



## **2<sup>nd</sup> APEC Blood Supply Chain Policy Forum**

Anaheim Marriott  
Anaheim, California, United States  
23 October 2015

### **SPEAKER BIOGRAPHIES**

**APEC Life Sciences Innovation Forum**

**Dr. Maureen M. Goodenow**

Maureen M. Goodenow, Ph.D. is Professor of Pathology, Immunology, and Laboratory Medicine in the College of Medicine at the University of Florida. She holds the Stephany W. Holloway Endowed Chair for HIV/AIDS Research and is the Director of the Center for Research in Pediatric Immune Deficiency. Professor Goodenow has a research program in molecular epidemiology, pathogenesis, and vaccines for HIV-1 and related viruses, such as human papillomaviruses that cause cancer. Her research involves implementation of technology, including high-throughput next generation genomics, bioinformatics and systems biology, to solve problems of human-pathogen interactions from a global health perspective. Her interests include the role of governments in developing and implementing global health policies and how security and economics influence global health policy and programs.

Professor Goodenow received a Ph.D. in molecular genetics from the Sue Golding Graduate School at the Albert Einstein College of Medicine in New York. Following a postdoctoral fellowship in molecular oncology at the Sloan Kettering Institute in New York, she was a visiting scientist at the Pasteur Institute in Paris before accepting a faculty position at the University of Florida in the College of Medicine. She has published over 100 articles and book chapters, serves on the editorial boards of numerous journals, was appointed as a special advisor to the Vice Chancellor of Research for the City University of New York, advises the NIH on merits of scientific proposals and the Trans-NIH Plan for HIV-Related Research in the Office of AIDS Research, and is a former member of the AIDS Research Advisory Committee for the Division of AIDS in the National Institute of Allergy and Infectious Diseases at NIH.

In 2012, Dr. Goodenow was selected as a Jefferson Science Fellow, a prestigious program for senior academic scientists to provide advice at the Department of State and the National Academies of Sciences. Currently she continues as a Senior Advisor for Health, Science, Technology, and Innovation at the Department of State in the Office of Economic Policy in the Bureau of East Asia Pacific Affairs [EAP/EP], the lead office for US engagement in APEC [Asia Pacific Economic Cooperation], where her expertise is applied to a portfolio of projects related to the economics of health and universal health care, higher education, science/ technology and innovation, as well as economic advantages for increasing roles for women and facilitating travel mobility for business, research, and higher education.

**Miriam A. Markowitz**

Miriam A. Markowitz is the chief executive officer of AABB. In this capacity, she is responsible for providing the overall leadership and direction to this \$25 million organization and its staff of approximately 100 to ensure effective administration of association policies, programs and activities as set in cooperation and consultation with the volunteer leadership of AABB.

In addition, she serves on the board of directors for the National Marrow Donor Program as vice chair. She is an adjunct professor at Georgetown University, teaching strategic planning and business planning and development within the Master of Science in Health Systems Administration program. Markowitz also recently completed two terms as mayoral appointee to the District of Columbia Board of Medicine, serving as consumer member.

Prior to joining AABB, Markowitz was chief operating officer at Georgetown University Medical Center — or GUMC — an academic medical center with a three-part mission of research, teaching and service. In this role, she served as strategy advisor and supported relationship development with outside organizations regarding program development, public-private partnerships, and regulatory and policy-

making issues. Prior to joining GUMC in 2011, Markowitz served as corporate vice president of strategy and business development at Children's National Medical Center.

Markowitz received a Bachelor of Arts degree in economics from Brandeis University and a Master of Science degree in health policy and management from Harvard School of Public Health.

### **Dr. Ananda Gunasekera**

Dr. Gunasekera is the Deputy Director General of Health (Medical Services) for the Ministry of Health of Sri Lanka. Prior to her appointment in 2012, she served as the Director of National Blood Transfusion Service since 2009 and Provincial Director of Health Central Province from 1999-2002. She served as President of the Asian Association of Transfusion Medicine and has published numerous papers on blood safety and transfusion. Dr. Gunasekera was a member of the medical faculty at the University of Colombo in Sri Lanka from 1975-1980 and Post Graduate Institute of Medicine from 1995-1996.

### **Dr. Saba Jamal**

Dr. Jamal is the Director of The Indus Hospital Blood Center (TIHBC), Karachi, Pakistan. She is a Diplomate American Board of Anatomic and Clinical Pathology and Diplomate American Board of Hematology. TIHBC is the first centralized blood center of Pakistan, working since December 2013 to bring a paradigm shift from family replacement donors to voluntary donors in Pakistan. With the mission to; mobilize the nation towards 100% voluntary blood donation. With the vision to; provide safest possible blood meeting international standards to all segments of the society without any discrimination. It is already providing safe blood to 6 hospitals including the 500 bed second largest children's hospital of Pakistan.

### **Dr. Sally Thomas**

Dr. Thomas is the Director of International Services for the Australian Red Cross Blood Service - responsible for the co-ordination and strategic leadership of engagement with international health organisations and blood services. Dr. Thomas also leads the Secretariat for the Asia Pacific Blood Network (APBN), the Global Advisory Panel on Corporate Governance and Risk Management of Blood Services in Red Cross and Red Crescent Societies (GAP) and the Alliance of Blood Operators (ABO).

Dr. Thomas is the Director and Lead Technical Consultant for the Australian Red Cross Blood Service's International humanitarian program, and has extensive experience in this area, including provision of clinical and technical advice in policy and blood program development to Cambodia, Indonesia, Nepal, Vietnam, India and Papua New Guinea. Dr. Thomas is the lead technical consultant for the PEPFAR project in Cambodia, including country wide assessment, and development and implementation of the 5 year National Strategic Blood Plan. She has over 25 years' experience in clinical and medical administration having held previous roles as a private and hospital clinician with Fremantle Hospital, the Australian Blood Service and the Western Australian Health Department.

### **Lieutenant Commander Frederick Matheu**

LCDR Matheu is the Director for the Joint Blood Program Office at the United States Pacific Command Surgeon in Hawaii. He is a certified Specialist in Blood Bank by the American Society of Clinical Pathologists and is responsible for providing oversight and guidance to 12 blood bank facilities in the Pacific, develop military plans for blood support, develop blood specific Clinical Practice Guidelines and manage the Blood Safety Program under the Theater Security Cooperation Plan in direct support of U.S. Embassy Country Missions in South East Asia. The U.S. Pacific Command Blood Safety Program includes activities in Lao P.D.R., Cambodia and Vietnam.

**Dr. Shimian Zou**

Dr. Shimian Zou, Ph.D. is a Health Scientist Administrator at the Blood Epidemiology and Clinical Therapeutics Branch (BECTB), Division of Blood Diseases and Resources (DBDR), National Heart, Lung, and Blood Institute (NHLBI), part of the National Institutes of Health (NIH). In this role, Dr. Zou plans and directs research on the epidemiology and clinical therapeutics related to blood diseases, disorders and resources, especially research to assure the adequacy and safety of the blood supply both domestically and internationally.

Dr. Zou received his training in medicine and Master of Medicine (equivalent to MHSc or MSc in epidemiology in North America) from Wuhan Medical College (later renamed Tongji Medical University and Tongji Medical College of Huazhong University of Science and Technology) in China. He worked as an associate in public health and then as a lecturer in epidemiology at the same school before he went on to study in the National Viral Hepatitis Laboratory in Canada. He obtained his PhD in microbiology and immunology from University of Ottawa also in Canada.

Prior to joining the NHLBI, Dr. Zou worked at the Holland Laboratory for Biomedical Sciences of the American Red Cross as a senior scientist and the principal investigator for the surveillance and epidemiology program of the transmissible diseases department, following a short tenure at the Western Pacific Regional Office of the World Health Organization. Before he came to the United States, he worked at the Laboratory Centre for Disease Control and then the Centre for Infectious Disease Prevention and Control of Health Canada as a research scientist and the head of the respiratory virus laboratory as well as a senior epidemiologist and then a section chief with the bloodborne pathogens division.

**Dr. Yuyun SM Soedarmono**

Dr. Soedarmono serves as Staff at the Directorate of Basic Health Care within the Ministry of Health of Indonesia. Previously, she was the Coordinator of the Master Program on Biomedics Specialty in Transfusion Science at Indonesian University and Director of the Central Blood Transfusion Service at the Indonesian Red Cross. She has spoken at numerous international conferences on blood safety as well as the APEC forum on Economic Study. Dr. Soedarmono earned a PhD in Biomedics from the University of Indonesia, MSc. In Virology from the University of Adelaide in South Australia and M.D. from Padjadjaran University in West Java.

**Dr. Mariela Delgado**

Mariela Delgado currently serves as National Blood Program Coordinator and Executive Director of the Organization for Donation and Transplants (ONDT). She is a specialist in clinical hematology and pathology, and has managed a number of blood banks since beginning her career in 1994. She is a member of the Peruvian Society of Management Health Services and President of the Peruvian Society of Hemotherapy and Blood Bank. Dr. Delgado has attended the University of Barcelona in addition to several universities in Peru.

**Dr. Matthew J. Kuehnert**

As Director of the Office of Blood, Organ, and Other Tissue Safety, Dr. Kuehnert coordinates investigations, surveillance, and policy at CDC for the improvement of transfusion and transplant outcomes and initiation of public health interventions to ensure patient safety in this area, including development of biovigilance in the United States.

Dr. Kuehnert completed his undergraduate education at the University of California at San Diego and received his medical degree from Columbia University's College of Physicians & Surgeons. He trained in Internal Medicine at Stanford University and the University of California at San Francisco, and in Infectious Diseases at Emory University. Before his present position, Dr. Kuehnert was the Assistant Director for Blood Safety in the Division of Viral and Rickettsial Diseases, and started at CDC in 1996 as an Epidemic Intelligence Service (EIS) Officer in the Hospital Infections Program.

Dr. Kuehnert has been a vital contributor in the understanding and prevention of transfusion- and transplant-transmitted infections. He is a recognized expert on many aspects of patient safety over the course of his career, including blood safety, healthcare preparedness, antimicrobial resistance, and emerging infections, having authored over 50 publications in the peer-reviewed literature.

### **Dr. Noryati Abu Amin**

Dr. Noryati Abu Amin is currently serving as the Director, National Blood Centre, Kuala Lumpur and Head of Service for Transfusion Medicine, Ministry of Health, Malaysia. She received her undergraduate training in RCSI, Dublin, Ireland and was trained as a Haematopathologist in University Sains Malaysia, Kubang Kerian in 2000. She has since then worked in the field of Transfusion Medicine and Haematology including over ten years as a Medical Officer in the Blood Transfusion Safety team in World Health Organization, Geneva.

She has been involved in the development and implementation of policies, standards, guidelines, advocacy and training materials for blood and transfusion safety. She has had experience in providing technical support in countries for national blood system strengthening and towards achieving universal access to safe blood products while ensuring the quality of care and safety of patients, blood donors and health-care workers throughout the transfusion chain. Other key areas of interest include patient safety and quality of care; health in emergency and disaster situation and impact of globalization, market forces and technology on plasma-derived medicinal products and other therapeutic substance of human origin.

### **Dr. Gloria Estrada-García**

Dr. Estrada-Garcia holds a medical degree from the Faculty of Medicine of the University of Mexico (UNAM). She is a Specialist for Hematology Diagnostic Laboratory. She holds a diploma as a supervisor in the regulation of blood banks and is a Professor of Safe Blood and Blood components at the PAHO / UNAM School of Medicine.

Dr. Estrada-Garcia has been an Invited Professor in forums related to transfusion medicine. She has completed 15 research papers, 4 publications and 2 awards for research papers presented in Congresses. Dr. Estrada-Garcia is a Member of the Association for Hematology Diagnostic Laboratory.

From 2014-2015, Dr. Estrada-Garcia has served as the Technical and Research Director and Director of Normalization at the National Center for Blood Transfusion in Mexico.

### **Dr. Valerie Anne T. Tesoro**

Dr. Valerie Anne T. Tesoro is currently an active consultant in Anatomic and Clinical Pathology of the Department of Laboratory Medicine at the National Kidney and Transplant Institute. She has been with the Institute for almost 15 years including her residency training in Anatomic and Clinical Pathology, where she was Chief resident. She graduated from the Pamantasan ng Lungsod ng Maynila (University

of the City of Manila) in 1998 with a Medical Degree. She also holds a degree in Bachelor of Science in Medical Technology. She has advanced training in biosafety and as a biosafety officer.

She currently holds several positions as a clinical and anatomic pathologist in government and private hospitals in the Philippines. She has a very active participation in the Department of Health and holds key positions in several committees especially at the National Reference Laboratory and in the National Laboratory Network. She is in-charge of evaluating for the Food and Drug Administration (FDA) all commercial Blood Group Anti-sera reagents for use in all blood banks and blood service facilities in the Philippines. She is currently running the Immunohematology: Pilot National External Quality Assurance Survey (NEQAS) in Blood Group Serology.

She was a professor in Anatomic, Clinical and Surgical Pathology at the University of the City of Manila, College of Medicine. She was also an instructor in several Medical Technology Schools in Metro Manila. To date, she goes all over the Philippines in collaboration with the Department of Health conducting series of lectures in anatomic and clinical pathology as well as in biosafety. She is also very active in the residency training program in anatomic and clinical pathology at the Institute.

### **Dr. YanYun Wu**

Dr. YanYun Wu (Yen) is the Chief Medical Officer of Bloodworks (formerly Puget Sound Blood Center), she also serves as Medical Director and Laboratory Director of transfusion services for several hospitals, co-direct apheresis services, and provide medical oversight for transfusion recipient adverse events, patient blood management, and other service areas.

Currently, Dr. Wu serves as a Board Director for the American Society for Apheresis (ASFA), is on the ASFA practice guideline committee and has served on multiple ASFA committees. Dr. Wu is also a long-time member of AABB and has been serving on multiple committees. As an adjunct faculty member of Yale University, she continues to participate in a large NIH sponsored research project, the so called REDS-III project (Recipient Epidemiology and Donor Evaluation Study-III). She also promotes transfusion safety globally; in particular, she has been actively participating in transfusion medicine education in China and has joint faculty appointments at several medical institutions in China including Peking Union Medical College and the Chinese Institute of Blood Transfusion.

### **Dr. Jerry Holmberg**

Dr. Holmberg is the Director, Scientific Development at Grifols Diagnostic Solutions Inc. (GDS). Prior to this position he oversaw global medical affair in GDS' core business of blood safety through nucleic acid technology and blood group genomics. He has more than 30 years in all areas of laboratory medicine with a concentration on blood bank operations, research, education, and policy. He is the author of numerous publications, including book chapters.

Dr. Holmberg served twenty years in the U.S. Navy, achieving the rank of Commander. During his military career he held various positions directing blood banks, blood donor centers, frozen blood bank depots, blood bank computer systems and policy development within the Navy Blood Program. Upon leaving the military Dr. Holmberg held positions at Haemonetics Corporation involving medical devices for blood collection and cell processing of frozen blood within a closed system for extended storage.

For over eight years, Dr. Holmberg served the U.S. again in public health at the Federal level. He served two political administrations as the Senior Advisor for Blood Policy and the Executive Secretary for the

Advisory Committee on Blood Safety and Availability for the U. S. Secretary of the Department of Health and Human Service (HHS). During his tenure, he led the Department to review various policy related to men who have had sex with other men (MSM), pathogen reduction technology, Hepatitis Action Plan, Biovigilance, blood inventory management and disaster planning.

### **Dr. Nabajyoti Choudhury**

Dr. Choudhury is Secretary General of the Asian Association of Transfusion Medicine (AATM). AATM has members from 18 countries and it has country chapters (branches) in 12 countries. Country chapters are autonomous in implementing AATM International manpower development programs like fellowship, wet workshops, conferences etc. AATM also runs quality development programs like EQAS and accreditation etc. AATM is actively working with other international organizations for joint working and developing Blood Transfusion Services (BTS) in Asian countries

Dr. Choudhury has 25 years of experience in transfusion medicine and also serves as Director & Head of the Fortis Memorial Research Institute. Fortis is a chain of 72 hospitals in India and abroad. Dr. Choudhury has established both university-affiliated and independent blood banks, supervised the blood bank accreditation program in Gujarat Province, India and established transfusion services in bone marrow transplant programs. He worked as a Technical Officer in WHO-HQ, Geneva. He also served in Indonesia, Maldives, Timor Leste under various agencies of United Nations. He visited 54 Blood centers in 42 countries. He is also the Founder Editor of the peer-reviewed Asian Journal of Transfusion Science, where he has published a number of articles and guided MD, DNB and PhD students. Dr. Choudhury holds MBBS, PhD and MBA degrees.

### **Karen Shoos**

Karen L. Shoos is currently Principal Investigator of AABB's International Technical Assistance program. She was previously Chief Executive Officer of AABB from 1994-2013. AABB is a professional standards setting and accrediting organization in the fields of blood and cellular therapies. Before moving to AABB, she held senior positions at the American Red Cross since 1984, including Acting Senior Vice President, Biomedical Services (1993 to 1994) and General Counsel and Secretary (1990 to 1993). Prior to the American Red Cross, Ms. Shoos was a lawyer in private practice. Ms. Shoos also serves on the board of Celldex Therapeutics, a company engaged in the development of immunotherapies to treat disease. She received her B.A. from Yale University and J.D. from Case Western Reserve University School of Law.

### **Dr. Elizabeth Y. Arcellana-Nuqui**

Dr. Arcellana-Nuqui is the Vice President of the Philippine Council for Quality Assurance of Clinical Laboratories, a position she assumed in 2013. Previously, she served as a professor and chairperson of pathology at the University of the Philippines College of Medicine as well as a consultant with the Department of Health National Voluntary Blood Services Program and various initiatives with the World Health Organization in Papua New Guinea and Fiji. Dr. Arcellana-Nuqui has delivered numerous lectures relating to blood infection and transfusion risks and has received numerous awards and fellowships for her work in the area of blood safety.

### **James P. Reilly**

Mr. Reilly serves as Vice President for AABB's Divisions of Global & Consulting Services coordinating the AABB's global interests and directing the global blood safety technical assistance projects to under developed nations. In this capacity Mr. Reilly coordinates the global activities of AABB, including

interests in transfusion medicine, blood banking, patient blood management, hemavigilance, and cellular therapies. To date, AABB has provided technical assistance in 16 countries and maintains formal relationships with professional societies throughout the world.

Prior to joining AABB in 2004, Mr. Reilly concurrently served as the President of the American Blood Resources Association (ABRA), a non-profit trade association representing the interests of source plasma collection and manufacturing companies, and Program Management Group, Inc. (PMG), a for profit professional association management and consulting firm beginning in 1990 and 1997 respectively. In those capacities he was responsible for leading a staff of 30, distributed in 3 offices (Washington, DC; Brussels, Belgium; and Annapolis, MD). These organizations activities included U.S. and international public, regulatory and legislative affairs; operation of multiple international certification programs; organization of conferences and educational program; and development and operation of a National Donor Deferral Registry, a U.S. FDA 510k registered medical device linking 350 independent collection locations, representing 12 million donations annually.

### **Chrispen Dandavare**

Chrispen Dandavare serves as Quality Management Systems Consultant for AABB Global Services. Previously, he worked in Nyangabgwe Hospital's HIV Reference Laboratory, the National Blood Transfusion Service for Botswana and the National Blood Service for Zimbabwe. He completed a Bachelor's Degree in Medical Laboratory Sciences from the University of Zimbabwe and an MBA from California InterContinental University.

### **Dr. Ria Syafitri**

Dr. Syafitri is the Head of Central Blood Transfusion Services at the Indonesian Red Cross. She has participated in international conferences on blood transfusion since 1996 and has authored several papers on blood safety and infection issues. She earned her medical degree from Gadjah Mada University in Yogyakarta, Indonesia, a Master's Degree in Biomedical Immunology from FKUI Jakarta and is currently enrolled in a Biomedical PhD program at FKUI Jakarta.

### **Maleqhoa Nyopa**

Ms. Nyopa manages the Lesotho Blood Transfusion Service within the Ministry of Health of Lesotho. She has been preparing the LBTS for accreditation with technical assistance from AABB since October 2012. Ms. Nyopa also guest lectures Medical Laboratory Science students at the National Health Training College in Haematology and Blood Transfusion. She earned a BSc in Applied Sciences from the University of Dublin in Ireland, specializing in Haematology and Blood Transfusion.

### **Paul Ashford**

Paul Ashford is Executive Director of ICCBBA, the international standards organization that is responsible for the ISBT 128 Information Standard for Medical Products of Human Origin. ICCBBA is a nongovernmental organization in official relations with the World Health Organization. From a background as a Clinical Scientist in transfusion medicine Paul moved into the IT field in the early 1980's. He obtained a Masters Degree in Computer Science and now has over thirty years experience working at the interface between the scientific, clinical and informatics interests in the field of transfusion and transplantation medicine.

**Dr. Kwang Huh**

Kwang Huh serves as Director of the Blood Safety Bureau of the Korean National Red Cross Blood Service. He previously served as Director of several regional Blood Centers in Korea and Head of Medical and Quality Management Office at the Chungbuk Blood Center after two years in the Korean Army. Dr. Huh is a member of the Korean Society for Laboratory Medicine and the Korean Society of Blood Transfusion. He earned a B.A. in Agriculture as well as his M.D. from Konkuk University in Chungju.

**Dr. Celso Bianco**

Dr. Bianco is currently the president of the International Society of Blood Transfusion (ISBT). He was born and grew up in São Paulo, Brazil and received his medical degree from the Medical School of São Paulo in 1966. In 1969, after residency in Internal Medicine, he became a fellow in Immunology at the New York University School of Medicine, N.Y., USA. He continued his research career at Rockefeller University in New York City and later at the State University of New York, where he became a Professor of Pathology. In 1982 he joined the New York Blood Center as the Director of Science and Technology and focused his work on infectious diseases of relevance for transfusion, donor screening, donor notification and counseling, and laboratory follow up of infected donors. In 1992, he assumed the position of Vice President, Medical Affairs of the New York Blood Center. In October 2000, after a term as volunteer President of America's Blood Centers (ABC), a not-for-profit association on independent blood centers in the U.S. and Canada, he joined the organization as Executive Vice President and became deeply involved in national and international medical policy-making related to blood banking and transfusion medicine. He retired from ABC in September 2012. He has been a member of advisory boards such as the HHS Advisory Committee on Blood Safety and Availability and the FDA Blood Products Advisory Committee, and the ISBT Transfusion Transmitted Infectious Diseases Working Party. He is currently a member of the Scientific Research Advisory Committee of Canadian Blood Services, and the Transfusion Transmitted Diseases committee of AABB and the Board of Directors of ICCBBA, the organization that manages the ISBT 128 information standard for medical products of human origin.