

Lisa Selby-Silverstein, PT, PhD, NCS

Dr. Selby-Silverstein is a Professor at Neumann University and teaches in the Physical Therapy Program. She previously was on faculty at Thomas Jefferson University where she also served as Director of the Human Performance Laboratory. At various times throughout her career, she has been an active clinician in rehabilitation settings, gait laboratories, developmental centers, early intervention, school-based, home care and outpatient physical therapy settings. She received her Bachelor's Degree in Physical Therapy from Ithaca College, her Master's Degree in Developmental Disabilities from New York University, and her Doctor of Philosophy Degree in Pediatric Physical Therapy from Hahnemann University with her research focused on Foot and Ankle Biomechanics during Gait and the Effect of Foot Orthoses which she conducted in the Gait Study Center of the PA College of Podiatric Medicine. She received her Second Recertification as a Neurological Clinical Specialist from the American Physical Therapy Association Specialty Boards in 2009. She also was certified as a WalkAide System Evaluator/ Provider through Innovative Neurotronics on July, 12, 2008. Dr. Selby-Silverstein currently practices part-time in an outpatient setting.

Recent abstract publications

- Selby-Silverstein, L., Atkins, T., Liebrand, A., Russen, C. (2017). Reliability and Validity of Measurements for Infants with Plagiocephaly including Development of the Skull Cap Test. *Pediatric Physical Therapy, 29(1)*, E7-E43.
- Selby-Silverstein, L., Conti, M., Laird N., Rubin, S., Ruggia, D., Seick, N. (2016). Heel pain in children: A knowledge translation survey. *Journal of Orthopaedic & Sports Physical Therapy, 45 (1)* A158–A208, SPO99.
- Selby-Silverstein L., Holbert M., Mertz J., Valerio L, Oleforo J. A Systematic Review of Diagnosis and Intervention for Children with Heel Pain, Sever's Injury, poster presentation CSM, 2015, CSM Abstract publication *JOSPT, January, 2015*.
- Selby-Silverstein L, Mitchell KL, Hanley S, Marchincin R, and Medley-Keith M. Effect of Custom Foot Orthoses verses Fast Fit DAFOs on Standing Alignment, Gait, and Function in a Children with Gross Motor Delay: A Case Study, Poster presented at CSM, 2014, *CSM Abstract publication, Pediatric Physical Therapy, Winter, 2013*.

- Van Hemert L, Selby-Silverstein L. A New Simple Approach to Rating Articles Using a Single Combined Internal Validity Score (CIVS). CSM poster, Research Section, San Diego, January 2013, also presented at mini-CSM run by Thomas Jefferson University, Spring, 2013.
- Cuffia B, Selby-Silverstein L, Atkins T. Validity of the APTA's PT Student Evaluation of a Clinical Site and Clinical Teaching in Physical Therapy Clinical Education. CSM poster, Education Section, January 2013, also presented at mini-CSM run by Thomas Jefferson University, Spring, 2013.

Recent presentations

- Invited facilitator: 2 Discussion/Integration sessions, IVSTEP 2016: Prevention, Prediction, Plasticity, and Participation. The Neurology and Pediatrics Sections of the APTA. Ohio State University. Friday, Sunday, July 17, 2:00 PM – 5:00 PM, and Monday, July 18, 2:00 PM – 5:00 PM. Breakout Session Topic: Developmental Coordination Disorder.
- Selby-Silverstein L, Tilson J. Electronic Medical Records and EBP: An opportunity to Maximize Knowledge Translation? In preparation for presentation at Combined Sections Meeting (CSM) of the American Physical Therapy Association (APTA), 2 hour presentation, Feb, 2016, Anaheim, CA.
- Selby-Silverstein L, Tilson J, Costello M, Larsen C, Ogsten J. How should I treat this patient? Accessing synthesized evidence at the point of care. Presentation at Combined Sections Meeting (CSM) of the American Physical Therapy Association (APTA), 2 hour presentation, Feb 6, 2015, Indianapolis, Illinois.
- Selby-Silverstein L. Model Journal Club. Neumann University Convivium, October, 2014.
- Selby-Silverstein L. Model Journal Club. Invited platform presentation as part of Research Section preconference, Combined Sections Meeting, Las Vegas, Nevada, Feb 3 2014.
- Selby-Silverstein L, Tilson J, Greenberger H, Norris T, Richter RR. America's Next Top Model Journal Club: Tools to help you run a journal club next week, EBP SIG 2 hour presentation, CSM San Diego, January 2013.

Publications

- Christopher Neville, Lisa Selby-Silverstein, Clarke Brown et al. Foot and Ankle Curricular Guidelines For Physical Therapist Professional Degree Programs.

Orthopaedic Section, Foot and Ankle Special Interest Group, Invited publication, Dec 2014.

- Hilary B. Greenberger, Susan Appling, Lisa Selby-Silverstein. CPG+ Team for Ankle Instability Guideline. Scheduled for October completion and online publication, PTNow, Online Knowledge Translation Portal of the American Physical Therapy Association. October, 2014.
<http://www.ptnow.org/PracticeGuidelines/Detail.aspx?cid=e55e4a4b-3436-4c5d-bbda-921824e8a3e0#.VD7H2VfII9Q>
- Julie K. Tilson, Hilary Greenberger, Traci Norris, Barabara Sargent, Lisa Selby-Silverstein. CPG+ Team for Torticollis Guideline, PTNow, Online Knowledge Translation Portal of the American Physical Therapy Association. January, 2014, <http://www.ptnow.org/PracticeGuidelines/Detail.aspx?cid=e0a3dc58-375e-47a0-a062-7869a5629bce>.
- Selby-Silverstein L, Atkins T, Commentary on “Pain, Balance, Activity and Participation in Children with Hypermobility Syndrome. A Pilot Study”, Pediatric Physical Therapy, Pediatric Physical Therapy, Winter, 2012.
- Selby-Silverstein L, Atkins T, Commentary on “The Effect of Knowledge Translation Procedures on Application of Information from A Continuing Education Conference”, Pediatric Physical Therapy, Summer, 2012.
- Selby-Silverstein L, Hillstrom H, Palisano R. The Effect Of Foot Orthoses On Standing Foot Posture And Gait Of Young Children With Down Syndrome. Neurorehabilitation, 16 (2001), 183-193.
- Selby-Silverstein, Chapter 9, Pediatric Orthoses, invited submission, in Damiano D. Topics in Pediatrics, American Physical Therapy Association Publications, Home Study course, January, 2001.
- Chesnin KJ, Selby-Silverstein L, Besser MP. Concurrent Validity of Center of Pressure Comparing an In-Shoe Measurement Device to a Force Plate. Gait and Posture, 12 (2000), 128-133.
- Selby-Silverstein, Invited Commentary: Article Critique, Journal of Orthopaedic and Sports Physical Therapy, October, 2000.
- Selby-Silverstein L, Farrett W, Maurer B, Hillstrom H. Gait Analysis and Bivalved Serial Casting of An Athlete: A Single Case Design. (with cover picture) Journal of Orthopaedic and Sports Physical Therapy, 25(4):282-288, 1997.
- Selby-Silverstein. The Future of Gait Analysis, an invited position paper. in Quatrano LA and Stanhope SJ. Gait Analysis in Rehabilitation Medicine, U.S. Department of Health and Human Services, Public Health Service, National Institute of Health, 1996.

- Graziani V, Crozier KC, Selby-Silverstein L. Lower Extremity Function Following Spinal Cord Injury. *Topics in Spinal Cord Injury Rehabilitation*, 1(4):46-55, 1996.
- Maurer B, Siegler S, Hillstrom H, Selby-Silverstein L, Farrett W, Downey MS. Quantitative Identification of Ankle Equinus with Applications for Treatment Assessment. *Gait and Posture*, 3:19-28, 1995.
- Selby-Silverstein L. Gait Assessment of Children to Enhance Evaluation of Foot and Ankle Function and Treatment Efficacy. in Craik B and Oatis C. *Gait Analysis: Theory and Application*, 1994.
- Selby L. Neutral Position Serial Inhibitory Casting: A Case Report. *Physical Therapy*, 68(12):1921-1923, 1988.