James G. Booth, and Leland L. Glenna. 2009. "The Link Between Voter Choice and Religious Identity in Contemporary Society: Bringing Classical Theory Back In." *Social Science Quarterly* 90(4): 927-944.

Glenna, Leland L. and Georgi V. Mitev. 2009. "Global Neo-liberalism, Global Ecological Modernization, and a Swine CAFO in Rural Bulgaria." *Journal of Rural Studies* 25(3):289-298.

Biscotti, Dina, Leland L. Glenna, William B. Lacy, and Rick Welsh. 2009. "The 'Independent' Investigator: How Academic Scientists Construct Their Professional Identity in University-Industry Agricultural Biotechnology Research Collaborations." *Economic Sociology of Work* 18: 261-285.

Glenna, Leland L. 2009. "Value-Laden Technocratic Management and Environmental Conflicts: The Case of the New York City Watershed Controversy." *Science, Technology, & Human Values* 34(6): 81-112.

Cahoy, Daniel R. and Leland Glenna. 2009. "Private Ordering and Public Energy Innovation Policy." *Florida State University Law Review* 36(3): 415-458

Jussaume Jr., Raymond A. and Leland Glenna. 2009. "Considering Structural, Individual and Social Network Explanations for Ecologically Sustainable Agriculture: An Example Drawn from Washington State Wheat Growers." *Sustainability* 1:120-132.

Welsh, Rick, Leland Glenna, William Lacy, and Dina Biscotti. 2008. "Close Enough but Not Too Far: Assessing the Effects of University-Industry Research Relationships and the Rise of Academic Capitalism." *Research Policy* 37: 1854-1864.

Hirschl, Thomas A., Daniel A. Ahlquist, and Leland L. Glenna. 2008. "Ideology and the crisis of capitalism." *Workplace* 15: 75-92.

Glenna, Leland L. 2008. "Redeeming Labor: Making Explicit the Virtue Theory in Habermas's Discourse Ethics." *Critical Sociology* 34(6): 767-786.

Glenna, Leland L., Rick Welsh, William B. Lacy, and Dina Biscotti. 2007. "Industry Perceptions of University-Industry Relationships Related to Agricultural Biotechnology Research." *Rural Sociology* 72(4): 608-631.

Glenna, Leland and Ray Jussaume. 2007. "Organic and Conventional Farmers' Opinions on GM Crops and Marketing Strategies." *Renewable Agriculture and Food Systems* 22(2): 118-124.

Glenna, Leland, Margaret Gollnick, and Stephen Jones. 2007. "Eugenic Opportunity Structures: Teaching Genetic Engineering at US Land-Grant Universities Since 1911." *Social Studies of Science* 37(2): 281-296.

Glenna, Leland L., William B. Lacy, Rick Welsh, and Dina Biscotti. 2007. "University Administrators, Agricultural Biotechnology, and Academic Capitalism: Defining the Public Good to Promote University-Industry Relationships." *The Sociological Quarterly* 48(1): 141-164.

Welsh, Rick and Leland Glenna. 2006. "Considering the Role of the University in Conducting Research on Agri-biotechnologies." *Social Studies of Science* 36(6): 929-942.

Lacy, William B. and Leland Glenna. 2005/2006. "Democratizing Science in an Era of Expert and Private Knowledge." *International Journal of Technology, Knowledge, and Society* 1(3): 37-46.
www.technology-journal.com

Glenna, Leland. 2003. "Farm Crisis or Agricultural System Crisis: Defining National Problems in a Global Economy." *International Journal of Sociology of Agriculture and Food* 11(1):15-30.

Glenna, Leland. 2002. "Operationalizing Evil: Christian Realism, Liberal Economics, and Industrial Agriculture." *Agriculture and Human Values* 19(3): 205-216.

Glenna, Leland. 2002. "Liberal Economics and the Institutionalization of Sin: Christian and Stoic Vestiges in Economic Rationality." *Worldviews: Environment, Culture, Religion* 6: 31-57.

Glenna, Leland. 1999. "Systemic Constraints to Ecological Well-being: The Case of the 1985 Food Security Act." *Rural Sociology* 64(1): 131-155.

Glenna, Leland. 1999. "The Relative-Autonomy State Theory and Emancipatory Strategies." *Rural Sociology* 64(1): 162-169.

Glenna, Leland. 1996. "Rationality, Habitus, and Agricultural Landscapes: Ethnographic Case Studies in Landscape Sociology." *Agriculture and Human Values* 13(4): 21-38.

Books, Book Chapters, and Non-refereed Publications

Brasier, K., L. Davis, L. Glenna, T. Kelsey, D. McLaughlin, K. Schafft, K. Babbie, C. Biddle, A. Delessio-Parson, D. Rhubart, and M. Suchyta. 2015. "Communities under the Boom of Shale Gas Development." Pp. 149-178 in W. E. Hefley and Y. Wang (eds.), *Economics of Unconventional Shale Gas Development - Case Studies and Impacts*. Geneva, Switzerland: Springer.

Glenna, Leland, Barbara Brandl, and Kristal Jones. 2015. "International Political Economy of Agricultural Research and Development." Pp. 322-343 in Alessandro Bonanno and Lawrence Busch (Eds.) *Handbook of International Political Economy of Agriculture and Food*. Northampton, MA: Edward Elgar Publishing Limited.

Glenna, Leland and Kristal Jones. 2014. "Genetically Engineered Crops and Rural Society." Pp. 93-106 in A. Richoch, S. Chopra and S. Fleischer (Eds.), *Plant Biotechnology: Experience and Future Prospects*. Cham, Switzerland: Springer International Publishing.

Brasier, K., L. Davis, L. Glenna, T. Kelsey, D. McLaughlin, K. Schafft, K. Babbie, C. Biddle, A. Delessio-Parson, and D. Rhubart. 2014. *The Marcellus Shale Impacts Study: Chronicling Social and Economic Change in North Central Pennsylvania*. Final Report to the Center for Rural Pennsylvania.

Brasier, K., L. Davis, L. Glenna, T. Kelsey, D. McLaughlin, K. Schafft, K. Babbie, C. Biddle, A. Delessio-Parson, and D. Rhubart. 2014. *The Marcellus Shale Impacts Study: Chronicling Social and Economic Change in Southwest Pennsylvania*. Final Report to the Center for Rural Pennsylvania.

Evangelical Lutheran Church in America Task Force on Genetics. 2010. *Draft Social Statement on Genetics* Chicago: Evangelical Lutheran Church in America.

Evangelical Lutheran Church in America Task Force on Genetics. 2008. *Genetics and Faith: Power, Choice, and Responsibility* Chicago: Evangelical Lutheran Church in America.

Glenna, Leland and Robert Gronski. 2008. "Neoliberal Economics." Volume 2, pp. 675-682 in Gary A. Goreham (Ed.) *Encyclopedia of Rural America: The Land and People* Millerton, NY: Grey House Publishing.

Glenna, Leland. 2004. "Religion." In *Challenges for Rural America in the 21st Century* Ed. by David L. Brown and Louis Swanson. University Park, PA: The Pennsylvania State University Press. Pp. 262-272.

Glenna, Leland. 2004. "Commercial Science and World Hunger: Issues of Social Justice Concerning Genetically Modified Organisms." *Journal of Lutheran Ethics*. April 4(4).

Pfeffer, Max J., J. Mayone Stycos, Leland Glenna and Joyce Altobelli. 2001. "Forging New Connections Between Agriculture and the City." In Otto Solbrig, Rob Paarlberg and Francesco DiCastri (eds.), *Globalization and the Rural Environment*. Cambridge: Harvard University Press.

Stycos, J. Mayone, Leland Glenna, and Max J. Pfeffer. 1998. "Watershed Views: A Public Opinion Survey on the New York City Watershed. Report 7." February. Cornell University.

Glenna, Leland. 1998. "A Response to the Vision Statement for a New Farming Ethic." *Earth Ethics* 9(3&4): 6.

Book Reviews

Glenna, Leland. 2015. "Review of Corporate Crops: Biotechnology, Agriculture, and the Struggle for Control." By Gabriela Pechlaner. *Contemporary Sociology* 43(4): 568-570.

Glenna, Leland. 2010. "Review of Ly de Angeles, Emma Restall Orr, and Thom van Dooren, eds., *Pagan Visions for a Sustainable Future*." *The Pomegranate* 12(1): 114-117

Glenna, Leland. 2007. "Review of Jack R. Kloppenburg, Jr., *First the Seed: The Political Economy of Plant Biotechnology* (2nd Ed.)." *Agriculture and Human Values*.24(2): 269-270.

Glenna, Leland. 2006. Review of T.J. Centner, *Empty Pastures: Confined Animals and the Transformation of the Rural Landscape*. *Journal of Rural Studies* 22(2006): 246-247.

Glenna, Leland. 2003. Review of *Economics as Religion: From Samuelson to Chicago and Beyond* by Robert H. Nelson. *Worldviews: Environment, Culture, Religion*. 7(1/2): 221-222.

Glenna, Leland. 2002. Review of *The Eclipse of Morality: Science, State, and Market* by Lawrence Busch. *Journal of Peasant Studies* 18(1): 105-106.

Glenna, Leland. 2001. Review of *Farm: A Year in the Life of an American Farmer* by Richard Rhodes and *Changing the Way America Farms: Knowledge and Community in the Sustainable Agriculture Movement* by Neva Hassanein. *Rural Sociology* 66(4): 638-642.

Glenna, Leland. 1996. Review of *The Yahwist's Landscape* by Theodore J. Hiebert. *Agriculture and Human Values* 14(2): 194-196.

Grants Received

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| 2015-2016 | \$30,000 from the USDA to study farm-level impacts of natural gas drilling |
| 2014-2018 | \$194,897 from AfricaRice to study rice production in West Africa |
| 2014-2015 | \$27,993 from the USDA to study farm-level impacts of natural gas drilling |
| 2014-2015 | \$100,000 from the Pennsylvania Center for Rural Pennsylvania to study social and economic impacts of Marcellus Shale development |
| 2012-2016 | \$500,000 from USDA to study the social impacts of automated specialty crop pruning devices |
| 2012-2014 | \$85,000 from USAID to study sweetpotato value chain in Ghana |
| 2012-2013 | \$100,000 from the Pennsylvania Center for Rural Pennsylvania to study social and economic impacts of Marcellus Shale development |
| 2011-2014 | \$74,202 McKnight Foundation/ICRISAT funding to examine effects of participatory plant breeding projects |
| 2011-2013 | \$75,000 Penn State Alliance for Education, Science, Engineering and Development in Africa to develop a service learning program in Kenya |

- 2010 \$19,000 seed grant to study effects of Marcellus Shale gas development on Pennsylvania school districts
- 2008 \$15,000 seed grant from the Penn State University College of Agricultural Sciences to study rice farming in northern Ghana
- 2006 \$1500 from the Pennsylvania State University Office of International Programs for a Student Group Travel Grant to support a study abroad trip to Belize.
- 2001-2005 \$2.1 million from USDA. Part of a team of researchers to study Public Goods and University-Industry Relationships in Agricultural Biotechnology. (Administered through Portland State University)
- 2003-2005 \$200,000 from US State Department. Part of a team of Cornell University and Rouse University researchers that secured to develop a Regional Economic Development Curriculum at Rouse University in Rouse, Bulgaria (Administered through Cornell University)
- 1997 \$1500 from Aid Association for Lutherans to host a biotechnology and ethics panel at Cornell University.

Teaching and Advising

- “Classical Theory for Rural Sociology” Fall 2009, Fall 2011, Fall 2013 Graduate (Penn State)
- “Contemporary Social Theory” Spring 2008, Fall 2010, Fall 2012, Fall 2014 Graduate (Penn State)
- “Power, Conflict, and Community Decision Making” Spring 2015 Undergraduate (Penn State)
- “Society and Natural Resources” Spring 2006-2012 Undergraduate (Penn State)
- “Agricultural Science and Technology Studies” Fall 2006 Graduate (Penn State)
- “Agriculture, Community, and Environment” Spring 2005, Undergraduate (Washington State)
- “Foundations of Environmental Sociology” Fall 2000, Graduate (Cornell)
- “Genomics and Society” Fall 2001, Undergraduate (Cornell)
- “Environment and Society” Springs 1998-2002, Undergraduate (Cornell)
- “Sociology of Sustainable Development” Falls 2000-2001, Undergraduate (Cornell)

I served as faculty advisor for four senior theses and four independent studies, as an interviewer for the Health Careers Evaluation Committee (preparing students for the medical school application process), and for one year as a Faculty Fellow. While at the University of Missouri, I was a teaching assistant for a course on the Amish and introductory rural sociology.

Professional Membership and Service

- Advisory Board Member of the Science, Medicine, and Technology in Culture Initiative of the Penn State STS Program.
- Rural Sociological Society
- Agriculture, Food, and Human Values Society
- American Sociological Association
- Rural Sociological Society (Co-Chair Sociology of Agriculture Interest Group 2000-2001), current RSS Council Member
- Manuscript Reviewer for numerous Journals

Guest Lectures, Invited Papers, and Conference Presentations

Glenna, Leland, Yetkin Borlu, Anouk Patell-Campillo, and Tyler Augst. "Social and Economic Dimensions of Automated Pruning in Apple and Wine-Grape Production." Indiana Horticultural Congress, Indianapolis, IN, 21 January 2016.

Glenna, Leland. "Socio-Technical Change in Agri-Food Systems: A Research Agenda." Newcastle University, Newcastle, UK, 16 December 2015.

Glenna, Leland. "Relevance of Research Agenda to Socio-Technical Change in Agri-Food Systems." Newcastle University, Newcastle, UK, 15 December 2015.

Glenna, Leland, Yetkin Borlu, Anouk Patell-Campillo, and Tyler Augst. "Apple and Wine-grap Growers' Perspectives on Automated Pruning." Paper presented at the Annual Meeting of the Rural Sociological Society, Madison, WI, 6-9 August 2015.

Glenna, Leland. Author Meets Critic on Jess Gilbert's *Planning Democracy Agrarian Intellectuals and the Intended New Deal*. Panelist. Annual Meeting of the Rural Sociological Society, Madison, WI, 6-9 August 2015.

Leland Glenna, Yetkin Borlu, Tom Gill, Janelle Larson, Vincent Ricciardi, Rahma Adam. "Sweet Potato Production, and Distance to Trade Centers in Northern Ghana." Paper presented at the Annual Meeting of the Agriculture, Food, and Human Values Society, Pittsburgh, PA, 24-28 June 2015.

Glenna, Leland and Ross Pifer. "GMOs and Intellectual Property: Impacts of GMOs on Researchers, Farmers, and Companies." Penn State Agricultural Council Research Tour 2014. 25 September 2014. Russell E. Larson Agricultural Research Farm, Pennsylvania Furnace, PA.

Glenna, Leland and Barbara Brandl. "New Public Goods Theory and Good and Agricultural Science and Innovation in Germany and the United States." Paper presented at the Annual Meeting of the Rural Sociological Society, New Orleans, LA, 31 July- 3 August 2014.

Glenna, Leland, Sally Shortall, and Barbara Brandl. "The University, Public Goods, and Food & Agricultural Innovation." Invited paper presented at the Institut für Soziologie at the Ludwig-Maximilians-Universität, München, Germany. 5 June 2014.

Glenna, Leland, John Tooker, Rick Welsh, and David Ervin. "Intellectual Property and Agricultural Innovation: The Case of Genetically Engineered Crops." Paper presented at the Annual Meeting of the Social Science History Association, Chicago, IL, 18-21 November 2013.

Glenna, Leland, John Tooker, Rick Welsh, and David Ervin. "Intellectual Property and Agricultural Innovation: The Case of Genetically Engineered Crops." Paper presented at the Annual Meeting of the Rural Sociological Society, New York, NY, 6-9 August 2013.

Glenna, Leland and Shoshana Inwood. "The Revitalization of Rural Sociology in Undergraduate Education." Panel participation at the Annual Meeting of the Rural Sociological Society, New York, NY, 6-9 August 2013.

Glenna, Leland L. "Social and Economic Effects of Marcellus Shale Gas Development on Pennsylvania Schools and Communities." Environmental Studies and Sustainability Program Lecture, Colgate University, Hamilton, NY, 19 April 2013.

Schafft, Kai Arthur, Leland L. Glenna, and Yetkin Borlu. "Marcellus Shale Natural Gas Development: Perception of Risk and Opportunity amongst School Administrators in Pennsylvania." Paper presented at the Annual Meeting of the Rural Sociological Society, Chicago, IL, 26-29 July 2012.

Glenna, Leland L. and Curtis Stofferahn. "Status Strain in Farmer Opposition to the ELCA's Genetics and Faith Statement." Paper presented at the Annual Meeting of the Rural Sociological Society, Chicago, IL, 26-29 July 2012.

Glenna, Leland. "University Agricultural Biotechnology Research in an Era of Commercial Science." Invited presentation at the IGERT Symposium "Re-examining U.S. GMO Governance: Continuing Tensions & Contemporary Conflicts." University of Minnesota, St. Paul, MN. 27 April 2012.

Glenna, Leland. "Should Seeds be Patented?" Paterno Fellows Forum. The Pennsylvania State University, University Park, PA. 30 August 2011.

Glenna, Leland, William Lacy, Rick Welsh, and Dina Biscotti. "Institutional Norms, Scientists' Values, and Intellectual Property in the Context of Agricultural Biotechnology Research." Paper presented at the Annual Meeting of the Rural Sociological Society, Boise, ID. 28-31 July 2011.

Glenna, Leland L. and Curtis Stofferahn. "When 'Farming and Faith Collide': Factors Shaping a Controversy over the ELCA's Genetics and Faith Statement." Paper presented at the Annual Meeting of the Rural Sociological Society, Boise, ID, 28-31 July 2011.

Hirschl, Thomas, James G. Booth, Leland Glenna, and Brandn Green. "An Empirical Test of Individualist vs. Social Models." Paper presented at the Annual Meeting of the Rural Sociological Society, Boise, ID, 28-31 July 2011.

Glenna, Leland. "Obstacles to Achieving Food Security: The Case of Rice Farmers in Northern Ghana." Plenary Speaker for the Thiel College 13th Annual Earth Celebration "Justice, Just Us and the Earth." Greenville, PA. 12 April 2011.

Kai Schafft, Leland Glenna, James Ladlee, and Jeannette Carter. "Marcellus Shale Opportunities and Challenges: What Schools Are Saying." Research presented at 2010 ShaleNET Workforce Forum. Altoona, Pennsylvania. 11 October 2010.

Kai Schafft, Leland Glenna, James Ladlee, and Jeannette Carter. "Assessing School Responses to Changing Workforce and Community Conditions in Rural Pennsylvania in the Context of Marcellus Shale Development." Research proposal presented at 2010 Marcellus Summit: Building a Sustainable Future. State College, Pennsylvania. 11 October 2010.

Leland Glenna, Rick Welsh, William Lacy, and Dina Biscotti. "Effects of University-Industry Research Collaborations on participating Organizations and Scientists." Paper presented at the Annual Meeting of the Rural Sociological Society, Atlanta, GA. 12-15 August 2010.

John Eshleman, John, Kathryn J. Brasier, and Leland L. Glenna. "Knowledge Co-Production, Farming Networks, and 'The Cutting Edge': A Comparison of Three Agricultural Field Day Models." Paper presented at the Annual Meeting of the Rural Sociological Society, Atlanta, GA. 12-15 August 2010.

Leland Glenna, William Lacy, Rick Welsh, and Dina Biscotti. "Agricultural Biotechnology, Biopolitics, and the Re-disciplining of University Scientists." Annual Meeting of the Agriculture, Food, and Human Values Society, Bloomington, Indiana, 2-5 June 2010.

William B. Lacy, Leland Glenna, Dina Biscotti, and Rick Welsh. "Agricultural biotechnology, socioeconomic effects, and the fourth criterion." Annual Meeting of the Agriculture, Food, and Human Values Society, Bloomington, Indiana, 2-5 June 2010.

Rick Welsh, Leland Glenna, William Lacy, and Dina Biscotti. "Scientists' and Administrators' Perspectives on University Research Environment and the Criteria for Research Problem Choice." Paper presented at the Annual Meeting of the Society for Social Studies of Science, Washington, DC. 28-31 October 2009.

William B. Lacy, Leland Glenna, Dina Biscotti, and Rick Welsh. "Agricultural biotechnology, socioeconomic effects, and the fourth criterion." Annual Meeting of the Agriculture, Food, and Human Values Society, State College, PA. 28-31 May 2009.

Ruth M. Mendum and Leland Glenna. "The rightful place of agricultural science." Annual Meeting of the Agriculture, Food, and Human Values Society, State College, PA. 28-31 May 2009.

David Ader and Leland Glenna. "The efficacy of a program promoting rice self-sufficiency in Ghana." Annual Meeting of the Agriculture, Food, and Human Values Society, State College, PA. 28-31 May 2009.

Jessica Bagdonis, Leland Glenna, Frank Higdon and Esther Prins. "Local agriculture in Belize: Challenges and opportunities in the Placencia Peninsula." Annual Meeting of the Agriculture, Food, and Human Values Society, State College, PA. 28-31 May 2009.

Ruth Mendum and Leland Glenna. "Social Relations of Plant Breeding in an Era of Climate Change." Paper presented at the Annual Meeting of the Rural Sociological Society, Madison, WI. 30 July-2 August 2009.

C. Clare Hinrichs, Dara Bloom, and Leland Glenna. "Discourse and Strategy Regarding Biotechnologies in Developing Sustainable Biofuel Standards." Paper presented at the Annual Meeting of the Rural Sociological Society, Madison, WI. 30 July-2 August 2009.

Leland Glenna, Wenda Bauchspies, David Ader, Abou Traore, and Rita Afiavi Agboh-Noameshie. "Impacts of Agricultural Technologies on Food Security and Economic Prosperity for Farm Households in Guinea and Ghana." Paper presented at the Annual Meeting of the Rural Sociological Society, Madison, WI. 30 July-2 August 2009.

Rick Welsh, Leland Glenna, William Lacy, and Dina Biscotti, "Choice of Research Priorities by Public and Private Sector" Paper presented at the European Association for the Study of Science and Technology meetings, Rotterdam, The Netherlands. 21 August 2008,

Dina Biscotti, William B. Lacy, Leland Glenna, and Rick Welsh "The "Independent Investigator": Resource Dependence Dilemmas in University-Industry Agricultural Biotechnology Research Collaborations" Paper presented at the American Sociological Society meetings, Boston, Massachusetts. 3 August 2008.

Leland Glenna, Raymond Jussaume, and Julie Dawson, "How Farmers Matter in Technology Development: Social Characteristics of Wheat Growers and Wheat Varieties" Paper presented at the Rural Sociological Society meetings, Manchester, New Hampshire. 31 July 2008.

Rick Welsh, Leland Glenna, William B. Lacy, and Dina Biscotti, "Measuring Agricultural Science Orientations" Paper presented at the Rural Sociological Society meetings, Manchester, New Hampshire. 31 July 2008.

William B. Lacy, Leland Glenna, Rick Welsh, and Dina Biscotti. "University and Industry Cultures of Science in Agricultural Biotechnology: Conflictual, Complementary or Convergent" Paper presented at the Rural Sociological Society meetings, Manchester, New Hampshire. 31 July 2008.

Leland Glenna. "Defining the public good in the post-neoliberal period" Paper presented at the Rural Sociological Society meetings, Manchester, New Hampshire. 28 July 2008

Daniel Cahoy and Leland Glenna. "Patent Ownership and Consolidation in Essential Biofuel Technology." Paper presented at the Summer Institute in Intellectual Property, Biotechnology and Agricultural Sciences, Intellectual Property Law Center, Drake University, May 19-20, 2008.

Daniel Cahoy and Leland Glenna. "Forecasting Alternative Energy Patent Environments in View of Private Ordering Trends." Paper presented at the Annual Meeting of the Academy of Legal Studies in Long Beach, CA, August 12-16, 2008.

Leland Glenna and Daniel Cahoy. "Concentration and Intellectual Property: Implications for the Biofuel Economy." Paper presented at The Missouri School of Agrifood Studies: Understanding Corporate Concentration in Agriculture. Columbia, Missouri. 18 April 2008.

Leland L. Glenna. Guest Lecturer for Clare Hinrichs's RSOC 597c: Qualitative Research Methods. November 6, 2007.

Leland L. Glenna and Georgi Mitev. "Globalization, Ecological Modernization, and a Swine CAFO in Rural Bulgaria." Paper presented at the bi-annual meeting of the European Society for Rural Sociology, Wageningen, the Netherlands. 23 August 2007.

Leland Glenna. "From Renewable to Alternative: Waste Coal and the Pennsylvania Alternative Energy Portfolio Standard" Science, Technology and Society Brown Bag Seminar. Wednesday, 3 October 2007. University Park, PA.

Leland L. Glenna, Rick Welsh, William B. Lacy and Dina Biscotti. "Academic Capitalism and Re-Disciplining University Science: Scientists' Values, Intellectual Property, and Agricultural Biotechnology." Paper presented at the annual meeting of the Rural Sociological Society, Santa Clara, CA. 3 August 2007.

Robert Thomas and Leland Glenna. "From Renewable to Alternative Energy: The Case of Pennsylvania's Energy Portfolio Standard." Paper presented at the annual meeting of the Rural Sociological Society, Santa Clara, CA. 4 August 2007.

Raymond Jussaume and Leland Glenna. "Understanding Diversity amongst United States Agricultural Producers: An Example Drawn from Wheat Growers in Washington State." Paper presented at the annual meeting of the Rural Sociological Society, Santa Clara, CA. 3 August 2007.

Leland Glenna and Raymond Jussaume. "Can wheat growers be characterized according to their association with wheat varieties?" Presented at the annual meeting of the Agriculture, Food, and Human Values Society. Victoria, Canada, May 30-June 3 2007.

Leland Glenna. "Globalization, Agriculture, and Food Labels." Guest Lecture delivered to the State College High School Delta Program on Sustainable Agriculture. State College, PA. 19 April 2007.

Leland Glenna. "The Social Relations of Wheat: Distinguishing Characteristics of Wheat Growers and Wheat Varieties." Agricultural Economics and Rural Sociology Departmental Seminar. The Pennsylvania State University. University Park, PA. 13 April 2007.

Leland Glenna. "GMOs and World Hunger." In the course "AG 160: Agricultural Ethics and Issues." Professors James Beierlein and Felix L. Lukezic. The Pennsylvania State University. University Park. 23 March 2007.

Leland Glenna. "Mixed Methods Used to Study University-Industry Relationships in Agricultural Biotechnology Research." In the course "EDLDR 585: Research Design." Professor Kai Schafft, The Pennsylvania State University. University Park. 20 March 2007.

Leland Glenna and Thomas Hirschl. "Polanyi Goes to Church: The Confluence of Christian and Market Fundamentalism on U.S. Presidential Elections." Paper presented at the annual meeting of the American Sociological Association, Montreal, Canada, 8 August 2006.

Welsh, Rick and Leland L. Glenna, W.B. Lacy and D. Biscotti. "Science, Agri-biotechnology, and Economy." Paper presented at the annual meeting of the American Sociological Association, Montreal, Canada, 8 August 2006.

Leland L. Glenna. "Food Security, Gender, and African Rice Farming: Conceptual Framework for a Social Impact Assessment Working Group." Invited paper presentation, Africa Rice Institute (WARDA), Cotonou, Benin, 18 July 2006.

Leland Glenna, Rick Welsh, William Lacy, and Dina Biscotti. "University and Industry Perceptions of University-Industry Relationships Related to Agricultural Biotechnology Research." Paper presented at the 10th International Consortium on Agricultural Biotechnology Research, Ravello, Italy, 29 June 2006.

Leland Glenna and Robert Gronski. "The World Trade Organization and New Opportunities for U.S. Agricultural Policy." Presented at the annual meeting of the Agriculture, Food, and Human Values Society, Boston, 7 June 2006.

Dave Ervin, Leland Glenna, and Rick Welsh. "Agricultural Biotechnology Research: The Roles of University-Industry Relationships in Supplying Public Goods and Private Products." Three papers presented to the USDA Economists Group, Washington, DC, 2 May 2006.

William Lacy, Leland Glenna, Rick Welsh, and Dina Biscotti. "University-Industry Relationships in Agricultural Biotechnology: Key Findings from University and Industry Case Studies." Three papers presented at the conference on Agricultural Biotechnology Research for Public and Private Goods: Roles of University-Industry Relationships, Washington, DC, 1 May 2006.

Leland Glenna, Rick Welsh, William Lacy, and Dina Biscotti. "University and Industry Perceptions of University-Industry Relationships Related to Agricultural Biotechnology Research." Paper presented at the NC-1003 Symposium "Funding Agricultural Research: Evolving Institutional Frameworks." Jekyll Island, Georgia. 24 March 2006.

Leland Glenna and Thomas Hirschl. "Polanyi Goes to Church: The Confluence of Christian and Market Fundamentalisms on U.S. Presidential Elections." Paper presented at The Pennsylvania State University Sociology Department seminar, 1 March 2006.

Rick Welsh, Leland Glenna, William Lacy and Dina Biscotti. "Academic capitalism in agricultural biotechnology: results of case studies of six U.S. land-grant universities." Paper presented at the Conference on Economic Sociology and Technology, Ithaca, NY, 23 September 2005.

William B. Lacy, Leland Glenna, Rick Welsh and Dina Biscotti. "The two cultures of science: university/industry research environments in agricultural biotechnology." Paper presented at the fourth global conference of the Global Consortium of Higher Education and Research for Agriculture, Hangzhou, China. September 2005.

Dina Biscotti, William B. Lacy, Leland Glenna and Rick Welsh. "Institutional boundaries and interorganizational collaboration in the field of agricultural biotechnology." Paper presented at the annual meeting of the American Sociological Association, Philadelphia. 16 August 2005.

Leland Glenna, Rick Welsh, William Lacy, and Dina Biscotti. "University Agricultural Biotechnology Research in the Context of Academic Capitalism." Paper presented at the annual meeting of the American Sociological Association, Philadelphia. 15 August 2005.

Leland Glenna. "Constructing a Just Farm Bill." Paper presented at the annual meeting of the Rural Sociological Society, Tampa, FL. 10 August 2005.

William B. Lacy, Leland Glenna, Rick Welsh, and Dina Biscotti. "The two cultures of science: university/industry research environments in agricultural biotechnology." Paper presented at the annual meeting of the Rural Sociological Society, Tampa, FL. 10 August 2005.

Dina Biscotti, William B. Lacy, Leland Glenna, and Rick Welsh. "Systems of exchange in U.S. university-industry agricultural biotechnology research collaborations." Poster presented at the ninth international conference of the Consortium on Agricultural Biotechnology Research, Ravello, Italy. July 2005.

Leland Glenna and Ray Jussaume. "Differences Among Conventional and Organic Farmers Who are Willing to Plant GM Crops." Paper presented at the annual meeting of the Agriculture Food and Human Values Society, Portland, OR. 10 June 2005.

Dina Biscotti, William Lacy, Leland Glenna, and Rick Welsh. "Agricultural biotechnology and the land grant university research mission." Paper presented at the annual meeting of the Agriculture Food and Human Values Society, Portland, OR. 10 June 2005.

Leland Glenna. "Agricultural Biotechnology, University Research, and Academic Capitalism: Some Preliminary Results." Invited paper presented at the Washington State University All-Extension Conference. 3 March 2005.

Lacy, William B. and Leland Glenna. "Democratizing Science in an Era of Expert and Private Knowledge." Paper presented at the International Conference on Technology, Knowledge, and Society. University of California, Berkeley. 19 February 2005.

Leland Glenna. "University Agricultural Biotechnology Research and Commercialized Science." Invited paper presented at the Washington State University Crops Seminar Series. 14 February 2005.

Leland Glenna. "Globalization, Ecological Modernization, and CAFOs." Delivered to Professor Georgi Mitev's class at Rouse University, Rouse, Bulgaria. 19 May 2005.

Leland Glenna. "Globalization and Sustainable Agriculture." Delivered to Professor Nikolay Naydenov's class at Rouse University, Rouse, Bulgaria. 19 May 2005.

Leland Glenna. "Academic Capitalism and Agricultural Biotechnology." In the course "Critical Issues in Higher Education," Professor Esther Prins, at Washington State University. 2 March 2005.

Leland Glenna, Rick Welsh, William Lacy and Dina Biscotti. "University Agricultural Biotechnology Research in the Global Context of Commercialized Science." Invited paper presented at the "Centro de Capacitacion y Desarrollo en Tecnologia de Semillas" conference at the Universidad Autonoma Agraria Antonio Narro. 18 November 2004.

Rick Welsh and Leland Glenna. "Considering the Role of the University in Conducting Research on Agricultural Biotechnologies." Paper presented at the annual meeting of the American Sociological Association, San Francisco. 16 August 2004

Leland Glenna, William Lacy, Rick Welsh, and Dina Biscotti. "Agricultural Biotechnology in Institutional Context." Paper presented at the annual meeting of the Rural Sociological Society, Sacramento, CA. 12 August 2004

Dina Biscotti, Leland Glenna, William Lacy, and Rick Welsh. "Institutional and Ideological Regulation of University-Industry Agricultural Biotechnology Research Collaborations." Paper presented at the annual meeting of the Rural Sociological Society, Sacramento, CA. 12 August 2004

Leland Glenna. "Regional Economic Growth and Research Universities." In the course "Regional Economic Development." Professor Martin Kenney. University of California at Davis. 24 February 2004.

Leland Glenna. "Redeeming Labor: Virtue, Vocation, and the Public Good." Paper presented as part of Organized Symposium "The Dark Side of Social Capital and the Ethics of Economic Rationality" at the annual meeting of the American Agricultural Economics Association, Denver. 2 August 2004.

Leland Glenna. "Commercial Science and World Hunger: Issues of Social Justice Concerning Genetically Modified Organisms." Paper presented at the Annual Gathering of Lutheran Ethicists, Chicago. 8 January 2004.

Rick Welsh, Leland Glenna, William Lacy, and Dina Biscotti. "Factors Influencing University Scientists' Opinions of University-Industry Relationships in Agricultural Biotechnology." Paper

presented at the annual meeting of the American Sociological Association, Atlanta, GA. 18 August 2003.

Leland Glenna. "Operationalizing Evil." Paper presented at Organized Symposium on "Evil in Public Policy" at the annual meeting of the American Agricultural Economics Association, Montreal, Canada. 28 July 2003.

Leland Glenna, William Lacy, Rick Welsh, and Dina Biscotti. "The Two Cultures of Science: University/Industry Research Environments, Criteria for Problem Choice and Perceived Impact." Paper presented at the annual meeting of the Rural Sociological Society, Montreal, Canada. 29 July 2003.

Leland Glenna, William Lacy, Rick Welsh, and Dina Biscotti. "The Land-Grant University and Marketable Science." Paper presented at the annual meeting of the Agriculture, Food, and Human Values Society, Austin, Texas. 13 June 2003.

Leland Glenna. "Redeeming Labor: Rescuing the Protestant Work Ethic from the Spirit of Capitalism." Paper presented at the annual meeting of the Agriculture, Food, and Human Values Society, Austin, Texas. 14 June 2003.

Leland Glenna. "The Commercialized University, Genetic Engineering, and the Threat to Organized Skepticism." Paper presented at the annual meeting of the Rural Sociological Society, Chicago, IL. 15 August 2002.

Leland Glenna. "Bias in Social and Natural Science Research." In the course "Sociological Methods." Instructor Aimee Schreck. October 2002.

Leland Glenna. "Farm Crisis or Agricultural System Crisis: The Farm in the Industrial Agricultural System." Paper presented at the annual meeting of the Rural Sociological Society, Albuquerque, NM. 18 August 2001.

Leland Glenna. "Liberal Economics and the Institutionalization of Sin: Christian and Stoic Vestiges in Economic Rationalism." Paper presented at the International Institute of Sociology, 35th Congress, Jagiellonian University, Krakow, Poland. 13 July 2001.

Leland Glenna. "Operationalizing Evil: Christian Realism, Liberal Economics, and Industrial Agriculture." Paper presented at the annual meeting of the Agriculture, Food, and Human Values Society, Minneapolis, MN. 10 June 2001.

Leland Glenna. "Organized Skepticism and Scientific Miracles: Questions about Agricultural Biotechnology Effects on Local Food Systems." Paper presented at Informing the Dialogue About Agricultural Biotechnology, Cornell University, Ithaca, NY. 15 November 2000.

Leland Glenna. "Conjoint Constitution of Watershed Systems." Paper presented at the Annual Meeting of the Rural Sociological Society, Washington, DC. 16 August 2000.

Leland Glenna. "Prospects for a New York City Food and Water Security Zone." Paper presented at the Annual Meeting of the Agriculture, Food, and Human Values Society, New York, NY. 2 June 2000.

Leland Glenna. "Classical Liberal Economics and the Institutionalization of Sin." Paper presented at the annual regional meeting of the American Academy of Religion, Syracuse, NY. 8 April 2000.

Leland Glenna. "Environmental Mediation and Attitudinal Change: The Case of the New York City Watershed." Paper presented at the annual meeting of the Agriculture, Food, and Human Values Society, Toronto, Canada. 4 June 1999.

Leland Glenna. "Integrating Rural Development, Environmental Planning, and Civic Participation: The Case of the New York City Watershed." Paper presented at the International Symposium on Society & Resource Management. Brisbane, Australia. 8 July 1999.

Leland Glenna. "Cultural Praxis and the Form and Content of Environmental Knowledge." Paper presented at the annual meeting of the American Sociological Association, Chicago, Illinois. 9 August 1999.

Leland Glenna. "Producer-Consumer Linkages in the New York City Watershed." Paper presented at the annual meeting of the Rural Sociological Society, Chicago, IL. 6 August 1999.

Leland Glenna. "Systemic Constraints to Ecological Well-being: The Case of the 1985 Food Security Act." Paper presented at the Seventh International Symposium on Society and Resource Management, Columbia, MO. 28 May 1998.

Leland Glenna. "Cultural Explanations for a Conflict over Water and Land Use." Paper presented at the Seventh International Symposium on Society and Resource Management, Columbia, MO. 29 May 1998.

Leland Glenna. "The Jeffersonian Ideal vs. The Administrative State: The New York City Watershed in Historical Context." Paper presented at the annual meeting of the Agriculture, Food, and Human Values Society, San Francisco. 5 June 1998.

Leland Glenna. "Cultural Praxis, Material Interests, and Environmental Knowledge: Implications for the Resolution of a Watershed Conflict." Paper presented at the annual meeting of the Rural Sociological Society, Portland, OR. 8 August 1998.

Languages other than English

Basic Spanish

Passed Harvard Language Examinations: German and Ancient Greek
Studied Biblical Hebrew

University Service

Cornell University's Health Career Evaluations Committee Interviewer, 2000-2002
University of Missouri's Rural Sociology Admissions Committee, 1994-1996

Other Work Experiences

Pastoral Assistant in Ministry, St. Luke Lutheran Church, 1997-1998
Ithaca, New York
Pastor: Rev. Rick Bair

Pastoral Intern, Trinity Lutheran Church, 1992-93
Sleepy Eye, Minnesota
Pastor: Rev. Ronald Freimark

Vicar for Students, University Lutheran Church, 1991-92
Cambridge, Massachusetts
Pastors: Rev. Dr. H. Frederick Reisz, Jr. and Rev. Susan Thomas

Community Service and Outreach

Board Member, United Campus Ministry, 2007-2011
Board Member, Quail Ridge Wilderness Conservancy Land Trust, 2002-2009
Board Member, Lutheran-Episcopal Campus Ministry at UC Davis, 2002-2004
Worship Committee Chair, University Mennonite Church, 2007-2008
Campus Ministry Chair, St. Luke Lutheran Church, 1999-2001
Chapel Committee Chair, St. Luke Lutheran Church, 2001
Volunteer Fire Fighter, Cayuga Heights Fire Department, 1999-2002
Fire Warden, Cayuga Heights Fire Department, 2000-2002
Cayuga Heights Fire Department Fire Fighter of the Year, 1999

