

**Leonard Trujillo, PhD, OTR/L, FAOTA**  
**Professor Emeritus and Chair Emeritus, Department of Occupational Therapy, East Carolina University (2003-2018)**

### **Selected Publications**

- Trujillo, L. G. (2017). The Effectiveness of Interactive Metronome® as a Restorative Modality to Improve Cognition and Motor Performance in Healthy Older Adults in Eastern North Carolina. *Journal of Neurology and Neuroscience*. 8: 2:186 doi 10.21767/2171-6625.1000186
- Trujillo LG, Painter JA (2015). The Validation of the Interactive metronome: A Pilot study Prior to Implementation for Post Deployment Service Members. *Journal of Neurology and Neuroscience*. 6: 2:7
- Trujillo, L., G (2015) The Un-Hailed Pilot Study – A Case for Publication. *Int J Neurorehabilitation* 2: 179. doi:10.4172/2376-0281.1000179
- Painter-Patton, J. A. & Trujillo, L. (2015). Fall Prevention and Fear of Falling Evidence-Based Approaches and Resources. *Gerontology Special Interest Section Quarterly*, 38 (2), 1-4.
- Trujillo LG, Painter JA, Berry CR (2014) The Culture of Falls and Fear of Falling: A Phenomenological Study. *J Women's Health Care* 3: 178. doi:10.4172/2167-0420.1000178
- Trujillo, L. G. & Amini, D (2013). Creating a custom fabricated neoprene orthosis for optimal thumb positioning. *Journal of Hand Therapy*. 26(4), 365-368
- Painter, J. A., Allison, L., Dhingra, P., Daugherty, J., & Cogdill, K. Trujillo, L. (2012). Fear of falling and its relationship with anxiety, depression, and activity engagement among community-dwelling older adults. *American Journal of Occupational Therapy*, 66(2), 169-176.
- Elliott, S., Ivanescu, A., Painter, J., Fogo, J., & Trujillo, L. (2012). The Feasibility of Interdisciplinary Community-based Fall Risk Screening. *American Journal of Occupational Therapy*, 66(2), 161-168.
- Dickerson, A., Reistetter, T., & Trujillo, L. G. (2009). Using IADL Assessment to Identify Older Adults Who Need a Behind-the-Wheel Driving Evaluation. *Journal of Applied Gerontology*. 29(4) 494–506
- Trujillo, L. G. & Painter, J. (2009). Effectiveness of Discussion Board Usage for Occupational Therapy Fieldwork II. *Journal of the Research Center for Educational Technology*, 5 (3), 80-88.
- Dickerson, A. & Trujillo, L. G. (2009). Practitioners' Perceptions of the Clinical Doctorate. *Journal of Allied Health*. 38(1) e-47-e51.
- Dickerson, A. E., Molnar, L.J., Eby, D.W., Alder, G., Bedard, M., M. Berg-Weger, S. Classen, D. Foley, A. Horowitz, H. Kerschner, O. Page, N.M. Silverstein, L. Saplin, Leonard G. Trujillo. (2007). Transportation and aging: a research agenda for advancing safe mobility. *Gerontologist*.
- Trujillo, L. (2007). Distance Education Pedagogy and Instructional Design and Development for Occupational Therapy Educational Programs. *Occupational Therapy in Health Care*. Vol. 21 Numbers 1 / 2
- Steinweg, S, Trujillo, L, Jeffs, T., and Warren S. (2006). Maintaining the Personal Touch in a Growing Program: Strategies for Establishing Social Presence in Online Classes. *Research Center for Educational Technology*. Spring.
- Trujillo, L, Zeng, X. (2006). Data Entry Workers Perceptions and Satisfaction Response to the

'STOP AND STRETCH' Software Program. *WORK A Journal of Prevention, Assessment and Rehabilitation*. Vol. 27, Number 2 in September 2006.

Reistetter, T. A., Spencer, J. C., Trujillo, L., and Abreu, B. C. (2005). Examining the Community Integration Measure (CIM): A replication study with life satisfaction. *NeuroRehabilitation*. Vol. 20 (2), pp. 139-148.

### **Selected Presentations**

Trujillo, L. G. (2017-2018). A Single Case Study: The Effectiveness of mCIMT in Combination With the Interactive Metronome as an Intervention Tool for Post-Stroke Clients, Salt Lake City UT.

Trujillo, L. G. (2016-2017) *Effectiveness of the Interactive Metronome: Does Use Improve Cognitive and Motor Abilities of Healthy, Older Adults in Eastern North Carolina?* AOTA National Conference, Philadelphia, PA

Trujillo, L. G. (2016-2017) *The Influence of Occupation-Based Activities on the Wellness of Aging Older Adults*. AOTA National Conference, Philadelphia, PA

Patton, J. A. & Trujillo, L. G. (2015-2016). *Falls Prevention and Fear of Falling: Evidence-Based Approaches and Resources*. 2016 AOTA National Conference, Chicago, IL, Chicago, Illinois.

Trujillo, L. G. & Patton, J. A. (2015-2016). *The Effectiveness of the IM with Health Aging Adults*. 2016 AOTA National Conference, Chicago, IL, Chicago, Illinois.

Trujillo, L.G., Painter-Patton, J. A. Effects of the Interactive Metronome on Memory Processing and Balance With Aging Adults 60+ Population. The American Occupational Therapy Annual Conference & Expo.

Trujillo, L.G., The Live Scribe Pen: It's Not Just for Note Taking Anymore. Tech Day Presentation. The American Occupational Therapy Annual Conference & Expo

Trujillo, L.G., Digital Whiteboarding - The Flip Side. Workshop Presentation. Hawaii International Conference on Education

Trujillo, L.G., Armstrong, L., Sparks, A The Exploration and Development of the Electronic Versions of the Motor-Free Visual Perception Test (3rd Edition) Tech Day Presentation. The American Occupational Therapy Annual Conference & Expo.

Radloff, J., Trujillo, L. Assistive Technology Devices and Strategies for Persons with Low Vision. NCOTA Conference.

Trujillo, L. G. (2013) Exploring the Flipped Classroom Model Panel Presentation - Think IN 2013 ECU

Trujillo, L. G. (2013) Digital Whiteboarding - The Flip Side Presentation - Think IN 2013 ECU

Trujillo, L.G. *A collective review of completed research projects evaluating the effectiveness of the Interactive Metronome as an OT Intervention*. 2013 The American Occupational Therapy 92nd Annual Conference & Expo.

Trujillo, L. G. & Painter, J. (2013). *Fear of Falling and It's Relationship with Anxiety, Depression, and Activity Engagement among Community-Dwelling Older Adults*. 2013 The American Occupational Therapy 92nd Annual Conference & Expo.

Trujillo, L. G. (2013) *The Versatility of the LiveScribe Pen in Teaching and Learning*. Think IN 2013 ECU.

Trujillo, L.G. *The effectiveness of the Interactive Metronome as an OT Intervention. A collective review of completed research pilot projects* 2012 the Interactive Metronome International Conference.

Trujillo, L. G. Demystifying Assistive Technologies for the Office Worker and Student Worker. 2012 the NC American Occupational Therapy Conference , Winston-Salem, NC

Trujillo, L. G. & Edwards, T. (2012). How Students with High functioning Autism use LiveScribe Pulse Pen. The 62nd Annual Conference on Exceptional Children.

Trujillo, L. G. Simple Every Day Assistive Technologies for the Office Worker. 2012 the American Occupational Therapy 92nd Annual Conference & Expo.

Trujillo, L. G., Fole, M., & Ridenhour, K. Developing Treatment Protocols Using the Interactive. (Metronome for Implementation with NC Project Re-Entry, Wounded Warrior Battalion) 2012 the American Occupational Therapy 92nd Annual Conference & Expo.

Trujillo, L. G., Painter, J., & Berry, C. Evidence-Based Practice for Falls Prevention. 2012 the American Occupational Therapy 92nd Annual Conference & Expo.

Military Engagement & Outreach Scholars Academy (MEOSA) – Speaker In-service provided by MEOSA ECU.

Trujillo, L. G. The Validity and Effectiveness of the Interactive Metronome as Treatment Modality with Post-CVA Clients. 2012 the American Occupational Therapy 92nd Annual Conference & Expo.

Tech Day Sessions Introduction to the Pulse Pen The American Occupational Therapy Association, Inc. 2010 Annual Conference & Expo.

Successful Use of the Pulse Pen with Children with Autism. Assistive Technology Industry Association. Orlando, FL.

An Introduction to Using the Pulse Smart Pen with High-Functioning Children on the Autism Spectrum. The American Occupational Therapy Association, Inc. 2010 Annual Conference & Expo.

The Use of the Interactive metronome as a Viable OT Treatment Modality. NCOTA Conference.

Taking a Step towards Using Technology to Evaluate Children in the Classroom. NCOTA Conference.

Dickerson, A., Reistetter, T., & Trujillo, L. The Use of Occupational Therapy IADL Assessment for Screening Older Adult Drivers. 2008 International AMPS Symposium: Measuring, Planning, and Implementing Occupation-based Programs.

Dickerson, A., Trujillo, L., & Reistetter, T. Occupational Therapists Can Screen Drivers without Getting Behind the Wheel. Gerontological Society of America Conference.

Dickerson, A., Trujillo, L., & Reistetter, T. Use of Occupational Therapy IADL Assessment for Screening Older Adult Drivers. Gerontological Society of America Conference.

Pre-Conference Workshop Juried review - Critical Elements of Assistive Technology Research: A Timely Conversation, Assistive Technology Industry Association. Orlando, FL.

Conference Workshop Juried review - Using the PDA and PowerPoint to Assist with Cognitive Disabilities, Assistive Technology Industry Association. Orlando, FL.

Conference Paper Juried review - Exploring Professional Development Opportunities in Assistive Technology, Assistive Technology Industry Association. Orlando, FL.

Key Note Speaker: Developing Protocols for the Older Adult At-Risk Drivers. Interactive Metronome Professional Conference, Austin TX

Panel of International Experts. Outcomes and measures of the Older Adult Driver in Eastern North Carolina: A retrospective Review. 14th Congress of the World Federation of Occupational Therapists Conference. Sydney, Australia.

Poster. A Comparison of the AMPS with Visual, Perceptual, Cognitive and Behind the Wheel Assessments. 14th Congress of the World Federation of Occupational Therapists. Sydney, Australia.

Workshop: "Developing Installation Instructional Kiosks Using MS Agent and PowerPoint". Assistive Technology Industry Association (ATIA) 2006 National Conference Orlando, FL.

Presentation: "Outcomes and Measures of the Older Driver in Eastern North Carolina: A Retrospective Review". International Conference on Aging Disability and Independence (ICADI), St Petersburg, FL.

Presentation: "Using MS Agent In Developing Assistive Technology Educational Kiosks". International Conference on Aging Disability and Independence (ICADI), St Petersburg, FL.

Poster: "The Relationship between the North Carolina DMV Examiners and Occupational Therapist Driving Evaluators". American Occupational Therapy Association (AOTA) National Conference, Charlotte, NC.

Workshop: "White House Conference on Aging: Occupational Therapy Implications for Policy and Practice". American Occupational Therapy Association (AOTA) National Conference, Charlotte, NC.

Poster: A Reflective Analysis of the Older Adult Driver Occupational Therapy Evaluation Process", Gerontological Society of America (GSA), International Conference, Orlando, FL.

Presentation: "NC Occupational Therapy Forum on White House Conference on Aging" North Carolina Occupational Therapy Association (NCOTA) State Conference, Durham, NC.

Presentation: "An On-Line Assistive Technology Certification Program", Assistive Technology Industry Association (ATIA) National Conference, Orlando, FL.