



## *Featured Presenters*

**Phil Bredesen** was re-elected Governor of Tennessee in November 2006 in a landslide victory – winning all 95 counties. Governor Bredesen’s strong voter mandate stems from his commitment to accountability, open government and his number one priority for the state – education. The governor begins his second term with a focus on raising high school and college graduation rates, boosting the economies of Tennessee’s smaller and mid-sized communities, strengthening public education at every level and promoting access to health care and healthier lifestyles for all citizens, especially young Tennesseans.

Governor Bredesen has also been an active supporter of research, production and use of biofuels. In February 2006, he issued Executive Order 33 establishing a multi-agency Alternative Fuels Working Group charged with developing a comprehensive alternative fuels strategy for Tennessee. The Order also makes the production, distribution and use of biofuels an economic development priority for the state. The General Assembly supported the Executive Order with a \$4 million appropriation for incentives to develop agricultural feedstock processing facilities, alternative fuels infrastructure and local government biofuel innovations. Recognizing the significant upside potential in the state’s existing agricultural, academic and research resources, Governor Bredesen is supporting the Tennessee Biofuels Initiative with an investment of approximately \$71 million in the budget he proposed to the General Assembly this year.

Before serving as Tennessee’s governor, Bredesen served as mayor of Nashville from 1991 to 1999, working with community leaders to chart a course that made Nashville one of the best places in America to live, work and raise a family. Under his leadership, Nashville invested nearly \$500 million to build new schools and hire new teachers. The city developed a state-of-the-art library system, redeveloped downtown, expanded its park system and drove down the crime rate. Governor Bredesen grew up in rural upstate New York and earned a bachelor’s degree in physics from Harvard University. Having lived in Nashville since 1975, Governor Bredesen is an avid hunter and outdoorsman, a licensed pilot and enjoys painting as a hobby.

**Joe Jobe** is the Chief Executive Officer for the National Biodiesel Board (NBB). The NBB is the national trade association representing the biodiesel industry as the coordinating body for biodiesel research and development in the US. Its members include feedstock producers and processors, soybean commodity boards, biodiesel suppliers, and fuel marketers and distributors. Joe has been with the NBB since 1997, and has served as CEO since January 1999. Joe’s duties included serving as the principle investigator for the \$2.2 million biodiesel health effects testing program. Joe has been involved with all the fuel quality efforts of NBB as CEO for the last eight years and was heavily involved in getting the BQ-9000 program off the ground and in the NBB’s new Fuel Quality Policy efforts and efforts with IRS, EPA, and NCWM to enforce D 6751. He is not your typical CEO, he actually understands – and drives – the details of the fuel quality efforts for NBB. Joe became interested in agricultural, environmental and energy issues growing up on a farm in central Missouri. Prior to working for the NBB, Joe was a fraud investigator for the Missouri Attorney’s General Office. He has also worked as a certified public accountant.

**Douglas L. Faulkner** is the Deputy Undersecretary for Rural Development at the United States Department of Agriculture (USDA). Doug works closely with Under Secretary for Rural Development Tom Dorr to coordinate activities of the USDA Energy Council. The energy council coordinates energy strategy and supports the development, production and use of renewable fuels, such as ethanol and biodiesel, through an array of USDA research, loan and grant programs. Doug previously served as principal Deputy Assistant Secretary for Energy Efficiency and Renewable Energy at the U.S. Department of Energy and has worked across departments to promote energy development in the areas of biomass, solar and hydrogen. He has served as a senior policy advisor to two secretaries of energy and received the Secretary of Energy’s “Award of Agriculture”. A resident of Virginia, Doug holds a masters degree from Johns Hopkins University School of Advanced International Studies; attended the University of Singapore as a Rotary Scholar and holds a bachelors in Asian Studies from the University of Illinois.

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**Brent Bailey** is the Southeast Facilitator with the 25 x '25 Initiative where he works across the southeastern U.S. directing state alliance activities. The 25x'25 vision entails agriculture and forestry producing 25 percent of total U.S. energy needs by the year 2025 while also continuing to produce safe and abundant food and fiber. Brent is working with agriculture and forestry leaders to mobilize support for renewable energy solutions from agriculture and forestry and communicating agriculture's potential role in a new national energy strategy. Brent has worked as an environmental consultant for two central Mississippi environmental engineering firms. For seven years, Brent served the Mississippi Farm Bureau Federation as the organization's Environmental Programs Coordinator. Brent holds a bachelors degree in biological engineering from Mississippi State University.

### *Featured Panelists Experts and Moderators*

#### **Conference Welcome and Opening**

**Jim Fyke** is Commissioner of the Department of Environment and Conservation. A true parks and conservation professional, Jim has a distinguished career with more than 40 years of successful public service in state and local government. Prior to being named Commissioner, Jim served the department as Deputy Commissioner of Parks and Conservation. As Commissioner, Jim is responsible for 54 Tennessee State Parks and 77 State Natural Areas while also serving as point person for Governor Bredesen's primary land conservation initiatives such as the Tennessee Heritage Conservation Trust Fund and the North Cumberland Conservation Plan. Jim joined state government following his retirement from the Metropolitan Nashville Board of Parks and Recreation after leading the Board as Parks Director for 25 years. Jim holds a bachelors degree from Peabody College of Vanderbilt University.

**Ken Givens** is Commissioner of Agriculture for the State of Tennessee. Ken is a former member of the Tennessee House of Representatives and House Agriculture Committee Chairman. During his 14 years in

the House, he was instrumental in passing a variety of significant legislation related to agriculture. As Commissioner, Ken was chairman of the Governor's Task Force on Methamphetamine Abuse that successfully developed a comprehensive strategy to address and reduce the manufacture, trafficking and abuse of the drug. Ken was also an early proponent for biofuels among the Governor's Cabinet, serving as a catalyst for the drafting of Executive Order 33. Ken is a native of Rogersville where his family operates a 350-acre diversified beef cattle and tobacco farm. He is a member of the American Legion and the Hawkins County Cattlemen's Association. Ken is a U.S. Army veteran and holds a bachelors degree in history and political science plus a masters degree in political science from East Tennessee State University.

**Matt Kisber** is Commissioner for the Tennessee Department of Economic and Community Development. Prior to this appointment, he served 10 consecutive terms in the Tennessee House of Representatives and as Vice President of Business Development for First Tennessee Bank. Matt applies his experience as businessman and legislator while working with Governor Bredesen to elevate Tennessee's reputation as a world-class business location. Whether it is recruiting a national company headquarters like Nissan North America to Nashville or establishing the Tennessee Leadership Center to enhance economic development for our state's rural areas, Matt has demonstrated a results-oriented approach to economic development that is lifting all communities across Tennessee. Matt holds a bachelors degree from Vanderbilt University.

### *Tennessee Biofuels Initiative Panelists*

**Dr. Mark Downing** is Group Leader in the Bioenergy Resource and Engineering Systems Group at the Oak Ridge National Laboratory, with a simultaneous appointment at the National Transportation Research Center as well as Adjunct Professor of Agricultural Economics at The University of Tennessee. Mark conducts research for commercial bioenergy business systems and energy market development while he is also actively involved in Energy Crops Production at ORNL for the

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DOE Office of the Biomass. Mark holds a Ph.D. in agricultural economics from Texas A&M.

**Dr. Tim Rials** is Professor and Director of the Forest Products Center and Southeast Regional SunGrant Center at The University of Tennessee. Tim assumed the role of Director for the Southeast SunGrant Center in 2005 as part of his broadening research in bioenergy and bio-based products. A fellow in the International Academy of Wood Science and member of the American Chemical Society, Tim is focused on the efficient use of wood and biomass to strengthen the bioeconomy in Tennessee and the Southeast. Tim worked as a research scientist with the USDA-Forest Service, Southern Research Station in Pineville, Louisiana before moving to the University of Tennessee as Professor in the Department of Forestry, Wildlife and Fisheries, and Director of the Forest Products Center. A native of McComb, Mississippi, Tim holds a bachelors degree in forest management science from Mississippi State University and masters degree and Ph.D. in wood science and technology from Virginia Tech.

**Dr. Kelly Tiller** is an Assistant Professor in the Agricultural Policy Analysis Center at The University of Tennessee, specializing in agricultural and natural resource policy. Much of her previous research has focused on tobacco policy and economics. She was very involved with the development of the tobacco quota buyout legislation that was enacted in 2004, which ended the federal tobacco program and delivered more than \$10 billion in privately funded compensation payments to tobacco farmers in the Southeast. Other recent research has focused on bioenergy and biofuels, analyzing policy and economic and market issues related to using agricultural biomass for alternative energy and fuels. She serves on the leadership team for the Southeastern Regional SunGrant Center at The University of Tennessee and is coordinating the national SunGrant BioWeb project. Kelly holds a bachelors degree, masters degree and Ph.D. from The University of Tennessee.

### *Current and Next Generation Biofuel Feedstocks Panelists*

**Dr. Burton English** is Professor at The University of Tennessee. Burton develops and uses simulation models to evaluate production and environmental issues associated with agricultural output. Burton has been examining the economics of biomass to energy conversion for nearly 30 years. His analysis includes alternative environmental policies and impacts on production agriculture, examination of alternative land use changes on net farm income, estimation of the impacts of environmental policies on small and medium-sized agricultural producers, and projections regarding the changes in the agricultural industrial complex and the corresponding impacts to occur in the nation's economy. He and his colleagues have recently conducted long-term national impact analyses for 25 X '25, the Governors' Ethanol Coalition, Department of Energy, and the USDA.

**Dr. Delton Gerloff** is Professor at The University of Tennessee. Delton received the Gamma Sigma Delta "Team Award of Merit" for his work on the 2002 Farm Bill. In 2004, Delton won the American Agricultural Economics Association's Premier Forecaster Award for being the most accurate nationwide crop price forecaster. Currently, Delton has responsibility in the areas of farm and financial management, risk management plus row crop marketing and management. His most recent work includes creating marketing tools for Tennessee farmers, assessing the financial risk associated with soybean rust and developing bioenergy studies dealing with corn ethanol and switchgrass.

**Parks Wells** is the Executive Director of the Tennessee Soybean Promotion Council located in Jackson. He has served in this capacity since the inception of the National Soybean Checkoff in 1991. His duties include managing soybean research and promotion programs in Tennessee while providing state coordination with the national program. In 1992, he was involved with other state executives in exploring the use of soybeans as a biodegradable fuel. The Tennessee Soybean Promotion

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Board is one of the founding members of the National Biodiesel Board. Parks' career also includes military service, work as commodity futures broker, stock options trader and experience in the cash grain market. Parks was raised on the family farm in Newbern where his grandfather Hamilton Parks Tigrett was one of the earliest producers of soybeans in Tennessee in 1920's. He holds a bachelors degree in business administration from the University of Tennessee at Martin.

**Joe Pearson** is the Commodities Director with Tennessee Farm Bureau.

### *Trends in Biofuel Production for Ethanol and Biodiesel Panelists*

**Kenneth Arnold** is the President and Chief Executive Officer of Memphis Biofuels. Ken was a founding partner in Memphis Biofuels in 2006. Ken has more than twenty-five years senior leadership experience in manufacturing and environmental management with multi-national companies such as Eastman, Velsicol, Air Products, along with British companies Johnson Matthey and BTR. A native Tennessean, Ken holds a bachelors degree from The University of Tennessee.

**Brian DeBusk** is the Chief Executive Officer of Pace Energy Systems in Knoxville, a bioenergy company focused on ethanol, biodiesel and coal liquification. Prior to the formation of Pace Energy, Brian was a senior executive and shareholder in health care information technology firms, Inobis Healthcare and General Electric Medical Systems. Brian has also served as Chief Operating Officer and Chief Executive Officer of DeRoyal. At DeRoyal, he grew and then sold DeRoyal Business Systems (iPath) to GE Medical Systems. Brian holds a bachelors degree in engineering and Ph.D. in electrical engineering from Vanderbilt University plus an MBA from Emory University.

**Kenneth "Pete" Moss** is the President and managing partner of FBA Consulting, LLC in Memphis. Pete has 19 years of experience in the agricultural industry,

the last decade with FBA Consulting. At FBA, Pete has consulted on more than seventy biodiesel projects resulting in 290 million gallons of production capacity for the industry. He has also been instrumental in the development of oilseed processing projects, the commercialization of corn fractionation for the ethanol industry and biomass project assessment. Pete is a regular speaker at national biofuels conferences and is frequently referenced by his published studies and articles. Prior to joining FBA Consulting, Pete was the marketing director for an oilseed processing firm in Arkansas and served as Vice President for First National Bank in Arkansas. Pete holds a bachelors degree in management and has a MBA from the University of Memphis.

**Dr. Don Panter** is the Vice President for Technology for Renewable Agricultural Energy, Inc., a Boulder, Colorado-based biofuels company where he is responsible for production plant site selection, feedstocks procurement and hedging plus leading collaborative feedstocks research and development programs with biofuels industry participants. Don has more than 20 years experience in agricultural research, holding research and development positions in both the public and private sectors with specialization in the areas of plant genetics and biotechnology. As Vice President and Chief Technology Officer for Emergent Genetics, Inc. (EGI), Don led the global research efforts for EGI's seed companies in the U.S. and eight international locations. Between 2005 and 2006, Don operated an independent consulting service providing seed industry expertise in strategic planning, plant breeding, genetics, biotechnology and research data management. Don holds a bachelors and masters degree plus a Ph.D. from The University of Tennessee.

**Alan Jones** is an Environmental Policy Advisor with the Tennessee Department of Transportation's (TDOT) Environmental Division. He manages TDOT's Environmental Policy Office and advises TDOT senior officials on environmental policy issues such as air quality, energy and land use. He manages the state's Congestion Mitigation and Air Quality Improvement (CMAQ) program, works with regional transportation planning

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agencies on transportation conformity and develops strategies for enhancing TDOT's stewardship of the environment. Previously, Alan was a Senior Policy Analyst with the Tennessee Department of Environment and Conservation where he worked on air quality and energy issues. From 1994 to 1999, he was Executive Director of the Tennessee Environmental Council, a state environmental advocacy group. Alan has more than 27 years of experience in environmental policy, including six years with the U.S. Environmental Protection Agency in Washington, D.C. and two years with the Texas Natural Resources Conservation Commission in Austin.

### *Quality Assurance for Ethanol and Biodiesel Panelists*

**Joe Jobe** is Chief Executive Officer for the National Biodiesel Board. Joe has been involved with all the fuel quality efforts of NBB as CEO for the last eight years and was active in getting the BQ-9000 program off the ground and with the NBB's new Fuel Quality Policy efforts. He is not your typical CEO, he actually understands – and drives – the details of the fuel quality efforts for NBB. Prior to working for the NBB, Joe was a fraud investigator for the Missouri Attorney General's Office. Prior to that he worked as a certified public accountant.

**Ken Katch** is Director of Emissions Solutions Group for Caterpillar, Inc. Ken has 34 years of experience in the construction equipment and diesel engine industry at Caterpillar. Prior to being named Director of Emissions Solutions in 2005, Ken led the development of breakthrough strategies in fleet management as the Manager of Equipment Management Development. He has global experience in product development and marketing with Caterpillar's OEM Solutions group where he was involved in the development of underground mining, agricultural and steel mill products. Ken holds a bachelors degree in Electrical Engineering from the Milwaukee School of Engineering and is a graduate of the Duke University Advanced Management program.

**Roger Listenberger** is the Director of Fuel Networking for the National Ethanol Vehicle Coalition

(NEVC). Prior to working for the NEVC, Roger was the marketing manager of fuel ethanol sales for Archer Daniels Midland Company, responsible for marketing and sales of fuel ethanol and E85 to petroleum refiners, distributors and jobbers throughout the United States. Before working for ADM, Roger was a regional manager for Speedway Petroleum where he built and operated high volume retail convenience stores. Roger has also worked as a sales manager for Marathon Petroleum Company where he sold petroleum products to jobbers, distributors, fleet accounts and dealers.

**Randy Jennings** is the Regulatory Services Administrative Manager at the Department of Agriculture where he is part of the management group responsible for a wide range of regulatory programs administered by the department. His past experiences include serving as the Weights and Measures State Standards Supervisor and Petroleum Quality Administrator. Randy has served as Chairman of the National Conference on Weights and Measures (NCWM) Petroleum Subcommittee, President of the Southern Weights and Measures Association (SWMA) and he is currently serving on the NCWM Board of Directors and on the SWMA Executive Committee. He is also an active participant in ASTM International Committee on Petroleum Products and Lubricants. Randy holds a bachelors degree in chemistry and agribusiness.

### *Financial Resources: Capital Markets and Government Support for Biofuels*

**Will Dodson** is Loan Officer and Energy Coordinator with U.S. Department of Agriculture Rural Development in Nashville. Will works in the Business and Community Programs division reviewing loans, grants and guarantees throughout Tennessee. He works on various infrastructure loans and grants as well as the Guaranteed Business and Industry Loan Program in order to ensure credit is readily available to rural businesses. He handles the 9006 Renewable Energy and Energy Efficiency Grant Program for Tennessee, which has been growing steadily over the past few years. The first 9006 Renewable Energy Grant awarded in Tennessee was a \$60,000 Grant to Mr. Richard

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Onderka to purchase equipment for his biodiesel plant in Manchester. Will is particularly proud to be a part of one of the first biodiesel plants in Tennessee. Will holds a bachelors degree from The University of Tennessee and a MBA from Middle Tennessee State University.

**Doug Jones** is Vice President - Lead Relationship Manager for CoBank in Omaha, Nebraska. Doug works under CoBank's Commercial Agribusiness Division and has 20 years experience providing financial services to customers from CoBank's Omaha banking center. Doug's portfolio consists of 35 customers with an aggregate commitment of \$850 million. These customers include grain and farm supply cooperatives in the Midwest and biofuel customers throughout the country. Doug holds bachelors and masters degrees in Agricultural Economics from the University of Nebraska.

**Brian McNiell** is First Vice President at Morgan Keegan and Company in Memphis. Prior to joining Morgan Keegan, Brian served as Chief Operating Officer for a hedge fund located in Memphis. He also has served as a principal in a boutique investment banking group specializing in energy transactions involving sovereign entities following a period in public accounting. Brian holds a B.B.A. in accounting from the University of Memphis and is a Certified Public Accountant (Inactive) and a CFA Charterholder.

**Philip Trauernicht** is director of the Program Management Division for the Tennessee Department of Economic and Community Development. His responsibilities include the oversight and management of all loan and grant programs that the department provides to communities and businesses across the state. These programs involve both state and federal funds that are administered by the department. Philip has worked at ECD for almost 20 years and holds a bachelors degree from Middle Tennessee State University.

## *Next Steps in Developing a Biofuels Strategy for Tennessee*

**Joe Gaines** is Assistant Commissioner for the Tennessee Department of Agriculture. In this position, he has overseen the creation of a comprehensive marketing and development program for Tennessee agriculture. Joe presently serves as co-chairperson of Governor Phil Bredesen's Interagency Alternative Fuels Working Group that was established by Executive Order 33. Joe has held several positions in state government and served as Executive Director of the Governor's Council on Agriculture and Forestry. Joe is retired from the Tennessee Army National Guard holding the rank of Colonel and is the recipient of military awards including the Legion of Merit. He is the Past President of the North American Agricultural Marketing Officials, and is former Chairman of the Southern United States Trade Association. Joe holds a bachelors degree in Forestry and a masters degree in Public Administration from The University of Tennessee.

**Paul Sloan** is Deputy Commissioner of Environment at the Tennessee Department of Environment and Conservation. Paul assumed this post in April 2005 following a career that includes success in education, law, business and conservation advocacy. Today he leads the senior management team responsible for safeguarding human health and the environment by protecting and improving the quality of Tennessee's land, air and water. He presently serves as co-chairperson of Governor Phil Bredesen's Interagency Alternative Fuels Working Group that was established by Executive Order 33. Paul's interest lies in identifying practical ways public policy can create a more sustainable, clean energy future for Tennessee and the region. He was a founding board member of Cumberland Region Tomorrow, a former trustee of The Nature Conservancy and a board member of the Cumberland River Compact. Paul holds a bachelors degree from Williams College and a law degree from Vanderbilt University.

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