

## 2010 World Cargo Symposium Speaker Biographies Dangerous Goods



**P. Balasubramanian**  
**Manager Cargo Global Operations Services Manager**  
**Emirates SkyCargo**

Known as Bala to his colleagues, he hails from southern India and has a career spanning 32 years plus with the airline industry. His experience across the board covers passenger, ramp and cargo areas - in the field, at the headquarters and in training.

Initially a Member of the IATA Cargo Agency Training Board, later he joined IATA Dangerous Goods Board and is its current Vice Chair. Bala is advisor to UAE in the ICAO DGP as well.

A prolific international speaker on Dangerous Goods and Ground handling areas, he is Manager Cargo Global Operations Services with Emirates SkyCargo at its headquarters. His areas of responsibilities include global

- ♦ Operational Quality Assurance
- ♦ Standards and Procedures
- ♦ Ground handling agents for cargo and freighters

His academic background includes

- ♦ Bachelor's degree in Commerce with Economics and Statistics
- ♦ Bachelor's degree in Law
- ♦ MBA with specialisation in International Business Strategy

His passion is cricket and South Indian classical music. His family comprises of his wife, a French teacher and two daughters, all of them with multi faceted talents.



**David Brennan**  
**Head of Cargo Safety and Standards**  
**IATA**

David joined IATA in May 2002 as the Manager, Dangerous Goods Technical Services. In April 2004 David was appointed Assistant Director, Special Cargo Standards and then in December 2008 to the position of Head of Cargo Safety and Standards.

In that position David is responsible for all of the activities of the Montreal-based Cargo team who are jointly responsible for the IATA standards that address dangerous goods, live animals, perishable cargoes and unit load devices (ULD). David is the Secretary of the IATA Dangerous Goods Board and is also the Panel member nominated by IATA to the International Civil Aviation Organization (ICAO) Dangerous Goods Panel.

Before joining IATA David worked for Australia Post as a consultant on Aviation Security / Dangerous Goods compliance. Prior to that David worked for Ansett Australia for a period of 26 years holding a number of supervisory and management positions within the Operations Division, most recently as Corporate Advisor Dangerous Goods Compliance.

**Doug Burek, CTD, P. Log**  
**Director, Education**  
**Canadian International Freight Forwarder's Association Inc. (CIFFA)**

For the past 9 years, Doug has held overall responsibilities for all education and training initiatives CIFFA provides to its 230 Member companies.

Previously worked for both of Canada's 2 major airlines over 22 years, lastly as Manager, Special Cargoes at Air Canada.

Doug represents CIFFA and/or FIATA in the following:

- IATA DG Training Task Force.
- Dangerous Goods and Cargo Security.
- Canadian Supply Chain Sector Council.
- Several college Program Advisory Committees.

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His credentials include:

- Professional designations with the Canadian Society for Training and Development, and the Logistics' Institute.
- Diploma in Adult Education from St. Francis Xavier University.
- Business Management Studies Certificate from Sheridan College.
- e-Learning Specialist from Langevin Learning Services.

In his spare time, Doug is a part-time Fire-Fighter and Training Officer for the township where he lives.



**Harry Deo**  
**Principal Safety Engineer & Technical Director**  
**Onsite Product Safety & Certification Inc.**

Harry Deo is a product safety and certification engineer, with nineteen years of engineering experience, who guides the fuel cell, alternative energy and hi-tech company industries in building safe and certifiable products for the global market. He has worked for several companies and has certified several products. He was a major contributor to the safety risk analysis assessment, for the passenger carry-on allowance provisions for micro-fuel cells in 2005 and 2006, leading to the white papers presented to USDOT and ICAO for discussions. USDOT recommended the use of Harry's risk assessment document as the template for the risk assessments of all other micro-fuel cell technologies. Harry is also a member of the IEC 62282-6 micro-fuel cell safety standard, which is used to mandate some of the certification requirements for the safety of passenger carry-on

allowance of micro-fuel cells. Harry is also the principal of Onsite Product Safety & Certification Inc.



**Trevor Howard**  
**Manager, Dangerous Goods Compliance & Special Cargo**  
**Air Canada**

Trevor's ten years of airline operational experience with Air Canada Cargo is detailed as follows: January 2008, promoted to the position of: Manager, Dangerous Goods Compliance & Special Handling Cargo. This position is responsible for all aspect of handling dangerous goods including:

- Issue corporate policy on carriage/handling of dangerous goods for cargo, passenger handling, baggage, ramp and security staff.
- Participate on dangerous goods inspections with Transport Canada. These inspections include all aspects of the airline: cargo, ramp, passenger service, flight ops and stores and are always performed jointly with the local Civil Aviation Authority of the country where the inspection is being conducted.
- Assist in the development of the yearly dangerous goods training program for all classifications and present to Transport Canada for approval. This includes both initial and recurrent training programs.
- Develop and maintain dangerous goods acceptance check lists for all categories of dangerous goods, including radioactive materials.
- Maintain dangerous goods training records for all classifications in conjunction with Training and Development department.
- Owner of the Air Canada publication 173: Cargo packaging and Handling & 430: Dangerous Goods Training
- Conduct Corporate Safety / Quality Audits as a team leader. Involved with IOSA audits as SME.
- Responsible for all incidents/accidents involving Dangerous Goods which occur from the handling of dangerous goods as cargo. Execution of both short and long term corrective action plans.
- Direct the inter-company Dangerous goods handling committee.
- Represent Air Canada on the IATA Dangerous Goods Board.
  - Participated as an observer at DGB 93 in Montreal and DGB 94 in Singapore.
  - Elected as DGB board member July 2009
  - Participated as board member at DGB 95 in Geneva
- Represent Air Canada at the ATA Dangerous Goods and Facilitation Board.
- Represent Air Canada on the IATA Live Animals & Perishable Board
  - Participated as an observer at LAPB-20 / TTTF-1 and LAPB-21 / TTTF-2
  - Elected as LAPB board member July 2009

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- o Participated as a board member at LAPB-23 / TTTT 4

December 1, 2008 Trevor was selected to be part of the IATA task force regarding the Shipper's Declaration of Dangerous Goods electronic message. Air Canada is currently one of five airlines participating in this initiative. Air Canada will be conducting the proof of concept in the coming months.



**Pat Oppenheimer**  
**Senior Manager, DG & Safety Programs**  
**FedEx**

Since 2004 Patrick Oppenheimer has held the position of Senior Manager FedEx Safety. Prior to that, he held positions at FedEx as Manager Dangerous Goods Administration and Technical Advisor Dangerous Goods Safety, as well as other various positions since 1974, all with FedEx.

Patrick is also the current Chairman of the IATA Dangerous Goods Board and has also participated in multiple regulatory and industry meetings including ICAO DG Panel, ICAO Working Group, UN Sub Committee of Experts Meetings, Air Transport Association (ATA) DG Board Member, Radiopharmaceutical Shippers and Carriers Conference (RSCC) Board Member. COSTHA Board Member.

As well, he has authored numerous dangerous goods articles in major trade publications and is a previous DG Instructor for both employee and shippers of dangerous goods training classes throughout the world.



**Mr. Duane Pfund**  
**Director of International Standards for the Office of Hazardous Materials Safety,**  
**Pipeline and Hazardous Materials Safety Administration**  
**U.S. Department of Transportation (US DOT)**

Mr. Duane A. Pfund is the Director of International Standards for the Office of Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation (US DOT). He is responsible for representing the US DOT at international dangerous goods transport forums including the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods, the ICAO Dangerous Goods Panel, the International Maritime Organization Dangerous Goods, Solid Cargos, and Containers Sub-Committee, and the Economic Commission for Europe's Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods. He has the lead role for the US DOT in the development of dangerous goods transport regulations that align the US Hazardous Materials Regulations (HMR) with international standards.

Mr. Pfund has 20 years of dangerous goods packaging and transportation safety experience, with a particular focus on the transport of dangerous goods by air.



**Katherine Rooney**  
**Dangerous Goods Programme Manager**  
**International Civil Aviation Organization (ICAO)**

Katherine joined ICAO in February 1993 as the programme manager for dangerous goods. She is the Secretary of the ICAO Dangerous Goods Panel and is responsible for Annex 18 — *The Safe Transport of Dangerous Goods by Air* and all associated dangerous goods documentation, including the *Technical Instructions*. In addition to representing ICAO at the UN Sub-Committee of Experts on the Transport of Dangerous Goods, the International Atomic Energy Agency and other relevant UN bodies, she is an ICAO certified Safety Oversight Auditor for dangerous goods.

A chemist by training (holding a Ph.D. in catalytic inorganic chemistry), Katherine was a lecturer in environmental chemistry in Ireland. Prior to joining ICAO, Katherine worked in London for EXIS and SITA, and was responsible for developing computer based systems for dangerous goods by all transport modes.

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**KEYNOTE:**

**Stephen V. Schulte, CHMM, CPP, DGSA**  
**Corporate Director, Global Transportation Compliance**  
**Ecolab, Inc.**

Steve is Corporate Director, Global Transportation Compliance, for Ecolab, Inc.

In this role, Steve's responsibilities include formulating, directing, and controlling organizational-wide strategies to address global compliance with dangerous goods transportation regulations. He started his journey in Dangerous Goods Transportation with Airborne Express. After experiencing the nuances of dangerous goods transportation as a carrier, he then moved on to work as a shipper for Sigma/Aldrich Chemical Company and Fisher Scientific. He also spent time working with infectious substances for the Diagnostics Division of Abbott Laboratories.

He is a current Board member and Past Chairman of the Dangerous Goods Advisory Council, and current Chairman of the Dangerous Goods Advisory Council International Regulations Committee. He is past Chairman of the Chemical Packaging Committee of the Institute of Packaging Professionals; a Certified Packaging Professional and a Master Level Certified Hazardous Materials Manager with the Institute of Hazardous Materials Management. In addition, he is a Dangerous Goods Safety Advisor. He is actively involved as an industry delegate to the United Nations Committee of Experts on Transport of Dangerous Goods.

Steve rides a motorcycle for relaxation and smokes cigars for meditation. He seeks out sharp witted people to banter with and keep him challenged.



**Steve Smith**  
**Director Supply Chain Management**  
**IATA Cargo**

Following service in the Royal Navy, Steve joined British Airways World Cargo in 1996, as the Head of Revenue Optimisation in Cargo Revenue Management. This was followed by a three-year period in the change management programme at BA World Cargo, specifically focused on the implementation of BA's New World Cargo Centre. In 2001 he became head of the Planning and Development within the London Heathrow cargo operation, after which he was appointed General Manager for the cargo business in Africa responsible for Sales and Customer Service.

Steve joined IATA in April 2006, as Director Cargo Standards and Safety in Montreal before being appointed as Director IATA e-freight in May 2007 followed by Director Supply Chain Management in November, based in Geneva.

**Anna Stukas**  
**Director, Intellectual Property and Regulatory Affairs**  
**Angstrom Power Incorporated**

Anna Stukas is the Director of Intellectual Property and Regulatory Affairs at Angstrom Power Incorporated, a privately held Canadian developer of hydrogen micro fuel cell systems for portable power applications. Her responsibilities at Angstrom include patent portfolio management, technology licensing, standards development and creation of international regulations.

Anna is the Chair of the Portable Power Working Group for the United States Fuel Cell Council and serves as a technical expert on a number of international standards committees focused on the development of safety standards for hydrogen and fuel cells. She has been an active participant in the creation of international regulations that now allow carriage of fuel cells onboard passenger aircraft, and regularly contributes to meetings of the UN Subcommittee of Experts on the Transport of Dangerous Goods and ICAO Dangerous Goods Panel in support of hydrogen and fuel cell activities. Anna received her Bachelor's Degree in Mechanical Engineering (Co-op) from the University of Victoria, in Victoria, Canada.

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**Brendan Sullivan**  
Manager, Cargo Standards  
IATA

As part of the editorial team for the IATA Dangerous Goods publications, Brendan works with airline representatives from around the world. He is responsible for the Dangerous Goods Training Task Force, an industry group of dangerous goods instructors and provides support for IATA's dangerous goods publications and assists in the development of new products and services.

Prior to joining IATA as Manager, Cargo Standards in November 2007, Brendan worked for Air Canada Cargo for over 7 years. With Air Canada Cargo Brendan was a dangerous goods acceptance specialist, training instructor delivering categories 1,3,4,5,6,7 and 8 to both internal and external customers. Most recently Brendan was the Manager, Cargo Procedures & Special Handling responsible for the development and implementation of procedures for safe and efficient cargo handling including Dangerous Goods, Live Animals and Perishable Cargo.

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**Herman Teering**  
Managing Director  
DGM Software Development Group

Herman Teering was born in the Netherlands in 1968.

Before coming to DGM in 1997, he was a logistics expert in the Dutch army. He worked for 5 years as a logistics coordinator for Explosives and Fuel distribution and 5 years as expert on International movement of equipment, ordnance and personnel.

Herman first joined DGM as a member of the Special Project team at DGM NL. In the years that followed he held senior management positions in DGM Systems and DGM Support, the head office of the international DGM network.

Since 2003 he is Managing Director of DGM Software Development Group, an IT company specialized in databases, tools and solutions for all modes of transport, production, storage, handling and waste of Dangerous Goods

Herman is married to Pauline and has one son.

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**Robert P. Wichert**  
Technical Director  
US Fuel Cell Council

Robert P. Wichert is a professional engineer and the Technical Director of the US Fuel Cell Council. In that capacity he manages Fuel Cell Council working groups, task forces and focus groups responsible for Fuel Cell Power Systems, Fuel Cell Power System Transportation, Cargo Transportation of Fuel Cell Vehicles and related regulatory affairs. He also serves as a chairman and an expert on a variety of North American and International safety, performance, installation and related fuel cell standards.

He previously served as a Research Associate at the Desert Research Institute where he was responsible for shipment of fuel cells and hydrogen stored in metal hydrides to and from a variety of demonstrations and venues.

Robert Wichert was awarded the International Electrotechnical Commission "1906 Award" in 2009 for his work to further international standards for the safety, performance and installation of fuel cells and their systems.

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