

Improving Data Collection and Reporting about Agriculture with Increasingly Complex Farm Business Structures

Committee

Catherine L. Kling

Chair

Catherine L. Kling (NAS) is Charles F. Curtiss distinguished professor of agriculture and life sciences and a professor of economics at Iowa State University (ISU). Kling has served as the director of ISU's Center for Agricultural and Rural Development (CARD) since July 2013, after having served many years as the division head of CARD's Resource and Environmental Policy Division. In her work at CARD, Kling is undertaking research to examine how agricultural practices affect water quality, wildlife, soil carbon content, and greenhouse gases. Kling was elected to the National Academy of Sciences in 2015. She currently serves on the NRC's Water Science and Technology Board and has been a member of several previous panels including the Panel to Review USDA's Agricultural Resource Management Survey. Kling holds a B.S. in business and economics from the University of Iowa and a Ph.D. in economics from the University of Maryland.

J. G. Arbuckle, Jr.

Member

J. Gordon Arbuckle, Jr. is an associate professor in the Department of Sociology at Iowa State University. His research and extension activities focus on improving the social and environmental performance of agriculture. He has published dozens of articles on climate change and agriculture, water quality, non-operator landownership, natural resource-based rural development, and agri-environmental policy and practice in general. He is co-director of the Iowa Farm and Rural Life Poll, a program that collects and disseminates information on issues of importance to agricultural stakeholders across Iowa and the Midwest. Arbuckle holds an M.S. in agricultural economics and a Ph.D. in rural sociology, both from the University of Missouri.

Norman M. Bradburn

Member

Norman M. Bradburn is the Tiffany and Margaret Blake distinguished service professor emeritus at the University of Chicago, where he also served on the faculties of the Department of Psychology, the Irving B. Harris Graduate School of Public Policy Studies, the Booth School of Business, and the College. He is a senior fellow at NORC at the University of Chicago. Bradburn previously served as assistant director for social, behavioral, and economic sciences at the National Science Foundation. His research focuses on psychological well-being and the assessment of quality of life using large-scale sample surveys. He is a past president of the American Association of Public Opinion Research. He has an M.A. degree in clinical psychology and a Ph.D. in social psychology, both from Harvard University.

Richard A. Dunn

Member

Richard Dunn is an assistant professor in the Department of Agricultural and Resource Economics at the University of Connecticut. He is also an affiliate of the Connecticut Center for Health Improvement and Policy and the Charles J. Zwick Center for Food and Resource Policy. Dunn's research agenda focuses on the use of federal administrative data to better measure the contribution of food and agriculture industries to the United States economy. Of particular concern is the effect of different reporting requirements across federal administrative and survey programs on estimates of industry size and establishment dynamics. He currently has a five-year Federal Statistical Research Data Center project related to these issues supported by USDA through a Hatch grant, a cooperative agreement with the Economic Research Service, and a four year National Institutes of Food and Agriculture AFRI grant. Dunn was previously an assistant professor in the Department of Agricultural Economics at Texas A&M University. He holds a B.A. in economics and mathematics from Williams College, an M.Sc. in econometrics and mathematical economics from the London School of Economics and Political Science, and a Ph.D. in Economics from the University of Wisconsin-Madison.

Allen M. Featherstone

Member

Allen Featherstone is a department head and professor in the Department of Agricultural Economics and director of the masters in agribusiness program at Kansas State University. As a leading agriculture finance scholar, he has studied land markets, investment decisions, mergers in the financial services industry, the probability of agricultural loan default and loan loss severity, the influence of taxes on farmland, and alternative federal tax systems. Featherstone worked to create the Comparative Food and Agriculture Systems course to give students first-hand knowledge of agriculture and cultural situations in other parts of the world. He is currently an executive director of the Agricultural & Applied Economics Association. Featherstone holds M.S. and Ph.D. degrees in agricultural economics, both from Purdue University.

Joseph W. Glauber

Member

Joseph Glauber is a senior research fellow at the International Food Policy Research Institute (IFPRI) in Washington, DC where his areas of interest are price volatility, global grain reserves, crop insurance and trade. Prior to joining IFPRI, Glauber spent over 30 years at the U.S. Department of Agriculture including as chief economist from 2008 to 2014. As chief economist, he was responsible for the Department's agricultural forecasts and projections, oversaw climate, energy and regulatory issues, and served as chairman of the board of directors of the Federal Crop Insurance Corporation. From 2007-2009, Glauber was the Special Doha Agricultural Envoy at the office of the U.S. Trade Representative where he served as chief agricultural negotiator in the Doha talks. He is an elected Fellow of the Agricultural and Applied Economics Association and holds a Ph.D. in agricultural economics from the University of Wisconsin in 1984 and holds an AB in anthropology from the University of Chicago.

Brent Hueth

Member

Brent Hueth is an associate professor in the Department of Agricultural and Applied Economics and director of the University of Wisconsin Center for Cooperatives at the University of Wisconsin-Madison. His research and teaching focus on agricultural firms and markets, cooperative enterprise, and economic development. Hueth has published in top economics journal (American Journal of Agricultural Economics, Journal of Regulatory Economics, etc.) and is a research fellow at the Institute for Exceptional Growth Companies. He also serves as executive director of the Census Bureau's Research Data Center at the University of Wisconsin—Madison. Hueth holds a Ph.D. in agricultural economics from the University of Maryland.

Ani L. Katchova

Member

Ani Katchova is Farm Income Enhancement Chair at The Ohio State University and associate professor in the Department of Agricultural, Environmental, and Development Economics. She chairs the Farm Income Enhancement Program, which is one of the largest programs in the department. Katchova's research areas include agricultural finance, cooperatives, agribusiness management and marketing, and applied econometrics. Her research has been published in the American Journal of Agricultural Economics and the Agricultural Finance Review, and Agribusiness. Katchova currently serves as an executive board director of the Agricultural & Applied Economics Association. She holds a Ph.D. from The Ohio State University.

Doris Mold

Member

Doris Mold is the president of Sunrise Agricultural Associates, LLC, an agricultural consulting firm, based out of Minnesota and Wisconsin, as well as president of American Agri-Women, the nation's largest coalition of women in agriculture. She also teaches classes on farm and agri-business management at the University of Minnesota for MAST International. Mold has recently served on the Expert Panel on Statistics for Women and Beginner Farmers for USDA, and served six years on the agricultural statistics advisory committee for NASS, chairing the committee for three years. Mold was recently appointed to the Commodity Futures Trading Commission Agricultural Advisory Committee. Previously, Mold worked as an agricultural economist at the University of Minnesota and continues to work on special research and education projects with the U of MN on a project basis. Mold maintains a unique position as a producer who uses NASS data and provides data to NASS, and as an economist who utilizes the data in research, teaching, business and in volunteer advocacy. Mold holds an MS degree in agricultural and applied economics from the University of Minnesota.

Jean Opsomer

Member

Jean Opsomer is a professor and department chair in the Department of Statistics at Colorado State University. His research focuses on survey statistics, nonparametric regression, and environmental statistics. Opsomer is the associate editor of the Journal of the Royal Statistical Society (Series B) and the Electronic Journal of Statistics and Survey Methodology. He sits on the Bureau of Labor Statistics technical advisory committee and previously served on the NRC's Panel to Review USDA's Agricultural Resource Management Survey. Opsomer is a Fellow of the Institute of Mathematical Statistics (IMS) and the American Statistical Association (ASA), and a member of the International Statistical Institute (ISI). He holds a Ph.D. in statistics from Cornell University.

Greg Peterson

Member

Greg Peterson is director general of the Agriculture, Energy, Environment and Transportation Statistics Branch at Statistics Canada. Since joining Statistics Canada in 1990, Peterson has worked in many areas, covering manufacturing, culture and tourism, and retail trade. Since 2011, he has directed the statistical program that measures science, technology and innovation, the digital economy, capital spending, as well as building permits and property values. Peterson also leads Canada's census of agriculture, a program that sends out and compiles data from 250,000 questionnaires every 5 years. Peterson holds a bachelor's degree in economics from Concordia University and a master's degree from Queen's University.

Krijn Poppe

Member

Krijn Poppe is a senior economist at Wageningen University & Research, as well as in a research manager at Wageningen Economic Research (known as LEI in Dutch). He supports, on a scientific base, decision makers in policy and business to understand and act upon trends in agriculture and food. Poppe also manages various research programmes for the European Union (EU) on the food industry, including the several studies for the Information and Communication Technologies campaign, and the Farm Accountancy Data Network (FADN). For several years he co-led the EU's Standing Committee on Agricultural Research's Strategic working group on Agricultural Knowledge and Innovation Systems. Recently the Dutch government appointed him as member of the Netherlands Council for the Environment and Infrastructure. Poppe is involved in managing the professional journals the European Review of Agricultural Economics and EuroChoices, and was for 12 years Secretary-General of the European Association of Agricultural Economists. From 2009-2011 Poppe was chief science officer of the former Dutch Ministry of Agriculture. He co-owns a small farm and is a board member of SKAL, the Dutch Inspection Organisation for Organic Farming. Poppe holds an M.Sc. in from economics from Erasmus University Rotterdam.

Daniel A. Sumner

Member

Daniel Sumner is the Frank H. Buck, Jr., professor in the Department of Agricultural and Resource Economics at the University of California, Davis and the director of the University of California, Agricultural Issues Center. He participates in research, teaching, and directs an outreach program related to public issues related to agriculture. Sumner has served as on the President's Council of Economic Advisers, is a former assistant secretary for economics at the United States Department of Agriculture, and former chair of the International Agricultural Trade Research Consortium, a consultant for farm organization, government agencies and firms and is a frequent speaker at national and international conferences and symposia. Sumner is a fellow of the American Agricultural Economics Association and holds Ph.D. in economics from the University of Chicago in 1978.

James Wagner

Member

James Wagner is a research associate professor at the Survey Research Center and research affiliate at the Population Studies Center, both at the Institute for Social Research, University of Michigan. He teaches in the Joint Program in Survey Methodology, and serves as principal investigator on several large studies. He is currently the chief mathematical statistician on the National Survey of Family Growth. His research interests include nonresponse error, quality indicators for survey data, and responsive or adaptive design. He also develops and implements responsive design plans for large surveys. He has an M.S. in political science, and a Ph.D. from the program in survey methodology, both from the University in Michigan.

Jeremy G. Weber

Member

Jeremy Weber is an assistant professor in Graduate School of Public and International Affairs at the University of Pittsburgh. He previously worked at the World Bank, USDA's Economic Research Service—where he produced numerous reports on farm income characteristics—and was an adjunct faculty member for the master's program in applied economics at Johns Hopkins University. Weber's current research focus on energy, natural resource, and agricultural economics; and he has published more than a dozen articles in journals such as Energy Economics, Resource and Energy Economics, World Development, Land Economics, and the American Journal of Agricultural Economics. Weber holds a Ph.D. in agricultural and applied economics from the University of Wisconsin--Madison.