

ICADI

International Conference on Aging,
Disability and Independence
Hilton St. Petersburg, Florida USA
February 20-23, 2008



ICADI 2008 Preconference Intensive:

Accelerating Advancement in AT Outcomes Research to Enhance Independence in Aging

Wednesday, February 20, 2008
8:00am - 5:00pm Cost \$100

Coordinators: Jeffrey Jutai, Ph.D., University of Western Ontario, and Sandra Hubbard, Ph.D., University of Florida

In this preconference session, a distinguished international panel will present on key considerations for accelerating the development of the evidence base for assistive technology (AT) to enhance independence in aging. The key questions will address the outcomes we should be measuring, the outcomes study designs we should use, and, more generally, the steps we need to take to strengthen the evidentiary bases for AT decisions by providers and end-users. Panelists will share their expertise and experience with topics that include measuring the impact of the environment on participation, the influence of reimbursement systems, the importance of specifying the interventions in AT outcomes research, interactions between caregiving and the use of AT, and technologies to enhance AT outcomes data capture and interpretation in the field. Panelists will also share their expertise in developing AT outcomes related proposals for the rehabilitation and health services audiences.

Program (lead presenter in bold)

8:00am **Introductory Remarks**
Jeff Jutai & Sandra Hubbard

8:15am **Current State of the Science**

Assistive Technology Outcomes for the Elderly: Current Limitations and Future Needs
Michael Williams, Ph.D., Dory Sabata, OTR/L, Jon Sanford, MArch, Georgia Institute of Technology

Conceptual Models in AT Outcomes Research

Jeffrey Jutai, Ph.D., C.Psych, University of Western Ontario, Sandra Hubbard, Ph.D., OTR, ATP, University of Florida

9:15am

Issues for Research Design

The Imperative for Intervention Specification in AT Outcomes Research

James Lenker, Ph.D., University of Buffalo, Marcus Fuhrer, Ph.D., National Institutes of Health, Jeffrey Jutai, Ph.D., University of Western Ontario, Louise Demers, Ph.D., University of Montreal, Frank DeRuyter, Ph.D., Duke University Medical Center.

Using a Structure-Process-Outcome Model to Investigate the Provision of AT

Sandra Hubbard, Ph.D., OTR, ATP, University of Florida

10:15am

Morning Break

10:30am

The Aging Consumer's Participation and Involvement in AT Processes: Implications for Measurement

Daniel Fok, MEng, Ph.D. student, Lynn Shaw, Ph.D., OT Reg. (Ont.), University of Western Ontario, Kim Pelkman, B.Sc., OT Reg. (Ont.), Pioneer Manor, Sudbury

11:00am

Impacts of the User-Caregiver Dyad on Assistive Technology Outcomes

Louise Demers, Ph.D., University of Montreal, Marcus Fuhrer, Ph.D., National Institutes of Health, Jeffrey Jutai, Ph.D., University of Western Ontario, James Lenker, Ph.D., University of Buffalo, Frank DeRuyter, Ph.D., Duke University Medical Center

State-of-the-Science Methods for Research Review and Synthesis

Suzanne Martin, BSc, Dip. OT, University of Ulster

12:00N

Lunch Break (lunch included)

1:00pm

Role of the Environment

Evaluating Environmental Barriers and Supports to Participation and their Impact on Participation Outcomes with People with Cognitive Disabilities

Joy Hammel, Ph.D., University of Illinois at Chicago.

Interactions among the User, the Equipment and the Environment in AT Outcomes Research

Helen Hoenig, M.D., Durham VA Medical Center, Frances Harris, Ph.D., Patricia Griffiths, Ph.D., Jon Sanford, MArch, Stephen Sprigle, Ph.D., PT, Georgia Institute of Technology

2:00pm

Instrumentation

Emerging Technologies: Making them Relevant for Older People

Andrew Sixsmith, Ph.D., University of Liverpool

Tele-care Monitoring with Trigger-Action-Outcome

Anthony Glascock, Ph.D., David Kutzik, Ph.D., Drexel University, Mary Hamil Parker, Ph.D., MKHP Associates

3:00pm

Afternoon Break

3:15pm

Instrumentation for AT Outcomes Data Capture and Management in the Field

Frank DeRuyter, Ph.D., Duke University Medical Center, Jeffrey Jutai, Ph.D., University of Western Ontario, Marcus Fuhrer, Ph.D., National Institutes of Health, Louise Demers, Ph.D., University of Montreal, James Lenker, Ph.D., University of Buffalo

Outcome measurement in telecare and telehealth: experience from the UK

Mark Hawley, Ph.D., Simon Brownsell, Ph.D., University of Sheffield and Barnsley Hospital, UK.

Self-report Outcome Measures for Mobility Assistive Devices: the Next Generation

Jeffrey Jutai, Ph.D., University of Western Ontario, Marcus Fuhrer, Ph.D., National Institutes of Health, Frank DeRuyter, Ph.D., Duke University Medical Center, Louise Demers, Ph.D., University of Montreal, James Lenker, Ph.D., University of Buffalo.

4:45pm

Concluding Remarks

Sandra Hubbard & Jeff Jutai

Acknowledgement

The organizers gratefully acknowledge partnership with the Technology & Aging Formal Interest Group of the Gerontological Society of America (Mary Hamil Parker and David Kutzik, Co-conveners) in organizing this event.

Registration and Contact Information

To register for this preconference intensive, logon to <http://www.icadi.php.ufl.edu/registration/>. It is not necessary to register for the full ICADI conference in order to attend a pre-conference intensive. If you have any questions, please email icadi@php.ufl.edu or call (352) 273-6126.