

## CURRICULUM VITA

Dr. Kent D. Olson, Professor  
Department of Applied Economics  
University of Minnesota  
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## EDUCATION

1979 Ph.D., Economics (Agricultural Economics), Iowa State University  
1975 M.S., Economics (Agricultural Economics), Iowa State University  
1974 B.S., Farm Operation, Iowa State University  
1972 A.A., Science, Waldorf College, Forest City, Iowa

Continuing education (in addition to professional meetings)

2008 North Central Extension Leadership Development  
2005 Successful Manager's Handbook Leadership Program,  
University of Minnesota

## PROFESSIONAL EXPERIENCE

2000 – present Professor, Department of Applied Economics  
University of Minnesota  
2004 – 2011 Program Leader for Agricultural Business Management,  
University of Minnesota Extension  
2001-2002 Major Coordinator, Applied Economics, College of Agricultural,  
Food, and Environmental Sciences, University of Minnesota  
1991- 2000 Associate Professor, Department of Applied Economics  
University of Minnesota  
1993-1997 Major Coordinator, Applied Economics, College of Agricultural,  
Food, and Environmental Sciences, University of Minnesota  
1992-1993 Visiting Professor, Department of Economics  
Swedish University of Agricultural Sciences, Uppsala, Sweden  
1985 - 1991 Assistant Professor  
Department of Agricultural and Applied Economics  
University of Minnesota  
1979 - 1985 Extension Economist, Department of Agricultural Economics  
University of California, Davis

1978 - 1979	Teaching Assistant Department of Economics, Iowa State University
1974 - 1979	Research Assistant and Research Associate Center for Agricultural and Rural Development Department of Economics, Iowa State University
1973	Summer Agribusiness Management Trainee Ralston Purina Company
1960 - 1973	Part-time farming, Eagle Grove, Iowa

## AWARDS AND HONORS

Sabbatical Leave		2011-2012
Dean's Award for Distinguished Extension Team		2007
Awarded to the Farm Transfer and Estate Planning Team: David Bau, William Craig, Gary Hachfeld, Eliza Herman, Rob Holcomb, James Kurtz and Kent Olson.		
Distinguished Teaching Award (tenured category)		2003
College of Agricultural, Food, and Environmental Sciences University of Minnesota		
Teacher of the best course taken in a student's major		2002
University of Minnesota (In the University's survey of students who filed for graduation, I was named by at least one student as teaching the best course in their program or major. Letter received from Craig Swan, Vice Provost for Undergraduate Education.)		
Outstanding Faculty Award, Agriculture Education Club, Minnesota		2002
John Tate Award for Excellence in Undergraduate Advising		1998
University of Minnesota		
Single Quarter Leave	University of Minnesota	1997
Bush Faculty Development Program, Minnesota		1995-1996
Sabbatical Leave	Swedish University of Agricultural Sciences	1992-1993
Single Quarter Leave	University of Minnesota	1989
Graduate with Honors	Iowa State University	1974
Phi Kappa Phi	Iowa State University	1974
Gamma Sigma Delta	Iowa State University	1974
Phi Theta Kappa	Waldorf (Junior) College	1972
Deans' Award	Waldorf (Junior) College	1972
(for academic and civic leadership)		
Iowa Farmer	Future Farmers of America	1970

## COURSES TAUGHT

At the University of Minnesota (& terms taught, semesters starting in F99):

ApEc 3811, Principles of Farm Management: S00, S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, F12, F13, F14

ApEc/Agro 4103, World Food Problems: S06, S07, S08, S09, F09, F10, F12, F13, F14  
(Team taught with Paul Porter, Agronomy and Plant Genetics)

ApEc 4821, Agribusiness Management: S00, S01, S02, S03, S04, S05  
(Team taught with Vernon Eidman in S00,S01 and Jon Seltzer in S02,S03,S04, S05)

Rcol 1905, sect 2, Food and Farming in our Future: F00

ApEc 3260, Operations Management of Agribusinesses: S94, S95, S96, S97, S98, S99

ApEc 3810, Principles of Farm Management: F90, F91, F93, F94, F95, F96, S98, S99

AgEc 3850, Farm Business and Enterprise Analysis: W86, S87, S88, S89, S90

AgEc 3860, Farm Operations Management: S91, S92

AgEc 5840, Management of the Farm Business: S87, S88, S89, S90

At the University of California-Davis (& quarters taught):

AE 140, Farm Management: S81, S82

AE 180/198, Senior Production Economics: W83, F83, S85  
(Team taught with Quirino Paris)

## UNDERGRADUATE STUDENT ADVISING

2001-2002 Major Coordinator for Applied Economics, College of Agricultural, Food and Environmental Sciences, University of Minnesota.

1993-1997 Major Coordinator for Applied Economics, College of Agricultural, Food and Environmental Sciences, University of Minnesota.

1996-1997 mentor to Jamie Bailey, President's Distinguished Faculty Mentor Program

1985-present advisor to undergraduate students in Applied Economics; Agricultural and Food Business Management, and Agricultural Industries Marketing  
Over 300 official advisees plus many more advised in my role as coordinator of the Applied Economics major.

## GRADUATE STUDENT ADVISING

### Ph.D. Students

John Westra, graduated 2001, "An Enviro-Economic Analysis of Instruments Targeting Nonpoint Phosphorus Pollution," major advisor

Kassahun Abebe, 1989, "Factors Affecting the Demand for Farm Inputs in U.S. Agriculture," co-advisor with Dale Dahl.

## **Masters Students**

Michele Menken, current student, organic farming

Paul Mahoney, graduated 2001, “Risks and Returns of Organic Farming”

Lyubov Babetskaya, graduated 2000, “Risk Rating and Credit Scoring”

Wonho Chung, graduated 1997, “The Emerging Factors Affecting the Demand for Fertilizer and Farm Machinery in U.S.: An Empirical Analysis”

Dary Talley, graduated 1997, “A Comparison of Land Quality to Cash Rents in Cottonwood and Redwood Counties of Southwestern Minnesota”

William Chambers, graduated 1995, “Farm Networks in the Minnesota Swine Industry: An Empirical Analysis”

Shoaib Tayyab, graduated 1992, “Factors Affecting the Demand for Farm Chemicals in U.S. Agriculture”

Even Bjørnstad, graduated 1991, “Potential Effects of bST Use on the Minnesota Dairy Industry”

Jorunn Grande, graduated 1991, “Changes in the Consumption of Livestock Products: Trends, Influential Factors and Future Projections”

Lafayette Duarte, graduated 1990, “Evaluation of the Agricultural Financial Analysis Expert Systems”

## **SERVICE ON GRADUATE COMMITTEES**

### **Ph.D. Students within the Department of Applied Economics**

Linh Vu, Ph.D., graduated 2009

Jose Ramirez-Rocha, Ph.D., graduated 2008, “Compliance with Bt Technical Requirements: The 2002 Minnesota and Wisconsin Farm Polls”

Kikuo (Rocky) Oishi, Ph.D., graduated 2006, “Adjusting Site-Specific Fertilizer Application to Temporal Variation Improving Precision Agriculture Practices”

Doyle Kalumbi, Ph.D., graduated 2003, precision agriculture

Julius Mangisoni, Ph.D., graduated 1999, “On Land Degradation, Profitability and Diffusion of Erosion-Control Technologies in Malawi”

Dick Sserunkuuma, Ph.D., chair, reader, graduated 1998, “Privatization of Property Rights and Rangeland Resource Use: An Empirical Assessment of Private Farms in Nyabushozi County, Western Uganda”

Laura McCann, Ph.D., reader, graduated 1997, “Evaluating Transaction Costs of Alternative Policies to Reduce Agricultural Phosphorus Pollution in the Minnesota River”

John Sjaastad, Ph.D., chair, reader, graduated 1997, “A Theoretical and Empirical Investigation of Farm Level Specialization”

Gabriel Toichoa Buaha, Ph.D. candidate, 1997, reader, “Adoption and Value of Emerging Biotechnologies in Agriculture: The Case of Bt Corn”

Odili Onianwa, Ph.D., graduated 1992, “Taxing Nitrogen Fertilizer: Potential Effects on Corn Production”

### **Masters Students within the Department of Applied Economics**

Jon Lundberg , MS, 2012, “Electricity Subsidies and the Income of Subsistence Farmers in Tamil Nadu India.”

Angela Peterson, MS, graduated 2006, “An Analysis of the Price Elasticities of Demand for Regular, Midgrade and Premium Gasoline in Minnesota”

Heman Lohano, MS, graduated 1997, “The Cost-Size Relationship for Corn and Soybeans in Minnesota”

### **Other Departments**

Wade Kent, Dept. of Agronomy and Plant Genetics, University of Minnesota, PhD, current student

Johan Bremer, Wageningen University, The Netherlands, PhD, graduated 2004

Daniel Lunneryd, Dept. of Economics, Swedish University of Agricultural Sciences, Uppsala, Sweden, PhD, graduated 2003

Michal Lunak, Animal Science, MS, graduated 1995

Svante Brunåker, Dept. of Economics, Swedish University of Agricultural Sciences, Uppsala, Sweden, Licentiat, graduated 1993

## SERVICE

### Department Service

Program Priorities Committee, member, 2014-2015  
Awards Committee, member, 2014-2015  
Promotion and Tenure Committee, member, 2012-2014, chair 2012-13  
Communications Committee, member, 2012-2014  
Search committee, Agribusiness management and information systems, Koller chair, 2009 – 2010, chair.  
Outreach Committee, member, 2002-2011, chair 2006-07  
Publications / Web Policy Committee, 2010-2011, chair 2010-2011  
Seminar Committee, 2008-2009, chair 2008-2009  
CSREES Review Committee, 2007-2008  
Program Priorities Committee, 2006-2008, chair 2007-08  
Promotion & Tenure Committee (elected), 2004-2006; chair, 2005-06  
Applied Economics Department Head Search Committee, 2003-2004  
Computer Services Committee, 2003-2004  
Awards Committee, Chair, 2000-2003  
Search Committee, Regional Extension Educator, Farm Management; Co-Chair, 2002  
Major Coordinator for Applied Economics, 2001-2002  
Library Committee, 2001-2002  
Secretary Search Committee, member, 1999  
Search Committee, Assistant Professor, Farm Management; Chair, 1998-1999  
Program Priorities Committee, Chair, 1997-2000  
Awards Committee, member, 1998-1999; chair of subcommittee for Ph.D. dissertations, 1998-99  
Undergraduate Committee, 1993-1997  
Major Coordinator for Applied Economics, 1993-1997  
Promotion and Tenure Committee (elected), 1994-1996  
Program Priorities Committee, 1993-1994  
Extension Committee for Management and Marketing Programs, 1993-1996  
Publications Committee, 1990-1991  
Seminar Committee, 1989-1992; chair, 1991-92  
Search Committee, Computer Services Coordinator, 1989  
Computer Services Committee, chair, 1988-1989  
Social and Special Events Committee, 1987-1989  
Editor, Minnesota Agricultural Economist, 1986-1988  
Publications Committee, 1985-1988; chair 1986-1988  
Ph.D. Prelim Committee, 1986-87; chair, spring 1987  
Co-Chair of Farm Management and Marketing Major Program Committee for Minnesota Extension Service, 1987-1988  
Two search committees, Center for Farm and Financial Management, 1986  
Coordination committee for Farm Management and Marketing Extension, 1986-1988

## **University of Minnesota Extension Service**

Advisory Committee, Extension Center for Food, Agriculture, and Natural Resource Sciences, 2012-present

Program Leader (PL) for Agricultural Business Management (ABM), University of Minnesota Extension, 2003-2011

Leadership group for Extension Center for Food, Agricultural, and Natural Resource Sciences (EFANS) capacity area as Program Leader (PL) for Agricultural Business Management (ABM) group within University of Minnesota Extension, 2003-2011.

Promotion Review Committee, EFANS, Chair, 2010-11 (and previously chair for AFE, 2006-2009)  
Income Use Principles committee, co-chair, 2010

## **College Service**

Review committee for International Learning Grants (ILG) for CFANS students traveling on international study trips and classes. Committee member, 2006-2011.

Search Committee for Director of Finance and Planning, Minnesota Extension Service, 2004-2005

Search Committee for Assistant Dean for Administration and Assistant Director of Minnesota Experiment Station, member 2004

Faculty Consultative Committee, 2002-2004, Chair, 2003-2004

High School Counselors Conference, 2002

Community College Counselors Conference, 2002

Implementation Committee, Enhancing Agricultural Production Systems priority theme, member, 2000-2002

Search Committee for Associate Dean for Academic Programs, member, 2000-2001

Center Review Team, member, 2000

Agricultural Production Systems Prioritization Committee, member, 2000-2001

Precision Agriculture Interdisciplinary Group, member, 1997-2001

Corn (Producers) Liaison Committee, member, 1997-1999

Greenhouse Oversight Committee, member, 1997-98

COAFES Student Board, 1996-1997

Water Resources Education Coordinator Search Committee, Minnesota Extension Service, 1996  
Campus Preview Days, 1995

Minnesota River Basin Taskforce, 1994-1996

Curriculum Committee, member, 1993-1997

Subcommittee for Council for Liberal Education requirements, Curriculum Committee, member, 1993-1994

Koch Farm Committee, member, College of Agriculture, 1988-1996

Nominating Committee for Board of Directors for Minnesota Institute of Sustainable Agriculture, member, College of Agriculture, 1991-92

Joint Steering Committee for Sustainable Agriculture, member, College of Agriculture, 1989-1992

Committee to establish minor in sustainable agriculture, member, College of Agriculture, 1989-1990

Sustainable Agriculture Working Group, member, College of Agriculture, 1988-1992

Crop-Based Systems Major Program Committee, member, Minnesota Extension, 1987-1992

Farm Management and Marketing Major Program Committee, co-chair, Minnesota Extension, 1987-1988

Profitability in Agriculture Issue-Based Program Committee, member, Minnesota Extension Service, 1987-1988

Project Sunrise Seminar, lecturer, College of Agriculture, "Group Learning in the Classroom," 1987

### **University of Minnesota Service**

Adviser, Farm House fraternity, 2009-2011

Senator, University Senate, 2006-2009

Selection Committee, John Tate Awards for Excellence in Undergraduate Advising, member, 2007-09

Senator, University Senate, 2002-2005

Selection Committee, John Tate Awards for Excellence in Undergraduate Advising, member, 2000-02

### **Editorial Service**

International Journal of Agricultural Management, editorial board, 2011-present

Associate Editor, Agronomy Journal, 2008-2011

AAEA Outreach Advisory Board, Choices, 2008-2011

Choices, guest editor, 2010-11

Outside reviewer, Promotion process, Rutgers University, 2010

### **Community Service (related to my professional career)**

Iringa Hope, Vice-President, 2013-present, Director, 2011-present. Iringa Hope is a 501(c)(3) non-profit organization developing microfinance organizations in Tanzania.

Payment for Pounds Project Team, Minnesota Pollution Control Agency, member, 1997-2000

Crop Insurance Work Group for Senator Rod Grams, 1998-1999

Technical Review Committee, member, Minnesota Farm Financial Survey of the Minnesota Department of Agriculture, 1990-1992

## **PROFESSIONAL AFFILIATIONS**

American Agricultural Economics Association

Western Agricultural Economics Association

Southern Agricultural Economics Association

European Association of Agricultural Economists

International Association of Agricultural Economists

The Center for the Food Industry, University of Minnesota

Center for International Food and Agricultural Policy, University of Minnesota

Minnesota Economic Association

Minnesota Farm Managers and Rural Appraisers



## PROFESSIONAL ACTIVITIES

Outreach Advisory Board, AAEA, Choices, 2008 to 2011  
Choices, guest editor, 2010  
Outreach Committee, AAEA, 2008-2011  
Associate Editor, Agronomy Journal, 2008-2011  
Membership committee, American Association of Agricultural Economics, 1995-1997.  
NC-181 Committee, secretary, "Determinants of Farm Size and Structure," 1989-1991.  
Center for International Food and Agricultural Policy, faculty affiliate,  
University of Minnesota, 1988- present.  
Regional Survey of Farm Operator and Spouses, collaborator, NC-184 Committee, "Rural  
Development Strategies to Mediate Farm Crisis Impacts on Families and Communities,"  
1988-1992.  
Selected Paper Session, chair, summer meeting of the Western Agricultural  
Economics Association, 1988.  
Selected Papers Committee, topic leader, Annual meeting of American Agricultural  
Economics Association, 1988.  
Joint meetings of the Western Extension Committees, Planning committee and local  
coordinator, California, 1985.  
Western Farm Management Extension Committee, Secretary, 1981; Vice-chair, 1982; Chair, 1983.

Referee for these professional journals: Agricultural Economics, Agricultural Systems,  
Agronomy Journal, American Journal of Agricultural Economics, American Journal of  
Alternative Agriculture, Canadian Journal of Agricultural Economics, Choices,  
Environmental Science and Policy, European, Review of Agricultural Economics,  
International Food and Agribusiness Management Review, International Journal of  
Agricultural Management, Journal of Agricultural and Applied Economics, Journal of  
Production Agriculture, Journal of Soil and Water Conservation, North Central Journal of  
Agricultural Economics, Southern Journal of Agricultural Economics, Review of  
Agricultural Economics, Western Journal of Agricultural Economics

## PUBLICATIONS

### Books

- Olson, Kent D. 2011. *Economics of Farm Management in a Global Setting*. Hoboken, New Jersey, USA: John Wiley & Sons, Inc., 542 p.
- Canavari M., and Olson KD, eds. 2007. *Organic Farming: Consumers Choices, Farmers Opportunities*, Springer Press.
- Olson, Kent D. 2004. *Farm Management: Principles and Strategy*. Ames, Iowa: Iowa State Press (Blackwell Publishing), 429 p.
- Olson, K. D. *The Account Book for Farm and Ranch Management*, 7th ed., Edina, Minnesota: Burgess International Group, 1988.

### Refereed Journal Articles

- Malima, Gabriel, Roger Blomquist, Kent Olson, and Mike Schmitt. 2014. The companion village project: An extension education tool for improving crop production. *Journal of International Agricultural and Extension Education*, 21(1):19-32. DOI: 10.5191/jiaee.2014.20102.
- Olson, K. 2013. Trends, issues, threats, and opportunities affecting farmers. *Agrekon*, 52(4): 148-168 , DOI: 10.1080/03031853.2013.847040.
- Olson, Kent, and Mike Boehlje. 2011. "Theme Overview: Fundamental Forces Affecting Agribusiness Industries, part II," in *Choices*, v. 26, no. 1, 1st Quarter 2011. (Internet Resource) Available on the Choices website at <http://www.choicesmagazine.org/magazine/article.php?article=168>.
- Olson, Kent, and Jeff Coulter. 2011. "Switch from corn to soybeans? Not so fast!" Available in (1) *Minnesota Crop News* (Internet Resource) <http://blog.lib.umn.edu/efans/cropnews/2011/05/switch-from-corn-to-soybeans-n.html> and (2) *Agricultural Business Management News* (Internet Resource) <http://blog.lib.umn.edu/efans/abmnews/>.
- Olson, K., and M. Boehlje. 2010. "Theme Overview: Fundamental Forces Affecting Agribusiness Industries," in *Choices*, v. 25, no. 4, 4th Quarter 2010. (Internet Resource) Available on the Choices website at <http://www.choicesmagazine.org/magazine/article.php?article=150>.

- Olson, K., M. Rahm, and M. Swanson. 2010. "Market Forces and Changes in the Plant Input Supply Industry," in *Choices*, v. 25, no. 4, 4th Quarter 2010. (Internet Resource) Available on the Choices website at <http://www.choicesmagazine.org/magazine/article.php?article=151>.
- Carroll, M.W., E.B. Radcliffe, I.V. MacRae, D.W. Ragsdale, K.D. Olson, and T. Badibanga. 2009. Border Treatment to Reduce Insecticide Use in Seed Potato Production: Biological, Economic, and Managerial Analysis. *American J. Potato Research* 86(2009):31-37.
- Olson, K., and L. Vu. 2009. Economic efficiency in farm households: trends, explanatory factors, and estimation methods. *Agricultural Economics*, 40(2009):587-599.
- Hachfeld, G.A., D.B. Bau, C.R. Holcomb, J.N. Kurtz, J.W. Craig, and K.D. Olson. 2009. Farm transition and estate planning: Farmers' evaluations and behavioral changes due to attending workshops. *Journal of Extension*, 47(April 2009), available at <http://www.joe.org/joe/2009april/a8.php>
- Lagerkvist, C.J., Larsen, K., and Olson, K.D. 2007. Off-Farm Income and Farm Capital Accumulation: A Farm-Level Analysis. *Agricultural Finance Review*, 67:241-257.
- Olson, K. D., Skuza, J. A., Blinn, C. R. 2007. Extension Educators' Views of Scholarship and Performance Evaluation Criteria. *Journal of Extension* [On-line], 45(4) Article 4RIB1. Available at: <http://www.joe.org/joe/2007august/rb1.shtml>.
- Mahoney, P.R., K.D. Olson, P.M. Porter, D.R. Huggins, C.A. Perillo, and R.K. Crookston. Profitability of organic cropping systems in Southwestern Minnesota. *Renewable Agriculture and Food Systems*, 19(1):35-46, 2004.
- Bremmer, J., A.G.J.M. Oude Lansink, K.D.Olson, W.H.M. Baltussen, and R.B.M. Huirne. Analysis of Farm Development in Dutch Arable Farming and Horticulture. *Empirical Economic Letters*, accepted for publication, 2004.
- Westra, J.V., K.W. Easter, and K.D. Olson. Targeting Nonpoint Source Pollution Control: Phosphorus in the Minnesota River Basin. *Journal of the American Water Resources Association*. Vol. 38, No. 2, p.493-505, April 2002.
- Olson, Kent. Northland foods: Planning the end. *International Food and Agribusiness Management Review*, Vol 3 (2000), No. 4, p, 423-432, 2002.
- Olson, Kent. The Bread Shop. *International Food and Agribusiness Management Review*, Vol 4 (2001), p. 303-307, 2001.

- Sserunkuuma, D., and K. Olson. Private Property Rights and Overgrazing: an Empirical Assessment of Pastoralists in Nyabushozi County, Western Uganda. *Economic Development and Cultural Change*, Vol. 49, No. 4, July 2001, pp. 769-792.
- Uhlin, H-E, and K.D. Olson. Agriculture as an almost-constant-cost industry: Evidence and implications. *Review of Agricultural Economics*, 21 (Fall/Winter 1999):409-423.
- Öhlmér, B., K. Olson, and B. Brehmer. Understanding farmers' decision making processes and improving managerial assistance. *Agricultural Economics*, 18(1998):273-290.
- Andersson, H., and K.D. Olson. On comparing farm record association members to the farm population. *Review of Agricultural Economics*, 18(May 1996):259-264.
- Olson, K.D. and V.R. Eidman. 1992. A Farmer's Choice of Weed Control Method and the Impacts of Policy and Risk. *Review of Agricultural Economics* 14:125-137.
- Olson, K.D., B.E. Lyman and V.R. Eidman. 1991. The Metz Farm. *Case Research Journal*, Summer:153-166.
- Olson, K.D., N.P. Martin, D.R. Hicks and M.A. Schmitt. 1991. Economic Analysis of Including an Annual Forage in a Corn-Soybean Farming System. *J. of Prod. Ag.* 4:599-606.
- Olson, Kent D. "Development of an Evaluation and Selection System for Farm Accounting Programs." *Computers and Electronics in Agriculture* 5(1990):119-133.
- McGrann, J.M., K.D. Olson, T.A. Powell, and T.R. Nelson. "Microcomputer Budget Management System." *Southern Journal of Agricultural Economics* 18(1986):151-156.
- Langely, James A., Earl O. Heady, and Kent D. Olson. "The Macro Implications of a Complete Transformation of U.S. Agricultural Production to Organic Farming Practices" *Agriculture, Ecosystems, and Environment* 10(1983):323-333.
- Olson, Kent D., James A. Langely, and Earl O. Heady. "Widespread Adoption of Organic Farming Practices: Estimated Impacts on U.S. Agriculture." *Journal of Soil and Water Conservation* 37(1982):41-45.

### **Chapters in Books**

- Canavari, Maurizio, and Kent Olson. 2007. Organic food: consumers' choices and farmers' opportunities: An introduction. In Canavari, M, and K Olson, eds., *Organic Food: Consumers' Choices and Farmers' Opportunities*, Springer Press.
- Canavari, M., Ghelfi, R., Olson, K., Rivaroli, S., 2007, A Comparative Profitability Analysis of Organic and Conventional Farms in Emilia-Romagna and in Minnesota. In Canavari, M., and

- Olson, K. D., eds. *Organic Food: Consumers' Choices and Farmers' Opportunities*, Springer Press.
- Mahoney, P.R., K.D. Olson, P.M. Porter, D.R. Huggins, C.A. Perillo, and R.K. Crookston. 2007. Profitability of organic cropping systems in Southwestern Minnesota. In Canavari, M., and Olson, K. D., eds. *Organic Food: Consumers' Choices and Farmers' Opportunities*, Springer Press. (Reprinted with permission from *Renewable Agriculture and Food Systems*, 19(1):35-46, 2004.)
- Olson, K.D. 2007. Current Issues in Organic Food: United States. In Canavari, M., and Olson, K. D., eds. *Organic Food: Consumers' Choices and Farmers' Opportunities*, Springer Press.
- Porter P, Allan D, Crookston K, Harbur M, Olson K, and Wyse D. 2006. Overview of the University of Minnesota Variable Input Crop Management Systems (VICMS) trials. In *Long-term Field Experiments in Organic Farming*, Raupp J., Pekrun C., Oltmanns M., and Köpke U. (eds.). Berlin: International Society of Organic Agriculture Research (ISFOAR), Scientific Series, p. 99-116.
- Eidman, V. and K.D. Olson. 2002. "Risk management: From the Researcher to the Farmer." In *Economic Studies on Food, Agriculture and the Environment*. Maurizio Canavari, Paolo Caggiati, and K. William Easter, eds., Kluwer Academic/Plenum Publishers, New York, p. 201-218.
- Beebe, J., J. Farrell, K. Olson, T. Kolodziej, and T. Adamczyk. "Management and transformation to a market economy: A rapid appraisal of state farms in the Koszalin Voivodship, Poland" published as Appendix B in Beebe, J. *Rapid Assessment Process: An Introduction*. Walnut Creek, CA: AltaMira Press, 2001, 199 p.
- Öhlmér B., B. Brehmer, and K. Olson. Decision making processes of Swedish farmers - Detection of problems. Chapter 14 in G. Antonides, W.F. van Raaij, and S. Maital, eds., *Advances in Economic Psychology*, Chichester: John Wiley & Sons, Ltd., pp. 255-266, 1997.
- Olson, K.D., and W.E. Saupe. 1995. Plans for Changing the Farm Business and Needs for Training. Chapter 5 in *Beyond the Amber Waves of Grain: An Examination of Social and Economic Restructuring in the Heartland*, P. Lasley, F.L. Leistritz, L. M. Lobao, and K. Meyer, Boulder: Westview Press, p. 87-106.
- Olson, K.D. and B.F. Stanton. 1993. Projections of Structural Change and the Future of American Agriculture. Chapter 22 in *Size, Structure, and the Changing Face of American Agriculture*, ed., A. Hallam, Boulder, CO: Westview Press, p. 587-627.
- Olson, K.D., E.O. Heady, C.C. Chen and A.D. Meister. 1992. "An Interregional Competition Quadratic Programming Analysis of Two Environmental Alternatives for U.S. Agriculture."

Chapter 9 in *Economic Models of Agricultural Land Conservation and Environmental Improvement*, eds., E.O. Heady and G. Vocke, Ames, IA," Iowa State University Press.

Moore, Charles V., Kent D. Olson, and Miquel Marino. 1985. On-Farm Economics of Reclaimed Wastewater Irrigation. Chapter 9 in *Irrigation with Reclaimed Municipal Wastewater: A Guidance Manual*, eds. G.S. Pettygrove and T. Asano, Chelsea, MI: Lewis Publishers, Inc.

Boggess, William G., Kent D. Olson, and Earl O. Heady. "Gain Isoquants and Production Functions for Swine." Chapter 11 in *Livestock Response Functions*, eds. E. O. Heady and S. Bhide. Ames, IA: Iowa State University Press, 1983.

### **Other Published Papers**

Olson, K., and P. Elisabeth. "An economic assessment of the whole-farm impact of precision agriculture," Proceedings of the 6<sup>th</sup> International Conference on Precision Agriculture, Minneapolis, Minnesota, 2002.

Olson, K.D. and J. Westra. "Nonfinancial factors and farm performance." *American Journal of Agricultural Economics*, 78(December, 1996): 1409.

Olson, Kent D. 1995. The future of rural America: Testing the market. *Word and World*, Vol. 15, No. 3, p. 355, 357.

George, Melvin R., Kent D. Olson, and John W. Menke. "Range Weather: A Comparison at Three California Range Research Stations." *California Agriculture* 42(1988):30-32.

Raguse, C.A., J.L. Hull, M.B. Jones, J.G. Morris, M.R. George, and K.D. Olson. "Range Fertilization in the Sierra Nevada Foothills." *California Agriculture* 38(1984):4-6.

Olson, Kent D., Ted Adams, and Al Murphy. "Evaluating the Profitability of Brush Management and Oak Tree Thinning for Range Improvement." *California Agriculture* 37(1983):6-7.

### **In-House Publications**

Olson, Kent. 2009. ACRE for 2009? We're on the fence in late July. University of Minnesota Extension. Available at [http://www.extension.umn.edu/agbusinessmanagement/components/pdfs/olson\\_acre\\_decision\\_july\\_2009.pdf](http://www.extension.umn.edu/agbusinessmanagement/components/pdfs/olson_acre_decision_july_2009.pdf)

Olson, Kent. 2009. Average Crop Revenue Election (ACRE) Program. St. Paul, MN: University of Minnesota Extension. Available at [http://www.extension.umn.edu/AgBusinessManagement/components/pdfs/olson\\_average\\_crop\\_revenue\\_election\\_um\\_factsheet\\_4.3.09.pdf](http://www.extension.umn.edu/AgBusinessManagement/components/pdfs/olson_average_crop_revenue_election_um_factsheet_4.3.09.pdf)

- Olson, Kent, and Lena Zakharova. 2008. Recent Changes in Crop Production Costs and Implications for Regional Competitiveness. Staff Paper P08-13, Department of Applied Economics, University of Minnesota.
- Olson, Kent; Badibanga, Thaddee; and DiFonzo, Christina. 2008. Farmers' Awareness and Use of IPM for Soybean Aphid Control: Report of Survey Results for the 2004, 2005, 2006, and 2007 Crop Years. Staff Paper P08-12, Department of Applied Economics, University of Minnesota.
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### **Conference Papers and Presentations**

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Olson, K. 2012. Trends, Issues, Threats, and Opportunities Affecting Farmers. Minnesota Agricultural and Rural Leadership (MARL) program, Willmar, Minnesota, November 14, 2012.

Olson, K. 2012. The U.S. Farm Bill: More Than Just the Farm, Minnesota Economic Association Annual Conference, Hamline University, October 26, 2012.

Olson, K. 2012. The Good, Bad, and Ugly: Helping Solve Hunger in the World. Life Enrichment Seminar, 7500 York Place, a Cooperative of Seniors, Minneapolis, October 11, 2012.

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- Olson K. "2008 cost and revenue estimates, crop choices, rent changes, lease considerations," Corn Economics Group, National Guard Armory, Mankato, MN, December 12, 2007.
- Olson K. "Understanding the Farm Bill: Impacts on Minnesota," panel participant, Minnesota Association of Soil and Water Conservation Districts (MASWCD), Mayo Civic Center, Rochester, MN, December 3, 2007.
- Olson K. and Matthew DalSanto. "Alternative Farm Bills: Impacts on Minnesota Farms." Economics Research Seminar, St. Olaf College, November 12, 2007.
- Olson K. "Farm Bill Prospects," Golden Kiwanis, Roseville, October 30, 2007.
- Olson K. "Farm Bill Prospects," UM Retirees Group, St. Paul, October 22, 2007.
- Olson K. "Farm program update," Fall Management Seminar, Minnesota Chapter of the American Society of Farm Managers and Rural Appraisers, New Ulm, September 14, 2007.
- Olson K. "Lease arrangements-flexible leases," Fall Management Seminar, Minnesota Chapter-ASFMRA, New Ulm, September 14, 2007.
- Olson K. "The need for budgeting with a changing agricultural economy," Fall Management Seminar, Minnesota Chapter-ASFMRA, New Ulm, September 14, 2007.
- Olson K. "Farm Bill," University of Minnesota stage at the Minnesota State Fair, Aug 28, 2007.

- Olson K. "Crop costs and returns in a high yield strategy versus common practices," 24th Annual Ag. Lenders Day Conference, Southwest Research and Outreach Center, Lamberton, Minnesota, August 14, 2007.
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- Olson K. "Choosing Profitable Crops," USDA FSA's Minority Farmers and Stakeholders Conference, St. Paul, Minnesota; April 6, 2007.
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Olson, Kent D. "Crop Insurance for Dry Beans." Dry Bean Growers meeting, Visalia, California, 1985.

Olson, Kent D. "Evaluating Records, Utilizing Them, and Projecting Financial Condition." "Surviving the 80s: Farm Records for Management, Loans, and Survival." Tulare County Management Series, Visalia, California, November, 1984.

Olson, Kent D. "Using SuperCalc (and other spreadsheets) for Farm and Ranch Management." "Surviving the 80s: Farm Records for Management, Loans, and Survival." Tulare County Management Series, Visalia, California, November, 1984.

Olson, Kent D. "Making Risky Decisions." "Farm Management in the 1980s" seminar, Davis, California, November, 1984.



- Olson, Kent D. "Economic Analysis of Machinery Choices: New or Used? Red or Green? Own or Lease?" Farm Advisor training, Fresno, Stockton, Yuba City, and Santa Cruz, California, 1984.
- Olson, Kent D. "Improving Fertilizer Recommendations." Farm Advisor training, Fresno, Stockton, Yuba City, and Santa Cruz, California, 1984.
- Olson, Kent D. "Multi-Peril Crop Insurance." Farm Advisor training, Fresno, Stockton, Yuba City, and Santa Cruz, California, 1984.
- Olson, Kent D. "Economics of Growing 30 Inch Cotton." Madera and Merced Counties cotton production meetings, Chowchilla and Dos Palos, California, February 29, 1984.
- Olson, Kent D. "Orchard Removal - Economic Consideration for Orchard Replacement." "Southern San Joaquin Valley Almond Institute," Bakersfield, California, February, 1984.
- Olson, Kent D. "Economics of Risk Reduction." Proceedings: 1984 California Plant and Soil Conference: Improving Efficiencies in Crop Production Systems, California Chapter, American Society of Agronomy, Sacramento, California, February 1984.
- Olson, Kent D. "How to Decide Your Best Option and Best Crop." "Field Crops-Farm Program-Economics" meeting, Tulare, California, December, 1983.
- Olson, Kent D. "Linear Programming for Resource Allocation," Management in the 1980s" seminar, Davis, California, October, 1983.
- Olson, Kent D. "After-Tax Cash Costs for Investment Decisions." "Crisis Management for Ranchers," Ukiah, California, July, 1983.
- Olson, Kent D. "Cash Flow Statements for Ranch Management." "Crisis Management for Ranchers," Ukiah, California, July, 1983.
- Olson, Kent D. "Management and Economics." Livestock Advisors Training Conference, Red Bluff, 1983.
- Olson, Kent D. "Analysis and Use of Enterprise Budgets." Livestock Advisors Training Conference, Red Bluff, 1983.
- Olson, Kent D. "Profitable Decisions for the Farm and Ranch." Livestock Advisors Training Conference, Red Bluff, 1983.
- Olson, Kent D. "Investment Criteria." Livestock Advisors Training Conference, Red Bluff, 1983.

- Olson, Kent D. "The Manager's Role." Farm Advisor training, Riverside, California, 1983.
- Olson, Kent D. "Machinery and Asset Management." Farm Advisor training, Riverside, California, 1983.
- Olson, Kent D. "Benefits and Costs of Narrow Row Cotton." "Narrow-Row Cotton Seminar," West-Side Field Station, California, March 17, 1983.
- Olson, Kent D. "Payment-in-Kind Strategies." Annual Rice Grower Meeting, Biggs, California, February, 1983.
- Olson, Kent D. "Approaches to Decision Making." Livestock Advisors training meetings, January, 1983.
- Olson, Kent D. "Prices and Costs for LP Models." Livestock Advisors training meetings, January, 1983.
- Olson, Kent D. "Using Linear Programming and Other Optimizing Techniques on Livestock Problems." Livestock Advisors training meetings, January, 1983.
- Olson, Kent D. "Costs of Growing Christmas Trees." Annual Meeting of California Christmas Tree Growers, Sacramento, January, 1983.
- Olson, Kent D. "After-Tax Cash Costs for Investment Decisions." Vegetable Advisor training meeting, Kearney Field Station, California, 1982.
- Olson, Kent D. "Economics of Risk Reduction." Farm Advisor training, several sites, California, 1982.
- Langely, James A., Earl O. Heady, and Kent D. Olson. "The Macro Implications of a Complete Transformation of U.S. Agricultural Production to Organic Farming Practices." CARD Paper Series 82-9, Fourth International Conference on Resource-Conserving, Environmentally Sound Agricultural Alternatives, Cambridge: Massachusetts Institute of Technology, 1982.
- Langely, James A., Earl O. Heady, and Kent D. Olson. "Potential Fish and Wildlife Biological Implications of Organic Farming Practices." Proceedings: Midwest Agricultural Interfaces with Fish and Wildlife Resources Workshop, Iowa State University, 1982.
- Olson, Kent D. "How to Analyze Range Improvements Using the Equivalent Annuity Method." Farm Advisor training, McArthur, California, 1982.
- Olson, Kent D. "Using a Decision Tree." Farm Advisor training, McArthur, California, 1982.

- Olson, Kent D. "Factors Affecting Farmer Decisions in the Selection of Crops." Fruit and Vegetable Processor Field Representative Conference, March 16, 1982.
- Olson, Kent D. "Can You Afford a New Tractor?" Farmers' luncheon, Blythe, California, 1982.
- Olson, Kent D. "Livestock Operation Costs: Cow-Calf-Sheep." Annual Fall meeting of the Society for Range Management: California Section, Bishop, November, 1981.
- Olson, Kent D. "Investment." Farm Management Workshop for Small-Farm Advisors, Bakersfield, California, March 17, 1981.
- Olson, Kent D. "Economic Prospects for Corn in 1981." Field Corn Production Meeting, Colusa, California, March 10, 1981.
- Olson, Kent D. "Decision Making Under Risk and Uncertainty." Farm Management Workshop for Small-Farm Advisors, Bakersfield, California, March 4, 1981.
- Olson, Kent D. "Factors to Consider in the Selection of Alternative Crops." Production Economics and Marketing meeting, Bieber, California, February 20, 1981.
- Olson, Kent D. "Analysis and Use of Farm Budgets." Investing in Agricultural Land seminar, Davis, California, February 18, 1981.
- Olson, Kent D. "California Rice: Outlook for 1981." Rice industry meetings, Robbins, Biggs, and Yuba City, California, February 10, 11, and 12, 1981.
- Olson, Kent D., and Gordon A. Rowe. "Our Experience with Choosing and Using Microcomputers in California." Presented symposium paper, 1981 Annual Meeting, Western Agricultural Economic Association, Lincoln, Nebraska, 1981.
- Olson, Kent D., Earl O. Heady, Carl C. Chen, and Anton D. Meister. "A Quadratic Programming Analysis of Two Environmental Alternatives in Agriculture." In Proceedings of the First International Conference on Mathematical Modeling, Vol. V, pp. 2377-2386. Xavier J. R. Avula, ed., Department of Extension and Continuing Education, University of Missouri, Rolla, 1977.

## Reviews

- Olson, Kent D. Book review of Food for Tomorrow? by C. Dean Freudenberger; Minneapolis: Augsburg Publishing Co., 173 pp., in Word and World 5(1985):438-439.

## GRANTS

Total Received to date: \$1,030,396

Competitiveness in the face of Uncertain Policies and Markets,"2006-2008, a cooperative agreement with ERS. \$20,000

"Wheat Rotation Economics," 2007-2009, funded to the Minnesota Wheat Research and Promotion Council. Co-investigators are Bill Craig and Jochum Wiersma, UM Crookston. \$10,400.

"Impacts of Changes in Federal Farm Policy on Farms and Rural Communities," 2006. College of Agriculture, Food, Environmental Sciences' Rapid Agricultural Response Fund (RARF). \$40,500.

"Meteorological-based forecasts and targeted insecticide application to improve control of green peach aphid." 2006. Regional IPM Competitive Grants Program-North Central Region with Ian MacRae Edward Radcliffe and David Ragsdale from Entomology and myself. My share of the budget is \$11,102.

AGR-Lite Training for Minnesota Farmers. 2005. North Central Risk Management Agency, USDA. \$10,000.

Farm Transfer and Estate Planning for Minnesota Farm Families. 2005. North Central Risk Management Education (NCRME) Center. \$27,800.

Soybean aphid in the North Central US: Implementing IPM at the Landscape Scale. 2005. CSREES, USDA, RAMP. This is a multi-state, interdisciplinary team. The total project was \$2,353,155 over 4 years and several states and departments. My actual funded amount (including indirect costs) totals \$74,944 over 4 years.

Reassessment of Crop Borders for Management of Potato virus Y in Seed Potatoes, 2005. Regional Integrated Pest Management, Competitive Grants Program, North Central Region, my portion was \$13,016.

Biology, Risk Assessment and Management of the Soybean Aphid. 2004. COAFES' RARF program. My share was \$11,411.

Estimation of Representative Corn and Soybean Budgets. 2004. A sub-award from the University of California under an USDA\_RMA Partnership Agreement. \$20,000.

"Reducing organophosphate use in potato production," 2003. Food Quality Protection Act (FQPA, U.S. EPA) and American Farmland Trust, my portion of the grant was \$14, 633.

“Risk Management Education and Farm Management Development Program for Hmong Specialty Crop Farmers in the Minneapolis and St. Paul Metro Area,” 2003. USDA, Risk Management Agency, \$4,140.

“Biology, Risk Assessment and Management of the Soybean Aphid,” Rapid Agricultural Response Fund, University of Minnesota, \$15,246, 2002-2003.

“Adaptation and Enhancement of Teaching Materials and Aids for Farm Management,” TEL Grant, UM, \$10,000, 2000-2001.

“A Consortium for Site Specific Resource Management.” Funded by the USDA in 1999 from the Fund for Rural America. Pierre Robert, University of Minnesota, is the lead Principal Investigator. My share is a 50% RA: \$19,500.

"Targeting Decisions to Reduce Risk in Agricultural Watersheds: Effective Nutrient Management Through Local Implementation" with D. Mulla, J. Perry, W. Easter, L. Busman, P. Brezonik funded in 1999 by the EPA-NSF-USDA joint STAR program for three years at \$698,844. My direct share is a 50% RA shared with W. Easter: \$58,400 over the three years.

The Economics of Organic Farming: Transition Costs of Organic Systems in Minnesota.” ERS, USDA. \$15,000. Funded in September, 1998.

Economic Evaluation of Incentive-Based Pollutant Reduction Payments. Submitted to the Minnesota Pollution Control Agency. \$20,000. Funded in February, 1998.

Integrating Modeling and Management of Agriculturally-Impacted Watersheds: Issues of Spatial and Temporal Scale. Submitted to the National Science Foundation and U.S. Environmental Protection Agency by co-Principal Investigators: P.L. Brezonik, J.A. Perry, D. Mulla, and K.W. Easter. I was one of 10 other faculty investigators. Funded at \$813,085 over 3 years. One of my graduate students was supported for 6 months, receiving approximately \$6,690.

Center for Urban and Rural Affairs. Conversion of old data formats to a common new format for the 1987-1995 farm records. \$3,000. 1996.

Farmers’ Decisions Regarding Management and Technology Choices. Submitted by Kent Olson to the Metropolitan Council. Funded in February, 1996, at \$55,344.

Bush Faculty Development Program for Excellence and Diversity in Teaching, 1995-96, \$300.

Minnesota River Basin Agricultural Research Base Studies. Funded in January, 1995, by the Minnesota Department of Agriculture. Jim Anderson (Soils, PI), H.H. Cheng, J. Moncrief, K.Olson, R. Hamer, L. Busman, and S. Gupta. I am leader of the third

objective: "Develop a research plan for farming practices or systems in areas of the Basin that are not addressed with the current body of knowledge." (\$5,000 for my work with the third objective.)

Strip cropping systems to reduce energy inputs and optimize profitability. 1993. Parker Sanders Fund, College of Agriculture. Submitted by Gyles Randall (PI), Orvin Burnside, Kent Olson, Michael Russelle, Ward Stienstra, and David Walgenbach. \$15,350.

"Strategic Decision Processes on Swedish Farms," 1992-1993, The Swedish Institute, Royal Swedish Academy of Agriculture, Swedish University of Agricultural Sciences, 228,000 SEK which converted to \$42,222 at the then current exchange rates.

"The Benefits of Integrated Pest Management," 1991, Minnesota Department of Agriculture, \$10,000.

"Case Analysis of Sustainable Agriculture," 1991, Minnesota Department of Agriculture, \$4,955.

"Structural Changes and the Future of the Livestock Industry in Minnesota," 1990, Northwest Area Foundation, \$55,190.

"On-Farm Evaluation of Sustainable Agriculture," 1989-1991, Greater Minnesota Corporation's Agricultural Energy Savings Program granted to the Southwestern Minnesota Farm Business Management Association, \$63,320.

Regional Survey of Farm Operators and Spouses, 1989, NC-184 committee, "Rural Development Strategies to Mediate Farm Crisis Impacts on Families and Communities," \$3,264.

"Case Studies in Farm Management," 1988-89, Project Sunrise, College of Agriculture, University of Minnesota, \$16,574.

"Debt and Asset Restructuring on Financially Stressed Farms," 1988-1989, cooperative agreement with ERS, USDA, \$12,063.

"Family Farm Financial Returns by Farm Type and Size," 1988, Institute of Agriculture, Forestry, and Home Economics, University of Minnesota, \$900.

"An Integrated Model of Range Management under Uncertainty," 1987-1989, CSRS, United States Department of Agriculture, \$22,700.

"A Dynamic Study of Farm Financial Viability Indicators," 1986-1987, Grant-in-Aid, Graduate School, University of Minnesota, \$8,000.

Southeastern and Southwestern Farm Business Management Associations, Annual Reports, recovery of preparation costs (listed by year received): 1986, \$6300; 1987, \$7380; 1988, \$2416; 1989, \$2500; 1990, \$2610; 1991, \$2650; 1992, \$2,720; 1993, \$2,640; 1994, \$2,670; 1995, \$3990; 1996, \$5004; 1997, \$4752; 1998, \$4896; 1999, \$4860; 2000, \$5838; 2001, \$5670; 2002, \$5586; TOTAL = \$72,482.

"Weather and Range Interactions," 1984-1985, Giannini Foundation, University of California, \$23,950.

Microcomputer based budget generator. 1982-1984, Kellogg Foundation, submitted with Gordon Rowe, University of California-Berkeley, and James McGrann, Texas A&M University, estimated budget: \$213,000.