# International Outcome Measurement Conference

## IOMC 2017 Conference Schedule

## September 15 and 16, 2017

## Shirley Ryan Abilitylab Hospital - 355 E. Erie St., Chicago, IL

**Friday, Sept. 15**

7:30 am – 8:00 am        **Registration - Continental Breakfast**

8:00 am – 8:10 am        **Welcome**

8:10 am – 9:25 am        **Paper Session 1A**

Co-Calibration of Two Assessment Tools to Measure Neurobehavioral Function for Persons in Disordered States of Consciousness
>    Ann Guernon, Marianjoy Rehabilitation Hospital and Northwestern University Feinberg School of Medicine;
>    Trudy Mallinson, The George Washington University;
>    Jennifer Weaver, The George Washington University;
>    Theresa L-B. Pape, Edward Hines Jr VA Hospital; and Elyse Walsh, Edward Hines Jr VA Hospital

Mortality and Co-Morbidity Parameterization for Evaluation of Pediatric Tracheostomy Caregiver Training
>    N. Bezruczko, Chicago School of Professional Psychology, Chicago;
>    M. Battles and C. Latty,Riley, Hospital for Children at Indiana University Health, Indianapolis, IN;
>    T. Stanley, Dell Children's Medical Center, Austin, Texas, USA

Frailty from a Modern Measurement Perspective: If the Shoe Fits …
>    Nancy Mayo, José Morias, Kedar,Mate, and Sabrina Figueiredo,
>         McGill University Health Centre – Research Institute;
>    Mylène Aubertin-Leheude, University of Quebec at Montreal;
>    Julio Fiore, Jr, McGill University Health Centre – Research Institute;
>    Mohammad Auais, Queen's University; Susan Scott, McGill University Health Centre – Research Institute

9:25 am – 9:40 am        **Break**

9:40 am – 10:55 am        **Paper Session 2**

Identifying a Common Measurement Factor Underlying ADL Measures
>    Craig A. Velozo, Medical University of South Carolina;
>    Ickpyo Ickpyo Hong, University of Texas Medical Branch;
>    Brittany Hand, Medical University of South Carolina;
>    Chih-Ying Li, University of Texas Medical Branch;
>    Sergio Romero, North Florida South Georgia Veterans Health System and University of Florida;
>    Pallavi Sood, North Florida South Georgia Veterans Health System and University of Florida

A Graded Response Model for Diagnostic Discernment in Visual Diagnosis
>    Jacqueline Gutman, NYU School of Medicine;
>    Matthew Lineberry, KUMC;
>    Martin Pusic, NYU

Advancing the Quality of Measurement in Psychiatry: the Personal Recovery Outcome Measure (PROM) Study
>    Skye Pamela Barbic, PhD, The University of British Columbia, Vancouver, Canada;
>    Sean Kidd, Centre for Addiction and Mental Health, Toronto, Canada;
>    Kwame McKenzie, Wellesley Institute, Toronto, Canada;
>    Stefan Cano, Modus Outcomes, Letchworth Garden City, UK

10:55 am – 12:15 pm     **Symposium**
Evaluating the Performance of the Montreal Cognitive Assessment in Early Stage Parkinson's Disease
    Sandra Kletzel, Edward Hines Jr VA Hospital;
    Juan Manuel Hernandez, Edward Hines Jr VA Hospital and Adler University;
    Elizabeth F. Miskiel, Edward Hines Jr VA Hospital and Adler University;
    Trudy Mallinson, The George Washington University;
    Theresa L. - B. Pape, Edward Hines Jr VA Hospital and Northwestern University Feinberg School of Medicine

12:15 pm – 1:15 pm     **Lunch**

1:15 pm – 2:30 pm     **Paper Session 3**
Ecologizing Measurement
    William P. Fisher, Jr**.,** University of California, Berkeley;
    A. Jackson Stenner, MetaMetrics, Inc.

Factor Structure of the Community Reintegration of Service-Members (CRIS) in Veterans with Blast-Related Mild Traumatic Brain Injury
    J. Kay Waid-Ebbs, North Florida/South Georgia Veterans Health System;
    Pey-Shan Wen, Georgia State University;
    David P. Graham, Michael E. DeBakey Veterans Affairs Medical Center and Baylor College of Medicine;
    Kathleen Ray, Veterans Affairs South Central Mental Illness Research, Education, and Clinical Center and Rutgers
        University-New Jersey Medical School;
    Audrey Josee Leroux, Georgia State University;
    Maureen K. O'Connor, Bedford Veterans Administration Hospital;
    Drew A. Helmer, VA- New Jersey Health Care System

Measuring Fatigue in Crohn's Disease: The Importance of a Coherent Theoretical Measurement Model
    Alice Heaney and Stephen P. McKenna, Galen Research, Manchester, UK

2:30 pm – 2:45 pm     **Break**

2:45 pm – 4:00 pm     **Paper Session 4**
Accounting for Rater Severity/Leniency in Endpoint Measures of Disorders of Consciousness in Adults with Severe Traumatic Brain Injury
    Trudy Mallinson, The George Washington University;
    Theresa L-B. Pape, Edward Hines Jr VA Hospital;
    Ann Guernon, Marianjoy Rehabilitation Hospital;
    Jennifer Weaver and Carol Rentas, The George Washington University;
    Denise Milhorn, Walter Reed Army Medical Center;
    Amy Herrold and Sandra Kletzel, Edward Hines Jr VA Hospital

Role of the Unified Parkinson's Disease Rating Scale as a Tool for Measuring Clinical Motor Outcomes in Parkinson's Disease
    Peter Hagell, Kristianstad University

Rasch Analysis as a Method of Data Harmonization to resolve Cross-Rater Variability in Scoring the Function System Scores of the Expanded Disability Status Scale
    Stanley Hum, Montreal Neurological Institute and Hospital and McGill University;
    Yves Lapierre, Montreal Neurological Institute and Hospital;
    Nancy Mayo, McGill University

4:00 pm – 5:00 pm      **Paper Session 5**

Mental Health Symptoms and Functional Impairment among Adolescents – Analysis of Differential Item Functioning
    Curt Hagquist, Karlstad University

Investigating Differential Item Functioning in Items and Item Groups Using Extended MIRID Models
    Isaac Li and Yi-hsin Chen, University of South Florida

5:00 pm                **End of Day 1**

6:30 pm – End        **Conference Dinner**
                         Dao Thai Restaurant
                         230 E. Ohio St., Chicago, IL

# IOMC 2017 Conference Schedule

**Saturday, Sept. 16**

7:30 am – 8:00 am        **Registration - Continental Breakfast**

8:00 am – 9:15 am        **Paper Session 6**
Application of Rasch Measurement Theory to Inform the National Selection of Outcome Measures for Youth with Mental Illness
> Skye Pamela Barbic, PhD, The University of British Columbia, Vancouver, Canada;
> Adelena Leon (UBC Department of Occupational Science and Occupational Therapy);
> Carolyn Helps (UBC Department of Occupational Science and Occupational Therapy);
> Steve Mathias (UBC, Department of Psychiatry) Sarah Irving (Foundry, Canada);
> Ian Manion (University of Ottawa, Canada, Oeseyi Oyedele (Foundry, Canada)

The Communicative Effectiveness-Revised: Item-level Psychometric Properties and Preliminary Validity
> Neila J. Donovan, Louisiana State University

Using Rasch Analysis to Create a Confounder Score to Adjust for Poverty in the Context of a Cluster-Randomized Trial
> Nancy Mayo,  Susan Scott,  and Mónica Ruiz-Casares, McGill University Health Centre – Research Institute

9:15 am – 9:30 am        **Break**

9:30 am – 10:45 am        **Paper Session 7**
Is the Activities of Daily Living (ADL) Section of the Unified Parkinson's Disease Rating Scale Valid for Measuring ADL in Parkinson's Disease?
> Peter Hagell, Kristianstad University

Ethical, Technical, and Social Issues in Psychometric Metrology
> William P. Fisher, Jr., University of California, Berkeley

A Multi-Faceted Approach to Developing Mental Health Outcome Measures Assessing Service Effectiveness: The Areas of Recovery Subscales
> Mark Leveling, Transitions Mental Health Services;
> Lilian Chimuma and Kathy Green, University of Denver

10:45 am – 12:00 pm        **Paper Session 8**
Measuring Patient Value in Comorbidity
> Stephen P. McKenna and Alice Heaney, Galen Research, Manchester, UK

Changes in Child Nutrition in Liberian Counties, 2007 – 2013: A Rasch Analysis
> R. Jerome Anderson, Morgan State University

Psychometric Measurement Properties of the World Health Organization Disability Assessment Schedule 2.0 (WHODAS) Evaluated among Veterans with Mild Traumatic Brain Injury and Behavioral Health Conditions
> Amy A. Herrold, Edward Hines Jr VA Hospital and Northwestern University Feinberg School of Medicine;
> Sandra L. Kletzel, Edward Hines Jr VA Hospital;
> Ann Guernon, Edward Hines Jr VA Hospital  and Adler University;
> Lynnea Vis, Edward Hines Jr VA Hospital  and Adler University;
> Francis Sesso Osburn, Edward Hines Jr VA Hospital  and Adler University;
> Jennifer Weaver, The George Washington University;
> Theresa L-B. Pape, Edward Hines Jr VA Hospital and Northwestern University Feinberg School of Medicine;
> Trudy Mallinson, The George Washington University

12:00 pm – 1:00 pm        **Lunch Break**

1:00 pm – 2:00 pm         **Paper Session 9**
Deconstructing the Question of the Fit of Data to Measurement Models
        Richard M. Smith, Lee McKenna, Data Recognition Corporation

Synthesis of Articles in the Journal of Applied Measurement: 2000 – 2016
        Cheng Hua, Catanya Stager, and Stefanie Wind, University of Alabama

2:00 pm – 3:15 pm         **Paper Session 10**
Development of the HOOS$_{global}$ Patient-Reported Outcome Measure for Hip Preservation Patients
        Michael R. Peabody, Cale A. Jacobs, Stephen T. Duncan, Ryan D. Muchow, Ryan M. Nunley, John C. Clohisy, The
        ANCHOR Group

Benjamin Wright's Imaginative Variations on an Invariant in the Writing of his Life Story
        William P. Fisher, Jr., University of California, Berkeley

Application of Rasch Measurement Methods to Improve Screening for Depression in the Emergency Department
        Skye Pamela Barbic, PhD, The University of British Columbia, Vancouver, Canada;
        Adelena Leon (UBC Department of Occupational Science and Occupational Therapy);
        Steve Mathias (UBC, Department of Psychiatry);
        David Barbic (Emergency Medicine, St-Paul's Hospital, Vancouver, Canada)

3:15 pm – 3:30 pm         **Break**

3:30 pm – 4:45 pm         **Paper Session 11**
Measuring the Impact of Caring for a Family Member with Alzheimer's Disease
        Peter Hagell, Kristianstad University;
        Matthew Rouse, Galen Research Ltd.;
        Stephen P. McKenna, Galen Research Ltd. and University of Manchester

Fluency Evaluation in Didactic Examinations by Multifaceted Rasch Measurement
        James J. Thompson, Ph.D. Louisiana State University Health Sciences Center

Cross Validation of the 12-item Theory of Mind Scale
        Beyza Aksu Dunya, University of Illinois at Chicago;
        Clark McKnown, Rush University;
        Everett V. Smith, Jr., University of Illinois at Chicago

4:45 pm – 5:00 pm         **Closing Remarks**

5:00 pm                   **End of Day 2**

Paper presentations will allow 20 minutes per presentation, with 15-20 minutes for discussion depending on the number
of presentations.