

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**

Les Boord

for

**Dr. Maryann D'Alessandro
Associate Director for Science**



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



Final 11-01-05

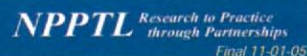
NPPTL Tactical Priorities

- **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

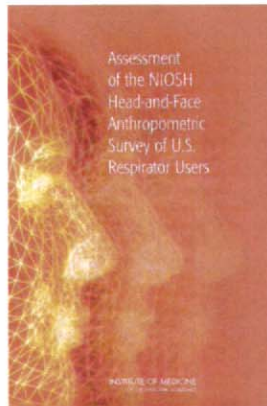


THE NATIONAL ACADEMIES
Division on the Behavior and Society, Engineering, and Medicine



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>



Workplace
Safety and Health

NIOSH

NPPTL *Research to Practice
through Partnerships*

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Review of Anthropometrics Survey and Respirator Panel Modifications

- **Dr. Andy Pope - National Academy Review & Report**
- **Dr. Ron Shaffer – NIOSH / NPPTL Report Action Plan**



Workplace
Safety and Health

NIOSH

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Quality Partnerships Enhance Worker Safety & Health



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Thank you

