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Charles B. Moss

Lifetime Achievement Award

Charles Moss grew up on a cattle and wheat farm in western Oklahoma. He received his BS in Agricultural Economics and Accounting from Oklahoma State University in 1982 and his MS in Agricultural Economics in 1984. He continued his studies in agricultural economics at Purdue University and received his PhD in 1987. He joined the faculty at the University of Florida's Food and Resource Economics Department in 1987 in a newly created research and teaching position in finance and policy analysis.

Dr. Moss has an impressive catalog of work that sheds light on pressing social problems. He works on one of the most pressing issues facing mankind: food security. A major impediment to food security is a financially stressed farm sector. His expertise in linking the macroeconomics of credit markets with the microeconomics of farm finance puts him in a select group of agricultural economists capable of measuring how periodic "credit crunches" and the farm sector's precarious reliance on debt capital contribute to financial stress and reduced food production. His additional expertise in agricultural policy puts him in a position to analyze the effectiveness of farm programs attempting to relieve financial stress in the farm sector. He is also an expert in the components of farmland valuation such as urban sprawl. In addition, he has applied his quantitative skills to problems including water resource management, timber resources, citrus crop decisions, coffee marketing in Mexico and Rwanda, trade issues in sugar, analysis of technology adoption including precision agriculture, invasive species, and agricultural productivity measures.

Professor Moss' research productivity is apparent in his publication record. He has produced more than 130 publications including more than 80 refereed journal articles, two books, six edited volumes, and 24 book chapters. His two recently completed books (*Risk, Uncertainty*



and the Agricultural Firm and Agricultural Policy) as well as his edited volumes and book chapters represent his willingness and ability to step back and interpret an accumulation of knowledge for the benefit of peers and students.

The quality of Dr. Moss' research has been recognized with some of the most prestigious awards in our profession. His article, "Urban Sprawl and Farmland Prices," was awarded the 2007 Quality of Research Discovery Award by the Agricultural and Applied Economics Association. His article, "Profit Patterns Across American Agriculture" was awarded the 2006 Outstanding Journal Article in the *Journal of Agricultural and Resource Economics*.

Dr. Moss has been a major player in the University of Florida's Food and Resource Economics Department's teaching program. He enjoys teaching and has had the opportunity to develop several courses, including graduate level courses in Agricultural Finance, Agricultural Risk Analysis and Decision Making, Static and Dynamic Optimization, Optimal

Control, Mathematical Programming, Production Economics, Statistics for Food and Resource Economics, and Econometric Methods. The graduate courses he teaches are an effective mix of theory and empirical computer-based applications and are formulated to engage students in a research program. Student evaluations are consistently high. He has also taught a distance class including students from the University of Georgia and Louisiana State University in his University of Florida course. He has served on numerous graduate student committees and chaired many PhD committees. As the department's graduate coordinator, Dr. Moss was essential in modernizing the doctoral program to enable students to receive the training in economic theory and quantitative methods required to do cutting-edge research and compete successfully for positions at institutions including

peer universities, government agencies, business, and nongovernmental organizations.

Dr. Moss has served generously in research-related capacities at the national, college, and departmental levels. At the national level, he has served as editor of the *Journal of Agricultural and Applied Economics* and on the editorial boards of several journals. At the departmental level, he has served as graduate coordinator and currently serves as the research coordinator. He has also served on the department's Annual Review and Mentoring committee. In this capacity, he mentors junior faculty on their progress to tenure and promotion. Professor Moss works actively to assist others in reaching their research potential as evidenced by an extensive and diverse list of publications coauthored with colleagues and graduate students.