



ASU LightWorks
ARIZONA STATE UNIVERSITY
Light-Inspired Solutions

AZBIOTM
ARIZONA BIOINDUSTRY ASSOCIATION



LightWorks Inaugural Lecture Series

Panel Discussion: The Future of Bioenergy

Thursday, February 21, 2013

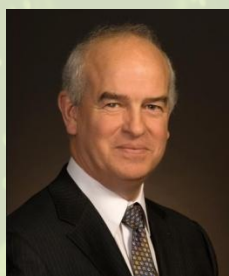


Panelist: Dr. Robert E. Blankenship

**Lucille P. Markey Distinguished Professor of Arts and Sciences
Washington University in St. Louis, Missouri**

Dr. Robert E. Blankenship graduated from Nebraska Wesleyan University in 1970 with a BS degree in Chemistry. He earned a PhD in Chemistry from University of California at Berkley in 1975 and was a postdoctoral fellow from 1976 to 1979 at the University of Washington in Seattle. He was a faculty member at Amherst College in Massachusetts from 1979-85 and moved to Arizona State University, where he was a faculty member for 21 years. In 2006, he moved to Washington University in St. Louis, where he is joint Professor in the Departments of Biology and Chemistry and the Lucille P. Markey Distinguished Professor in Arts and Sciences. He is the Director of the Washington University Photosynthetic Antenna Research Center (PARC), one of the Department of Energy's Energy Frontier Research Centers. He is Co-organizer of the 16th International Congress on Photosynthetic Research, which will be held in St. Louis in August 2013. Dr. Blankenship has spent his entire scientific career researching the highly interdisciplinary subject of photosynthesis using a wide range of techniques. His research investigates energy transfer and electron transfer processes in photosynthetic antenna and reaction center complexes with the goal of discovering the essential or irreducible aspects of how light energy is stored.

Join us February 21 for a panel discussion on the Future of Bioenergy



Panelist: Dr. Gary Dirks

Director, ASU LightWorks

Dr. Gary Dirks is director of LightWorks, an Arizona State University initiative that capitalizes on ASU's strengths in solar energy and other light-inspired research. He also is the Julie Wrigley Chair of Sustainable Practices, a professor of practice in the School of Sustainability, Distinguished Sustainable Scientist, and former member of the Global Institute of Sustainability board of trustees. Before joining ASU, Dirks was president of BP Asia-Pacific and BP China, where he brought an innovative approach to business, particularly through projects that supported sustainable development and energy security.

Dirks was Chairman of the British Chamber of Commerce in China and has served on the boards of the India Council for Sustainable Development and the China Business Council for Sustainable Development. He received China's "Friendship Award" in 2003 and received an honorary CMG (Companion of the Order of St. Michael and St. George) from the United Kingdom in 2005. In December 2008 he was recognized by the People's Daily as one of the 10 most influential multinational company leaders of the last 30 years of China's economic development. Dirks received his doctorate in chemistry from ASU in 1980. He was the first doctoral student to work in the Center for the Study of Early Events in Photosynthesis (now the Center for Bioenergy and Photosynthesis).

*What does a Southwest **Bioenergy** future look like?*



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Panelist: Glen Galster

Chairman, Arizona BioIndustry Association

Glen Galster Glen has over 34 years successful experience as an entrepreneur and a business executive. His career includes a breadth of business, operations and financial expertise across a diverse range of industries, products, services, and technologies. He possesses demonstrated skills in business formation and development, strategic planning, sales and marketing, operations, capital formation and finance within start-ups, turn around, later stage companies, and an operating unit of a fortune 500 company. He is currently the founder and President of Prudent Group LLC, a financial services company.

Glen serves on numerous boards of directors including: Chairman of the Board for the Arizona BioIndustry Association, since July 2011, with 5 years total service on its board; nearly 2 years on the Algae Biosciences Inc. board of directors, since it became a publicly traded company; and he Chairs two additional non-profit boards. He previously served with Algae Biosciences Corporation from its inception in 2002 as its Co-founder, President and board member until April 2011 when it was listed on the Toronto stock exchange, and he served 8 years in elective office on a California Special District board, including 2 years as its Chairman.

Mr. Galster attended the University of Oregon and California State University, Sacramento (CSUS), graduating with a BA degree and a minor in Chemistry. His graduate studies in Business Administration were also at CSUS and he is a U.S. Navy veteran.



Moderator: Joan Koerber-Walker

President and CEO, Arizona BioIndustry Association

Joan Koerber-Walker works on behalf of the Arizona Bioscience and Medical Device Industry to support the growth of the industry, its members and our community on the local and national level.

Her past experience includes 2 years as the CEO of ASBA (the Arizona Small Business Association), service as a member of the Board of Trustees of the National Small Business Association in Washington D.C., President of the National Speakers Association – Arizona, Chair of the Board of Advisors to Parenting Arizona, the state's largest

child abuse prevention organization, as a member of the Executive Committee of the Industry Advisory Board for the Thomas and Joan Read Center at Texas A&M University, on the Board of Directors of the Arizona Technology Council and as Treasurer and Board Member for RiboMed Biotechnologies, Inc. in Carlsbad, California, and as an executive at Avnet, Inc, where over a 20 year span she held a wide variety of roles in sales, marketing, technology, public policy direction, and risk management solutions to business along the growth path. In 2004, she was recognized by the Stevie Awards, the "Oscar" for women entrepreneurs as one of the leading entrepreneurial women in the United States and again in 2007 as one of the nation's leading small business executives.

Throughout her career, Joan has worked closely with over 700 technology partners worldwide and is experienced in the challenges and the joys of working in the global business arena from cultural, operational and legal perspectives.

Panel Discussion: The Future of Bioenergy

The panel discussion will focus on the emerging bioenergy industry in Arizona, and its future. Much of the current focus in biotech research and development looks to improving this efficiency in a scalable manner, and optimizing the final products, whether they are biofuels or pharmaceuticals. The panelists for this discussion represent a broad spectrum of expertise in the scientific, engineering and commercial aspects of bioenergy, and will address the opportunities and barriers to the fruition of a viable bioenergy industry in the state.

Thursday, February 21 from 6:00 pm to 7:30 pm
Location ASU SkySong, Convergence Room 150

*Reception to begin at 6 pm with panel following at 6:30 pm. Light refreshments will be served.
This event is free of charge.*

Questions: (480) 965-9572 Rebecca.Davis@asu.edu