

INSTITUTE OF MEDICINE *AND*
NATIONAL RESEARCH COUNCIL
OF THE NATIONAL ACADEMIES

**Hearing Loss and Healthy Aging:
An IOM-NRC Workshop**

January 13-14, 2014

**The Keck Center of the National Academies
500 5th Street, N.W.
Washington, D.C. 20001**

SPONSORED BY:

**IOM-NRC FORUM ON AGING, DISABILITY, AND INDEPENDENCE
ACADEMY OF DOCTORS OF AUDIOLOGY
AMERICAN ACADEMY OF AUDIOLOGY
AMERICAN ACADEMY OF OTOLARYNGOLOGY – HEAD AND NECK SURGERY
AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION
COCHLEAR AMERICAS
EUROPEAN HEARING INSTRUMENT MANUFACTURERS ASSOCIATION
HEARING INDUSTRIES ASSOCIATION
HEARING LOSS ASSOCIATION OF AMERICA
HI HEALTHINNOVATIONS
MED-EL CORPORATION, USA
NATIONAL INSTITUTE ON AGING
NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS
SOUND WORLD SOLUTIONS**

HEARING LOOP SYSTEM PROVIDED BY CONTACTA, INC.

Workshop Objectives:

- Describe and characterize the public health significance of hearing loss and the relationship between hearing loss and healthy aging.
 - Examine and explore current and future areas of research
 - Discuss comprehensive hearing rehabilitative strategies, including innovative models of care
 - Explore innovative hearing technologies, and barriers to their development and use
 - Consider and discuss short- and long-term collaborative strategies for approaching age-related hearing loss as a public health priority.
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Day One: January 13, 2014

9:00 a.m. Welcome and Opening Remarks

ALAN M. JETTE, *Workshop Co-Chair*
Boston University School of Public Health

FRANK R. LIN, *Workshop Co-Chair*
Johns Hopkins University

CONSUMER PERSPECTIVE ON THE IMPACT OF HEARING LOSS

9:30 a.m. KATHERINE BOUTON, Author, *Shouting Won't Help*

SESSION I: AGING AND HEARING LOSS: WHY DOES IT MATTER?

9:50 a.m. Introductions
FRANK R. LIN (*Moderator*), Johns Hopkins University

9:55 a.m. Series of Presentations
LUIGI FERRUCCI, National Institute on Aging
JAMES FIRMAN, National Council on Aging
KATHLEEN PICHORA-FULLER, University of Toronto

10:25 a.m. Discussion with Speakers and Audience

SESSION II: THE CONNECTION BETWEEN HEARING LOSS AND HEALTHY AGING

10:45 a.m. Introductions
LUIGI FERRUCCI (*Moderator*), National Institute on Aging

10:50 a.m. Series of Presentations

Impact on Cognition
MARILYN ALBERT, Johns Hopkins University School of Medicine

Impact on Physical Functioning
ALAN M. JETTE, Boston University School of Public Health

Psychosocial Impacts
BARBARA WEINSTEIN, Graduate School and University Center, CUNY

11:40 a.m. Discussion with Speakers and Audience

12:15 p.m. LUNCH

SESSION III: CURRENT APPROACHES TO HEARING HEALTH CARE DELIVERY

1:15 p.m. **Introductions**
LUCILLE B. BECK (*Moderator*), U.S. Department of Veterans Affairs

1:20 p.m. **Series of Presentations**

The Spectrum of Hearing Impairment
THERESA HNATH CHISOLM, University of South Florida

The Current U.S. Hearing Health Model
MARGARET I. WALLHAGEN, University of California, San Francisco

International Perspective
NIKOLAI BISGAARD, GN ReSound A/S

2:35 p.m. **Discussion with Speakers and Audience**

3:10 p.m. **BREAK**

SESSION IV: INNOVATIVE MODELS

3:30 p.m. **Introductions**
NIKOLAI BISGAARD (*Moderator*), GN ReSound A/S

3:35 p.m. **Series of Presentations**

Community Health Workers
NICOLE MARRONE, University of Arizona

Teleaudiology
GABRIELLE SAUNDERS, Portland VA Medical Center

Addressing Untreated Age-Related Hearing Loss in a Primary Care Setting
THOMAS POWERS, Powers Family Practice

4:20 p.m. **Discussion with Speakers and Audience**

4:50 p.m. **Day 1 Reflections and Closing Remarks**

5:00 p.m. **Adjourn Day 1**

Day Two: January 14, 2014

9:00 a.m. Welcome

ALAN JETTE, *Workshop Co-Chair*
Boston University School of Public Health

FRANK R. LIN, *Workshop Co-Chair*
Johns Hopkins University

SESSION V: HEARING TECHNOLOGIES

9:05 a.m. Introductions
BRENDA BATTAT (*Moderator*), Hearing Loss Association of America (Retired)

9:10 a.m. Series of Presentations

Technology Overview
CYNTHIA COMPTON-CONLEY, Compton-Conley Consulting

FDA Regulation of Hearing Aids
ERIC A. MANN, U.S. Food and Drug Administration

Technology Assessment
FIONA MILLER, University of Toronto

10:10 a.m. Discussion with Speakers and Audience

10:40 a.m. BREAK

HEARING TECHNOLOGIES FROM A CONSUMER PERSPECTIVE

10:55 a.m. RICHARD EINHORN

SESSION VI: DRIVING INNOVATION

11:15 a.m. Introductions
KAREN J. CRUICKSHANKS, *Moderator*
University of Wisconsin School of Medicine and Public Health

11:20 a.m. Series of Presentations

Lessons in Innovation
DAVID GREEN, Sound World Solutions

The Function and Importance of Wireless Standards
STEPHEN BERGER, TEM Consulting

Universal Design
VALERIE FLETCHER, Institute for Human Centered Design

12:20 p.m. Discussion with Speakers and Audience

12:45 p.m. LUNCH

SESSION VII: CONTEMPORARY ISSUES IN HEARING HEALTH CARE

1:45 p.m. Introductions
CAROLE M. ROGIN (*Moderator*), Hearing Industries Association

1:50 p.m. Series of Presentations

Healthy People 2001-2020: Tracking Age-Related Measures of Hearing Health in the New Millenium
HOWARD J. HOFFMAN, National Institute on Deafness and Other Communication Disorders, National Institutes of Health (NIDCD/NIH)

The Changing Hearing Healthcare Landscape
ROBERT BURKARD, University at Buffalo

NIDCD Research Working Group on Accessible and Affordable Hearing Health Care
AMY M. DONAHUE, National Institute on Deafness and Other Communication Disorders, National Institutes of Health (NIDCD/NIH)
JUDY R. DUBNO, Medical University of South Carolina
LUCILLE B. BECK, U.S. Department of Veterans Affairs

2:35 p.m. Discussion with Speakers and Audience

SESSION VIII: COLLABORATIVE STRATEGIES FOR THE FUTURE

3:05 p.m. Reactions and Discussion
JAMES FIRMAN (*Moderator*), National Council on Aging
REGINA DAVIS MOSS, American Public Health Association
JAMES PACALA, American Geriatrics Society and University of Minnesota Medical School
CHARLOTTE YEH, AARP

3:40 p.m. Discussion with Speakers and Audience

4:05 p.m. Closing Remarks

ALAN JETTE, *Workshop Co-Chair*
Boston University School of Public Health

FRANK R. LIN, *Workshop Co-Chair*
Johns Hopkins University

4:20 p.m. ADJOURN

PLANNING COMMITTEE

Alan M. Jette, (Co-Chair) Boston University School of Public Health
Frank R. Lin, (Co-Chair) Johns Hopkins University
Brenda Battat, Hearing Loss Association of America (retired)
Lucille B. Beck, U.S. Department of Veterans Affairs
Nikolai Bisgaard, GN Resound A/S
Karen J. Cruickshanks, University of Wisconsin School of Medicine and Public Health
Luigi Ferrucci, National Institute on Aging
James Firman, National Council on Aging
Carole M. Rogin, Hearing Industries Association

NATIONAL ACADEMIES STAFF

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PROJECT WEBSITE: www.iom.edu/hearingloss-aging