

## RI Safety Officer Workshop - September 16, 2022

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Mountain Time

8:00 - 8:05	Opening Remarks	Richard Oram, Large Facilities Advisor, BFA/LFO, NSF
8:05 - 9:05	<p><b>Developing People &amp; Safety Culture</b></p> <p><b>Creating a Strong Safety Culture</b>  <b>Description:</b> <i>Good practices for developing a strong safety culture.</i></p> <p><b>Concept:</b> Invite four volunteer safety officers to present for 15 minutes on their experiences at their facilities.</p> <p><b>Topics include:</b>            Challenges of creating a safety culture within a multicultural environment such as language barriers and safety regulations differences.</p> <p>Construction culture and how best to select and work with the companies that contracts have been awarded to and understanding their safety culture.</p> <p>Update on the Foundation's Approach to Addressing Harassment in NSF Funded-Research</p>	<p>Bob Wiley, Director of Employee and Workplace Safety, UCAR</p> <p>Giovanni Corvetto, Safety and Environment Manager NSF's NOIRLab, Chile</p> <p>Danny Sellers, Senior Safety Engineer, LIGO Lab</p> <p>Gary Candido, Safety Officer, Daniel K Inouye Solar Telescope</p> <p>Renee D. Crain            Program Manager,            Arctic Research Support &amp; Logistics Program</p> <p>Jean Feldman, Head,            Policy Office, Division of Institution and Award Support, Office of Budget, Finance, and Award Management, NSF</p>
9:05 - 9:35	<p><b>Reinforce the Stop Work Authority (SWA) Culture.</b> <i>How to empower employees and management in the efficient application of the SWA.</i></p> <p><b>Description:</b> Following from the safety culture discussion above, attendees will share stories of past failures, how these were addressed, and the ultimate success story.</p>	<p>Lead: Giovanni Corvetto, Safety and Environment Manager, NSF's NOIRLab, Chile</p>
9:35 - 10:00	<p><b>Group Discussion:</b> <i>Working Together to Strengthen the Network between NSF Funded Research Infrastructure Safety Teams and Share Best Practices</i></p> <p><b>Group Discussion:</b> <i>EHS Programs Standardization - Speaking the Same Language across NSF Research Infrastructure.</i></p>	
10:00 - 10:30	Break	

10:30 - 11:10	<p><b>Good Practices for Developing and Justifying EHS Budget and WBS</b></p> <p><b>Topic:</b> Best Practices for Procuring and Managing Contractors</p> <p><b>Topic:</b> Successful Implementation of Prevention through Design. <i>The role of safety in CDR, PDR, FDR, and construction.</i></p> <p><b>Topic:</b> Engineering for Safety. <i>The positive impact of engineering safety in early facility and equipment design on long-term cost and hazard reduction. Reviewing the costs associated with integrating safety elements during the design and installation process, versus costs associated with adding safety elements during operations.</i></p> <p><b>Topic:</b> Developing and Justifying the EHS Budget. Examples of O&amp;M WBS structure for EHS activities, staff training, etc.</p>	<p>Gary Candido, Safety Officer, Daniel K Inouye Solar Telescope</p> <p>Bob Wiley, Director of Employee and Workplace Safety, UCAR</p> <p>Giovanni Corvetto, Safety and Environment Manager, NSF's NOIRLab, Chile</p> <p>Danny Sellers, Senior Safety Engineer, LIGO Lab</p>
11:10 - 12:00	<p><b>Evolving New Threats or Risks</b></p> <p>Quick Fire Roundtable Discussions</p> <p><b>Topic:</b> <i>On Any New Policy or OSHA Regulations on the Horizon.</i></p> <p><b>Topic:</b> <i>What's New: Changes to Current Standards</i></p> <p><b>Topic:</b> <i>Construction Safety Oversight of Contractors</i></p> <p><b>Topic:</b> <i>How Safety Officers Share and Apply Site Safety Standards with Contractors</i></p> <p><b>Topic:</b> <i>How to Identify Fatigue and Mental Health Distractive Indicators. Training to Identify</i></p> <p><b>Topic:</b> <i>Working from Home: Ergonomics of the Home Office</i></p> <p><b>Topic:</b> <i>Field Work and Field Deployment Risks with Multiple Agencies</i></p> <p><b>Topic:</b> <i>Emergency Planning at Remote Sites</i></p> <p><b>Topic:</b> <i>Hot Topic Trends for Research (e.g., Laser Safety, Hydrogen Use)</i></p>	All attendees
12:00 - 12:10	What are the three biggest EHS challenges at your organization?	All attendees
12:10 - 12:15	Closing: <i>Discussion on Next Steps</i>	Richard Oram, Large Facilities Advisor, BFA/LFO, NSF