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Dr. Thomas Foust is the Director of the National Renewable Energy Laboratory's National Bioenergy Center (NBC). Established in October 2000, the NBC has the mission to advance technology for producing renewable transportation fuels and high value products from biomass. The NBC collaborates with industrial, academic, and other national laboratories on research and development efforts to achieve this goal. The NBC is a world leading organization of approximately 200 engineering and scientific staff performing cutting edge work to develop cost effective, environmentally sustainable technology for producing transportation fuels and products from biomass by delivering innovative, cost-effective biofuels solutions.

Dr. Foust is an internationally recognized expert in the biofuels field. His areas of expertise include feedstock production, biomass conversion technologies to fuels and environmental and societal sustainability issues associated with biofuels. He has over 25 years of research and research management experience specializing in biomass feedstocks and conversion research. He has over 100 publications in the biomass field covering all aspects of biofuels technology.

Dr. Foust has a Ph.D. in Mechanical Engineering and a M.S. in Mechanical Engineering from the Johns Hopkins University, and a B.S. in Mechanical Engineering from the Pennsylvania State University. He is a licensed Professional Engineer.



James Koehler bio:

James Koehler serves as an adjunct faculty member at Georgetown University, where he teaches an upper-level energy course to students from both the School of Foreign Service (SFS) and McDonough School of Business (MSB).

Concurrently, Koehler serves as Vice-President of the US Association for Energy Economics, National Capital Area Chapter (USAEE-NCAC) - the DC area's preeminent forum for fostering and promoting an improved understanding of energy economics.

He is also co-director of the Energy Expert Group for the Truman National Security Project, a national-security focused think-tank.

Previously, he led the energy research practice at a boutique sell-side research firm servicing institutional investors. He directed a team that covered advanced and conventional biofuels, oil and gas production, utilities, transportation, efficiency and carbon regulation.

He began his career as a Senior Advisor in the US Senate. He is a graduate of Boston College and Georgetown University's School of Foreign Service, where he served as a Graduate Assistant to former Secretary of State Madeleine Albright.

In his spare time, he's an avid fly-fisherman.

Jeff Scharping Bio:

Jeff Scharping is the Business Development Manager at ICM, working in Product Development. ICM has designed and built 102 Ethanol Plants, and continues to increase plant efficiencies. His current focus is to install Fiber Separation Technology™ and Generation 1.5 Grain Fiber to Cellulosic Ethanol Technology™ at First Adopter plants. Jeff has a MBA from Wichita State University and a Mechanical Engineering degree from Kansas State University.

Jeff also sits on the Kansas Lottery Commission and the Kansas Association of Ethanol Producer's Board.



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IOWA STATE UNIVERSITY

Cornelia Butler Flora

Cornelia Butler Flora, PhD Cornell University, is the Charles F. Curtiss Distinguished Professor Emeritus of Sociology, Agriculture and Life Sciences, Iowa State University and Research Professor, Kansas State University. A Fellow of the American Association for the Advancement of Science and past president of the Rural Sociological Society, the Community Development Society, and the Society for Food, Agriculture and Human Values, she has taught, done research, and worked with research and development programs across the US, Latin America, and parts of Africa and Asia. She has served on the Board of Winrock, International and as President of the Board of the Northwest Area Foundation. She recently completed a Fulbright award teaching and conducting research with Jan Flora at the University of Cordoba in Spain. The fifth edition of their book, *Rural Communities: Legacy and Change* will be published by Westview Press in August. Her current research through Kansas State University includes analysis of farmers, communities and value chains in producing jet fuel from oil seeds.

Education

- Bachelor of Arts in sociology, University of California, Berkeley
- Masters of Science in rural sociology, Cornell University
- PhD in development sociology, Cornell University

Personal

Cornelia and her husband of 47 years, Jan, have two daughters, two sons-in-law, and three grandchildren.

You can learn more about Dr. Flora at <http://www.soc.iastate.edu/staff/cflora.html>



Thomas W. Robb, Ph.D.

Dr. Robb, is manager of Institutional Relations for Abengoa Bioenergy Corporation. From 1981 to 1984, Dr. Robb served as Assistant Professor with North Carolina State University and was stationed in Brazil as the leader of a collaborative research program.

In 1985, Dr. Robb joined IMC Corporation in its animal health division as International Technical Service Manager. He subsequently became Project Manager in Research and Development and then Business Unit Manager for all North American cow/calf products.

Dr. Robb joined Ivy Animal Health in 1999 where he led business development and acquisitions activities until 2000. In 2000, Dr. Robb joined a small start-up company (ImmTech) to lead bovine sales, marketing and technical services and joined Abengoa Bioenergy in 2004.

Dr. Robb is a graduate of the University of Missouri (M.S. Animal Husbandry 1977) and University of Kentucky (Ph.D. in Ruminant Nutrition, 1980).



BECKY MICHAEL
Senior Scientist, Novozymes North America

Becky Michael is a Senior Scientist in Novozymes' Biofuels Technical Service where she is in charge of optimization projects and plant trials to improve increase the value and efficiency of Novozymes partners in the first generation biofuels Industry.

Michael has extensive industry experience in fermentation technology and data analysis. Prior to Novozymes she managed Quality Control and Assurance for Valero Renewable Fuels' 110 MMGY ethanol plant in Hartley, Iowa, where she led her team in development of fermentation efficiency, including training and execution.

Education

- Bachelor of Business Administration in finance, University of Georgia
- Bachelor of Science in food science, Kansas State University

Personal

Becky lives in Iowa with her husband, Shawn, and stepchildren.

Novozymes

Novozymes is the world leader in bioinnovation and leading manufacturer of enzymes, microorganisms and biopharmaceutical ingredients. Together with customers across more than 30 industries, the company creates tomorrow's industrial biosolutions to improve its customers' business and the use of our planet's resources. With over 700 products used in 130 countries, Novozymes' products enhance and promote everything from removing trans-fats in food, to advancing biofuels to power the world tomorrow. Our never-ending exploration of nature's potential is evidenced by over 7,000 patents, showing what is possible when nature and technology join forces. Our 6,200+ employees working in research, production and sales around the world are committed to shaping business today and our world tomorrow. Novozymes is quoted on the Copenhagen Stock Exchange (NZYMB).

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