



# AIHA/FCHPS Fall 2018 Meeting Agenda

September 20 - 21, 2018

[TradeWinds Island Resort](#)

5600 Gulf Boulevard, St. Pete Beach, FL 33706

**Thursday, September 20, 2018**

8:00 – 12:00 noon

AIHA PDC – **EDWARD A. NUNEZ, CIH, LAC**

**STATE OF THE ART, STATE OF TECHNOLOGY**



Industrial hygienists four pillars: Anticipation, Recognition, Evaluation and Control.

One of the best part of our jobs is the use of sampling pumps, meters and detectors to “evaluate” the working environment.

As scientists, we utilize knowledge and skills to evaluate and determine the presence and levels of potentially hazardous conditions. Instrumentation has been traditionally bulky, heavy and expensive. But advances in technology has given us convenient and comparable instruments at a fraction of the costs. This PDC will focus on a variety of State-of-the-Art portable and inexpensive instruments useful in the areas of building diagnostics, indoor air quality, ionizing and non-ionizing radiation, ventilation, and noise evaluation.

Hands-on exercises will be available.

**About the Instructor**

Mr. Nuñez is President & Owner of Air Analytics, LLC., an Industrial Hygiene & Occupational Safety Consulting and Training firm. BS Chemistry & BS Chemical Engineering, LSU.

	<p>Obtained CIH, CSP and LAC certifications in 1996. Mr. Nunez stumbled into the industrial hygiene field after a short career as a chemical engineer in Baton Rouge, LA, where he later owned and directed an asbestos analytical laboratory. Mr. Nunez has over 30 years of experience in asbestos, lead/LBP, mold, indoor air quality and comprehensive industrial hygiene.</p> <p>Mr. Nunez currently leads three companies:</p> <ul style="list-style-type: none"> <li>•Air Analytics: an industrial hygiene consulting company</li> <li>•Advanced Indoor Remediators: a hazardous materials, mold and asbestos abatement company</li> <li>•Air Analytics Training: an environmental training company</li> </ul>
1:00 – 4:00 PM	<p>AIHA PDC – <b>Martin Harper, PhD, CIH</b> <b>NIOSH Aerosol Sampling Update.</b></p> <p>NIOSH has been working on revising existing aerosol sampling and analysis methods and adding new methods to the Manual of Analytical Methods (NMAM). This effort is supported by a comprehensive program of laboratory and field work, which will be described in detail. The update is a work-in-progress, but substantial changes have already been made and more are coming. This Course will present the state of affairs concerning what has been done and what is intended for the near future so industrial hygiene practitioners and laboratory analysts will be able to respond appropriately. The current and future evolution of sampling and analytical methods will be placed in context in the progression of theoretical and technical advances.</p> <p><b>About the Instructor</b></p> <p>Dr. Martin Harper was born in the United Kingdom; he received a degree in Geology from Oxford University; a Post-Graduate Diploma in Environmental Pollution Controls; a Master of Science in Earth Sciences and the Environment; and he obtained his PhD in occupational health research from the London School of Hygiene and Tropical Medicine.</p> <p>Dr. Harper served as Chief of the Exposure Assessment Branch in the Health Effects Laboratory Division of the US National Institute for Occupational Safety and Health (NIOSH), in Morgantown, WV and is now Director of Scientific Research for Zefon International, Inc. He is a Chartered Chemist and Fellow of the Royal Society of Chemistry and he is a Certified Industrial Hygienist and Fellow of the American Industrial Hygiene Association. Dr. Harper has published more than 130 peer-reviewed journal papers, book chapters, encyclopedia articles and standards. He has received three awards from the American Industrial Hygiene Association, four from the American Society for Testing and Materials, two from NIOSH, and has been nominated twice for CDC awards. He served as Chair of the ISO Technical Committee 146, sub-Committee 2 (Air Quality: Workplace Atmospheres) for six years. He served for four years as an Editorial Board member for Journal of Environmental Monitoring, and for six years as Editor of the Analytical Performance Issues column for Journal of Occupational and Environmental Hygiene.</p> <p>His interests are in sampling and analysis of aerosols, including wood dusts, metals, metalworking fluids, mineral fibers (asbestos), silica and nanoparticles; active and diffusive gas and vapor sampling; indoor air chemistry; quality assurance of measurements; exposure assessment strategies and models; and risk assessment.</p>
4:00 - 5:30 PM	AIHA/HPS Board Meetings
6:00 - 9:00 PM	Night-out Social Event at Trade Winds Resort

**Friday, September 21, 2018**

7:00 – 8:15 AM	REGISTRATION AND BREAKFAST
<b>COMBINED MORNING SESSION</b>	
8:15 - 8:30 AM	AIHA & FCHPS Presidents Welcome
8:30 - 9:15 AM	AIHA PRESENTATION: <b>JAMES L. POOLE, PHD, CIH</b> <b>TIMELY TOPICS ASSOCIATED WITH FORMALDEHYDE IN NON-OCCUPATIONAL SETTINGS: CLASSIFICATION, REGULATION, AND EXPOSURE</b>
9:15 - 10:00 AM	FCHPS PRESENTATION: <b>K GEBER, CHP</b> <b>NASA RADIATION EMERGENCY RESPONSE IN SPACE</b>
10:00 - 10:30 AM	<b>BREAK – VISIT THE VENDORS!</b>
10:30 - 11:15 AM	AIHA PRESENTATION: <b>MARIA MITCHELL, MS, CSM</b> <b>THE CASE FOR ESTABLISHING ENVIRONMENTAL NOISE STANDARDS TO SUPPLEMENT OCCUPATIONAL NOISE STANDARDS</b>
11:15 - 12:00 Noon	FCHPS PRESENTATION: <b>R JOHNSON, CHP, FHPS</b> <b>CHALLENGES OF PEOPLE ISSUES FOR RSO'S &amp; FIVE TOOLS FOR EFFECTIVE RESPONSES</b>
12:00 - 1:00 PM	<b>LUNCH</b>

<b>FCHPS AFTERNOON SESSION</b>	
12:45 -1:30 PM	FCHPS Business meeting
1:45 –2:00 PM	Introduction of vendors
2:00 –2:30 PM	<b>BREAK – VISIT THE VENDORS!</b>
2:30 -3:15 PM	FCHPS PRESENTATION: <b>J MENGE, CHP/R DIELMAN, CRT, OPM, MHPC</b> <b><u>FLUOROSCOPY PATIENT RADIATION DOSE/TIME ASSESSMENT</u></b>
3:15-3:45 PM	FCHPS PRESENTATION: <b>J DANEK CHP</b> <b>EXTERNAL RADIATION DOSIMETRY AT NUCLEAR POWER PLANTS: NVLAP, NOBLE GAS &amp; TEDE</b>
3:45-4:45 PM	FCHPS PRESENTATION: <b>J LANZA, MD, PhD, MPH, FAAP, FHPS</b> <b>TOWARD ENSURING VIABLE LOW-LEVEL RADIOACTIVE WASTES DISPOSAL IN THE UNITED STATES</b>
<b>AIHA AFTERNOON SESSION</b>	
1:00 - 2:00 PM	AIHA PRESENTATION: <b>ROBERT (BOB) C. PRIOR, MS, CSP, ARM-P, CPSI</b> <b>AGING WORKFORCE (ISSUES &amp; CHALLENGES)</b>
2:00 -2:30 PM	<b>BREAK – VISIT THE VENDORS!</b>
2:30 – 3:15 PM	AIHA PRESENTATION: <b>STEVE EAGELS, CIH, CSP</b> <b>ERGO WORKSHOP</b>
3:15 - 3:45 PM	AIHA PRESENTATION: <b>STEVE EAGELS, CIH, CSP</b> <b>ERGO WORKSHOP (CONT'D)</b>
3:45 – 5:00 PM	AIHA Business meeting