

## PRESENTER BIOGRAPHIES

(in speaking order)

**Daniel A. Sumner** is the Frank H. Buck Jr. Distinguished Professor in the Department of Agricultural and Resource Economics, University of California, Davis. He is also the director of the University of California Giannini Foundations for Agricultural Economics. For many years he has taught “The Economics of Agricultural Sustainability” to a diverse group of undergraduates.

Sumner’s academic research, teaching and outreach have concentrated on challenges facing farms, agricultural industries, and consumers including such issues as projecting supply, demand and price for farm inputs and outputs, food demand tied to farm-based product attributes, and competition among firms, regions, and industries. Much of his research has focused on international trade and government subsidy and regulatory policy. His recent book with Robin Goldstein *Can Legal Weed Win? The Blunt Realities of Cannabis Economics* was published by the University of California Press in 2022.

Before returning to California in 1993, Sumner was a senior economist at President Reagan’s Council of Economic Advisers and was appointed by President George H.W. Bush and confirmed by the U.S. Senate as the Assistant Secretary for Economics at USDA. He led economics, statistics and forecasting work at USDA with oversight over more than 1,000 professional economists and statisticians. He was previously a professor of economics at North Carolina State University and a post-doc at RAND.

Sumner has won numerous publication awards for quality of research contributions, communications, policy contributions and is a fellow of the American Agricultural Economics Association. In 2022, he received the UC Davis College of Agricultural and Environmental Sciences Faculty Award of Distinction.

A native of Suisun Valley in Solano County California, Sumner grew up on a fruit farm and was active in 4-H and FFA. He holds a BS in agricultural management from California State Polytechnic University, San Luis Obispo, an MS in economics from Michigan State, and a Ph.D. in economics from the University of Chicago. For more information about Dr. Sumner, see his [web page](#).

**Diane Charlton** is Associate Professor in the Department of Agricultural Economics & Economics at Montana State University. Dr. Charlton holds a BA in Economics from the University of California at Berkeley and PhD in Agricultural and Resources Economics from the University of California at Davis.

Her research focuses on rural labor markets, immigration, guest worker programs, and technology adoption in agriculture. She has written extensively about seasonal agricultural labor, labor shortages, and the H-2a guest worker visa program. She has a forthcoming publication in the journal of Applied Economic Perspectives and Policy, entitled “The Farm Workforce Modernization Act and Warnings from Previous Immigration Reforms.”

For more information about Dr. Charlton, see her [web page](#).

**Marty Matlock:**

Dr. Marty Matlock is a Professor in the Biological and Agricultural Engineering Department. He served as Senior Advisor to Secretary of Agriculture Tom Vilsack at USDA from 2021-2022 focusing on food systems resiliency. Prior to that he was Executive Director of the University of Arkansas Resiliency Center which addresses food, water, and community resiliency in response to climate change. Matlock was appointed as a member of the National Academies of Science, Engineering and Medicine's Board of Agricultural and Natural Resources in 2021.

Matlock received his Ph.D. in Biosystems Engineering from Oklahoma State University, and is a registered professional engineer, a Board-Certified Environmental Engineer, and a Certified Ecosystem Designer. His research focuses on the impacts of humans on the environment, working at the watershed scale. He has developed indicators of nutrient enrichment in rivers and streams, an index for ecosystem services change, and sustainability metrics for water, land, energy, and climate change for agricultural systems. He is a global leader in crop and animal production modeling and life cycle assessment, focusing on greenhouse gas emissions. Matlock has advised more than 40 M.S. and a dozen Ph.D. students over the past 25 years. He has co-authored more than 80 peer reviewed manuscripts and five books. Matlock holds four U.S. patents and authored the ASABE/ANSI S629 Standard for Sustainable Agriculture.

Matlock is the recipient of the 2018 CAST-Borlaug Agriculture Communications Award, the American Ecological Engineering Society 2022 Odom Award for Ecosystem Design, and more than 30 national and international design awards. He is a member of the Cherokee Nation, where he served as Chairman of the Cherokee Nation Environmental Protection Commission for 16 years. He is a sustainability science advisor for three environmental conservation organizations and more than a dozen food and agricultural product companies.

For more information about Dr. Matlock, see his [web page](#).