

Update on Pathways to Prevention (P2P) Workshop

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Total Worker Health[®] Research Methodology Workshop
University of Iowa
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National Institutes of Health (NIH) Pathways to Prevention (P2P) Workshop

Process of the P2P Workshop by the NIH Office of Disease Prevention (ODP)

- 1. The National Heart, Lung, and Blood Institute (NHLBI) and NIOSH submit a proposal for a workshop on Total Worker Health®. (*Jul 3, 2013*)**
- 2. An ODP committee reviews the proposal.** The proposed topic must:
 - Have a primary or secondary disease prevention focus.
 - Have broad public health importance.
 - Have limited published data, or incomplete or underdeveloped research.
 - Have an NIH Institute or Center co-sponsor.
- 3. Organizational Meeting. (*May 16, 2014*)** A committee of key federal employees reviews scope and timing of the workshop, and makes nominations for the Workshop & Independent Panel Chair and members of the Content-Area Expert Group.
 - Independent Panel members:
 - Must not be employees of the U.S. federal government.
 - Must not have published on or have a publicly stated opinion on the topic.
 - Represent a variety of perspectives, including biostatisticians, epidemiologists, individual representing the concern
 - Include non-health professionals with relevant expertise (e.g., ethicists, economists, attorneys)

P2P Workshop Process

- 4. Content-Area Expert Group Meeting.** (*Apr 9, 2015*) Content-Area Experts make recommendations to regarding workshop questions, agenda, and panelist and speaker nominations.
- Names the workshop “Total Worker Health® --What’s Work Got to do With It”
 - ODP commissions an Evidence Report by RTI-UNC Evidence-based Practice Centers, University of North Carolina–Chapel Hill.
 - A draft evidence report is released for public comment in Sept 2015 on the NIH website.
- 5. Pathways to Prevention Workshop.** (*Dec 9-10, 2015*) Workshop includes presentations by experts and open discussion sessions. Panel writes draft report and releases it for public comment.
- 6. Post-Workshop Dissemination.** (*May 31, 2016*) The ODP releases panel’s final report and disseminates press release and holds telebriefing.
- The *Annals of Internal Medicine* includes a response by NIOSH.
- 7. Federal Partners Meeting.** (*Feb 27, 2017*) Meeting is held to review panel’s final report and identify possible opportunities for collaboration and next steps.

P2P Workshop on Total Worker Health®: *What's Work Got to do with It?*

Background

- **NIOSH Introduction** –*L. Casey Chosewood, M.D., M.P.H.*
- **Labor/Worker Perspective** --*Jason McInnis, M.H.S., National Director, Health & Safety (Canada), Boilermakers International*
- **Evidence Report** –*Cindy Feltner, RTI-UNC Evidence-based Practice Centers, University of North Carolina–Chapel Hill*

Key questions addressed during the workshop:

1: What Studies Exist Assessing Integrated Interventions?

- Effectiveness of Total Worker Health Interventions --*W. Kent Anger, Ph.D.*
- Integrating Health and Safety: The Next Generation --*Ron Loeppke, M.D., M.P.H., FACOEM, FACPM*

2: What Are the Known Benefits and Harms of Integrated Interventions?

- Work and Health: Evidence on the Pathways to Implementing Total Worker Health --*Glorian Sorensen, Ph.D., M.P.H.*
- How Are Costs and Benefits Affected by Program Process and Workplace Characteristics? --*Laura Punnett, Sc.D.*
- Assessment of the Impact of Workplace Health Programs on Health and Working Life --*Alex Burdorf, Ph.D.*
- Employer Outcomes of Total Worker Health Initiatives --*Nico Pronk, Ph.D., FACSM, FAWHP*

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3: What Are the Characteristics of Effective Integrated/Combined Interventions and Programs?

- Program Feasibility, Scalability/Translation, and Dissemination --*Jane Lipscomb, Ph.D., R.N., FAAN*
- Innovations in Total Worker Health I: Interventions To Promote Well-Being in Small Businesses --*Lee S. Newman, M.D., FACOEM, FCCP*
- Innovations in Total Worker Health II: Opportunities To Improve Employee Engagement --*Robert K. McLellan, M.D., M.P.H., FACOEM*

4: What Factors Influence the Effectiveness of Integrated Interventions?

- Work Organization and Psychosocial Factors of the Workplace Environment: Interventions in Terms of Psychosocial Factors --*Leslie B. Hammer, Ph.D.*
- Total Worker Health Challenges Associated With a Changing Workforce: Reaching Low-Wage, Immigrant, and Contingent and Temporary Workers --*Sherry Baron, M.D., M.P.H.*
- Conducting Research Intervention Studies in a Labor–Management Environment --*David LeGrande, M.A.*
- How the Policy Environment Affects Total Worker Health --*Rosemary K. Sokas, M.D., M.O.H., M.Sc.*

Roundtable Discussion on Health in the Real World

- Laborers' Health & Safety Fund of North America, Occupational Health Psychology, Walt Disney Parks and Resorts, American Heart Association; Moderated by National Heart, Lung, and Blood Institute

Independent Panel Recommendations

1. Convene a meeting of stakeholders to set research priorities for integrated interventions.
 - *NIH, NHLBI, and NIOSH convened Federal Partners meeting on February 27, 2017*
2. Develop a consensus-based conceptual framework to guide future intervention research.
3. Develop a core set of measures & outcomes that are incorporated into all integrated intervention studies.
 - *University of Iowa, a TWH Center of Excellence, convening research methodology workshop Mar 7-8*
4. Use a transdisciplinary and participatory process for intervention development.
5. Ensure that future intervention studies represent an appropriate range of worker populations & settings.
6. Expand research and evaluation design options to include a range of rigorous methodologies.
 - *University of Iowa, a TWH Center of Excellence, convening research methodology workshop Mar 7-8*
7. Develop effective strategies for timely dissemination of findings to a wide variety of stakeholders.
8. Make investments in research infrastructure & assets to develop population-based laboratories for TWH research.

Federal Partners Meeting

February 27, 2017

Goals

- Obtain expert opinions on the processes needed to implement the recommendations of the panel report, which identified research gaps and future research priorities.
- Prioritize research and programmatic ideas.
- Identify products and action items for collaboration among the Federal Partners
 - Potential action items: Future meetings, Research initiatives, Funding Opportunity Announcements, etc.
 - Potential products: Federal Partners report, Peer-reviewed paper, etc.

Attendees

- NIH (National Center for Complementary and Integrative Health, National Institute on Drug Abuse, Office of Behavioral and Social Sciences Research, NHLBI National Center on Sleep Disorders Research, National Institute of Child Health and Human Development, Clinical Center, National Institute of Nursing Research)
- CDC National Center for Chronic Disease Prevention and Health Promotion
- HHS Assistant Secretary for Planning and Evaluation,
- U.S. Army, Environment, Safety, and Occupational Health
- Veterans Health Administration

Outcomes

- ODP Final report
- Future collaborations