

PETER FRANCIS ORAZEM

May 2012

PERSONAL INFORMATION

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Department of Economics
Iowa State University
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Birth Date: November 26, 1955
Marital Status: Married to Patricia M. Cotter, two children
Citizenship: United States

EDUCATION

<u>Degree</u>	<u>Institution</u>	<u>Year</u>
Ph.D.	Yale University	1983
M. Phil.	Yale University	1980
M.A.	Yale University	1979
B.A. (distinction)	University of Kansas	1977

DISSERTATION

Title Two Models of School Achievement and Attendance with Application to Segregated Schools (Received a grade of Distinction)

FIELDS OF CONCENTRATION Labor Economics, Applied Econometrics, Human Capital, Agricultural Economics, Markets in Transition Economies

PROFESSIONAL EXPERIENCE

2012	Challenge Paper Writer, Copenhagen Consensus 2012
2010-Present	Ames City Council
2008	Challenge Paper Writer, Copenhagen Consensus 2008
2007-2008	First Vice President, Midwest Economics Association
2005-2007	Core Team, World Development Report 2007
August 2004-2005	Koch Visiting Professor of Business Economics, University of Kansas
2004-Present	Research Fellow, IZA, Bonn, Germany
2003-Present	University Professor, Iowa State University
2002-2004	Co-Director, Institute of Science and Society, Iowa State University
2000-2008t	Director, Industrial Relations Program, Iowa State University
1998-2000	Interim Associate Dean, College of Liberal Arts and Sciences, Iowa State University
1995 - 2003	Professor, Iowa State University
1994 - Present	Consultant, World Bank
1993 - 1994	Visiting Scholar, World Bank
1988 - 1995	Associate Professor, Iowa State University
1988 - 1991	Director of Graduate Studies, Department of Economics, Iowa State University
1982 - 1988	Assistant Professor, Iowa State University

PUBLICATIONS

- Falk, Barry and Peter F. Orazem. "The Money Supply Announcements Puzzle: Comment," *American Economic Review*, June 1985, pp. 562-564.
- Huffman, Wallace and Peter F. Orazem. "An Econometric Model of the Market for New Ph.D.'s in Agricultural Economics in the United States," invited paper *American Journal of Agricultural Economics*, December, 1985, pp. 1207-1214.
- Orazem, Peter F. and J. Peter Mattila. "Occupational Entry and Uncertainty: Males Leaving High School," *The Review of Economics and Statistics*, May 1986, pp. 265-273.
- Orazem, Peter F. and John Miranowski. "An Indirect Test for the Specification of Expectation Regimes," *The Review of Economics and Statistics*, November, 1986, pp. 603-609.
- Orazem, Peter F. "Black-White Differences in Schooling Investment and Human Capital Production in Segregated Schools," *American Economic Review*, September, 1987, pp. 714-723.
- Falk, Barry and Peter F. Orazem. "The Implications of Systematic Fed Errors for Studies of Announcement Effects," *Journal of Money, Credit and Banking*, August 1989, pp. 401-406.
- Orazem, Peter and Barry Falk. "Measuring Market Responses to Error-Ridden Government Announcements," *Quarterly Review of Economics and Business*, Summer 1989, pp. 41-55.
- Orazem, Peter F., Daniel M. Otto and Mark A. Edelman, "An Analysis of Farmers' Agricultural Policy Preferences," *American Journal of Agricultural Economics*, November, 1989, pp. 837-846.
- Greig, Jeffrey J., Peter F. Orazem and J. Peter Mattila. "Measurement Error in Comparable Worth Pay Analysis: Causes, Consequences and Corrections," *Journal of Social Issues*, Winter, 1989, pp.135-151.
- Orazem, Peter F., J. Peter Mattila and Ruoh Chiann Yu. "An Index Number Approach to the Measurement of Wage Differentials by Sex," *Journal of Human Resources*, Winter, 1990, pp. 125-136.
- Orazem, Peter F. and J. Peter Mattila. "The Implementation Process of Comparable Worth: Winners and Losers," *Journal of Political Economy*, February, 1990, pp. 134-152.
- Orazem, Peter F. and J. Peter Mattila. "Human Capital, Uncertain Wage Distributions, and Occupational and Educational Choices," *International Economic Review*, February, 1991, pp.103-122.
- Orazem, Peter F., J. Peter Mattila and Sherry K. Weikum, "Comparable Worth and Factor Point Pay Analysis in State Government," *Industrial Relations*, Winter, 1992, pp. 195-215. Reprinted in Mario F. Bognanno and Morris M. Kleiner eds. *Labor Market Institutions and the Future Role of Unions*. Oxford: Blackwell Publishers, 1992.
- Ward, Patricia A., Peter F. Orazem and Steffen Schmidt, "Women in Elite Pools and Elite Positions," *Social Science Quarterly*, March, 1992, pp.31-45.
- Baur, Robert F. and Peter F. Orazem, "The Rationality and Price Effects of USDA Forecasts of Oranges," *Journal of Finance*, June, 1994, pp.681-695.
- Orazem, Peter F. and John Miranowski. "A Dynamic Model of Acreage Allocation with General and Crop-Specific Soil Capital," *American Journal of Agricultural Economics*, August, 1994, pp.385-395.
- Orazem, Peter F. and Milan Vodopivec, "Winners and Losers in Transition: Returns to Education, Experience, and Gender in Slovenia." *World Bank Economic Review*, May, 1995, pp.201-230. Translated into Slovenian and published in *Gospodarska Gibanja*, No. 252, July-August, 1994, pp. 21-51.

- Bouillon, Marvin L., Benjamin M. Doran and Peter F. Orazem, "Human Capital Investment Effects on Firm Returns," *Journal of Applied Business Research*, Winter 1995-96, Vol. 12(1), pp. 30-41.
- Orazem, Peter F. And Milan Vodopivec. Value of Human Capital in Transition to Market: Evidence from Slovenia. September, 1996. *European Economic Review* 41 (April 1997): 893-904.
- Orazem, Peter F. and Leigh Tesfatsion, "Macrodynamics Implications of Income Transfer Policies for Human Capital Investment and School Effort." *Journal of Economic Growth* 2 (November 1997):305-329.
- Orazem, Peter F. and J. Peter Mattila, "Male-Female Supply to State Government Jobs and Comparable Worth," *Journal of Labor Economics*,16 (January, 1998): 95-121.
- Huang, Tzu-Ling, J. Arne Hallam, Peter F. Orazem and Elizabeth Paterno, "Empirical Tests of Efficiency Wage Models," *Economica* 65 (February 1998):125-143.
- Noorkoiv, Rivo, Peter F. Orazem, Allan Puur, and Milan Vodopivec. "Employment and Wage Dynamics in the Estonia Transition, 1989-1995," *The Economics of Transition* 6 (November 1998): 481-503.
- Orazem, Peter F. "Empirical Isoquants and Observable Optima: Cobb and Douglas at Seventy." *Review of Agricultural Economics* 20 (Fall/Winter 1998):489-501.
- Chen, Shih-Neng, Peter F. Orazem, J. Peter Mattila, and Jeffrey J. Greig, "Measurement Error in Job Evaluation and the Gender Wage Gap." *Economic Inquiry* 37 (April 1999): 181-194.
- Hurley, Terrance, James Kliebenstein and Peter F. Orazem. "Structure of Wages and Benefits in the U.S. Pork Industry." *American Journal of Agricultural Economics* 81 (February 1999):144-163.
- King, Elizabeth M. and Peter F. Orazem. "Evaluating Education Reforms: Four Cases in Developing Countries." *World Bank Economic Review* 13 (September 1999): 409-414.
- Kim, Jooseop, Harold Alderman and Peter F. Orazem. "Can Private School Subsidies Increase Schooling for the Poor: The Quetta Urban Fellowship Program." *World Bank Economic Review* 13 (September 1999):443-466.
- King, Elizabeth M., Peter F. Orazem and Darin Wohlgemuth. "Central Mandates and Local Incentives: The Colombia Education Voucher Program." *World Bank Economic Review* 13 (September 1999):467-492
- Hurley, Terrance, James Kliebenstein and Peter F. Orazem. "An Analysis of Occupational Health in Pork Production." *American Journal of Agricultural Economics*. 82 (May 2000):323-333.
- Orazem, Peter F. and Milan Vodopivec, "Male-Female Differences in Labor Market Outcomes During the Early Transition to Market: The Cases of Estonia and Slovenia." *Journal of Population Economics* 13 (May 2000): 283-303.
- Alderman, Harold, Peter F. Orazem, and Elizabeth M. Paterno. "School Quality, School Cost, and the Public/Private School Choices of Low-Income Households in Pakistan." *Journal of Human Resources* 36 (Spring 2001):304-326.
- So, Kim S., Peter F. Orazem and Daniel M. Otto. "The Effects of Housing Prices, Wages, and Commuting Time on Joint Residential and Job Location Choices." *American Journal of Agricultural Economics* 83 (November 2001):1036-1048.
- Khan, Romana, Peter F. Orazem and Daniel M. Otto. "Deriving Empirical Definitions of Spatial Labor Markets: The Roles of Competing versus Complementary Growth." *Journal of Regional Science*.41 (November 2001):735-756.

- Orazem, Peter F. and J. Peter Mattila. "Minimum Wage Effects on Hours, Employment and Number of Firms: The Iowa Case." *Journal of Labor Research* 23 (Winter 2002): 3-23
- Huang, Tzu-Ling, Peter F. Orazem and Darin Wohlgemuth. "Rural Population Growth, 1950-1990: The Roles of Human Capital, Industry, Structure, and Government Policy." *American Journal of Agricultural Economics* 84 (August 2002): 615-627.
- Chen, Shih-Neng, Jason F. Shogren, Peter F. Orazem, and Thomas D. Crocker. "Prices and Health: Identifying the Effects of Nutrition, Exercise, and Medication Choices on Blood Pressure." *American Journal of Agricultural Economics* 84(November 2002):990-1002.
- Orazem, Peter F., James D. Werbel and James McElroy, "Market Expectations, Job Search, and Gender Differences in Starting Pay." *Journal of Labor Research* 24 (Spring 2003): 307-321.
- Alderman, Harold, Jooseop Kim and Peter F. Orazem. "Design, Evaluation, and Sustainability of Private Schools for the Poor: The Pakistan Urban and Rural Fellowship School Experiments." *Economics of Education Review* 22 (June 2003):265-274.
- Lin, Chun-Hung A. and Peter F. Orazem. "Wage Inequality and Returns to Skill in Taiwan, 1978-96." *The Journal of Development Studies* 39 (June 2003): 89-108.
- Kang, Gi Choon and Peter F. Orazem. "The Relative Importance of Aggregate and Disaggregate Shocks in Korean Business Cycles." *Journal of Asian Economics* 14 (June 2003): 419-434.
- Lin, Chun-Hung A. and Peter F. Orazem. "A Reexamination of the Time Path of Wage Differentials in Taiwan." *Review of Development Economics*. 8 (May, 2004):295-308.
- Orazem, Peter F., Marvin Bouillon and B. Michael Doran. "Long-term Attachments and Long-Run Firm Rates of Return." *Southern Economic Journal* 71 (October 2004):314-333.
- Orazem, Peter F., Milan Vodopivec and Ruth Wu, "Worker Displacement During the Transition: Experience from Slovenia." *Economics of Transition*. 13 (April 2005): 311-340.
- Gallet, Craig A., John A. List and Peter F. Orazem. "Cyclicalities and the Labor Market for Economists." *Southern Economic Journal*. 72 (October 2005):284-304.
- Kwon, Chul-Woo, Peter F. Orazem and Daniel M. Otto, "Off-farm labor supply responses to permanent and transitory farm income." *Agricultural Economics* 34 (January 2006): 59-67.
- Gunnarsson, Victoria, Peter F. Orazem and Mario Sanchez. "Child Labor and School Achievement in Latin America." *World Bank Economic Review* 20 (January 2006):31-54.
- Artz, Georgeanne M. and Peter F. Orazem. "Reexamining Rural Decline: How Changing Rural Classifications Affect Perceived Growth" *The Review of Regional Studies*. 36(2) (Fall 2006): 163-191
- Kuku, Yemisi, Peter F. Orazem and Rajesh Singh. "Computer Adoption and Returns in Transition" *Economics of Transition* 15 (March 2007):33-56.
- Artz, Georgeanne M. Artz, Peter F. Orazem and Daniel M. Otto. "Measuring the Impact of Meat Packing and Processing Facilities in Non-metropolitan Counties: A Difference-in-Differences Approach" *American Journal of Agricultural Economics* 89 (3) (August 2007): 557-570.
- Song, Moohoun, Peter F. Orazem and Darin Wohlgemuth. "Returns to Graduate and Professional Education: The Roles of Mathematical and Verbal Skills by Major." *Economics of Education Review*.27(6) (December 2008): 664-675.

- Russell, Gina, Shiva Sikdar, Mark Imerman and Peter F. Orazem. "Should I stay or should I go?: Nursing License Renewal Decisions in Iowa." *Nursing Economic* 26(6) (November-December, 2008):361-373.
- Gunnarsson, Victoria, Peter F. Orazem, Mario Sanchez and Aimee Verdisco. "Does Local School Control Raise Student Outcomes?: Evidence on the Roles of School Autonomy and Parental Participation," *Economic Development and Cultural Change* 58(1) (October 2009): 25-52.
- Orazem, Peter F. and Milan Vodopivec, "Do Market Pressures Induce Economic Efficiency: The Case of Slovenian Manufacturing, 1994-2001." *Southern Economic Journal*. 76(2) (October 2009):553-576.
- Lee, Chanyoung and Peter F. Orazem. "High School Employment, School Performance, and College Entry." *Economics of Education Review*. 29 (1) (February 2010): 29-39.
- Lee, Chanyoung and Peter F. Orazem. "Lifetime Health Consequences of Child Labor in Brazil." In *Research in Labor Economics, Vol 31: Child Labor and the Transition Between School and Work*, edited by R.K.Q.Akee, E.V. Edmonds and K. Tatsiramos. (2010) :99-133.
- Artz, Georgeanne M., Rebecca Jackson, and Peter F. Orazem. "Is it a Jungle Out There?: Meat Packing, Immigrants and Rural Communities." *Journal of Agricultural and Resource Economics* 35(2) (August 2010) :299-315.
- Yu, Li, Robert Jolly and Peter F. Orazem. 2011. "Why do rural firms live longer?" *American Journal of Agricultural Economics* 93(3): 673-692.
- Xiao, Mo and Peter F. Orazem. 2011. "Does the Fourth Entrant Make Any Difference? Entry and Competition in the Early U.S. Broadband Market." *International Journal of Industrial Organization* 29(5): 547-561.
- Elizabeth M. King, Claudio E. Montenegro and Peter F. Orazem. 2012. "Economic Freedom, Human Rights, and the Returns to Human Capital: An Evaluation of the Schultz Hypothesis." Forthcoming, *Economic Development and Cultural Change*
- Yu, Li, Terrance M. Hurley, James Kliebenstein, and Peter F. Orazem. 2012. "Firm Size, Technical Change And Wages In The Pork Sector, 1990 -2005." Forthcoming, *Journal of Agricultural and Resource Economics*.
- Yu, Li, Terrance M. Hurley, James Kliebenstein, and Peter F. Orazem. 2012. "A Test for Complementarities among Multiple Technologies that Avoids the Curse of Dimensionality." *Economics Letters*.116(3): 354-357.
- Banerjee, Ritwik, Elizabeth M. King, Peter F. Orazem, and Elizabeth M. Paterno. 2012. "Student and Teacher Attendance: The Role of Shared Goods in Reducing Absenteeism", *Economics of Education Review* 31(5):563-574.

BOOK

Orazem, Peter F. Guilherme Sedlacek and Zafiris Tzannatos, *Child Labor and Education in Latin America: an Economic Perspective*, Palgrave-MacMillan, 2009.

The book is composed of 12 chapters plus the introduction. Orazem contributed to the following

Orazem, Peter F. Orazem, Guilherme Sedlacek, and Zafiris Tzannatos. *Child Labor and Education in Latin America*. Introduction.

Gunnarsson, Victoria, Peter F. Orazem, and Guilherme Sedlacek. *Changing Patterns of Child Labor around the World since 1950: The Roles of Poverty, Parental Literacy, and Agriculture*. Chapter 1

Côrtes Neri, Marcelo, Emily Gustafsson-Wright, Guilherme Sedlacek, and Peter F. Orazem. *The Responses of Child Labor, School Enrollment, and Grade Repetition to the Loss of Parental Earnings in Brazil, 1982–1999*. Chapter 3.

Ilahi, Nadeem, Peter F. Orazem, and Guilherme Sedlacek. *How Does Working as a Child Affect Wages, Income, and Poverty as an Adult?*. Chapter 5

Sánchez, Mario A., Peter F. Orazem, and Victoria Gunnarsson. *The Impact of Child Labor Intensity on Mathematics and Language Skills in Latin America*. Chapter 7

Yap, Yoon-Tien, Guilherme Sedlacek, and Peter F. Orazem. *Limiting Child Labor through Behavior-based Income Transfers: An Experimental Evaluation of the PETI Program in Rural Brazil*. Chapter 9.

Tzannatos, Zafiris, Peter F. Orazem, and Guilherme Sedlacek. *Policy Options to Eradicate Child Labor and Promote Education in Latin America*. Chapter 12.

BOOK CHAPTERS

Orazem, Peter F. and J. Peter Mattila. "Comparable Worth and the Structure of Earnings: The Iowa Case," in *Pay Equity: Empirical Inquiries* edited by Robert Michael, Heidi Hartmann and Brigid O'Farrell, Washington, D.C.: National Academy Press, 1989, pp. 179-199.

Huffman, W.E. and P.F. Orazem "Agriculture and Human Capital in Economic Growth: Farmers, Schooling and Health." Chapter 43 in R. E. Evenson and P. Pingali eds. *Handbook of Agricultural Economics Volume 3*. Amsterdam: North Holland. 2007. pp. 2281-2341, 2007.

Orazem, Peter F. "Lack of Education." Chapter 15 in Bjorn Lomborg, ed. *Solutions for the World's Biggest Problems: Costs and Benefits*, Cambridge: Cambridge University Press. 2007. pp. 241-262, 2007.

Orazem, Peter F. and Elizabeth M. King. "Schooling in Developing Countries: The Roles of Supply, Demand and Government Policy." Chapter 55 in T. P. Schultz and John Strauss, eds. *Handbook of Development Economics, Volume 4*. Amsterdam: North Holland. 2008. pp:3475-3559.

Orazem, Peter F., Paul Glewwe, and Harry Patrinos. "The Benefits and Costs of Alternative Strategies to Improve Educational Outcomes." Chapter 4 in Bjorn Lomborg, ed. *Global Crises, Global Solutions, 2nd ed.* Cambridge: Cambridge University Press. 2009. pp. 180-214.

Orazem, Peter F., Paul Glewwe, and Harry Patrinos. "The Benefits and Costs of Lowering Parental Schooling Costs to Improve Educational Outcomes," forthcoming in a book to be published by Cambridge University Press.

BOOK REVIEWS

"Comparable Worth and Gender Discrimination: An International Perspective," by Morley Gunderson, *Industrial and Labor Relations Review*, October, 1995, pp. 182-3.

"Intrahousehold Resource Allocation in Developing Countries: Models, Methods, and Policy," edited by Lawrence Haddad, John Hoddinott, and Harold Alderman. *American Journal of Agricultural Economics* 81(May 1999):480-2.

"Economic Facts and Fallacies," by Thomas Sowell, *The Review of Higher Education*,32(Spring 2009):431-432.

OTHER PUBLICATIONS

Daniel Otto, Peter Orazem and Wallace Huffman, "Community and Economic Impacts of the Iowa Hog Industry in C. Phillip Baumel ed., *Iowa's Pork Industry-Dollars and Scents*. Ames IA: Iowa State University Agriculture and Home Economics Extension, January 1998, pp. 25-28.

Peter F. Orazem, "The Urban and Rural Fellowship School Experiments in Pakistan: Design, Evaluation, and Sustainability" *EdInvest News* August 2000. <http://www.worldbank.org/edinvest/Orazem.doc>

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller, "Decade of Employment Data Marks Pork Industry Changes." *National Hog Farmer* (June 15, 2000):E2-E7.

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller, "Employee Rosters Rise; Wages Climb More than 50%." *National Hog Farmer* (June 15, 2000):E7-E15

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller, "Work Environment, Time Off Lead Job Satisfaction List" *National Hog Farmer* (June 15, 2000):E16-EE22.

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller, "Looking for a Job, Finding the Right Employee." *National Hog Farmer* (June 15, 2000):E24-E29.

Orazem, Peter F. "A Tale of Two Iowas." in *Year 2 Report: Perspectives on the State of Iowa's Future* published by Iowans for a Better Future. November 2002.
http://betteriowa.nolasoft.com/whatwedo/annualreport_pdfs/Year2Report-Part4-PeterOrazem.pdf

Orazem, Peter F. "Slow Growth and the Kansas Productivity Puzzle," *Kansas Policy Review* 26 (Fall 2004): 1-9.

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller. "Industry Survey Tracks Employment Trends." *National Hog Farmer* (June 15, 2005):E3-E7.

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller. "Employee Rosters Rise; Wages on the Upswing." *National Hog Farmer* (June 15, 2005):E8-E15.

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller. "Work Environment Tops Employee Priority Lists." *National Hog Farmer* (June 15, 2005):E18-23.

Terrance Hurley, James Kliebenstein, Peter Orazem and Dale Miller. "Employees, Employers Search for the Right Fit." *National Hog Farmer* (June 15, 2005):E24-31.

WORKING PAPERS

Orazem, Peter F. "A Dynamic Stochastic Model of School Attendance and Achievement with Application to Segregated Schools," June 1984.

Falk, Barry and Peter F. Orazem. "A Theory of Future's Market Responses to Government Crop Forecasts," December, 1984, ISU Staff Paper No. 150.

Huffman, Wallace and Peter F. Orazem. "Comparable Worth: An Economic Perspective," March 1984.

Orazem, Peter F. and J. Peter Mattila. "The Impact of the Minimum Wage Law on the Employment, Occupational Choice, and School Enrollment Decisions of Graduating High School Seniors," University of Wisconsin IRP Discussion Paper #812-86, August 1986.

Orazem, Peter F. and J. Peter Mattila. "Career Decisions of Male and Female High School Graduates," October, 1987.

Yu, Fen Chin and Peter F. Orazem. "The Rationality and Value of USDA Crop Forecasts," March 1991.
Orazem, Peter F., Marvin L. Bouillon and Benjamin M. Doran, "Specific Human Capital and Long-Run Firm Rates of Return," June 1991.

- Stephens, Kyle J., Peter F. Orazem, and J. Peter Mattila, "Job Search Strategies and Outcomes in the Market for New PhD Economists." June, 1994.
- Orazem, Peter F. and Milan Vodopivec, "Winners and Losers in Transition: Returns to Education, Experience, and Gender in Slovenia." World Bank Policy Research Working Paper 1342, October, 1994.
- Mattila, J. Peter, Peter F. Orazem, and Alex Turk, "Comparable Worth and State Government Employment," May 2003.
- Orazem, Peter F., Arne Hallam and Elizabeth Paterno, "Capital Deepening, Biased Technical Change and Earnings Inequality: A Reevaluation of the Griliches Hypothesis," March, 1997.
- Orazem, Peter F., Milan Vodopivec and Ruth Wu, "Worker Displacement During the Transition: Experience from Slovenia," World Bank Policy Research Working Paper 1449. April 1995.
- Orazem, Peter F. And Elizabeth M. Paterno, "A Preliminary Overview of the NWFP Teacher/Student Absenteeism Study," April, 1995. Revised, June, 1995.
- Orazem, Peter F. And J. Peter Mattila. "The Impact of Minimum Wages on Rural Retail and Service Sector Labor Markets." Final Report on USDA Grant #92-37401-8284.
- Huang, Tzu-Ling and Peter F. Orazem. "An Analysis of the Causes and Consequences of Immigrant Population Growth in the Nonmetropolitan Midwest and South-central States, 1950-1990, July 1996.
- Alderman, Harold, Peter F. Orazem, and Elizabeth M. Paterno. "School Quality, School Cost, and the Public/Private School Choices of Low-Income Households in Pakistan." The World Bank Impact Evaluation of Education Reforms Working Paper Series, #2. December, 1996.
- Noorkoiv, Rivo, Peter F. Orazem, Allan Puur, and Milan Vodopivec. "How Estonia's Economic Transition Affected Employment and Wages, 1989-1995". World Bank Policy Research Working Paper 1837. October 1997.
- King, Elizabeth M., Peter F. Orazem and Darin Wohlgemuth. "Central Mandates and Local Incentives: The Colombia Education Voucher Program." The World Bank Impact Evaluation of Education Reforms Working Paper Series, #6. March 1998.
- Kim, Jooseop, Harold Alderman and Peter F. Orazem. "Can Cultural Barriers be Overcome in Girls' Schooling?: The Community Support Program in Rural Balochistan." The World Bank Impact Evaluation of Education Reforms Working Paper Series, #10. May 1998.
- Kim, Jooseop, Harold Alderman and Peter F. Orazem. "Can Private School Subsidies Increase Schooling for the Poor: The Quetta Urban Fellowship Program." The World Bank Impact Evaluation of Education Reforms Working Paper Series, #11. May 1998.
- King, Elizabeth M., Peter F. Orazem and Elizabeth M. Paterno. "Promotions With and Without Learning: Effects on Student Dropouts." January, 2010.
- Yap, Yoon-Tien, Guilherme Sedlacek and Peter F. Orazem. "Limiting Child Labor Through Behavior-Based Income Transfers: An Experimental Evaluation of the PETI Program in Rural Brazil." February 2001.
- Meyer, Rebecca, Peter F. Orazem and William A. Wachenheim. "Labor Supply Responses to Employer-Provided Health Insurance." Under revision
- Gunnarsson, Victoria and Peter F. Orazem. "Child Labor, School Attendance and Academic Performance: A Review." ILO/IPEC Working Paper. October 2003.

- Xiao, Mo and Peter F. Orazem. "Do Entry Conditions Vary over Time? Entry and Competition in the Broadband Market: 1999-2003." September 2005.
- Song, Moohoun, Peter F. Orazem and Rejesh Singh. "Broadband Access, Telecommuting and the Urban-Rural Digital Divide." February 2006.
- Orazem, Peter F., Paul Glewwe, and Harry Patrinos. "The Benefits and Costs of Alternative Strategies to Improve Educational Outcomes." August 2006. Report prepared for the *Copenhagen Consensus, 2008*.
- Yu, Li, Robert Jolly and Peter F. Orazem. "Stopping start-ups: how the business cycle affects entrepreneurship." October, 2009
- King, Elizabeth M., Claudio Montenegro and Peter F. Orazem. "Economic freedom, human rights, and the returns to human capital : an evaluation of the Schultz hypothesis." World Bank Policy Research Paper #5405. August 2010

ASSOCIATIONS

American Economics Association
 Society of Labor Economists
 Midwest Economic Association
 Phi Beta Kappa

REFEREE

Journals: *Adaptive Behavior; Agricultural Economics; The American Economic Review; American Education Research Journal; American Journal of Agricultural Economics; American Sociological Review; Berkeley Electronic Journals; Bulletin of Economic Research; Canadian Journal of Economics; Canadian Journal of Agricultural Economics; Children, Youth and Environments; Comparative Education Review, Contemporary Economic Policy; Defense Economics; Economic Development and Cultural Change; Economic Inquiry; Economic Journal; Economic Systems; Economics of Education Review; Economics of Planning; Economics of Transition; Education Economics; European Review of Agricultural Economics; European Economic Review; Food Policy; Human Resource Management Journal; Industrial and Labor Relations Review; Industrial Relations; International Economic Review; International Journal of Business and Economics, International Journal of Educational Research; International Journal of Manpower; Journal of African Economies; Journal of Agribusiness; Journal of Agricultural and Applied Economics; Journal of Agricultural and Resource Economics; Journal of Agricultural Science and Technology; Journal of Applied Econometrics; The Journal of Business; Journal of Comparative Economics; Journal of Development Economics; Journal of Development Studies; Journal of Environmental Economics and Management; Journal of Hospitality Management and Tourism; Journal of Human Resources; Journal of Labor Economics; Journal of Money, Credit, and Banking; Journal of Political Economy; Journal of Public Economic Theory; Journal of School Choice; Labour Economics; Land Economics, Latin American Research Review, Quarterly Journal of Economics; Journal of School Choice; Research in Labor Economics; Resource and Energy Economics, Review of Agricultural Economics; Review of Agricultural and Environmental Studies; The Review of Economics and Statistics; Review of Economics of the Household; Review of Income and Wealth; Scottish Journal of Political Economy; Social Forces; Southern Economic Journal; Urban Studies; The World Bank Economic Review; World Development*

Books: Dryden Press; Harper Collins; Pearson-Addison Wesley; Princeton University Press.

Agencies: National Science Foundation; American Agricultural Economics Association (Summer meeting); U.S. Department of Agriculture NRI grants, Slovenian Research Agency, CERGE-EI/Global Development Network.

Universities: Montana State University; University of Aberdeen; University of Alberta; University of Arizona; University of Colorado at Denver; Georgia Institute of Technology; Idaho State University; University of

Minnesota; Oregon State University; University of South Florida; Vanderbilt University; University of Wisconsin; Quaid-I-Azam-Pakistan.

EXTERNAL GRANTS AND CONTRACTS

1985	Small Grant, University of Wisconsin Institute for Research on Poverty \$9,000 (with J. Peter Mattila)
1986-87	National Research Council \$17,598 (with J. Peter Mattila)
1990-92	National Science Foundation \$89,702 (with J. Peter Mattila)
1992	Participant in Iowa State University's USAID-funded Management Training and Economic Education program with 3 agricultural universities on Czechoslovakia, June 8-26, 1992.
1992-95	USDA National Competitive Research Initiative Grants Program \$116,353 (with J. Peter Mattila)
1992-94	ISU Special Grant to study tuition and enrollment, \$7,594 (with J. Peter Mattila and Marvin Hayenga)
1993	USDA Cooperative Grant to study interaction between acreage allocation and soil productivity, \$9,000 (with John Miranowski).
1994-97	World Bank, \$58,408.80, Project to Study Impact Evaluation of Educational Decentralization and Privatization Projects, Colombia, Pakistan, Peru and Tanzania
1995	World Bank, \$10,000, Study of Student and Teacher Absenteeism in Pakistan
1995-97	World Bank, \$27,200, Labor Market Adjustment in Estonia
1995	World Bank, \$11,201, Study of Student and Teacher Absenteeism in Pakistan, extension
1995	National Pork Producers Council, \$9,600, "The Economics of Environmental Health and Safety in Iowa Swine Production" with Terry Hurley and Jim Kliebenstein
1996	National Pork Producers Council, \$17,600, "Labor Rates and Fringe Benefits in the U.S. Swine Production Industry" with Terry Hurley and Jim Kliebenstein
1998-9	World Bank, \$4,000, Analysis of the Balochistan Rural Girls' Fellowship Program
1999-2000	USDA/NSF, \$18,000, "Analysis of the 1997 Survey of Earned Doctorates".
1999-2000	National Pork Producers Council, \$33,725, "Labor Rates and Fringe Benefits in the U.S. Swine Industry: Analysis of the 2000 NPPC Labor Survey."
2001-2003	World Bank, \$31,000 "Child Labor in Latin America"
2003	William Davidson Institute \$10,000. "Do Market Pressures Induce Economic Efficiency"
2003	International Labour Organization. \$8,000 "Child Labor, Attendance and Achievement" .
2004-2005	University of Kansas, \$127,500. "Center for Applied Economics, Koch Professorship"
2004-2005	State of Iowa, Center for Health Workforce Planning \$33,000. "Nurse Labor Market Analysis." With Mark Imerman and Daniel Otto
2005-2006	USDA \$28,000. "Labor Organization and Technology Adoption on Hog Farms" with Terry Hurley and Jim Kliebenstein
2005	National Pork Board/Primedia Business. \$40,000. "Labor Rates and Fringe Benefits in the U.S. Swine Production Industry" with Terry Hurley and Jim Kliebenstein
2005-2006	World Bank. \$23,902. "The World Development Report 2007: Development For (and By) The Next Generation"
2006	State of Iowa, Center for Health Workforce Planning "Nurse Labor Market Analysis." \$36,000. With Mark Imerman.
2009	School to Work Transition in Sri Lanka, The World Bank \$7,000. (contract)
2010	Firm Responses to Training Subsidies in Mauritius, The World Bank \$7,000. (contract)
2011	Linked Employer-Employee Data in Botswana, The World Bank, \$23,000. (contract)

NONDEPARTMENTAL PRESENTATIONS

- Orazem, Peter F. "Comparable-Worth in the Private Sector," Lakes Area Personnel Association's 12th Annual Wage and Benefit Conference, Lake Okoboji, IA, October 16, 1984.
- Huffman, Wallace and Peter F. Orazem. "An Econometric Model of the Market for New Ph.D.'s in Agricultural Economics in the United States," invited paper, American Agricultural Economics Association, Ames, IA, August 6, 1985.
- Orazem, Peter F. and Barry A. Falk, "A Theory of Future's Market Responses to Government Crop Forecasts," annual meeting of the American Economic Association, New York, NY, December 30, 1985.
- Orazem, Peter F., "Occupational Choice Under Uncertainty," University of Kansas, March 7, 1988.
- Orazem, Peter F. and J. Peter Mattila. "A Study of the Impact of the Minimum Wage Laws on the Employment, Occupation Choice and School Enrollment Decision of Graduating High School Seniors," University of Wisconsin, May 2, 1986.
- Orazem, Peter F. and John Miranowski. "Acreage Allocation and Soil Capital," Economic Research Service Seminar, USDA, Washington, D.C., November 21, 1986.
- Orazem, Peter F. and J. Peter Mattila. "Comparable Worth and the Structure of Earnings: The Iowa Case," National Research Council, Panel on Pay Equity, Washington, D.C., September 14, 1987.
- Mattila, J. Peter and Peter F. Orazem. "Comparable Worth in Iowa," Southern Economics Association Meetings in Washington, D.C., November 24, 1987
- Ward, Patricia, Peter F. Orazem and Steffen Schmidt. "The Underrepresentation of Women in Elite Pools and Elite Positions," Midwest Political Science Association Meetings, Chicago, IL, April 14, 1988.
- Orazem, Peter F., Daniel M. Otto and Mark A. Edelman. "An Analysis of Farmers' Agricultural Policy Preferences," American Agricultural Economics Association meeting, Knoxville, TN, August 3, 1988.
- Orazem, Peter F., J. Peter Mattila, and Sherry K. Weikum. "The Growth of Comparable Worth and Factor Point Pay Analysis: Impacts on State Government Pay Structure." symposium on The Future Roles of Unions, Industry, and Government in Industrial Relations. University of Minnesota. April 28, 1990.
- Yu, Fen-Chin, and Peter F. Orazem. "The Rationality and Value of USDA Crop Forecasts." American Agricultural Economics Association meeting, Vancouver, B.C. August 7, 1990.
- Orazem, Peter F. Session Chair: Conference on "Research Horizons: Trends in the Social and Behavioral Sciences." Kansas State University, March 4, 1991.
- Orazem, Peter F. "Specific Human Capital and Long Run Firm Profits." Kansas State University, March 6, 1991.
- DeVore, Nancy and Peter F. Orazem, "Market Responses to Error-Ridden Government Crop Forecasts," American Agricultural Economics Association meeting, Manhattan Kansas, August 5, 1991.
- Orazem, Peter F., "Comparable Worth: Winners and Losers," Drake University, February 19, 1992.
- Bouillon, Marvin L., Benjamin M. Doran and Peter F. Orazem, "An Empirical Assessment of Firm Returns on Human Capital Investment," Midwest Regional meeting of the American Accounting Association, Indianapolis, IN, April 16-18, 1992.

- Orazem, Peter F. "Specific Human Capital and Long-Run Firm Rates of Return" The World Bank, Washington, D.C. July 6, 1992.
- Orazem, Peter F. "The Effect of Comparable Worth on Public Sector Labor Supply and Demand," University of Iowa, November 13, 1992.
- Mattila, J. Peter and Peter F. Orazem, "The Impact of Comparable Worth on State Government Employees," annual meeting of the American Economic Association, Anaheim CA, January 7, 1993.
- Orazem, Peter F. and Leigh Tesfatsion, "Human Capital Investment and the Locally Rational Child," Winter meeting of the Econometric Society, Boston, MA, January 3, 1994.
- Orazem, Peter F. and Milan Vodopivec, "Winners and Losers in Transition: Returns to Education, Experience, and Gender in Slovenia." June 7, 1994, The World Bank, and January 7, 1995, annual meetings of the American Economic Association, Washington DC.
- Orazem, Peter F., Milan Vodopivec and Ruth Wu, "Worker Displacement During the Transition: Evidence from Slovenia," World Bank, February 7, 1995.
- Orazem, Peter F. And Elizabeth M. Paterno, "A Preliminary Overview of the NWFP Teacher/Student Absenteeism Study," The World Bank, April 3, 1995.
- Hurley, Terry, Jim Kliebenstein and Peter Orazem. "Preliminary Findings of Environmental Health and Safety in Iowa Pork Production." NPPC Worker Health and Safety Task Force, Des Moines, IA. December 13, 1995.
- Orazem, Peter F. "Estimating Earnings Functions" Presentation to the Estonia Labor Force Survey Task Force, Tallinn, Estonia. March 8, 1996.
- Orazem, Peter F. Discussant for J.S. Leonard and M. Van Audenrode, "Persistence of Firm and Individual Wage Components. Summer meetings of the Econometric Society. June 22, 1996. Iowa City, IA.
- Huang, Tzu-Ling and Peter F. Orazem. "An Analysis of the Causes and Consequences of Immigrant Population Growth in the Nonmetropolitan Midwest and South-central States, 1950-1990." Conference on the Changing Face of Rural America, Ames IA, July 11, 1996.
- Orazem, Peter F. And Milan Vodopivec. Value of Human Capital in Transition to Market: Evidence from Slovenia. Meetings of the European Economic Association, Istanbul, Turkey. August 23, 1996.
- Kliebenstein, James, Terrance Hurley and Peter Orazem, "Personnel Management Issues and Job Satisfaction in Pork Production, September 4-5, 1996. National Pork Producers Council Swine Education Seminar. Des Moines, IA.
- Orazem, Peter F., Arne Hallam and Elizabeth Paterno, "Capital Deepening, Biased Technical Change and Earnings Inequality: A Reevaluation of the Griliches Hypothesis," presented at the Midwest Economics Association meetings in Kansas City, MO, March 21, 1997.
- Orazem, Peter F., Discussant for Bruce Weinberg, "Long-term Wage Contracts with Industry-Specific Skills". Midwest Economics Association meetings in Kansas City, MO, March 21, 1997.
- Alderman, Harold, Peter F. Orazem, and Elizabeth M. Paterno. "School Quality, School Cost, and the Public/Private School Choices of Low-Income Households in Pakistan." The World Bank. July 3, 1997.
- Hurley, Terrance, James Kliebenstein and Peter F. Orazem. "Structure of Wages and Benefits in the U.S. Pork Industry." American Agricultural Economics Association meetings in Toronto, July 28, 1997.

- Hurley, Terrance, James Kliebenstein and Peter F. Orazem. "An Analysis of Occupational Health in Pork Production." American Agricultural Economics Association meetings in Toronto, July 28, 1997.
- Huang, Tzu-Ling and Peter F. Orazem. "Rural Population Growth, 1950-1990: The Roles of Human Capital, Industry, Structure, and Government Policy." AAEA meetings, July 29, 1997.
- Orazem, Peter F., Arne Hallam and Elizabeth Paterno, "Capital Deepening, Biased Technical Change and Earnings Inequality: A Reevaluation of the Griliches Hypothesis," Yale University, October 17, 1997.
- Orazem, Peter F. Discussant, papers on the economics of education. Midwest Economics Association Meetings, Chicago, March 19, 1998.
- Orazem, Peter F. Discussant and session chair. Papers on innovations in econometric modeling. Midwest Economics Association Meetings, Chicago, March 19, 1998.
- Khan, Romana, Peter F. Orazem and Daniel M. Otto. "Deriving Empirical Definitions of Spatial Labor Markets: The Roles of Competing versus Complementary Growth." Midwest Economics Association Meetings, Chicago, March 19, 1998. American Agricultural Economics Association Meetings, Salt Lake City, Utah, August 3, 1998.
- So, Kim S., Peter F. Orazem and Daniel M. Otto. "The Effects of Housing Prices, Wages, and Commuting Time on Joint Residential and Job Location Choices." Midwest Economics Association Meetings, Chicago, March 21, 1998. American Agricultural Economics Association Meetings, Salt Lake City, Utah, August 3, 1998.
- Orazem, Peter F. Discussant for session on rural labor markets. American Agricultural Economics Association Meetings, Salt Lake City, Utah, August 3, 1998.
- Elizabeth M King, Peter F. Orazem, and Elizabeth M. Paterno, Grade Promotion With and Without Learning: Effects on Enrollment and Dropout, Population Association of America Annual Meeting, New York, NY, March 26, 1999.
- Orazem, Peter F. "Evaluation Results of Demand-Side Financing Interventions in Pakistan," Comparative and International Education Society meetings, Toronto Canada, April 17, 1999.
- Peter F. Orazem. "Discussion of Demand-side Interventions in Education, Gender and Child Labor in Latin America" The World Bank, Washington, DC, June 2, 1999.
- King, Elizabeth M., Peter F. Orazem and Elizabeth M. Paterno. "Promotions With and Without Learning: Effects on Student Dropouts." Midwest Economic Association Meetings, Chicago, IL, April 2, 2000.
- Orazem, Peter F., Marvin Bouillon and B. Michael Doran. "Long-term Attachments and Long-Run Firm Rates of Return." Midwest Economic Association Meetings, Chicago, IL April 1, 2000; and the University of Kansas, April 23, 2004.
- Orazem, Peter F. Session Chair on Education, Midwest Economic Association Meetings, Chicago, IL, April 1, 2000.
- Orazem, Peter F. "Trends in Wages and Benefits in the Pork Industry, 1990-2000," Iowa Pork Industry Center Fall Seminar, Nashua, IA, September 14, 2000.
- Ilahi, Nadeem, Peter F. Orazem, and Guilermo Sedlacek "The Implications of Child Labor for Adult Wages, Income and Poverty Retrospective Evidence from Brazil" NEUDC conference, Cornell University, October 6, 2000 and at the World Bank, October 18, 2000.

- Orazem, Peter F. Discussant. "21st Century Skills for 21st Century People: Workforce challenges for Employers, Unions, Communities and Policymakers" Fall Forum, Dubuque Area Labor Management Council. October 25, 2000
- Orazem, Peter F. Discussant. Session on "Program Evaluation in Less Developed Countries," American Economic Association annual meetings, New Orleans, LA. January 8, 2001.
- Yap, Yoon-Tien, Guilherme Sedlacek, and Peter F. Orazem. "The Impact of the PETI Program on School Attendance, School Performance, Child Labor, and Risky Work in Rural Brazil." American Economic Association annual meetings, New Orleans, LA. January 8, 2001.
- Yap, Yoon-Tien, Guilherme Sedlacek and Peter F. Orazem. "Limiting Child Labor Through Behavior-Based Income Transfers: An Experimental Evaluation of the PETI Program in Rural Brazil." May The World Bank.
- Orazem, Peter F. "Public-Private Partnerships in Enhancing Educational Outcomes: Lessons from Colombia, Pakistan and Tanzania." Symposium on International Experiences in Decentralization and Education. June 8-9, 2001. Quetta, Pakistan.
- Yap, Yoon-Tien, Guilherme Sedlacek, and Peter F. Orazem. "Limiting Child Labor Through Behavior-Based Income Transfers: An Experimental Evaluation of the PETI Program in Rural Brazil." Inter-American Development Bank, June 3, 2002. Also at the Social Policy Monitoring Network Meetings, University College London, November 20, 2002.
- Orazem, Peter F. "Macroeconomic Trends and Investment Strategies." Sioux City, IA (October 8, 2001) and Mapleton, IA (October 9, 2001).
- Meyer, Rebecca, Peter F. Orazem and William A. Wachenheim. "Labor Supply Responses to Employer-Provided Health Insurance." Midwest Economics Association Meetings. Chicago, IL March 14, 2002. University of Kansas, April 20, 2005. Kansas State University, April 21, 2005.
- Orazem, Peter F. Discussant for session on the Economics of Aging. Midwest Economics Association Meetings. Chicago, IL March 16, 2002.
- Orazem, Peter F. Darin Wohlgemuth and Tzu-Ling Huang. "The Causes and Consequences of Rural Immigrant Population Growth." American Agricultural Economics Association meetings, July 29, 2002, Long Beach CA.
- Kwon, Chul-Woo, Peter F. Orazem and Daniel M. Otto, "The Determinant of Off-farm Work Participation Decisions: Iowa Case." American Agricultural Economics Association meetings, July 29, 2002, Long Beach CA.
- Orazem, Peter F. Session Leader for "Structural and Institutional Determinants of Factor Productivity." American Agricultural Economics Association meetings, July 29, 2002, Long Beach CA.
- Huffman, Wallace E. and Peter F. Orazem. "The Role of Agriculture and Human Capital in Economic Growth: Farmers, Schooling and Health." Bretton Woods Conference on Agricultural Producers and Productivity, Sept 30, 2002.
- Wallace E. Huffman and Peter Orazem, "Agricultural Development Retrospective: Farmers' Education and Health," presented at the 25th International Conference of Agricultural Economists (IAAE), Durbin, South Africa, Aug. 17-22, 2003.
- King, Elizabeth M. Peter F. Orazem and Victoria Gunnarsson. "Decentralization and Student Achievement: International Evidence on the Roles of School Autonomy and Parental Participation." 3rd Global Development Network Conference, Cairo, Egypt, January 21, 2003.

Gunnarsson, Victoria, Peter F. Orazem and Mario Sanchez. "Child Labor and School Achievement in Latin America." NEUDCC meetings at Yale University, New Have CT, Oct. 17, 2003 and University of Minnesota, Dec 5, 2003.

Gunnarsson, Victoria and Peter F. Orazem. "Child Labor, School Attendance and Academic Performance: A Review." World Bank, March 12, 2003; and ILO/IPEC conference in Izmir Turkey, Dec 16, 2003.

Orazem, Peter F. Discussant for session on "Cross Country Differences of Post-Planning Change in Returns to Schooling: The Chinese and Eastern European Experiences." Papers by Munich et al and Fleisher et al. Allied Social Science Meetings. San Diego CA. January 4, 2004.

Gunnarsson, Victoria, Peter F. Orazem, Mario Sanchez and Aimee Verdisco. "Does School Decentralization Raise Student Outcomes?: Theory and Evidence on the Roles of School Autonomy and Community Participation." Governance and Accountability in Social Sector Decentralization, The World Bank, February 18, 2004. Midwest Economics Association Meetings, March 19, 2004. Minnesota International Economic Development Conference, University of Minnesota, April 30, 2004.

Orazem, Peter F Discussant for session on "Minorities and Economic Opportunity." Session chair for "Technology and the Labor Market." Midwest Economics Association Meetings, March 19-21, 2004.

Orazem, Peter F. "Child Labor and Education in Latin America." InterAmerican Development Bank. March 16, 2004.

Song, Moohoun and Peter F. Orazem. "Returns to Graduate and Professional Education: The Roles of Mathematical and Verbal Skills by Major." NSF-NBER Workshop on using NSF Data Creatively, Arlington, VA, May 28, 2004.

Orazem, Peter F. and Milan Vodopivec, "Do Market Pressures Induce Economic Efficiency: The Case of Slovenian Manufacturing, 1994-2001." Third IZA/SOLE Transatlantic Conference of Labor Economists. Buch am Amersee, Germany. June 5, 2004. Midwest Economic Association Meetings, Milwaukee, March 13, 2005.

Orazem, Peter F. Discussant, Sessions on Undergraduate Honors Papers; and Labor Markets. Midwest Economic Association Meetings, Milwaukee, March 13, 2005.

Orazem, Peter F. Panel Member on the Economic Policy during the Second Bush Administration. Iowa State University, January 31, 2005.

Orazem, Peter F Panel Member on Globalization. University of Kansas. February 10, 2005.

Orazem, Peter F. Discussant for Sessions on Risky Behavior Among Teens and Young Adults and for the Undergraduate Paper Session, Midwest Economic Association Meetings, Milwaukee, March 12, 2005.

Orazem, Peter F. "Data sets and methods for education research." Global Conference on Education Research in Developing and Transition Countries (Global Development Network), Prague, March 31, 2005.

Orazem, Peter F. Discussant (3 papers) and Chair (4 sessions) for the Global Conference on Education Research in Developing and Transition Countries (Global Development Network), Prague, March 31-April 2, 2005.

Artz, Georgeanne M. and Peter F. Orazem. "Reexamining Rural Decline: How Changing Rural Classifications and Short Time Frames Affect Perceived Growth." American Agricultural Economics Association meetings, Providence, RI. July 25, 2005

Artz, Georgeanne M. Artz, Peter F. Orazem and Daniel M. Otto. "Meat Packing and Processing Facilities in the Non-metropolitan Midwest: Blessing or Curse?" American Agricultural Economics Association meetings, Providence, RI. July 26, 2005

Orazem, Peter F. Discussant (6 papers) for the Global Development Network Conference, Prague, August 10-12, 2005.

Orazem, Peter F. "The Kansas Productivity Puzzle." Address given to the Kansas Policy Conference *Back to the Future: Science and the Kansas Economy* University of Kansas, October 27, 2005.

Orazem, Peter F. Panel Member. "Values in Post-Katrina America." Iowa State University. March 1, 2006.

Song, Moohoun, Peter F. Orazem and Rejesh Singh. "Broadband Access, Telecommuting and the Urban-Rural Digital Divide." Midwest Economic Association Meetings, Chicago, March 24, 2006

Orazem, Peter F. Discussant. Midwest Economic Association Meetings, Chicago, March 24, 2006

Lee, Chanyoung and Peter F. Orazem. "Effects of High School Work Experience on Schooling Outcomes in the Short Term." Midwest Economic Association Meetings, Chicago, March 25, 2006

Orazem, Peter F. "How has Ames grown? A comparative view" Ames Planning Commission (June 20, 2006); Ames Economic Development Commission (August 18, 2006); Ames Banker's Association (October 17, 2006); Ames Chamber of Commerce (November 30, 2006); Ames City Council Chambers (January 18, 2007); Ames Noon Rotary (October 8, 2007); Ames Homebuilders Assoc. (October 16, 2007). Ames Noon Kiwanis, December 28, 2007.

Orazem, Peter F. Challenge Presentation on Education, Copenhagen Consensus 2006: A United Nations Perspective. United Nations UNICEF House, New York, NY. October 28, 2006.

Orazem, Peter F. "The Market for Science Graduate Students" Iowa State University Department of Horticulture. November 6, 2006.

Orazem, Peter F. Panel Member. "How to Spend \$50 Billion to Make the World a Better Place." Iowa State University. November 13, 2006.

Kuku, Yemisi, Peter F. Orazem and Rajesh Singh. "Computer Adoption and Returns in Transition" Southern Economic Association Meetings, Charleston, SC, November 19, 2006.

Orazem, Peter F. "The Challenge of Illiteracy." Copenhagen Business School, March 8, 2007.

Gunnarsson, Victoria, Peter F. Orazem, Mario Sanchez and Aimee Verdisco. "Does Local School Control Raise Student Outcomes?: Theory and Evidence on the Roles of School Autonomy and Community Participation." Midwest Economic Association Meetings, Minneapolis, MN, March 24, 2007

Orazem, Peter F. Discussant. Midwest Economic Association Meetings, Minneapolis, March 25, 2007

Gunnarsson, Victoria, Peter F. Orazem and Mario Sanchez. "Child Labor and School Achievement in Latin America." World Bank Conference on Child Labor and Education, April 24, 2007.

Lee, Chanyoung and Peter F. Orazem. "Lifetime Health Consequences of Child Labor in Brazil." 4th Minnesota International Economic Development Conference, May 4, 2007, University of Minnesota. Second IZA/World Bank Conference on Employment and Development, June 9, 2007, Bonn. University of Illinois, November 2008. Seminar on child labour, education and youth employment: a challenge for growth, Madrid, Spain, September 2008.

- Hurley, Terrance, Li Yu, Peter Orazem, and James Kliebenstein. "Testing for Complementarity and Substitutability among Multiple Technologies: The Case of U.S. Hog Farms." American Agricultural Economics Association meetings, Portland OR, July 31, 2007.
- Yu, Li, Terrance Hurley, Peter Orazem and James Kliebenstein. "Firm Size, Technical Change, and Wages: Evidence from the Pork Sector from 1990-2005. American Agricultural Economics Association meetings, Portland OR, July 31, 2007.
- Xiao, Mo and Peter F. Orazem. "Entry Threat and Entry Deterrence: Evidence from the Broadband Market", ASSA meetings, New Orleans, LA, January 6, 2008.
- Abidoye, Babtunde, Peter F. Orazem_ and Milan Vodopivec. "Firing Cost and Firm Size: A Study of Sri Lanka.s Severance Pay System" Midwest Economics Association Meetings, Chicago IL, March 14, 2008
- King, Elizabeth M., Peter F. Orazem and Elizabeth Paterno. "Promotion with and without Learning: Effect on Student Dropout" Midwest Economics Association Meetings, Chicago IL, March 15, 2008
- Discussant, Gender in Labor Markets, Discussant, Undergraduate Research Papers Session. Chair, Developing Country Labor Markets and Employment Midwest Economics Association Meetings, Chicago IL, March 15, 2008
- Yu, Li, and Peter F. Orazem. "Human Capital, Complex Technologies, Firm Size and Wages: a Test of the O-Ring Production Hypotheses." Midwest Economics Association Meetings, Chicago IL, March 16, 2008
- Orazem, Peter F, Paul Glewwe and Harry Patrinos. "Strategies to Improve Education" Presentation to the Copenhagen Consensus 2008, May 28, 2008.
- Orazem, Peter F. Presenter, "The economics humor session," ASSA meetings, San Francisco, CA, January 3, 2009.
- Orazem, Peter F. Discussant, "The Evolution of an Industrial Cluster in China," ASSA meetings, San Francisco, CA, January 5, 2009.
- Orazem, Peter F. Panelist, The *Des Moines Business Record* Economic Forecast Conference, January 20, 2009.
- Peter F. Orazem. Discussant, Undergraduate Research Papers Session. Midwest Economic Association, Cleveland, OH, March 19-22, 2009
- Peter F. Orazem. Discussant, Economic Development Session. Midwest Economic Association, Cleveland, OH, March 19-22, 2009
- Yu, Li, Robert Jolly and Peter F. Orazem. "Stopping start-ups: how the business cycle affects entrepreneurship." Midwest Economic Association, Cleveland, OH, March 19-22, 2009
- Orazem, Peter F. "Near term prospects for commercial property." The *Des Moines Business Record* Forum, April 14, 2009.
- Orazem, Peter F. "Child Labor and Education in Latin America: An Economic Perspective" University of Northern Iowa United Nations Association, Cedar Falls, IA, October 22, 2009.

Orazem, Peter F. with Elizabeth King and Claudio Montenegro "Economic Freedom, Human Rights, and the Returns to Human Capital: An Evaluation of the Schultz Hypothesis" InterAmerican Development Bank, Washington DC, November 19, 2009; Midwest Economics Meetings, Chicago IL, March 19-21, 2010; Minnesota International Economic Development Conference, April 16-17, 2010; Festschrift for T. Paul Schultz, Center for Global Development, Washington, DC, May 22, 2010.

Peter F. Orazem. Discussant, Undergraduate Research Papers Session. Midwest Economic Association, Chicago, IL, March 19-21, 2010

Peter F. Orazem. Chair and Discussant, Session on Job Satisfaction. Midwest Economic Association, Chicago, IL, March 19-21, 2010

Yu, Li, Robert Jolly and Peter F. Orazem. "Bachelor's degrees and business start-ups: A reexamination of Lazear's Theory of Entrepreneurship." Midwest Economic Association, Chicago, IL, March 19-21, 2010. Southern Economic Association, Atlanta, GA, November 20-22, 2010.

Peter F. Orazem. Conference co-organizer and discussant, Festschrift for T. Paul Schultz, Center for Global Development, Washington, DC, May 22.

McPhail, Joseph, Peter F. Orazem and Rajesh Singh. "The Poverty of States: Do State Tax Policies Affect State Labor Productivity?" Southern Economic Association, Atlanta, GA, November 20-22, 2010. Midwest Economic Association, St Louis, MO, 18-20, 2011.

Peter F. Orazem. Discussant, Paul Glewwe, Eric Hanushek, Sarah Humpage, Renato Ravina. "School Resources and Educational Outcomes in Developing Countries: A Review of the Literature from 1990 to 2010." Conference on Education Policy in Developing Countries, University of Minnesota, February 4-5, 2011.

Peter F. Orazem. Chair and Discussant, Session on Education in Developing Countries. Midwest Economic Association, St Louis, MO, 18-20, 2011.

Peter F. Orazem. Discussant, Session on Occupational Choice and Mobility. Midwest Economic Association, St Louis, MO, 18-20, 2011.

Peter F. Orazem. "The Case for Improving School Quality and Student Health as a Development Strategy." Copenhagen Consensus 2012. Denmark. May 9, 2012.

EDITORIAL

"Why comparable-worth legislation will limit opportunities for women," (with Wallace Huffman), Des Moines Register, July 5, 1984.

"Comparable-worth study too flawed to work," (with Wallace Huffman), Des Moines Register, July 25, 1984.

FELLOWSHIPS, HONORS AND AWARDS

First Vice President, Midwest Economic Association, 2007-2008; Challenge paper writer for the *Copenhagen Consensus*, 2006-2008; Core Team, *World Development Report*, 2007; Koch Visiting Professor of Business Economics, University of Kansas, 2004-2005; Iowa State International Service Award, 2003; Iowa Board of Regents Faculty Excellence award, 1998; Co-winner: Outstanding Public Issues Education Program Award (Farm Foundation), 1998; Phi Beta Kappa; National Merit Scholar; Outstanding Senior of the University of Kansas; N.I.H. Traineeship; Yale University Fellowship; Who's Who in America; Who's Who in Finance and Industry; Who's Who in the Midwest; Who's Who in American Education; Who's Who of Slovenian Descent; \$4,000 award for research (shared with J. Peter Mattila and Sherry Weikum) from the Hubert H. Humphrey Institute, University of Minnesota.

TEACHING

Graduate:

Quantitative Methods of Economists
Labor Markets
Business Economics
Labor Supply and Human Capital Formation
Economics Seminar Series

Thesis advising:

Major Professor for 44 Master's and 13 PhD degree students
Committee member on 67 Master's and 52 PhD committees
Advisee Alex Turk received honorable mention from the Industrial Relations Research Association for his dissertation, *Public Sector Unions and the Free Rider Problem*, 2000.
Advisee Georgeanne Artz received honorable mention from the Regional Science Association International for her dissertation, *Three Essays on Rural Economic Growth*, 2005.

Undergraduate:

Labor Economics
Collective Bargaining
Introductory Economics
Economics of Discrimination
Principles of Macroeconomics
Principles of Microeconomics
Intermediate Microeconomics

SELECTED DEPARTMENTAL AND UNIVERSITY COMMITTEES

University

Academic Standards, 2 years
Graduate Council, 5 years (chair 1 year)
Iowa State Daily Publications Board, 4 years

College of Liberal Arts and Sciences

Interim Associate Dean, 2 years
LAS Representative Assembly, 4 years (executive committee, 2 years)
Academic Standards, 3 years (chair, 2 years)
Quality of Undergraduate Education
Phi Beta Kappa, 11 years (secretary 10 years, vice president , 1 year)

Economics Department

Staff Planning and Recruiting, 5 years (chair 2 years)
Economics Council, 6 years (Vice-President, 1 year; secretary, 3 years)
Promotion and Tenure (5 years, chair 1 year)
Seminar Committee, 4 years
Graduate Student Recruitment, Awards and Admissions, 8 years
AAEA Transportation Committee
Departmental Strategic Planning Committee
Review of Core Graduate Curriculum, 2 years
Director of Graduate Studies, 3 years