

ASSURING SAFETY OF IMPORTED FOODS

Public and Private Roles in a Risk-Based System

February 1-2, 2010 | RFF Conference Center, 1616 P St NW, Washington, DC

Speaker Biographies

Marion F. Aller, DVM, DABT

Director, Division of Food Safety, Florida Department of Agriculture and Consumer Services

Since 1998, Dr. Aller has directed the Division of Food Safety, where she oversees a comprehensive food protection program that includes food inspection and compliance activities as well as two food laboratories which analyze food samples for microbiological and chemical contamination. Dr. Aller began her career in FDACS as a toxicologist in the Bureau of Pesticides and served as Bureau Chief for six years. She has served on numerous food safety work groups and several national advisory groups, including the Food and Drug Administration's Food Advisory Committee, Contaminants and Natural Toxicants Subcommittee. She is a past president of the Association of Food and Drug Officials and currently chairs a work group developing a model code of practices for produce safety at the farm and packing house. Dr. Aller is a member of numerous professional associations including the Society of Toxicology, the International Society of Regulatory Toxicology and Pharmacology, the Institute of Food Technology, the Florida Public Health Association, and the American Veterinary Association. She became a Diplomate of the American Board of Toxicology in 1992 and has since maintained her board certification. Dr. Aller received a Bachelor of Arts in English from Stetson University in 1975 and a Doctorate of Veterinary Medicine from the University of Georgia in 1983. Email: allerm1@doacs.state.fl.us

Michael Batz

Executive Director, Food Safety Research Consortium, and Head of Food Safety Programs, Emerging Pathogens Institute, University of Florida

Mr. Batz has been the executive director of the FSRC since 2006. As a researcher in the EPI since July, 2007 research centers on the use of information and analytic tools to improve regulatory and public health decision making, particularly in food safety. Specific interests include risk ranking, mathematical modeling, resource prioritization, health valuation, food attribution, and decision making under uncertainty. Previously, he was based in the Department of Epidemiology and Preventive Medicine at the University of Maryland School of Medicine, Baltimore, and was a research associate for 7 years at Resources for the Future, a nonpartisan nonprofit research institution rooted primarily in environmental economics. While there, he worked on a broad set of issues, including modeling of criteria air pollutants, estimating regional patterns of US carbon emissions, predicting future costs of the Superfund program, and evaluating coffee farming policies in Oaxaca, Mexico. Mr. Batz has a B.Sc. in Electrical and Computer Engineering & Engineering and Public Policy, and an M.Sc. in Electrical and Computer Engineering, both from Carnegie Mellon University. Email: mbatz@ufl.edu

Bob Bauer

President, Association of Food Industries

Mr. Bauer has been president of AFI since 2002, and previously served as vice president for 6 years. AFI is a trade association fostering international trade of food products and representing nearly 900 international members. Sections of AFI that act as stand-alone groups include the North American Olive Oil Association and the National Honey Packers and Dealers Association. He was appointed to the Agricultural Technical Advisory Committee for trade in Processed Foods in 2005, and was reappointed in 2008. Before joining AFI, Mr. Bauer was a journalist. As a newspaper reporter, he covered everything from town meetings to health-related issues to a wide range of sports, ranging from high school to professional levels. From newspapers, he moved to trade publications in the transportation field and then to the food industry. For the two years prior to joining AFI, he worked as the editor of the grocery section of Supermarket News, the leading trade publication in food distribution. Mr. Bauer attended Temple University and received his bachelor's degree from Glassboro State College (now Rowan University). He and his wife, Robin, have four children. Email: bobbauer@afius.org

Robert E. Brackett, Ph.D.

Senior Vice President and Chief Science and Regulatory Officer, Grocery Manufacturer's Association (GMA)

Dr. Brackett oversees all of GMA's scientific and regulatory activity, including the operation of its in-house food safety laboratory. GMA represents the world's leading food, beverage and consumer products companies and promotes sound public policy, champions initiatives that increase productivity and growth and helps to protect the safety and security of the

food supply through scientific excellence. Prior to coming to GMA, Dr. Brackett served in various positions within the U.S. Food and Drug Administration's Center for Food Safety and Applied Nutrition, eventually attaining the position of Center Director. As Center Director, he provided executive leadership to the Center's development and implementation of programs and policies relative to the composition, quality, safety, and labeling of foods, food and color additives, dietary supplements and cosmetics. From 1994 until 2000, Dr Brackett served as Professor of Food Science and Technology in the Center for Food Safety at the University of Georgia. Dr. Brackett has also served on the faculty of North Carolina State University. Dr. Brackett received his B.S. in bacteriology and his M.S. and Ph.D. in food microbiology, all from the University of Wisconsin-Madison. Dr. Brackett has served elected leadership positions in several professional associations, and is a Fellow of the American Academy of Microbiology and the International Association for Food Protection. He is also the recipient of numerous professional awards and serves on the Advisory Boards of the National Center for Food Protection and Defense, and the National Center for Food Safety and Technology. Email: rbrackett@gmaonline.org

Susan M. Brown

Director of Regulatory Affairs, McCormick and Co. Inc.

Ms. Brown's responsibilities focus heavily on import-export and product safety issues. She joined McCormick in 1976 as an Analytical Chemist, focusing on methods development and product stability. She moved into Quality Assurance in the late 80's and for a number of years was the Quality Assurance Manager at McCormick's Spice Mill. She had oversight of the quality programs which included GMP compliance, HACCP, and Vendor expectations for spice items. Ms. Brown has been active in the American Spice Trade Association (ASTA), chairing both the Technical and Government Relations Committees, well as serving on the Board of Directors including President from 2007-2008. She received an undergraduate degree in Chemistry from Western Maryland College (now McDaniel College) and a Masters in Engineering Administration from George Washington University. She is a member of the Institute of Food Technologists and the American Chemical Society. Email: Susan.Brown@mccormick.com

Francis (Frank) F. Busta, PhD

Director Emeritus and Senior Science Advisor, National Center for Food Protection and Defense (NCFPD), University of Minnesota

Dr. Busta was named the first Director of the NCFPD in 2004, and became Director Emeritus and Senior Science Advisor in 2007. He became Professor Emeritus at the University of Minnesota in 1999, after being Head of the Department of Food Science & Nutrition from 1987 to 1997. Previously, he held faculty positions at North Carolina State University and the University of Florida, where he served as Chair of the Department of Food Science and Human Nutrition from 1984 to 1987. Dr. Busta's research areas are in food safety, growth and survival of microorganisms after environmental stress in food, and microbial ecology. He has published more than 125 refereed research papers. He has served as Chief Technology Advisor on a UNDP project in China on agri-processing within the WTO framework. Dr. Busta retired from the International Commission on the Microbiological Specifications for Food (ICMSF) after 15 years of service. He is a Fellow of the Institute of Food Technologists, of the American Academy of Microbiology, of the American Association for the Advancement of Science, of the Institute of Food Science and Technology (UK), and of the Academy of the International Union of Food Science and Technology. He received the Honorary Life Membership Award from IAFP in 2009. He was President of the Institute of Food Technologists (IFT) in 1995/96 and currently is Senior Science Advisor of IFT's contract from FDA, "Analysis and Review of Topics in Food Safety, Food Security, Food Processing, and Human Health." Email: fbusta@umn.edu

Robert L. Buchanan, Ph.D.

Director and Professor, Center for Food Safety and Security Systems, College of Agriculture and Natural Resources, University of Maryland

Dr. Buchanan received his B.S., M.S., M.Phil., and Ph.D. degrees in Food Science from Rutgers University, and post-doctoral training in mycotoxicology at the University of Georgia. Since then he has 30+ years experience teaching, conducting research in food safety, and working at the interface between science and public health policy, first in academia, then in government service in both USDA and FDA, and most recently at the University of Maryland. His scientific interests are diverse, and include extensive experience in predictive microbiology, quantitative microbial risk assessment, microbial physiology, mycotoxicology, and HACCP systems. He has published widely on a wide range of subjects related to food safety, and is one of the co-developers of the widely used USDA Pathogen Modeling Program. Dr. Buchanan has served on numerous national and international advisory bodies including serving as a permanent member of the International Commission on Microbiological Specification for Foods, as a six-term member of the National Advisory Committee for Microbiological Criteria for Foods, and as the U.S. Delegate to the Codex Alimentarius Committee on Food Hygiene for a decade. He has recently joined the steering committee of the Food Safety Research Consortium. Email: rbuchana@umd.edu

Linda Calvin, PhD

Agricultural Economist, Economic Research Service

Dr. Calvin specializes in research on topics affecting the fruit and vegetable industries, particularly food safety, phytosanitary barriers to trade, and trade in general. Food safety case studies have included assessments of the foodborne

illness outbreaks associated with Guatemalan raspberries, Mexican green onions, and California leafy greens. Current research on retail demand for produce after outbreaks looks at consumer expenditures following the 2007 outbreak linked to California leafy greens and the 2008 outbreak initially linked to tomatoes and later linked to chile peppers. She has a Ph.D. in agricultural economics from the University of California at Berkeley. Email: lcalvin@ers.usda.gov

Julie A. Caswell, PhD

Chairperson and Professor, Department of Resource Economics, University of Massachusetts, Amherst

Dr. Caswell has a Ph.D. in Agricultural Economics and Economics from the University of Wisconsin. Her research focuses on understanding the operation of domestic and international food systems, with particular interest in the economics of food quality and labeling, especially for safety and nutrition, and international trade. Her edited books include *Economics of Food Safety*, *Valuing Food Safety and Nutrition*, and *Global Food Trade and Consumer Demand for Quality*. Dr. Caswell has provided expertise to the U.N. Food and Agriculture Organization, the Organization for Economic Cooperation and Development, and the National Academies on food safety and labeling issues. She is a member of the Food Marketing Policy Center (<http://www.fmpc.uconn.edu/>) and a founding member of the Food Safety Research Consortium. She has held numerous senior positions with the Agricultural and Applied Economics Association. In 2005, Dr. Caswell gave the Distinguished Faculty Lecture at the University of Massachusetts and received the Chancellor's Medal. She is the recipient of an Outstanding Teaching Award from the College of Food & Natural Resources. She has taught graduate courses in Poland, Italy, Brazil, and Spain. Dr. Caswell held a Fulbright Distinguished Lectureship at the University of Tuscia in Viterbo, Italy for April-June 2009. Email: caswell@resecon.umass.edu. For more information and publications, see: <http://www.umass.edu/resec/faculty/caswell/index.shtml>.

Albert F. Chambers

President, Monachus Consulting

Mr. Chambers established Monachus (MON –ACK-US) Consulting in Ottawa in 1995 to provide policy and communications advice to organizations in agribusiness. He has 37 years experience conducting research for and advising companies, national organizations, cabinet ministers and parliamentary committees, including extensive efforts to develop a new Canadian approach to food safety and traceability. Mr. Chambers is also executive director of the Canadian Supply Chain Food Safety Coalition, which represents national and provincial industry associations from primary processing through final marketing with the goal of developing a national coordinated approach to food safety. He is also Vice Chair of the Standards Council of Canada's Canadian Advisory Committee on Agri-Food (CAC/TC34) and chairs its subcommittee on the ISO 22000 series of standards. Since 2003, he has led the Canadian delegations on the ISO working groups for ISO 22000 (food safety management), ISO 22003 (requirements for audit and certification bodies), ISO 22005 (traceability in the feed and food chain) and ISO 22006 (application of ISO 9001 in agriculture). He was the lead author of *ISO 22000 Food Safety Management Systems – An easy-to-use checklist for small business*, published by UNCTAD, the WTO International Trade Centre and ISO in June 2007. Email: afchambers@monachus.com

Bjarke Bak Christensen, PhD

Head, Division of Food Microbiology and Risk Assessment, National Food Institute, Technical University of Denmark (DTU Food)

Dr. Christensen is responsible for daily administration and coordination of all research, consulting, mapping, and laboratory activities on foodborne microorganisms at the National Food Institute. His group includes over 100 academic researchers, laboratory scientists, and other technical staff, and serves as the national reference laboratory for Salmonella and zoonotic E. coli, for bacteria and viruses in bivalve mollusks, for milk and dairy products, and serving Danish regional government food control units; it also serves as the EU reference laboratory for antimicrobial resistance, the WHO Collaborating Centre for Antimicrobial Resistance in Foodborne Pathogens, and the EFSA Zoonoses Collaboration Centre. Prior to joining DTU Food in 1999, Dr. Christensen held a faculty position in the Department of Microbiology at the Technical University of Denmark. His research focuses on the presence, growth, virulence, and control of foodborne pathogens (namely Campylobacter, Listeria, and VTEC) from farm to fork, and in developing mathematical models for microbiological risk assessments. He has a Ph.D. in molecular microbiology from the Technical University of Denmark. Email: bbch@food.dtu.dk

Mark A. Cohen, PhD

Vice President for Research and Senior Fellow, Resources for the Future

In addition to his role at RFF, Dr. Cohen is Professor of Management and Law at the Owen Graduate School of Management, Vanderbilt University and is Honorary Visiting Professor in the Department of Economics at the University of York (UK). At Vanderbilt, he co-founded and co-directed the Vanderbilt Center for Environmental Management Studies (VCEMS). Previously, he served as a staff economist at the Environmental Protection Agency, the Federal Trade Commission and the Sentencing Commission. Dr. Cohen has published over 85 articles on government enforcement of policy and currently sits on the editorial boards of *Managerial and Decision Economics* and the *Journal of Benefit-Cost Analysis*. He has served on various governmental advisory panels such as Tennessee's Environmental Justice Steering Committee and the U.S. EPA's Science Advisory Board's Panel on Illegal Competitive Advantage and Economic Benefits. He has also been

appointed as an inaugural member of the Stakeholder Council of the Global Reporting Initiative. He received his Ph.D. in economics from Carnegie Mellon University. Email: cohen@rff.org

Tony Corbo

Senior Lobbyist, Food Campaign, Food & Water Watch

Mr. Corbo is responsible for food-related legislative and regulatory issues that come before Congress and the Executive Branch. Tony has extensive organizing experience having directed major public employee representation campaigns in several states. He has also directed political campaigns at various levels, and he served as the administrative assistant to a Member of Congress. He holds a Bachelor of Arts degree in Public Affairs from The George Washington University and a Master's degree in Industrial and Labor Relations from Cornell University. Email: tcorbo@fwwatch.org

Michael P. Doyle, PhD

Regents Professor of Food Microbiology and Director of the Center for Food Safety, University of Georgia

Dr. Doyle is an active researcher in the area of food safety and security and works closely with the food industry, government agencies, and consumer groups on issues related to the microbiological safety of foods. He serves on food safety committees of many scientific organizations and has served as a scientific advisor to many groups, including the World Health Organization, the Institute of Medicine, the National Academy of Science-National Research Council, the International Life Sciences Institute-North America, the Food and Drug Administration, the U.S. Department of Agriculture, the U.S. Department of Defense, and the U.S. Environmental Protection Agency. He is a founding member of the Food Safety Research Consortium, and serves on its steering committee. He is a Fellow of the American Academy of Microbiology, the International Association for Food Protection and the Institute of Food Technologists, and is a member of the National Academies Institute of Medicine. Email: mduoye@uga.edu

Erin Dreyling, PhD

Director, Data Analysis and Integration Group (DAIG), Office of Data Integration and Food Protection, Food Safety and Inspection Service, US Department of Agriculture

Dr. Dreyling is the project lead for the Agency's development of data-driven improvements for processing and slaughter inspection. In addition, she is leading the development of FSIS' Predictive Analytics component of its new information infrastructure. Predictive Analytics will improve the Agency's ability to more effectively use data to inform policy development and to predict and prevent public health risks. Previously Dr. Dreyling served as the Deputy Director and an Analyst with the DAIG. She joined FSIS as a Food Safety Fellow after completing her doctoral degree in public health and certificate in risk assessment at the Johns Hopkins Bloomberg School of Public Health. Dr. Dreyling also received a BA in biology and psychology from Wellesley College, and is a member of the Delta Omega Honors Society for Public Health. Email: erin.dreyling@fsis.usda.gov

Paul A. Hall, PhD

President and Chief Operating Officer, AIV Microbiology and Food Safety Consultants LLC

In addition to leading AIV, Dr. Hall is on the Board of Directors of Purfresh, Inc., the leading provider of sustainable clean technology solutions for food and water. Previously, Dr. Hall was Vice President of Global Food Safety for ConAgra Foods, Vice President of Global Business Development for Matrix MicroScience, Inc., and Chief Microbiology and Food Safety Officer for Kraft Foods Global, where he spent seventeen years. He also held positions with Anheuser Busch Companies, Inc. and Ralston Purina Company. He is Past President of the International Association for Food Protection and has been involved with various professional organizations and institutes, including the International Life Sciences Institute, the University of Georgia Center for Food Safety, the American Society for Microbiology, the Institute of Food Technologists, the Grocery Manufacturers Association, and the International Dairy Foods Association. He serves on the editorial boards of the Journal of Rapid Methods and Automation in Microbiology and Food Safety Magazine. Dr. Hall holds a Bachelor's degree in Microbiology from the University of Missouri-St. Louis, a Master's degree in Technology Management from Washington University, and a PhD in Quality Management from LaSalle University. Dr. Hall was the recipient of IAFP's prestigious 2006 Harold Barnum Industry Award and was inducted as a Fellow of IAFP in 2007. In March of 2009, Dr. Hall received the prestigious achievement award from the National Center for Food Safety and Technology for outstanding contributions to food safety across government, academia, and industry. Dr. Hall also delivered the prestigious 2009 IAFP Ivan Parkin lecture. Email: paul.hall@aivfoodsafety.com

Spencer Henson, PhD

Professor, Department of Food, Agricultural and Resource Economics, University of Guelph, Canada, and Research Fellow, Institute of Development Studies, University of Sussex, United Kingdom.

Dr. Henson is a full professor in food economics at the University of Guelph and was appointed as Research Fellow at the University of Sussex in 2009. His research interests focus on the economics of food safety and quality including impacts of safety and quality issues on consumer demand for food, policy and regulatory issues and impacts on trade. A sub-theme of his research focuses on implications of food safety and quality issues for developing countries. He has undertaken research

in over 40 countries, and has worked with numerous international organisations including the World Bank, FAO, WHO, OECD, WTO and UNIDO. He received both his B.Sc. in Food Science, Economics and Marketing and his Ph.D. in Food Economics from the University of Reading, United Kingdom. Email: shenson@uoguelph.ca

Sabine Hertveldt

Senior Private Sector Development Specialist, International Finance Corporation (IFC)

Ms. Hertveldt joined the Doing Business team, a collaboration of the World Bank and the IFC, in January 2006. Previously, she practiced employment law and investment arbitration for seven years with Allen & Overy LLP in Brussels and White & Case LLP in Washington, DC. She obtained a law degree from Ghent Law School (Belgium), a DEA/DESE combined Master's degree in European law and politics from the University of Nancy (France), and a Master's degree in law from Columbia Law School (New York). During her studies at Columbia Law School, Ms. Hertveldt was a Fulbright scholar and fellow of the Belgian-American Educational Foundation. Ms. Hertveldt is a member of the Brussels Bar and New York Bar, clerked at the European Court of Justice in Luxembourg and interned at the United Nations in New York. She speaks Dutch and French and is conversant in Spanish. Email: shertveldt@ifc.org

Sandra A. Hoffmann, PhD, JD

Fellow, Resources for the Future

Dr. Hoffmann is a fellow at RFF, a nonprofit and nonpartisan organization that conducts independent research – rooted primarily in economics and other social sciences – on environmental, energy, natural resource and public health issues. Her research focuses on the economics of food safety and environmental health. A significant body of her work has focused enhancing the usefulness of foodborne illness disease surveillance to public health decision makers. She has testified on this issue before USDA and FDA. Dr. Hoffmann is co-editor with Michael Taylor of *Toward Safer Food: Perspectives on Risk and Priority Setting*, which sets out a systematic structure for designing a more science/risk-based approach to food safety regulation in the United States. She also serves on the steering committee of the Food Safety Research Consortium. Dr. Hoffmann received a Master's degree in agricultural economics from the University of Wisconsin-Madison, a Ph.D. from the University of California, Berkeley, Dept. of Agricultural and Resource Economics, and a J.D. from the University of Michigan Law School. She practiced law with the D.C. office of McKenna, Conner, and Cuneo, specializing in pesticide and chemical regulatory law. Before joining Resources for the Future she was on the faculty of the University of Wisconsin-Madison. Email: shoffmann@rff.org

Michele Jay-Russell, DVM

Project Director, Western Center for Food Safety (WCFS), Western Institute for Food Safety and Security, University of California, Davis

Prior to joining WCFS, one of four FDA CFSAN academic institutes, Dr. Jay-Russell was a Research Scientist with the Food and Drug Laboratory Branch at the California Department of Public Health. In this capacity, she was involved in many environmental foodborne disease investigations including the 2006 farm investigation following the E. coli O157:H7 contamination of fresh, bagged baby spinach. In 2006-2007, she was recognized for teamwork on the spinach outbreak with a CDHS Superior Accomplishment Award, the FDA Leveraging/Collaboration Award, and the International Association of Food Protection Innovation award. Other prior work includes positions as the California State Public Health Veterinarian and the Chief Epidemiologist for Sacramento County Department of Health and Human Services. Dr. Jay-Russell is active in professional service and currently serves as the President of the Northern California Chapter of the American Society for Microbiology and Chair of the American College of Veterinary Preventive Medicine's Communication Committee. She received her Doctor of Veterinary Medicine and Masters of Preventive Veterinary Medicine in 1992 from the University of California, Davis, and is a Candidate for a doctoral degree in Microbiology. She was board certified with the American College of Veterinary Preventive Medicine in 1997. Email: mjay@ucdavis.edu

Helen H. Jensen, PhD

Professor of Economics and Head, Food and Nutrition Policy Research Division, Center for Agricultural and Rural Development (CARD), Iowa State University

Dr. Jensen's major areas of research are the economics of food and nutrition policies and programs, food security and the economics of food safety and hazard control options. In CARD, she leads a research program on food and nutrition programs and policies, including food safety, with research that addresses the design of food and nutrition programs, assessment of nutritional enhancement of foods, food demand and markets, and food safety regulations. On-going studies investigate the relationship between agricultural policies and programs and nutrition outcomes, including obesity, and food safety systems in livestock and poultry industries. Among professional activities, she has served on the Executive Board of Directors of the American Agricultural Economics Association, the Council on Food, Agricultural and Resource Economics and on several committees of the National Academy of Sciences. She has been on the steering committee of the Food Safety Research Consortium since 2005. Dr. Jensen holds a master's degree in agricultural and applied economics from the University of Minnesota and a Ph.D. degree in agricultural economics from the University of Wisconsin. Email: hhjensen@iastate.edu

Ronald K. Jones, DVM

Assistant Administrator, Office of International Affairs, Food Safety and Inspection Service, US Department of Agriculture

Dr. Jones provides leadership in international food safety activities related to oversight of equivalency, auditing, and import inspection. He has worked in many areas across the U.S. Prior to his current position, Dr. Jones was Executive Associate for Regulatory Operations, Office of Field Operations. He spent 25 years in the field which included 10 years as District Manager of Food Safety and Inspection Service's Denver, Colorado office where he provided regulatory oversight to approximately 580 federally inspected facilities located in 10 States, American Samoa, Saipan and Guam. During those years, Dr. Jones received numerous awards for his management and leadership skills. He received his Doctorate in Veterinary Medicine at the Tuskegee Institute in 1983. Email: ronald.jones@fsis.usda.gov

Steve Kendall

Project Director, PREDICT, Office of Resource Management, Office of Regulatory Affairs, US Food and Drug Administration

Mr. Kendall manages the development and implementation of PREDICT (Predictive Risk-Based Evaluation for Dynamic Import Compliance Targeting), a new electronic system for improved targeting of import shipments. Previous positions within ORA headquarters include Director of the Systems Branch within the Office of Regional Operations' Division of Import Operations (2004-2009) and the Turbo EIR project director (1999-2004). Mr. Kendall has been with FDA/ORR for 39 years and has extensive field experience, having worked in the Los Angeles District, the Kansas City District, the Buffalo District, and the San Francisco District, where he was Director of the Compliance Branch from 1986-1999. He has a BA from Pomona College. Email: Steven.Kendall@fda.hhs.gov

Jason Lambros

Vice President of Purchasing and Partner, Coastal Sunbelt Produce Company

Mr. Lambros oversees a team that manages 3000 fresh produce and dairy items. Coastal Sunbelt, based in Savage, Maryland, is the leading independent mid-Atlantic supplier for fresh produce and dairy. With 810 employees, they deliver daily to 8 states and Washington DC. Customers include independent restaurants, regional and national restaurant chains, hotel chains, institutions, contract feeders, wholesale distributors, and retail chains. They purchase fresh produce from all major domestic shipping points daily and also source produce from Canada, Europe, Asia, Africa, the Caribbean, and Central and South America. Volume of domestic and imported produce totals approximately 150 truck loads per week. Mr. Lambros previously served as the Production Manager of the East Coast Fresh Cuts division of Coastal Sunbelt, whose value added produce processing plant produces 50,000 pounds of fresh cut fruits and vegetables daily for foodservice and retail accounts. He holds a B.A. University of Maryland College Park, HACCP Certification from University of Maryland, and Employment Law Certification. Email: jlambros@coastalsunbelt.com

Arthur P. Liang, MD

Director, Food Safety Office, National Center for Zoonotic, Vector-borne & Enteric Diseases, US Centers for Disease Control and Prevention

Dr. Liang previously served as the Associate Director for Public Health Practice, Division of Applied Public Health Training, Epidemiology Program Office, where he directed CDC's Preventative Medicine Residency. He is a former CDC Epidemic Intelligence Service officer and a member of the EIS Class of 1980. Dr. Liang is also the former chief of the Communicable Disease Division, Hawaii Department of Health. He currently serves on the Executive Committee of the National Advisory Committee on Microbiological Criteria for Foods and is the CDC advisor to the Board of Directors of the Association of Food and Drug Officials. He is also a member of the Preventive Medicine Residency Advisory Committee for the Walter Reed Army Institute of Research, and a Fellow of the American College of Preventive Medicine. Email: aliang@cdc.gov

Robert (Bobby) Love

Director, Global Quality Assurance, Phillips Foods Inc.

Mr. Love has worked in the seafood industry for 34 years, having begun his employment with the Phillips Family in 1976. He has been educated extensively in the culinary arts in the US Territories and abroad, and is a graduate of the Culinary Institute of America in Hyde Park, New York. Mr. Love is currently the Director of Global Quality Assurance for Phillips Foods and Seafood Restaurants headquartered in Baltimore, Maryland where he oversees quality control for 7 countries encompassing 23 plants. He has gained technical expertise over the years through continued Professional Education including but not limited to US Sea Grant Cooperative Education Programs; NFPA Better Process Control Schools; HACCP AFDO Train the Trainer Certification; NFPA-Safe Auditor Training; US Seafood HACCP Alliance; and USDC Sensory Training. He also has 20 years of chef leadership experience in various establishments ranging from New York to the US Virgin Islands. Email: BLove@phillipsfoods.com

Jennifer C. McEntire, PhD

Research Scientist and Manager of Science and Technology Projects, Institute of Food Technologists

Dr McEntire is responsible for all of IFTs technical grant and contract work. A food microbiologist by training, she currently leads contract work in the areas of food safety and defense. Jennifer also supports IFTs outreach initiatives, promoting food science as a career. She received her Bachelor of Science degree with Distinction in Agriculture (majoring in Food Science) from the University of Delaware. She conducted her doctoral work in the Department of Food Science at Rutgers University as a USDA National Needs Fellow in Food Safety, which provided the opportunity to complete an internship at the National Food Processors Association (now GMA), and serve as a Visiting Scientist at the Center for Food Safety and Applied Nutrition at the FDA. She has authored or co-authored several peer reviewed publications, a book chapter, and has presented her work nationally and internationally. Email: jcmcentire@ift.org

J. Glenn Morris, Jr. MD, MPH&TM

Director, Emerging Pathogens Institute (EPI), University of Florida, and Professor of Medicine, University of Florida College of Medicine

In addition to directing the EPI, Dr. Morris is also a Professor of Medicine specializing in Infectious Diseases. He received his MD and a master's degree in public health and tropical medicine from Tulane; his residency training was at University of Texas Southwestern (Dallas) and Emory University, with service as an Epidemic Intelligence Service officer at the Centers for Disease Control and Prevention in Atlanta. He is board certified in internal medicine and infectious diseases. From 2000-2007 he served as Chairman of the Department of Epidemiology and Preventive Medicine at the University of Maryland, Baltimore (UMB) School of Medicine, and from 2005-2007 was interim dean of the UMB School of Public Health. Dr. Morris has authored over 60 textbook chapters and symposium proceedings and over 180 articles in peer-reviewed journals. He has had continuous federal grant funding since 1984; his scholarly contributions were recognized by election to the American Society for Clinical Investigation in 1996. In 2005, he was awarded the James D. Bruce Memorial Award by the American College of Physicians for Distinguished Contributions in Preventive Medicine, in recognition of his work in food safety. He has served on five National Academy of Sciences expert committees dealing with food safety, and currently serves on the Institute of Medicine's Food and Nutrition Board. Dr. Morris is a founding member of the Food Safety Research Consortium and currently serves as interim chair. He maintains an active research program in emerging pathogens and enteric diseases. Email: jgmorris@ufl.edu

Gale Prince

President and Founder, Your Food Safety Coach LLC

Mr. Prince is a recent retiree of The Kroger Co. where he served as Corporate Director of Regulatory Affairs for nearly three decades. A graduate of Iowa State University, he has spent forty years in leadership of food safety programs at retail and food manufacturing of a wide array of products. A food safety pioneer and innovator, Mr. Prince has been referred to as this country's "Dean of Recalls" for while at Kroger he handled thousands of food and product recalls covering just about every commodity group handled in the modern supermarket, including food and non-foods ranging from toys to magazines to trees. He is a past president of the International Association of Food Protection (IAFP) and is widely known in the food and consumer product industries and the regulatory community for his expertise in food safety at retail, food manufacturing, and distribution. Email: Gale@galeprince.com

Juliana M. Ruzante, PhD DVM MPVM

Risk Analysis Program Manager, Joint Institute for Food Safety and Applied Nutrition (JIFSAN), University of Maryland

Prior to joining JIFSAN, Dr. Ruzante worked for the University of Guelph and Public Health Agency of Canada developing and operationalizing a multi-factorial framework to rank foodborne risks using multi-criteria decision analysis (MCDA). She was previously at the Western Institute for Food Safety and Security at the University of California, Davis, developing training material on animal health and food safety. She also worked as a Quality Assurance Specialist for one of the largest pork and poultry processing companies in Brazil. She has served as an expert on a FAO/WHO meeting on *E. sakazakii* and serves as a member of the Committee on Review of Use of Process Indicators in FSIS Public Health Risk-based Inspection System organized by The National Academies. Dr. Ruzante received her Doctor of Veterinary Medicine from University of São Paulo and Master in Preventive Veterinary Medicine (MPVM) and PhD in Comparative Pathology from the University of California, Davis. Email: jruzante@umd.edu

Caroline Smith DeWaal

Director, Food Safety Program, Center for Science in the Public Interest

As the leading consumer analyst on food safety regulatory and legal reform, Ms. DeWaal represents CSPI before Congress and in the regulatory arena. She is co-author of *Is Our Food Safe? A Consumer's Guide to Protecting Your Health and the Environment*. Since 1999, she has maintained and annually published a listing of foodborne illness outbreaks organized by food source that now contains over 15 years of data. Ms. DeWaal has presented CSPI's outbreak database and on other food safety matters at over 100 scientific and public policy conferences, including the American Public Health Association,

International Association for Food Protection and the American Society for Microbiology. She has participated in numerous World Health Organization consultations on food safety and is currently an expert advisor on its Integrated Surveillance of Antibiotic Resistance project. She represents the International Association of Consumer Food Organizations at the Codex Committee on Food Hygiene, and has participated in several national advisory committees to USDA and FDA. She chaired the Editorial Board of the Food and Drug Law Journal and is a member of the International Association of Food Protection. Ms. DeWaal graduated from the University of Vermont and Antioch School of Law. She is also a part-time professor at the George Washington University Department of Environmental and Occupational Health. A Vermont native and Maryland resident, Ms. DeWaal studies ballet and rides horses in her spare time. Email: cdewaal@cspinet.org

Steven M. Solomon, DVM, MPH

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Dr. Solomon is responsible for aspects of domestic and international policy in ORA as well as furthering the development of risk management within the organization. He has worked at FDA since 1990 in various capacities including in the Center for Veterinary Medicine as a veterinary medical reviewer and in the Office of Regulatory Affairs, Office of Enforcement and Office of Regional Operations. Dr. Solomon has a DVM degree from Ohio State University and a Masters of Public Health from Johns Hopkins University. Prior to joining FDA, he owned and operated a private veterinary practice. Email: Steven.Solomon@fda.hhs.gov

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Dr. Starbird has taught at the Leavey School since 1987, where he is professor of Operations and Management Information Systems. He has been interim dean since July 2009. His research is in quality control and management, supply chain management, food safety, and contracting. He has held a number of leadership posts, including as Director of the Food and Agribusiness Institute, chair of the Undergraduate Leadership Team, and as faculty director of the School's Undergraduate Business programs. Dr. Starbird is widely published in refereed journals and his scholarship has been recognized with a number of awards, including "Outstanding Contribution" to the *Journal of Agricultural & Resource Economics* and "Best Article" for the *Journal on Chain and Network Sciences*. He has also been awarded four Leavey School of Business Extraordinary Performance Awards, an ACE Outstanding Faculty Award, and the Dean's Award for Teaching. Dr. Starbird is a long-time member of the board of directors of the Second Harvest Food Bank of Santa Clara and San Mateo Counties, and consults with companies as diverse as Becton Dickinson Immunocytometry Systems and Fresh Express. He received his B.S. from the University of California, Davis, his MBA from Santa Clara University, and his Ph.D from Cornell University. Email: SStarbird@scu.edu

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Dr. Todd conducts research with faculty in different disciplines for understanding consumer food safety preferences, better food recall strategies, improved hygiene in child care centers and elder care facilities, safe product labeling and communication issues, risk assessment and management, harmonization of *Listeria* regulations and discussing issues surrounding consumption of raw milk and raw milk cheese. He also conducts research through the Food Safety Research Consortium, and serves on its steering committee. Dr. Todd previously served as the Director of the Food Safety Policy Center and the National Food Safety and Toxicology Center, both at Michigan State University. He was formerly in Health Canada, Ottawa, where he worked on methods development for pathogens in foods, foodborne disease investigation and reporting, costs and surveillance of disease, and risk assessment of foodborne pathogens. He received his B.Sc. in Bacteriology and his Ph.D in Bacterial Systematics from Glasgow University, Scotland. Email: todde@msu.edu

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Dr. Unnevehr manages a division of over 50 professional economists who conduct research on food demand, food assistance, diet and health, food safety, and food markets; and administers ERS investments in consumer data and in extramural research on food assistance programs. Prior to joining ERS in 2008, Dr. Unnevehr was on the faculty of the Department of Agricultural and Consumer Economics at the University of Illinois at Urbana-Champaign from 1985 to 2008. Dr. Unnevehr received her Ph.D. and M.A. from the Food Research Institute, Stanford University, and her B.A. in Economics from the University of California at Davis. Dr. Unnevehr is recognized for original contributions in food demand and food policy evaluation. In 2009, she was made a Fellow of the Agricultural and Applied Economics Association. Email: lunnevehr@ers.usda.gov

Revised February 8, 2010