

Agenda, Wednesday, September 13, 2017

8:00 AM **Registration**
Foyer

All sessions and posters will be held in the Grande Ballroom

8:45 AM **Maryann D'Alessandro**
Welcome

9:00 AM **Craig Colton**
*PAPRs: A Short History of the Key Influences that Have Helped Shape Designs and Performance Requirements**

9:30 AM **Jeff Palcic**
*National Institute for Occupational Safety and Health Framework for Expanding Powered Air-Purifying Respirator Performance Approval Requirements to Better Meet the Needs of Users**

9:50 AM **Stella Hines**
*Comfort, Communication, and Protection Perceptions in PAPR Users in Healthcare**

10:05 AM **Break**

10:25 AM **Matthew Horvatin**
Performance of Powered Air-Purifying Respirators Using Simulated Healthcare Worker Exercises

10:40 AM **Ken Krepel**
PAPR Batteries and Chargers

10:55 AM **Stella Hines**
Hood Utilization and Device Cleanliness Assessment among PAPR Users in Healthcare

11:10 AM **Jeffrey Powell**
Comfort and Tolerability Evaluation of Powered Air-Purifying Respirators

11:25 AM **Panel Members: Craig Colton, Larry Green, Stella Hines, and Jeff Palcic**
Moderator: Jon Szalajda
PAPR Roundtable Discussion

12:10 PM **Lunch**

1:10 PM	Maryann D'Alessandro <i>Annual General Meeting</i>
1:40 PM	Allie Bell <i>Preliminary Findings from a Personal Protective Equipment Readiness Survey for Ebola Virus Disease and Other Contagious Pathogens</i>
1:55 PM	Nicolaas Claassen <i>Will Powered Air-Purifying Respirators be Effective to Protect Workers Against Engineered Nanoparticles?</i>
2:10 PM	Xinjian (Kevin) He <i>Study on the Performance of an Unconventional Half-Mask Breath-Response Powered Air-Purifying Respirator</i>
2:25 PM	Dana Rottach <i>Models of Small Particle Capture in Fibrous Media can Provide Valuable Insight into Filter Performance</i>
2:40 PM	Refreshment Break
2:55 PM	Poster Session and Moonshine Tasting Michael Bergman <i>Development of a Manikin-Based Performance Evaluation Method for Loose-Fitting Powered Air-Purifying Respirators</i> Michael Bergman <i>A Manikin-Based Assessment of Powered Air-Purifying Respirators Using Variable Supplied Flow Rates</i> Brent Doney <i>Evaluating Respirator Use and Respiratory Protection Programs among Workers in the Road and Transportation Building Industry</i> Lee Greenawald <i>Effect of Stockpiling Conditions on PPE</i> Xinjian (Kevin) He <i>A Comparison of Two Portable Breathing Recording Devices in a Simulated Healthcare Environment</i> Xinjian (Kevin) He <i>Respiratory Flow Characteristics of Healthcare Workers: A Field Study</i> Bill King <i>Work of Breathing (WOB) for Powered Air-Purifying Respirators - Should NIOSH Adopt ISO WOB Test Method and Requirements in New PAPR Standard?</i> Andrew Palmiero <i>PAPRs: Proposed Optional Communication Performance Requirement and Test Method</i> Aaron Reeder <i>PAPRs: Proposed Mandatory Warning Alarm Requirement and Test Method</i> Eddie Sinkule <i>Perceived Exertion Responses from Three Absolute Energy Expenditures While Wearing Tight- and Loose-Fitting Powered Air-Purifying Respirators.</i>
4:15 PM	Closing Remarks
5:00 PM	Networking Event at BJs Brewhouse