

## **International Society of Lyophilization – Freeze Drying Midwest Chapter Annual Meeting (April 16, 2009)**

### **Speaker & Officer Biographies (in order of appearance)**

**Robert Sever, Ph.D.** earned his bachelor's degree in chemical engineering from the University of Notre Dame and his doctoral degree in chemical engineering from the University of Wisconsin-Madison. He joined Praxair in 2003 and currently manages the BioPharma Research and Development team focused on developing improved manufacturing and preservation processes for pharmaceuticals and biologicals. Robert currently serves as President of the Midwest Chapter of the International Society of Lyophilization – Freeze Drying.

**Kevin Tebrinke, PE** received his bachelor's degree in chemical engineering from Iowa State University in 1981. He is currently Director of Engineering, Maintenance, and EHS at Scientific Protein Laboratories in Waunakee, WI. Kevin's previous work experience includes Colgate Palmolive, Monsanto, and Warner-Lambert, where he was project leader and co-inventor on 8 patents on process technology. Kevin currently serves as Treasurer of the Midwest Chapter of the International Society of Lyophilization – Freeze Drying.

**Jinsong Liu, Ph.D.** earned his doctoral degree in physical chemistry. From 1994 to 1999, he worked as a research fellow at Technical University Berlin and Swiss Federal Institute of Technology. From 1999 to 2001, he worked with Professor Michael Pikal as a post-doctoral researcher in the Department of Pharmaceutical Sciences, University of Connecticut. After working at DSM Pharmaceuticals and APP Pharmaceuticals, Jinsong joined Abraxis Bioscience in 2006. His recent experience includes formulation and process development, scale-up, and technology transfer of parenteral products, with emphasis on lyophilization. Jinsong currently serves as Vice-President of the Midwest Chapter of the International Society of Lyophilization – Freeze Drying.

**Wei Kuu, Ph.D.** has been with Baxter since 1985. His expertise includes lyophilization technologies, process validation, process evaluation, stability production, and *in vitro* and *in vivo* mathematical modeling for drug delivery systems. He was transferred from Baxter Round Lake facility to Baxter Bloomington facility in August, 2006 to work closely with Dr. Michael J. Akers and Dr. Steven L. Nail. He currently works on lyophilization process development for client projects, optimization of lyophilization processes using mathematical modeling approaches, scale-up studies for parenteral manufacturing processes, and resolution of various manufacturing issues. Wei received his bachelor's and master's degrees in chemical engineering from National Cheng Kung University in Taiwan and his doctoral degree in chemical engineering from Louisiana University at Baton Rouge, Louisiana. He did his post-doctoral research in pharmaceutical sciences with Professor Samuel H. Yalkowsky at University of Arizona.

**Paul Coiteux** is the Director of Technical Sales and Support for SP Industries. He has worked for SP Industries since 2001 and is the SP Industries product specialist for Benchmark brand pilot and production lyophilizers on a worldwide basis. Paul specializes in the practical application of lyophilization technologies. He holds a bachelor of science and an MBA from the State University of New York at New Paltz.

**J. Jeff Schwegman, Ph.D.** is currently the founder and chief executive officer of AB BioTechnologies where he specializes in speaking and consulting in parenteral pre-formulation, formulation, analytical, and lyophilization of both small molecules and large biomolecules. He is also currently the Course Director for the Center for Professional Advancement where he teaches the Lyophilization Technology course in the United States and Europe. He holds several patents and actively develops new technologies in lyophilization science. After receiving his bachelor's degree in biochemistry from Indiana University in 1992, Jeff began working at Cook Imaging where he gained experience in analytical, formulation, and process development of parenteral products. In 1999, he began graduate study in the Department of Industrial and Physical Pharmacy at Purdue University under the direction of Dr. Steve Nail, where his research involved studying changes in the physical structure of biological molecules during lyophilization. Jeff received his Ph.D. from Purdue University in 2003, and returned to Bloomington where he worked at Baxter Pharmaceutical Solutions as a Research Scientist in the Pharmaceutical Development group. In November 2005, he left Baxter and helped found BioConvergence LLC, which specializes in developing new formulations and manufacturing processes for parenteral products. In February 2008, he left BioConvergence to form AB BioTechnologies. He routinely lectures around the world on formulation, stabilization, and process development of lyophilized products.

**Lisa L. McChesney-Harris, Ph.D.** has served as Vice President of Regulatory Affairs for APP Pharmaceuticals since February 2008. Prior to joining APP, she served as Senior Director / Director of Protocol Link, Inc. from April 2004 to January 2008, during which time she provided expert technical, compliance, and regulatory services to clients throughout the pharmaceutical industry. She has over 17 years of industrial experience including 7 years in ethical drug development (Abbott Laboratories, 1992 to 1996; Immtech International, 2000 to 2002; and BioSante Pharmaceuticals, 2002 to 2004) and 4 years in a start-up generic company (Apotex Corp., 1996 to 2000), specializing in both the analytical and formulation development of injectable ANDA products. She is a co-inventor on one issued US patent. Lisa holds a doctoral degree in pharmaceutical chemistry from the University of Kansas and a bachelor's degree in chemistry from the University of Missouri, St. Louis.

**Howard Teeter** received his bachelor's degree in chemistry from Manchester College and his master's degree in chemistry from the University of Notre Dame. From 1979-1993, Howard worked at Scientific Protein Laboratories where he served as Director of Quality Assurance & Regulatory Affairs (1979-1985) and Vice-President of Operations & Scientific Affairs (1985-1993). Howard was Senior Vice-President of Operations at Intergen Company from 1993 to 2003. In 2003, Howard co-founded Anteco Pharma, a contract manufacturer for the pharmaceutical, medical device, and food ingredient industries, specializing in lyophilization and associated formulation, material handling, and packaging. He now serves as President & Managing Partner of Anteco Pharma.