

**Miller, Diane M. (CDC/NIOSH/EID)**

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**From:** Janssen, Bob [Bob.Janssen@worksafebc.com]  
**Sent:** Thursday, March 06, 2008 2:48 PM  
**To:** NIOSH Docket Office (CDC)  
**Subject:** 129 - NIOSH/NPPTL Draft Health Care Workers  
**Attachments:** (2007-12-19)\_Influenza\_PPPE\_Final\_Report.pdf; (2007-12-19)\_Report\_in\_Focus\_-\_Influenza.pdf

Thank you for providing an opportunity to provide input regarding PPE for HCWs Action Plan - NIOSH Docket #129.

The Council of Canadian Academies (CCA) formed an expert panel on influenza & personal protective respiratory equipment last year and the expert panel report was published December 2007.

As one of the panelists, I am taking this opportunity in forwarding to you for consideration the 2007 CCA report - *Influenza Transmission and the Role of Personal Protective Respiratory Equipment: an Assessment of the Evidence*.

What may be interest to you is that the report tackles the question of transmission of the influenza virus from a different scientific perspective, one of particle physics, respiratory tract deposition, respirator versus medical mask performance; as well, the CCA report challenges some traditional infectious control concepts such as the 3 foot rule, airborne versus droplet transmission in recognition of problems associated with medical/infection control terminology such as 'droplet nuclei', 'droplet' versus industrial hygiene terms including ballistic- / inhalable- / nasopharyngeal- / tracheobronchial- / and alveolar-sized particles. The OH&S concept of the hierarchy of controls is emphasized in consideration for the development and implementation of an effective exposure control plan.

Of interest also is that both Drs Don Low & Lisa Brosseau - contributors to the IOM report (*Preparing for an Influenza Pandemic...*) - were also on CCA expert panel.

<<(2007-12-19)\_Influenza\_PPPE\_Final\_Report.pdf>> <<(2007-12-19)\_Report\_in\_Focus\_-\_Influenza.pdf>>  
Respectfully submitted,

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