National Personal Protective Technology Laboratory

National Academies Involvement in PPT Activities

Assessment of the NIOSH Head-and-Face Anthropometric Survey of U.S. Respirator Users

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for

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Research To Practice (r2p)

- Total Inward Leakage (TIL) = r2p In Action
- TIL Combines:
  - Respirator Anthropometrics Research
  - Respirator Benchmark Testing
  - Development of a Respirator Performance Requirement
  - Implementation in Respirator Certification
- Quality of Research Achieved Through Scientific Review / Evaluation
NPPTL Tactical Priorities

• Science Center of Excellence

Improve the quality, consistency, and dependability of the science delivered to our customers and stakeholders through a program of rigorous evaluation.

• Strategically Plan for Evaluation Activities

Allocate 3% to 8% of NPPTL base budget for evaluation activities.

National Academies Involvement in NPPTL

• Committee on PPE for the Workforce (COPPE)
  - Three open meetings in FY06
  - Meeting 1 FY07: Oct 23-24, 2006
  - Workshop: Feb 22, 2007 – PPE during an Influenza Pandemic: Research, Standards, Certification and Testing Directions

• Review of Anthropometrics Survey and Respirator Panel Modifications
  - Three open meetings in FY06
  - Final report received Jan 2007, Briefing Jan 22, 2007
  - Jan – Mar 2006 - Support to HHS for Committee on the Development of Reusable Facemasks for Use During an Influenza Pandemic

• Review of BLS Survey of Respirator Use
  - Three open meetings in FY06
  - Final report received Dec 2006, Briefing Feb 2, 2007

• National Academies Evaluation of Personal Protective Technology (PPT) Cross Sector
  - Evidence package to National Academies Aug 2007
  - National Academies evaluation Sept 2007
IOM Report on

Assessment of the NIOSH Head and Face Anthropometric Survey of U.S. Respirator Users

Report available at:
http://iom.edu/CMS/3740/29900.aspx

Review of Anthropometrics Survey and Respirator Panel Modifications

- Dr. Andy Pope - National Academy Review & Report
- Dr. Ron Shaffer – NIOSH / NPPTL Report Action Plan
Quality Partnerships Enhance Worker Safety & Health

Visit Us at: http://www.cdc.gov/niosh/npptl/default.html

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Thank you