

THE INAUGURAL NIH TOOLBOX CONFERENCE

Scientific Conference
Monday, October 27, 2008



7:00 a.m. **Breakfast service begins**
Outside Salons A, B, and C (Upper Level)

7:00 a.m. –
8:30 a.m. **Registration**

8:30 a.m. –
9:15 a.m. **Opening Plenary Session for Scientific Conference**
Salons A, B, and C (Upper Level)

* **Welcome and Introduction to Conference**

Richard Gershon, PhD

Director of Psychometrics and Informatics, Center on Outcomes, Research, and Education, NorthShore University HealthSystem

Principal Investigator, NIH Toolbox

* **Overview of NIH Blueprint**

Walter Koroshetz, MD

Deputy Director, National Institute of Neurological Disorders and Stroke

* **What Toolbox Promises: Advances Over Current Approaches, Unique Features, and Products**

Molly Wagster, PhD

Chief, Behavioral & Systems Neuroscience Branch, Division of Neuroscience, National Institute on Aging

Lead Project Officer, NIH Toolbox

9:15 a.m. –
10:45 a.m. **The NIH Toolbox**
Salons A, B, and C (Upper Level)

PRESENTATIONS:

* **Building the Toolbox: Timeline and Operational Structure**

Richard Gershon, PhD

Director of Psychometrics and Informatics, Center on Outcomes, Research, and Education, NorthShore University HealthSystem

Principal Investigator, NIH Toolbox

* **Domain Framework: Process for Selection and Priorities**

Cindy Nowinski, MD, PhD

Director of Outcomes Education, Center on Outcomes, Research, and Education, NorthShore University HealthSystem

Steering Committee, NIH Toolbox

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- * **Instrument Selection**

Richard Havlik, MD, MPH
Consultant, Westat
Executive Committee, NIH Toolbox

- * **Using Item Response Theory (IRT)-Based Instruments and Computerized Adaptive Testing (CAT) for Assessment of Health**

David Cella, PhD
Executive Director, Center on Outcomes, Research, and Education, NorthShore University HealthSystem
Executive Committee, NIH Toolbox

- * **Audience Q & A Session/Discussion**

Moderated by Richard Gershon, PhD

10:45 a.m. –
11:00 a.m.

Break

11:00 a.m. –
12:30 p.m.

PRESENTATIONS:

Salons A, B, and C (Upper Level)

- * **Integrating Health Information into Longitudinal Studies**

Hugh Hendrie, MB, ChB, DSc
Professor of Psychiatry, Research Scientist, Indiana University
Executive Committee, NIH Toolbox

- * **NIH Toolbox Connection to Other Projects**

Kevin Conway, PhD
Deputy Director, Division of Epidemiology, Services and Prevention Research, National Institute on Drug Abuse
Project Officer, NIH Toolbox

- * **Importance of Toolbox to Pediatrics – And Importance of Pediatrics to the Toolbox**

Nathan Fox, PhD
Professor of Human Development, University of Maryland
Executive Committee, NIH Toolbox

- * **Toolbox Measures and Neurobiological Processes**

Bruce Cuthbert, PhD
Professor, Clinical Science and Psychopathology Research Program, Department of Psychology, University of Minnesota
Consultant, Emotion Domain Team, NIH Toolbox

- * **Audience Q & A Session/Discussion**

Moderated by Richard Gershon, PhD

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12:30 p.m. – 2:00 p.m. **Lunch (Onsite), Poster Viewing and Measure Demonstrations**
Salons E, G, and H (Upper Level)

2:00 p.m. – 4:00 p.m. **The Toolbox Domains**
Salons A, B, and C (Upper Level)

Each Domain team will present a progress report highlighting accomplishments to date, development plans, instrument development and a glimpse of what their component instruments are likely to look like in the final toolbox.

* **COGNITION**

Sandra Weintraub, PhD

Professor of Psychiatry and Neurology, Cognitive Neurology and Alzheimer's Disease Center, Northwestern University

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* **MOTOR**

W. Zev Rymer, MD, PhD

Director of Research, Rehabilitation Institute of Chicago

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* **EMOTION**

Paul Pilkonis, PhD

Professor of Psychiatry and Psychology, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center

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* **SENSATION**

o **Vestibular**

Rose Marie Rine, PT, PhD

Director, Vestibular, Balance and Gait Laboratory (VBGL), University of North Florida

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o **Vision**

Rohit Varma, MD, MPH

Professor of Ophthalmology and Preventive Medicine, University of Southern California Keck School of Medicine

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o **Audition**

Steven Zecker, PhD

Associate Professor of Communication Sciences and Disorders, Northwestern University

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- **Taste Perception**
Susan Coldwell, PhD
Associate Dean for Student Life and
Admissions, University of Washington School of
Dentistry
Steering Committee, NIH Toolbox

- **Olfaction**
Pamela Dalton, PhD
Monell Chemical Senses Center
Steering Committee, NIH Toolbox

- **Somatosensation**
Winnie Dunn, PhD, OTR/L, FAOTA
Professor and Chair, Department of
Occupational Therapy Education, University of
Kansas Medical Center
Steering Committee, NIH Toolbox

4:00 p.m. –
5:00 p.m.

Public Comment and Response *Salons A, B, and C (Upper Level)*

Co-Moderators: Richard Gershon, PhD
Principal Investigator, NIH Toolbox
Molly Wagster, PhD
Lead Project Officer, NIH Toolbox

Panel: Pim Brouwers, PhD
National Institute of Mental Health
Project Officer, NIH Toolbox
David Cella, PhD
Executive Committee, NIH Toolbox
Emmeline Edwards, PhD
National Institute of Neurological Disorders and Stroke
Project Officer, NIH Toolbox
Nathan Fox, PhD
Executive Committee, NIH Toolbox
Richard Havlik, MD, MPH
Executive Committee, NIH Toolbox
Hugh Hendrie, MB, ChB, DSc
Executive Committee, NIH Toolbox
Howard Hoffman, MA
National Institute of Deafness and Other
Communication Disorders
Project Officer, NIH Toolbox