

# Committee on Personal Protective Equipment for Workplace Safety and Health Hybrid Meeting

May 8-9, 2024

Keck Center, Room 206

## AGENDA

### Zoom Information for Remote Participants:

Link: <https://nasem.zoom.us/j/94952293618?pwd=a1ILQUIhbzJkRWYyTTZXSjUzL2R3QT09>

Dial In: 1+470-250-9358

Meeting ID: 949 5229 3618

Password: 441351

MAY 8, 2024

### Objectives

To discuss and provide input on National Personal Protective Technologies Laboratory (NPPTL) programmatic activities, including:

- The NIOSH Counterfeit N95® Challenge and ongoing NPPTL brand protection initiatives.
- Updates on NIOSH response to Congressional inquiry on reusable healthcare textiles (HCTs) for PPE and share key messages from NASEM workshop.
- Strategies for implementing respiratory protection for the public and workers without respiratory protection programs.
- Reviewing CDC/NIOSH priorities, NPPTL workforce plan, and potential new projects.

### Closed Session – Committee Members Only

9:00 am  
(60 min)

Closed Session Committee Discussion

### Open Session

10:00 am  
(10 min)

Welcome, Introductions, and Overview of Meeting Plans

Melissa McDiarmid, Committee Chair

10:10 am  
(5 min)

NPPTL Meeting Overview

Maryann D'Alessandro, NPPTL Director

10:15 am  
(95 min)

Session 1: NPPTL Brand Protection

10:15 am

NPPTL Brand Protection Initiatives

Lee Greenawald, Chief, NPPTL Evaluation and Testing Branch

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10:35 am	<b>Introduction of NIOSH Counterfeit N95® Challenge and Finalists</b> <i>Adam Smith</i> , Senior Scientist, NPPTL
10:40 am	<b>Overviews from Challenge Finalists (10 min each)</b> David and Robert McSwain, Essayon Engineering - <i>N95 FFR Validation App and Website</i> Jieh Lei, Jasmine Brinson, and Rachel Lei - Digital Title - <i>Digital Title</i> Andy Moy, Co-founder and Board Member, Aegle – Provenio - <i>Ethos-Authentication Standards for NIOSH Registry</i>
11:10 am	<b>Committee Discussion - Next steps for challenge winners and brand protection initiatives</b> <ol style="list-style-type: none"><li>1. What are the committee members' perspectives on the focus areas for brand protection given current NPPTL resources?</li><li>2. How can NPPTL leverage and advance the approaches and technologies described by the Challenge finalists?</li><li>3. Considering a holistic approach to brand protection and the approaches described in this session, what gaps remain, if any?</li></ol>
11:50 am (10 min)	<b>Break</b>
12:00 pm (90 min)	<b>Session 2: Reusable Healthcare Textiles for PPE</b>
12:00 pm	<b>Discussion of Key Messages from Workshop Speakers</b> <i>Sundaresan Jayaraman</i> , Workshop Chair
12:10 pm	<b>Update on Report in Response to Congressional Inquiry</b> <i>Selcen Kilinc-Balci</i> , Senior Service Fellow, NPPTL
12:30 pm	<b>Committee Discussion</b> <ol style="list-style-type: none"><li>1. Have the key messages from workshop speakers been addressed in the NIOSH report on HCTs?</li><li>2. What additional benefits and challenges of reusable HCTs should be included in the NIOSH report?</li><li>3. What suggestions do you have for additional specific recommendations that should be added? Should the recommendations in this report be prioritized? How could actionable recommendations be addressed in the report?</li><li>4. How can interested parties act on this report?</li><li>5. What areas described in the report should involve NIOSH or NPPTL national leadership?</li></ol>
1:30 pm (60 min)	<b>LUNCH</b>
2:30 pm (120 min)	<b>Session 3: Strategies to Address the Consensus Recommendations on Respiratory Protection for the Public and Workers without Respiratory Protection Programs</b>
2:30 pm	<b>Overview of Report Framework</b> <i>Sundaresan Jayaraman</i> , Consensus Study Committee Member

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2:40 pm	<b>Updates from Study Sponsors</b> <i>Maryann D'Alessandro</i> , NPPTL Director <i>Susan Stone</i> , Senior Environmental Health Scientist, EPA
3:00 pm	<b>Federal Partners Discussion</b> The discussion will begin with each discussant sharing: <ol style="list-style-type: none"><li>1. One to two things needed to move the implementation of the report frameworks and recommendations forward.</li><li>2. Where their agency/organization can provide the most value based on the framework.</li><li>3. Possible barriers to moving forward.</li></ol> <b>Invited Discussants:</b> <i>Sarah Coefield</i> , Air Quality Specialist, EPA <i>Catherine Evans</i> , Interdisciplinary Scientist, ASPR <i>Alexander Kallen</i> , Chief of the Prevention and Response Branch, NCEZID <i>Marina Kozak</i> , PHEMCE Division Director, ASPR <i>Andrew Levinson</i> , Director of Standards and Guidance, OSHA <i>Deborah Esbitt</i> , Health Scientist, ASPR <i>Pamela Payne</i> , Senior Program Analyst, ASPR <i>Satish Pillai</i> , Associate Director, NCEZID <i>C. Matthew Sharkey</i> , Biologist, ASPR <i>Judy Staveley</i> , Biotechnologist, ASPR
3:45 pm	<b>Committee Discussion</b>  <b>Invited Discussant:</b> <i>David Michaels</i> , Professor, George Washington University SPH  Discussion Questions: <ol style="list-style-type: none"><li>1. From your perspectives based on what you heard what would you consider to be top priorities for NPPTL to start with?</li><li>2. Are there groups or potential partners in this space that have not yet been considered (e.g., workers or occupations interacting with wildlife and livestock)?</li><li>3. What are some potential outputs (e.g., published paper)?</li></ol>
4:30 pm (15 min)	<b>Day 1 Wrap-Up</b> <i>Melissa McDiarmid</i> , Committee Chair
4:45 pm	<b>ADJOURN</b>

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Open Session	
10:00 am (10 min)	<b>Welcome, Review of Day 1, Overview of Day 2 Plans</b> <i>Sundaresan Jayaraman</i> , Committee Vice Chair
10:10 am (120 min)	<b>Session 4: Overview of CDC, NIOSH, and NPPTL Priorities and Perspectives on Impact</b>
10:10 am	Overview of Priorities and Perspectives on Impact <i>Maryann D'Alessandro</i> , Director, NPPTL <i>Jonisha Pollard</i> , Chief, NPPTL Research Branch <i>Jeffrey Peterson</i> , Chief, NPPTL Conformity Verification and Standards Development Branch <i>Lee Greenawald</i> , Chief, NPPTL Evaluation and Testing Branch
11:10 am	Committee Discussion <ol style="list-style-type: none"><li>1. In consideration of the described analysis, how is NPPTL positioned to meet the PPE needs of the nation?</li><li>2. What could NPPTL consider adding to their priority list if provided with additional resources?</li><li>3. What could NPPTL consider prioritizing if provided with fewer resources?</li><li>4. How can NPPTL address the challenges, given its strategic mission and resources available?</li></ol>
12:10 pm (25 min)	<b>Session 5: NPPTL Project Review</b>
12:10 pm	Overview <i>Jonisha Pollard</i> , Chief, NPPTL Research Branch
12:15 pm	Development of a Standardized Simulated Workplace Protection Factor (SWPF) Protocol <i>Ziqing Zhuang</i> , NPPTL Staff
12:25 pm	Committee Q&A
12:35 pm (10 min)	<b>Day 2 Wrap-Up, Next Steps, and Closing Remarks</b> <i>Melissa McDiarmid</i> , Committee Chair <i>Maryann D'Alessandro</i> , NPPTL Director
12:45 pm	ADJOURN