# **Committee Member Biographies**

## Eva Ames, DSV Air & Sea Inc.

As Vice President of DSV's Global Key Accounts in the Automotive / Mobility Enterprise Vertical, Ms. Ames is DSV's leading subject matter expert for lithium-ion batteries. Ms. Ames advises clients—who produce everything from micromobility scooters to batteries, passenger cars, and heavy equipment—on logistics and supply chain strategies relating to electrified and future mobility challenges. Ms. Ames has a degree in Mechanical Engineering from the Rochester Institute of Technology and joined DSV after working as an engineer at Honda R&D Americas, Tesla Motors, and Electric Last Mile Solutions. She also previously worked as a regulator for light duty passenger vehicles at the U.S. Department of Transportation's National Highway Traffic Safety Administration, prior to her 6 years with Mahindra Automotive North America, where she was the Director of Logistics.

## Marcus Boolish, PRBA - The Rechargeable Battery Association

Mr. Boolish serves as the Director of The Rechargeable Battery Association (PRBA). In this role, he represents PRBA and its members on issues associated with the safe manufacturing, handling, transport, storage, recycling, and disposal of lithium batteries. He also represents PRBA at international transportation forums, such as the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods (UN SCOE TDG), the International Civil Aviation Organization's (ICAO) Dangerous Goods Panel, and the International Maritime Organization. Prior to joining PRBA, Mr. Boolish worked for Energizer for 26 years and serves on the boards of multiple product safety and industry groups. He holds a Bachelor of Science degree in Chemical Engineering from the University of Toledo.

#### Captain Bob Brown, Coalition of Airline Pilots Associations

Captain Brown currently serves as the Vice President of the Coalition of Airline Pilots Associations. He is also a Boeing 757/767 Captain at UPS Airlines and a member of the Independent Pilots Association (IPA). Captain Brown most recently served as Chairman of the IPA Safety Task Force, which led to the development of a third-party validation process for transporting batteries on aircraft. These efforts have led to speaking opportunities in the United States, Canada, Europe, China, and Japan. He has also conducted briefings congressional members and their staff on this safety initiative. Other government roles include participation on the Federal Aviation Administration's (FAA) Aviation Safety Information Analysis and Sharing Aviation Rulemaking Committee, the High Energy Fire Training Enhancements Working Group, and the Commercial Aviation Safety Team. He has also served as IPA Communication Chairman, Safety Chairman, Director of Airline Safety & Training, and IPA Executive Board Vice President. Apart from aviation interests, he serves on the Advisory Board for Opals Dream Foundation, a charity he helped form in 2011. Captain Brown holds a Bachelor of Arts degree in Communication from the University of Wisconsin, Milwaukee.

# Douglas Carr, National Business Aviation Association (NBAA)

Mr. Carr is NBAA's Senior Vice President of Safety, Security, Sustainability and International Operations. He is responsible for leading the association's broad regulatory and policy agenda affecting business aviation safety, security, sustainability, and aircraft operations in the United States and around the globe. Mr. Carr has led or participated in aviation rulemaking and policy efforts, including FAA's Fractional Ownership Aviation Rulemaking Committee, FAA's Part

125/135 ARC Flight and Rest Subcommittee, the Takeoff and Landing Performance Assessment, ARC, the Transportation Security Administration's Large Aircraft Security Program proposal, and establishment of Custom and Border Protection's business aviation pre-clearance program in Shannon, Ireland. Mr. Carr also represents business aviation interests at the ICAO. He is a graduate of Southern Illinois University at Carbondale, where he received a Bachelor of Science degree in aviation management and an Associate of Science degree in aviation flight. Mr. Carr spent six years in the U.S. Navy where he worked onboard a nuclear-powered submarine and was responsible for many aspects of the submarine propulsion system, including the operation, maintenance, and repair of the nuclear reactor and support systems.

## James Davis, AccuFleet Testing

Mr. Davis is the President of AccuFleet Testing and CEO of AccuFleet International. Mr. Davis has been involved in aviation and aviation safety testing since 1986. He is a FAA Designated Engineering Representative and is an Engineering Unit Member for several aircraft manufacturers and modifiers that hold FAA Organizational Designation Authority. Mr. Davis has one of the few facilities actively testing lithium battery packaging for shipping by both air and ground. He has executive level leadership and detailed technical expertise in the areas of lithium battery testing, packaging testing, air cargo safety, and development of aviation safety standards. Mr. Davis also oversees an active ground handling operation, which includes the loading of cargo into international passenger and cargo aircraft. In this role, he has responsibility for Dangerous Goods compliance. He received his Bachelor of Science degree in Electrical Engineering from Rice University, and a Master of Science degree in Operations Research and MBA from the Southern Methodist University.

# Raju Desai, Apple

Mr. Desai serves as Senior Product Safety Engineer for Apple Inc. He is involved with the development of numerous product safety standards and global regulations that focus on safety issues regarding lithium batteries and cells, including requirements for global certification, hazards of thermal runaway, field failures, and safe battery/cell transportation. Mr. Desai has developed new requirements for the standard for secondary lithium batteries and cells; standardizing a test method to induce thermal runaways; and a packaging standard for the safe air transportation of lithium batteries and cells. He previously worked for Cisco Systems in hardware and software safety and product reliability development. His work resulted in an innovative design to protect telecommunication devices from lightning strikes and electrical surges and to developing a green protocol for routing information to control lighting and power consumption. Mr. Desai received his Bachelor of Science degree in Electrical Engineering and a minor in Mathematics from San José State University.

# **Doug Ferguson, Boeing**

Mr. Ferguson serves as an Associate Technical Fellow for Boeing. He is a member of the Boeing Working Group addressing issues related to the carriage of lithium batteries as cargo, and cochair of the Society of Automotive Engineers (SAE) G-27 committee. Mr. Ferguson has supported ICAO Panels, and co-authored and presented the International Coordinating Council of Aerospace Industries Associations (ICCAIA) Working Paper to the ICAO Dangerous Goods Panel (DGP). He is currently ICCAIA's panel member to the ICAO DGP and is also supporting the Airworthiness Panel to provide recommendations for proposed wording changes to the aircraft cargo fire suppression requirements. Prior to this, Mr. Ferguson was a member of the Commercial Aviation Safety Team SE-126 Working Group tasked with identifying strategies to mitigate the hazards of carrying dangerous goods, particularly lithium batteries. He actively supported the National Transportation Safety Board investigations of the 747-400F UPS and Asiana accidents resulting from in-flight cargo fires involving lithium batteries. Since 1998, Mr. Ferguson has been an active participant in the International Aircraft Systems Fire Protection Working Group and is part of the International Coordinating Council of Aerospace Industries Associations Cargo Compartment Halon Replacement Working Group. Mr. Ferguson holds a Bachelor of Science degree in Physics from the University of Puget Sound and Bachelor of Science degree in Electrical Engineering from Columbia University.

#### Michael Henisse, Amazon

Mr. Henisse is the Senior Manager, World Wide Dangerous Goods Engagement at Amazon, and leads the Amazon Global Dangerous Goods Regulatory Engagement team. Mr. Henisse has served as a transportation logistics and supply compliance leader covering dangerous goods at Amazon, GM, and the US Coast Guard for nearly 35 years. Mr. Henisse has represented Amazon at the UN SCOE TDG, US Postal Service, meetings regarding the Agreement concerning the International Carriage of Dangerous Goods by Road and coordinating with the FAA and US Postal Service on dangerous goods issues. Mr. Henisse holds a Bachelor of Arts in Business Management from Northwood University.

#### Jennifer Littenberg, Hawaiian Airlines, Inc, Hawaii

Ms. Littenberg currently serves as Manager, Environmental and Dangerous Goods Compliance, for Hawaiian Airlines, Inc. She has more than eight years of planning, engineering, project management, quality control, and leadership experience dealing with a variety of environmental, transportation, facility, health, and safety related matters. Before joining Hawaiian Airlines, she was an Environmental Engineer at the Naval Facilities Command Hawaii. She holds a Bachelor of Science in Chemical Engineering from Colorado State University.

#### **Todd Mackintosh, General Motors**

Mr. Mackintosh is a Technical Specialist for Electrification Standards & Regulations at General Motors. He has held various engineering positions covering manufacturing, product development, standards, and regulations. Mr. Mackintosh currently chairs the SAE Battery Transportation Committee, and SAE Hybrid and Electric Vehicle Recommendations for First and Second Responders Task Force. He is also a member of the SAE G-27 Committee, and an expert for International Organization for Standardization TC22/SC36/WG7 developing standards for emergency response guides and propulsion identification. Mr. Mackintosh actively participates at the UN SCOE TDG Informal Working Group on Lithium Batteries and served as Director for PRBA since 2011. Mr. Mackintosh has been granted six patents and has been awarded General Motors' highest award for technical achievement, the Boss Kettering Award. SAE has also recognized Mr. Mackintosh with the James M. Crawford Technical Standards Board Outstanding Achievement. Mr. Mackintosh received a Bachelor of Science degree in Manufacturing Engineering from Miami University and holds a Master of Energy Systems Engineering degree from University of Michigan.

## Brandon Martin, Outdoor Power Equipment Institute

Mr. Martin serves as Director of Battery and Electronic Products for the Outdoor Power Equipment Institute. He is responsible for standard and regulatory initiatives that affect the industry, focusing on battery and electric product fields. Mr. Martin has lead committee activities around battery transportation and safety, and is primarily responsible for any extended producer responsibilities around battery recycling throughout the United States and Canada. He has more than 12 years of experience with product development and management of gas/battery/electric consumer and commercial, as well as robotic, products, and utility task vehicles in the outdoor power equipment industry. Mr. Martin holds a Bachelor of Science degree in Business Administration from the University of North Carolina.

## Dinkar Mokadam, Association of Flight Attendants-CWA

Mr. Mokadam analyzes Occupational Safety and Health Administration, FAA, and other federal agency regulations and guidance that affect flight attendants. He also participates on various regulatory and industry bodies that evaluate training, crew operations, and equipment design issues to recommend improvements to industry and regulatory standards and guidance. Mr. Mokadam has Masters of Science degrees in Public Health (Industrial Hygiene) and Aerospace Engineering (Structures/Dynamics).

## Kathleen O'Shei, Integer

Ms. O'Shei serves as the Director of Environmental, Health, Safety, and Security for Integer Holdings. Integer comprises Greatbatch Medical, Electrochem Solutions, and Lake Region Medical. For more than 16 years, Ms. O'Shei has overseen Integer's environmental, health, safety, security, and dangerous goods compliance manufacturing facilities worldwide with nearly 9,000 associates. She is currently Integer's subject matter expert on lithium battery transportation compliance. She is on the Board of Directors of the Medical Device Battery Transport Council (MDBTC); a member of the PRBA Transportation Committee; and a member of the SAE G-27 Committee. Ms. O'Shei has also participated in ICAO DGP meetings as a member of PRBA and/or MDBTC. Ms. O'Shei holds a Bachelor of Science degree in Chemical Engineering from the State University of New York.

#### William Reese, Commercial Vehicle Safety Alliance

Mr. Reese serves as Director of the Cooperative Hazardous Materials Enforcement Development program for the Commercial Vehicle Safety Alliance (CVSA). He is a former Level I and Level VI inspector, and was a Major and Operations Commander for the Idaho State Police, before joining CVSA. From 2014–2015, he served as CVSA President and has held other CVSA leadership positions. He served as an associate staff member at the Federal Motor Carrier Safety Administration, National Training Center, from 1995–2003. He served on the Hazardous Materials Cooperative Research Program oversight panel, and is an adjunct instructor for the Idaho State University Institute of Emergency Management, College of Western Idaho Law Enforcement Program, Texas A&M University Texas Engineering Extension Service, and the Idaho Office of Emergency Management. Mr. Reese is a graduate of the College of Southern Idaho Law Enforcement Program, Northwestern University School of Police Staff and Command, and the FBI National Academy.

#### Paul Rogers, International Association of Fire Fighters/PGR Group LLC

Mr. Rogers is the President and founder of the PGR Group LLC. He retired as a lieutenant from the New York City Fire Department (FDNY) after 32 years. While with the FDNY, Lieutenant Rogers worked Fire Prevention as a subject matter expert on energy storage systems. He has advised the New York State Energy Research and Development Authority on code development for safe and proper lithium-ion installations. Lieutenant Rogers was FDNY's representative for the Office of Technical Certifications and Review for Energy Storage Systems installations within the New York City Department of Buildings and wrote ESS operational guidelines. He is currently a voting member representing the International Association of Fire Fighters for National Fire Protection Association (NFPA) 855, UL 9540A, and participates with the International Fire Code Action Committee for Energy Storage Systems. Mr. Rogers helped developed a national online training course dealing with ESS and first responder operations for the NFPA.

#### **Tim Rogers, UPS Airlines**

Mr. Rogers is a Senior Manager Dangerous Goods with UPS Airlines where he has responsibility for the U.S. FAA-approved program. This includes oversight of UPS Airline's dangerous goods compliance and hazardous materials training programs, ensuring both U.S. and international regulations are met. Mr. Rogers serves on various industry and technical committees related to the safe transport of dangerous goods. Mr. Rogers holds a Master in Education degree from the University of Louisville and a Bachelor of Business Administration degree.

## Stephane Rossetti, Medtronic

Mr. Rossetti is the Senior Program Manager of International Trade & Dangerous Goods Compliance for Medtronic. In this role, Mr. Rossetti leads Medtronic's lithium battery activities at the manufacturing facility. He has more than 20 years of experience in supply chain and logistics with a focus on dangerous goods and trade compliance. Mr. Rossetti is the Chairman of the Technical Sub-Committee at the Medical Device Battery Transport Council, a coalition of medical device manufacturers dedicated to enhancing transportation safety. He is a participating and voting member of the SAE G-27 Group currently working on the development of new performance-based packaging standards for transporting lithium batteries by air. He is also involved at the UN SCOE TDG Working Group for the Lithium Battery Classification.

# Scott Schwartz, Air Line Pilots Association (ALPA)

Captain Scott Schwartz serves as Director of the Dangerous Goods Program at the ALPA and is a full-time MD-11 captain and line check airman flying and instructing worldwide with FedEx Express. Captain Schwartz serves as chairman of the International Federation of Air Line Pilots' Associations Dangerous Goods Committee, and as a member of the ICAO DGP. He is responsible for representing both the North American and worldwide pilot communities at various regulatory and industrial venues. Captain Schwartz has provided insight to working groups of the ICAO Flight Operations and Airworthiness Panels, and multidisciplinary ICAO working groups. Captain Schwartz has also participated in aircraft accident and incident investigations as a trained aircraft accident investigator. Captain Schwartz holds a Bachelor of Science degree in Chemical Engineering from the Massachusetts Institute of Technology and PhD in Chemical Engineering from the University of Minnesota.

## Tim Sheppard, Samsung Electronics America

Mr. Sheppard is the Vice President of Supply Chain and Logistics for Samsung Electronics America. In this capacity, he oversees the mobile supply chain for Samsung Electronics in the United States. He is responsible for the importation, warehousing, and distribution of all mobile products in the United States. Mr. Sheppard led Samsung's U.S. Note 7 recall, achieving a recovery rate of 97 percent. Prior to his role at Samsung, he was controller of Best Merchant Partners, a venture capital company specializing in education in the U.S. and Latin America. Mr. Sheppard holds a Bachelor of Engineering degree from Imperial College and a Master's degree in Business Administration from the Edinburgh Business School.

#### Michael Tobin, Alaska Airlines

Mr. Tobin serves as Dangerous Goods Senior Manager of Alaska Airlines. He is responsible for all aspects of the regulations and safety risks pertaining to hazardous materials, including lithium batteries in air transportation. Further, Mr. Tobin is a voting member of the SAE G-27 and Underwriters Laboratories (UL) Standards Technical Panel. Mr. Tobin served on the PHMSA-FAA hazmat Aviation Rulemaking Committee for Passenger Notification of Hazardous Materials Regulations. He holds a Bachelor of Business Administration degree from the University of Portland.

## Veronica Wilson, Walmart

Ms. Wilson is currently Director of Hazardous Materials Transportation for Walmart, Inc. During her 15-year tenure, her responsibilities have expanded to include forward and reverse logistics transportation for Walmart Inc., Sam's Club, and eCommerce. Ms. Wilson is also responsible for designing and delivering course content for multi-modal hazardous material transportation. In 2005, Ms. Wilson was an integral part of on boarding a third-party chemical assessment review process, which extracts critical transportation and disposal information to ensure compliant transportation and disposal. Ms. Wilson is on the Board of Directors for the Council on Safe Transportation of Hazardous Articles (COSTHA) and is Lead Chair of the COSTHA eCommerce Working Group. She is certified in the Department of Transportation (DOT), IATA, International Maritime Dangerous Goods Code (IMDG), and Resource Conservation and Recovery Act regulatory compliance, and is a licensed pyrotechnician.

#### David Wroth, UL

Mr. Wroth is the Director, Data Science, at UL Inc. Mr. Wroth currently focuses on collecting and analyzing safety data from a variety of sources to uncover safety trends, improve standards, and inform research. Previously, Mr. Wroth managed UL transformation and information technology initiatives related to UL standards, testing and certification, and surveillance services. Throughout Mr. Wroth's career, he has championed the innovative use of data to support operations in critical safety fields. At UL, he teamed with stakeholders and researchers to develop the Thermal Runaway Incident Program, capturing critical data on lithium battery incidents in aviation. He also formed the first Data Science team at UL and leveraged their expertise to apply composite indicators to estimate comparative levels of national safety. He was instrumental in the conceptual development of an information platform to capture additional data on product safety through conformity assessment and laboratory operations. Before joining UL, he applied data analytics to improve nuclear power plant maintenance and parts logistics, and created an information solution to remediate key Year 2000 vulnerabilities in hospitals and power plants. Mr. Wroth is a retired U.S. Army officer. He received his Bachelor of Science in Nuclear Engineering in 1982 from Purdue University and an MBA in 2011 from the Lake Forest School of Management.