

The background image shows a cold chain facility. On the right, there are two large, silver electrical control panels mounted on a wall, each with a yellow warning label. To the left, there are several large, white, industrial-grade refrigeration units or walk-in freezers. The lighting is bright and even.

Philippines Cold Chain Standards and Innovation

Virtual Workshop

Presenters' Biographies and Qualifications

October 18-19, 2022 | 8:30-10:30 PM (EDT)

October 19-20, 2022 | 8:30-10:30 AM (PHT)



**Director, Energy
Utilization Management
Bureau**

**Philippines Department
of Energy**

Atty. Patrick T. Aquino, CESO III

Patrick T. Aquino currently the Director of the Energy Utilization Management Bureau (EUMB) under the Philippine Department of Energy (DOE). A Career Executive Service Officer (CESO) Rank III, he rose from the ranks and has served in various capacities in the DOE from the Office of the Secretary (OSEC), Information Technology Management Services (ITMS) and Energy Policy and Planning Bureau (EPPB). Recognizing the need for sustainable energy consumption, Director Aquino with the support of the DOE is aggressively implementing the Energy Efficiency and Conservation (EEC) Act and the Electric Vehicle Industry Development Act (EVIDA).



Raquel Brillantes-Echague

*Director, Resource-Based Industries Service
Board of Investments, Department of Trade and Industry
MBA, CES-Eligible
Licensed Chemical Engineer*

**Director, Resource-
Based Industries Service**

**Board of Investments,
Philippines Department
of Trade and Industry
(DTI)**

PRESENT RESPONSIBILITIES

- Supervises industry development projects and programs and industry promotion of resource-based industries, such as, agriculture, agro-processing, fishery, agriculture support services and infrastructure, forestry, cement, mining, and energy (power).
- Recommends policies to enhance competitiveness of supervised industries including Ease of Doing Business that contribute to favorable investment environment in the Philippines.

EDUCATIONAL ATTAINMENT

Masters in Business Administration - Ateneo Graduate School of Business
Bachelor of Science in Chemical Engineering - Pamantasan ng Lungsod ng Maynila

ELIGIBILITY

Career Executive Service Eligibility



Allan Javier

25 years of experience in Thermal Process Validations, Instrumentation and Service Solutions

CURRENT JOB POSITION:

Xylem Water Solutions Singapore Pte Ltd

Xylem Analytics Department

3A International Business Park, Tower B

#10-10/18, ICON@IBP, Singapore 609935

Position : Product Manager for Analytics; SEA Region (April 2018 to present)

Product Manager

Product Manager for Ebro; LAB in the Emerging Market

**Xylem Water Solutions
Singapore Pte Ltd**

EDUCATIONAL BACKGROUND:

Bachelor of Science in Biochemistry

Degree in Food Science

College of Arts and Letters

OTHERS:

- Thermal Process Authority (TPA)
- Knowledgeable in the planning, writing, implementing and execution of qualification and validation procedures in both Pharma/Healthcare and Food Industry



Alissa Lee

Alissa Lee serves as the Senior Country Manager for the Indo-Pacific and East Asia at the U.S. Trade and Development Agency (USTDA). In this role, Ms. Lee is responsible for business development, project preparation and evaluation, and project management of USTDA activities in two regions, the Indo-Pacific and East Asia. For the Indo-Pacific Region, Ms. Lee develops and manages the aviation and agribusiness portfolios. She also manages USTDA's U.S.-Indo-Pacific Standards and Technology Cooperation Program and USTDA's engagement with the U.S.-Southeast Asia Aviation Cooperation Program. In addition to her regional responsibilities, she is also co-lead of USTDA's worldwide agribusiness team, which advises Agency staff on current trends and market opportunities.

**Senior Country Manager,
Indo-Pacific and East
Asia**

**U.S. Trade and
Development Agency
(USTDA)**

Previously, Ms. Lee was the Country Manager for South Asia at USTDA, managing USTDA's energy projects in the region. Prior to this role, Ms. Lee was a Research Analyst supporting the East Asia region at USTDA.

Ms. Lee holds a Master of Science in Modern Chinese Studies from the University of Oxford, and a Bachelor of Science in Foreign Service from Georgetown University.



**Senior Director of
Standards and Safety**

**International Institute of
Ammonia Refrigeration
(IIAR)**

Tony Lundell

Tony Lundell is IIAR Senior Director of Standards and Safety.

Tony has over 45 years of experience in Utilities and Facilities Engineering, Operations, Maintenance, and Management.

Beginning as a hands-on technician, he progressed to fulfill many roles in the HVAC, Refrigeration, Plant Engineering, Facilities Engineering, and Manufacturing Engineering industries.

Before joining IIAR, he served in numerous supervisory-to-director level roles at Oscar Mayer Corporation, Sara Lee Corporation, Pepsico at Tropicana, Nestle, the National Archives and Records Administration, and Americold Logistics.

At IIAR, he facilitates and develops IIAR Standards, provides refrigeration industry technical assistance, develops and enhances our PSM/RMP activities, helps review and develop the Academy of Natural Refrigerants (ANR) Educational Program Modules, and he is a veteran presenter at industry related conferences and webinars.



Ferdinand L. Manfoste

Asst. Director Ferdinand Manfoste, a seasoned and experienced leader of the Philippines' Department of Trade and Industry (DTI) with Career Executive Service Eligibility holds the Assistant Director position of the Bureau of Philippine Standards. His work experience in the department covers a wide array of functions starting as a field technician with the Regional Operations group, specifically assigned in field offices of Palawan, Romblon, Regional Offices of DTI Region IV and soon as Special Assistant to the Office of the Undersecretary for Regional Operations Group and Consumer Protection Group. He eventually took on to leadership roles in DTI-National Capital Region, Fair Trade Enforcement Bureau and Bureau of Philippine Standards. Prior to joining the department, AD Manfoste graduated from University of the Philippines-Diliman with a Bachelor of Arts degree in Economics. He then pursued his Master's degree in Development Economics at the Institute of Developing Economies Advanced Studies in Tokyo, Japan and at China National School of Administration in Beijing, China.

Assistant Director

**Bureau of Philippine
Standards, Department
of Trade and industry**



**Senior Vice President of
Government and Legal
Affairs**

**Global Cold Chain
Alliance (GCCA)**

Lowell Randel

Lowell Randel currently serves as Senior Vice President of Government and Legal Affairs for the Global Cold Chain Alliance (GCCA). Lowell has over 25 years of experience working on food and agriculture policy issues in Washington, DC ranging from private sector representation to government service. For the past 12 years, he has been responsible for advancing the cold chain industry's interests with the government officials and helps association members deal with regulatory compliance. Lowell also actively works with GCCA development projects and advises on cold chain policies, standards and industry best practices.

Prior to joining GCCA, Lowell served as the Deputy Assistant Secretary for Congressional Relations at the United States Department of Agriculture (USDA). While in this role, Lowell worked closely with the Secretary of Agriculture and across all USDA agencies to coordinate legislative policy and functioned as a primary contact between the Department and Congress.

Lowell holds a Bachelor's degree in agricultural economics and Master's degree in agricultural development, both from Texas A&M University. He also holds a Juris Doctorate from George Mason University School of Law.



Douglas Reindl, Ph.D., P.E.

Douglas Reindl, Ph.D., P.E., Fellow ASHRAE is a registered professional engineer in the State of Wisconsin and a professor in the Department of Mechanical Engineering and director of the Industrial Refrigeration Consortium at the University of Wisconsin-Madison. Dr. Reindl has expertise in several areas related to industrial refrigeration systems with an emphasis on ammonia refrigeration including system safety, performance optimization, assessment of design alternatives, energy conservation measures, and field evaluation.

**Fellow and Course
Instructor**

**American Society of
Heating, Refrigeration
and Air-Conditioning
Engineers (ASHRAE)**

Professor

**University of Wisconsin-
Madison**



**Chief Trade-Industry
Development Specialist
of the Standards
Development Division**

**Bureau of Philippine
Standards, Department
of Trade and industry**

Ma. Teresita G. Del Rosario

MARIA TERESITA GAERLAN DEL ROSARIO Is the Chief Trade-Industry Development Specialist of the Standards Development Division, Bureau of Philippine Standards (BPS) Department of Trade and industry.

She manages the BPS Technical Committees Work and Standard Development Work for the promulgation of Philippine National Standards as well as the Philippines' participation to International Standardization in the ISO and IEC.

Prior to this, she led and managed the standards development program for the building construction, mechanical and transport products section.

She is a licensed Civil Engineer and her educational background includes a Bachelor's Degree in Civil Engineering at the University of Santo Tomas and a Master's Degree in Engineering Management at the University of Newcastle in Australia.

Paul Taylor



**Senior Commercial
Officer**

**U.S. Embassy in Manila,
Philippines**

Paul Taylor currently serves as the Senior Commercial Officer at the U.S. Embassy in Manila, Philippines. Between 2013 and 2022 he served in similar roles at the U.S. Embassies in Ghana and Indonesia. He brings to these positions more than twenty-five years of international business experience and strong knowledge of how the U.S. government can facilitate market access and development for U.S. companies in emerging markets.

Prior to his assignment to West Africa, Paul was the Director of the U.S. Commercial Center in Shanghai and the Deputy Principal Commercial Officer of the Consulate's Commercial Section. Previously he served as a Commercial Officer at the U.S. Embassy in Beijing, China, leading the U.S. Mission's efforts to create greater market opportunities for U.S. firms in the Information and Communications Technologies industry. In this role he was involved in high-profile market access issues for U.S. internet companies, helped pave the way for one of the largest U.S. acquisitions in China's IT hardware sector and smoothed operational difficulties for a major U.S. internet-based entertainment company. Paul is recognized within the U.S. business community as a thought leader on IT and telecom policy issues faced by foreign companies operating in China.

Mr. Taylor has spent most of the last 25 years in Mainland China, developing marketing and business development strategies for large and small U.S. companies. Between 2001 and his posting to Beijing, Mr. Taylor ran a consulting business in Shanghai, representing U.S. companies and government organizations in China. Prior to moving to China in the early 1990's, Mr. Taylor worked for a member of the U.S. Senate, serving as deputy legislative director and covering international business issues coming before the Congress.

Mr. Taylor is a fluent Mandarin Chinese speaker. He received his undergraduate degree from Western State College of Colorado and his MBA from the University of Colorado.



Mae Valdez-Irong

**National Policy and
Regulations Coordinator**

**Cold Chain Innovation
Hub, Philippines**

Mae Valdez is the National Coordinator for Policy and Regulation of UNIDO's Global Partnership for Improving the Food Cold Chain the Philippines Project, She graduated from the University of the Philippines with a Master of Public Administration degree, and earned her expert development project management professional certification from Project Management for Development Organizations based in Georgia, USA. She worked with various international organizations, NGOs and government agencies on projects that promote green economy, green jobs and climate governance.