

## **CURRICULUM VITAE**

**CRAIG A. VELOZO**

MEDICAL UNIVERSITY OF SOUTH CAROLINA,  
COLLEGE OF HEALTH PROFESSIONS  
DEPARTMENT OF HEALTH PROFESSIONS  
DIVISION OF OCCUPATIONAL THERAPY

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### **EDUCATION:**

Doctor of Philosophy Degree in Experimental Psychology, 1984, Ohio University, Athens, Ohio

Bachelor of Science Degree in Occupational Therapy, 1984, Washington University School of Medicine, St. Louis, Missouri

Master of Science Degree in Experimental Psychology, 1981, Ohio University, Athens, Ohio

Bachelor of Arts Degree in Psychology, 1977, College of the Holy Cross, Worcester, Massachusetts

### **WORK HISTORY:**

2013-Present	<u>Medical University of South Carolina</u> , College of Health Professions, Division of Occupational Therapy, Director.
2008-2013	<u>North Florida/South Georgia Veterans Health System</u> , Brain Rehabilitation Research Center of Excellence, Gainesville, Research Health Scientist, Florida, Lead – Behavioral Measurement Core.
2001-2013	<u>North Florida/South Georgia Veterans Health System</u> , Rehabilitation Outcomes Research Center, Research Enhancement Award Program, Gainesville, Florida, Research Health Scientist, Lead - Behavioral Measurement Core.
2000-2013	<u>University of Florida</u> , College of Public Health and Health Professions, Department of Occupational Therapy, Gainesville, Florida, Associate Chair, Director of Graduate Studies, Associate Professor (2000-2008) Professor (2008-present): Teaching, research and committee responsibilities. Research areas include: development of outcome measures in health care and computerized adaptive surveys in disability.

1988-2000	<u>University of Illinois at Chicago, College of Health and Human Development Sciences, Department of Occupational Therapy, Chicago, Illinois</u> Associate Professor: Teaching, research and committee responsibilities. Research areas include: development of outcomes measures in health care, development of computerized data analysis systems for rehabilitation research, predication/efficacy studies on injured workers
1986-1988	<u>Head Injury Resource Center, Irene Walter Johnson Rehabilitation Institute, Washington University School of Medicine, St. Louis, Missouri</u> Therapist and research facilitator: Developed cognitive retraining program for head injury comprehensive day treatment program. Provided individual and group cognitive retraining and occupational therapy. Coordinated the development of a computerized database on post-acute head-injured patients.
1985-1986	<u>Occupational Therapy Department, Irene Walter Johnson Rehabilitation Institute, Washington University School of Medicine, St. Louis, Missouri</u> Staff Occupational Therapist: Provided acute neurology and long-term neurology rehabilitation services.

#### **FUNDED GRANTS/CONTRACTS:**

1. Scholarships for Health Professions Students from Disadvantaged Backgrounds, Health Resources and Services Administration (\$3,250,000) – PI- July 2020-June 2024.
2. Application of State-of-the-Art Measurement in Monitoring Long-term Outcomes of Spinal Cord Injury in South Carolina (\$65,450) February 2017- January 2018.
3. Florida Trauma Rehabilitation Center for Returning Military Personnel: (\$12,420) – Department of Defense – Local PI – December 2014 – March 2015.
4. Item Banking Across the Continuum of Care: (\$334,101) – Department of Veterans Affairs, Health Services Research and Development – Investigator – October 2011- September 2014.
5. Modifying the Computer Adaptive Measure of Functional Cognition-TBI for the Veterans Health System: A Feasibility Study (\$176,384) – Department of Defense – Investigator – January 2012 – June 2013.
6. Responsiveness of a Neuromuscular Recovery Scale for Spinal Cord Injury: Inpatient and Outpatient Rehabilitation (\$49,979) – Department of Defense – Investigator – July 2010 – June 2012
7. Development and Validation of a Self-Efficacy Item Bank (\$552,638) – National Institute of Health – Local Principal Investigator - September 2009 – August 2013.
8. Examining the Applicability of the Computer Adaptive Measure of Functional Cognition

- for Traumatic Brain Injury (CAMFC-TBI) for Veterans with Mild Traumatic Brain Injury (\$19,567) – Principal Investigator – University of Florida, September 2009 – August 2010.
9. Assessing Safety in Persons with Traumatic Brain Injury (\$143,578) – Local Principal Investigator – Department of Education, October 2008 – September 2011.
  10. Veteran-Centered Outcomes Using Qualitative and Quantitative Methods (\$260,614) Principal Investigator - Department of Veterans Affairs - July 2006 - June 2008.
  11. Proposal to Develop a Computer Adaptive Measure of Functional Cognition (CAMFC) for Stroke (\$613,759) - Principal Investigator - GlaxoSmithKline, Inc. January 2006 – December 2008.
  12. Developing a Computer Adaptive TBI Cognitive Measure (\$253,500) Principal Investigator - National Institute of Health, April 2004 – May 2007
  13. Linking Measures Across the Continuum of Care (\$300,156) Principal Investigator – Department of Veterans Affairs, October 2003 – September 2005.
  14. Linking Healthcare Data Across the Continuum of Care (\$20,000) Principal Investigator – University of Florida Research Opportunity Fund 2001 – May 2001 – April 2002.
  15. Community Access to Recreation and Fitness Facilities for People with Disabilities: Project to Develop, Validate and Disseminate Instruments to Assess Community Access of Recreation and Fitness Facilities (\$900,000) Co-Principal Investigator (10%) – Center for Disease Control – September, 2000 – August, 2003
  16. Advancing Core Methodologies for Outcomes Research (\$300,000) Co-Principal Investigator – American Occupational Therapy Foundation – January 2000 – December 2002.
  17. Equiprecise Measurement for ICDH-2 Classification of Activity: An Innovative Solution for Evaluating the Worldwide Incidence and Prevalence of Disability (\$447,491) Principal Investigator - National Institute on Disability and Rehabilitation Research – August 1999 – July 2002.
  18. Elderly Wellness Demonstration Project (\$11,920) Principal Investigator – Alexian Brothers/Catholic Charities – January 1999 – June 1999.
  19. Medirisk Research and Development Project Year Two Continuation (\$106,998) Principal Investigator – Medirisk, Inc. March 1998 – September 1998.
  20. Medirisk Nutrition and Infection Scale Analyses for Intensiva (\$2,090) Principal Investigator – Medirisk, Inc. August 1997- September 1997.
  21. Item Reduction Project (\$8,175) Principal Investigator – Medirisk, Inc.– July 1997– August 1997.

22. Medirisk Research and Development Project Year Two (\$189, 945) Medirisk Inc., September 1997- February 1998.
23. Formations Research and Development Project (\$367,195) Principal Investigator - Formations in Health Care, Inc. - August 1996 to July 1997.
24. Fear of Falling Among Minority Community Dwelling Elderly (\$10,719) Principal Investigator - University of Illinois at Chicago, Center for Health Interventions with Minority Elderly – October 1994 – September 1995.
25. Formations Data-Analysis Project (\$8,990) Principal Investigator - Formations in Health Care, Inc. - June 1994 – May 1995.
26. Development of a National Data Base to Study the Effectiveness of Industrial Rehabilitation (\$63,300) Principal Investigator - American Occupational Therapy Foundation – February 1993 – March 1995.
27. Foundational, Specialty and Advanced Training of Occupational Therapists for Work-Related Services (\$315,000) Co-investigator - July 1993 – June 1996.
28. Effectiveness of Occupational Therapy: A Database Approach (\$43,452) Principal Investigator - American Occupational Therapy Association – September 1992 – June 1994.
29. Validity and Reliability of the Worker Role Interview: Relationship of Psychosocial Factors to the Outcome of Work Hardening Treatment (\$10,000) – Principal Investigator – American Occupational Therapy Association – July 1992 – February 1994
30. Efficacy of Work Hardening for the Low Back Pain Patient (\$14,900) Principal Investigator – American Occupational Therapy Foundation – December 1989 – April 1991
31. Demographic and Intervention Factors in Return to Work: A Database Approach (\$49,934) Principal Investigator – National Institute on Disability and Rehabilitation Research, Department of Education – December 1989 – November 1990
32. Intervention Efficacy: A Database Model (\$7,716) Principal Investigator – Campus Research Board, University of Illinois at Chicago – July 1989 – June 1990

## **AWARDS**

American Occupational Therapy Association Eleanor Clarke Slagle Lectureship Award 2019  
 American Occupational Therapy Association Outstanding Mentor Award of the 2019  
 Fellow of the American Occupational Therapy Association 2016  
 American Occupational Therapy Service Commendation 2008  
 Superior Accomplishment Award, University of Florida, 2003  
 American Occupational Therapy Academy of Research, 2000  
 Excalibur Award for Excellence in Teaching, University of Illinois at Chicago, 2000  
 Silver Circle Award for Teaching Excellence, University of Illinois at Chicago, 1992



## Refereed Publications

1. Li CY, Arthur P, Hong I, Velozo C. (2019). Piloting an empirical approach to link the International Classification of Functioning, disability, and health to job demand classification. *J Work* 64(4):721-9. doi:10.3233/WOR-193034.
2. Lee, M.J., Romero, S., Jia, H., Velozo, C., Gruber-Baldini, A., & Shulman, L. (In Press) Self-Efficacy for Managing Hypertension and Comorbid Conditions, *World Journal of Hypertension*.
3. Seamon BA, Kautz SA, Velozo CA. (In Press) Rasch Analysis of the Activities-Specific Balance Confidence Scale in Individuals Post-Stroke. *Archives of Rehabilitation Research and Clinical Translation*.
4. Lee, M. J., Romero, S., Velozo, C., Gruber-Baldini, A., Shulman, L. (2019). Multidimensionality of the PROMIS self-efficacy measure for managing chronic conditions. *Qual Life Res* 28(6): 1595-1603
5. McRackan, T. R., Hand, B. N., Velozo, C. A., Dubno, J. R., Cochlear Implant Quality of Life Development, Consortium (2019). Association of Demographic and Hearing-Related Factors with Cochlear Implant-Related Quality of Life. *JAMA Otolaryngol Head Neck Surg* 145(5): 422-430.
6. McRackan, T. R., et al. (2019). Development of the Cochlear Implant Quality of Life Item Bank. *Ear Hear* 40(4): 1016-1024.
7. Shulman, L. M., Velozo, C. A., Romero, S., Gruber-Baldini, A. L. (2019). Comparative Study of PROMIS Self-Efficacy for Managing Chronic Conditions Across Chronic Neurologic Disorders. *Quality of Life Research*.
8. Hunnicutt, J. L., Hand, B. N., Gregory, C. M., Slone, J. S., McLeod, M. M., B., P., . . . Velozo, C. A. (2018). KOOS-JR demonstrates psychometric limitations in measuring knee health in individuals after ACL reconstruction. *Sports Health*, 20(10). DOI: 10.1177/1941738118812454.
9. Hong, I., Simpson, A. N., Simpson, K. N., Brotherton, S. S., & Velozo, C. A. (2018). Comparing disability levels for community-dwelling adults in the United States and the Republic of Korea using the Rasch model. *Journal of Applied Measurement*, 19(2), 114-128.
10. Hand, B. N., Velozo, C. A., & Krause, J. S. (2018). Measuring the interference of pain on daily life in persons with spinal cord injury: A Rasch-validated subset of items from the Brief Pain Inventory interference scale. *Aust Occup Ther J*. doi:10.1111/1440-1630.12493
11. Grattan, E. S., Velozo, C. A., Skidmore, E. R., Page, S. J., Woodbury, M. L. (2018). "Interpreting Action Research Arm Test Assessment Scores to Plan Treatment." *OTJR (Thorofare N J)*: 1539449218757740.

12. Hand, B. N., Velozo, C. A. & Krause, J. S. (2017). "Rasch measurement properties of the Pain Medication Questionnaire in persons with spinal cord injury." *Spinal Cord*. doi:10.1038/sc.2017.89
13. McRackan, T. R., Bauschard, M., Hatch, J. L., Franko-Tobin, E., Droghini, H. R., Velozo, C. A., Nguyen, S. A., Dubno, J. R. (2018). Meta-analysis of Cochlear Implantation Outcomes Evaluated With General Health-related Patient-reported Outcome Measures. *Otol Neurotol*, 39(1), 29-36. doi:10.1097/MAO.0000000000001620
14. Li, C. Y., Romero, S., Simpson, A.N., Bohila, H.S., Simpson, K.N., Hong, I., Velozo, C.A. (2017). "FIM-Minimum Data Set Motor Item Bank: Short Forms Development and Precision Comparison in Veterans." *Arch Phys Med Rehabil*. 99(3), 534-541 e532. doi:10.1016/j.apmr.2017.06.022
15. McRackan, T. R., Velozo, C. A., Holcomb, M. A., Camposeo, E. L., Hatch, J. L., Meyer, T. A., Lambert, P. R., Melvin, C. L., Dubno, J. R.. (2017). Use of Adult Patient Focus Groups to Develop the Initial Item Bank for a Cochlear Implant Quality-of-Life Instrument. *JAMA Otolaryngol Head Neck Surg*. 28772297
16. Li, C.Y., Velozo, C., Hong, I., Newman, J., Li, C., & Krause, J. S. (2017). Generating Rasch-Based Activity of Daily Living Measures from the Spinal Cord Injury Longitudinal Aging Study. *Spinal Cord*. 28895574
17. Li, C. Y., Romero, S., Simpson, A. N., Bonilha, H. S., Simpson, K. N., Hong, I., & Velozo, C. A. (2017). Functional Independence Measure - Minimum Data Set Motor Item Bank: Short Forms Development and Precision Comparison in Veterans. *Archives of Physical Medicine and Rehabilitation*. 27856680
18. Li, C. Y., Romero, R., Simpson, K., Simpson, A., Bonilha, H., Hong, I., & Velozo, C. (2017). Linking Existing Instruments to Develop a Continuum of Care Measure: Accuracy Comparison using Functional Related Group Classification. *Journal of Quality of Life Research*. DOI: 10.1007/s11136-017-1598-1
19. Hong, I., Dodds, C. B., Coker-Bolt, P., Simpson, A. N., & Velozo, C. A. (2017). How accurately do both parents and health professionals assess overweight in children? *Pediatric Physical Therapy*, 29(3), 283-285. doi: 10.1097/PEP.0000000000000403
20. Gruber-Baldini, A. L., Velozo, C., Romero, S., Shulman, L.M. (2017). "Validation of the PROMIS(R) measures of self-efficacy for managing chronic conditions." *Quality of Life Research*, 26(7): 1915-1924.
21. Li, C. Y., Romero, S., Bonilha, H. S., Simpson, K. N., Simpson, A. N., Hong, I., Velozo, C. A. (2016). "Linking Existing Instruments to Develop an Activity of Daily Living Item Bank." *Eval Health Prof*.
22. Hong, I., Woo, H. S., Shim, S., Li, C. Y., Yoonjeong, L., Velozo, C. A. (2016). Equating activities of daily living outcome measures: the Functional Independence Measure and the Korean version of Modified Barthel Index. *Disabil Rehabil*: 1-8.

23. Hong, I., Simpson, A. N., Li, C., & Velozo, C. A. (2016). Development of an upper extremity function measurement model. *Journal of Applied Measurement*, 17(3): 302-311.
24. Hong I., Coker-Bolt, P., Anderson, K. R., Lee, D., & Velozo, C. A. (2016). "Relationship Between Physical Activity and Overweight and Obesity in Children: Findings From the 2012 National Health and Nutrition Examination Survey National Youth Fitness Survey." *Am J Occup Ther* 70(5): 7005180060p7005180061-7005180068.
25. Hong, I., Velozo, C. A., Li, C. Y., Romero, S., Gruber-Baldini, A. L., & Shulman, L. M. (2016). Assessment of the psychometrics of a PROMIS item bank: Self-efficacy for managing daily activities. *Quality of Life Research*, 25(9), 2221-2232. doi:10.1007/s11136-016-1270-1
26. Hong, I., Li, C. Y., Velozo, C.A. (2016). Item-Level Psychometrics of the Glasgow Outcome Scale: Extended Structured Interviews. *Occupational Therapy Journal of Research*, 36(2): 65-73.
27. Balashubramanian, C.K., Li, C.Y., Bowden, M.G., Duncan, P.W., Kautz, S.A., Velozo, C.A. (2016). Dimensionality and item-difficulty hierarchy of the lower extremity Fugl-Meyer Assessment in individuals with subacute and chronic Stroke, 97(4), 582-589.
28. Seel RT, Macciocchi SN, Velozo CA, Shari K, Thompson N, Sander A, Heinemann A, Sleet D. (2016). The Safety Assessment Measure for Persons with Traumatic Brain Injury: Item Pool Development and Content Validity. *Neurorehabilitation*, 39(3): 371-387.
29. Tester NJ, Lorenz DJ, Suter SP, Buehner JJ, Falanga D, Watson E, Velozo CA, Behrman AL, Basso, DM. (2015) Responsiveness of the Neuromuscular Recovery Scale during outpatient activity-dependent rehabilitation for spinal cord injury. *Neurorehabil Neural Repair*, 30(6): 528-538.
30. Persch, A. C., Gugiu, P. C., Velozo, C. A., & Page, S. J. (2015). Rasch Analysis of the Wrist and Hand Fugl-Meyer: Dimensionality and Item-Level Characteristics. *J Neurol Phys Ther*, 39(3), 185-192. doi: 10.1097/NPT.0000000000000096
31. Li, C. Y., Waid-Ebbs, J., Velozo, C. A., & Heaton, S. C. (2015). Factor structure and item level psychometrics of the Social Problem Solving Inventory - Revised: Short Form in traumatic brain injury. *Neuropsychol Rehabil*, 1-18. doi: 10.1080/09602011.2015.1044458
32. Velozo, C., Moorhouse, M., Ardolino, E., Lorenz, D., Suter, S., Basso, D. M., & Behrman, A. L. (2015). Validity of the Neuromuscular Recovery Scale: A Measurement Model Approach. *Arch Phys Med Rehabil*. doi: 10.1016/j.apmr.2015.04.004
33. Behrman, A. L., Velozo, C., Suter, S., Lorenz, D., & Basso, D. M. (2015). Test-Retest Reliability of the Neuromuscular Recovery Scale. *Arch Phys Med Rehabil*. doi: 10.1016/j.apmr.2015.03.022
34. Basso, D. M., Velozo, C., Lorenz, D., Suter, S., & Behrman, A. L. (2014). Inter-rater



reliability of the Neuromuscular Recovery Scale for spinal cord injury. *Arch Phys Med Rehabil.* 96(8): 1397-1403, doi: 10.1016/j.apmr.2014.11.026

35. Sabari, J. S., Woodbury, M., & Velozo, C. A. (2014). Rasch analysis of a new hierarchical scoring system for evaluating hand function on the motor assessment scale for stroke. *Stroke Res Treat*, 2014, 730298. doi: 10.1155/2014/730298
36. Lim, Y., Velozo, C., Bendixin, R.M. (2014). The level of agreement between child self-reports and parent proxy-reports of health-related quality of life in boys with Duchene muscular dystrophy. *Quality of Life Research*, 23(7). 1945-1952.
37. Velozo, C. A., Warren, M., Hicks, E., & Berger, K. A. (2013). Generating Clinical Outputs for Self-Reports of Visual Functioning. *Optometry and Vision Science*, 90(8), 765-775.
38. Woodbury, M., Velozo, C.A., Richards, L., Duncan, P. (2013). Rasch analysis staging methodology to classify upper extremity movement impairment after stroke. *Archives of Physical Medicine and Rehabilitation*. 94(8):1527-1533
39. Jordan, M. M., Berkowitz, D., Hanold, E., Velozo, C.A., & Behrman, A.L. (2013). Thinking through every step: How people with spinal cord injuries relearn to walk. *Qualitative Health Research*, 23, 1027-1041.
40. Classen, S., Wang, Y., Winter, S. M., Velozo, C. A., Lanford, D. N., & Bedard, M. (2013). Concurrent criterion validity of the safe driving behavior measure: a predictor of on-road driving outcomes. *Am J Occup Ther*, 67(1), 108-116.
41. Waid-Ebbs, J. K., Wen, P. S., Heaton, S. C., Donovan, N. J., & Velozo, C. (2012). The item level psychometrics of the behaviour rating inventory of executive function-adult (BRIEF-A) in a TBI sample. *Brain Injury*, 26(13-14), 1646-1657.
42. Velozo, C.A., Seel, R.T., Magasi, S., Heinemann, A.W., Romero, S. (2012). Improving measurement methods in rehabilitation: core concepts and recommendations for scale development. *Archives of Physical Medicine and Rehabilitation*, 93(8 Suppl), S154-63.
43. Classen, S., Wen, P. S., Velozo, C. A., Bedard, M., Winter, S. M., Brumback, B., & Lanford, D. N. (2012). Psychometrics of the self-report safe driving behavior measure for older adults. *Am J Occup Ther*, 66(2), 233-241.
44. Stiers, W., Carlozzi, N., Cernich, A., Velozo, C., Pape, T., Hart, T., Gulliver, S., Rogers, M., Villarreal, E., Gordon, S., Gordon, W., Whiteneck, G. (2012). Measurement of participation outcomes in the rehabilitation of persons with traumatic brain injury. *Journal of Rehabilitation Research and Development*, 49(1), 139-54.
45. Bowden, M. G., Behrman, A. L., Woodbury, M., Gregory, C. M., Velozo, C. A., & Kautz, S. A. (2012). Advancing measurement of locomotor rehabilitation outcomes to optimize interventions and differentiate between recovery versus compensation. *Journal of Neurologic Physical Therapy*, 36(1), 38-44.
46. Velozo, C. A., & Woodbury, M. (2011). Translating measurement findings into rehabilitation practice: an example using the Fugl-Meyer Assessment of the Upper

Extremity with clients following stroke. *Journal of Rehabilitation Research and Development*, 48(10), 467-78.

47. Classen, S., Wen, P. S., Velozo, C. A., Bédard, M., Winter, S. M., Brumback, B. A., & Lanford, D. N. (2012). Rater reliability and rater effects of the Safe Driving Behavior Measure. *American Journal of Occupational Therapy*, 66(1), 69-77.
48. Park, S.-Y., Yi, H.-H., & Velozo, C. A. (2011). Development and validation of the Korean version of Gross Motor Function Measure. *Journal of Physical Therapy Science*, 23, 327-31.
49. Romero, S., Bishop, M. D., Velozo, C. A., & Light, K. (2011). Minimum detectable change of the berg balance scale and dynamic gait index in older persons at risk for falling. *Journal of Geriatric Physical Therapy*, 34(3), 131-7.
50. Lehman, L. A., Woodbury, M., Shechtman, O., Wang, Y. C., Pomeranz, J., Gray, D. B., & Velozo, C. A. (2011). Development of an item bank for a computerised adaptive test of upper-extremity function. *Disability and Rehabilitation*, 33(21-22), 2092-104.
51. Del Toro, C. M., Bislick, L. P., Comer, M., Velozo, C., Gonzalez, L. J., Kendall, D. L., & Romero, S. (2011). Development of a short form of the Boston Naming Test for individuals with aphasia. *Journal of Speech, Language, and Hearing Research*, 54(4), 1089-100.
52. Winter, S. M., Classen, S., Bédard, M., Lutz, B., Velozo, C. A., Lanford, D. N., & Brumback, B. (2011). Focus group findings for a self-report Safe Driving Behavior Measure. *Canadian Journal of Occupational Therapy*, 78(2), 72-9.
53. Donovan, N. J., Heaton, S. C., Kimberg, C. I., Wen, P.S., Waid-Ebbs, K., Coster, W., Singletary, F., & Velozo, C. A. (2011). Conceptualizing functional cognition in traumatic brain injury rehabilitation. *Brain Injury*, 25(4), 358-64.
54. Lehman, L. A., Sindhu, B. S., Johnson, J., & Velozo, C. A. (2011). Creating a clinically useful data collection form for the DASH questionnaire. *American Journal of Occupational Therapy*, 65(1), 45-54.
55. Lehman, L. A., & Velozo, C. A. (2010). Ability to detect change in patient function: Responsiveness designs and methods of calculation. *Journal of Hand Therapy*, 23(4), 361-70.
56. Jones, H. N., Kendall, D. L., Okun, M. S., Wu, S. S., Velozo, C. A., Spencer, K. A., & Rosenbek, J. C. (2010). The effects of deep brain stimulation of globus pallidus and subthalamic stimulation on speech motor programming in patients with Parkinson's disease. *International Journal of Speech Language Pathology*, 12 (5), 385-98.
57. Classen, S., Winter, S. M., Velozo, C., Bédard, M., Lanford, D., Brumback, B., & Lutz, B. (2010). Item development and validity testing for a Safe Driving Behavior Measure. *American Journal of Occupational Therapy*, 62(2), 296-305.
58. Byers, K. L., Moorhouse, M. D., Pomeranz, J. L., Velozo, C. A., & Spitznagel, R. L.

- (2010). Applying computer adaptive testing to vocational evaluations. *Vocational Evaluation and Career Assessment Professional Journal*, 6(1), 1-10.
59. Woodbury, M., Velozo, C. A., Thompson, P. A., Light, K., Uswatte, G., Taub, E., Winstein, C. J., Morris, D., Blanton, S., Nicols-Larson, D. S., & Wolf, S. L. (2010). Measurement structure of the Wolf Motor Function Test: Implications for motor control theory. *Neurorehabilitation and Neural Repair*, 24(9), 791-801.
  60. Lehman, L. A., Sindhu, B. S., Shechtman, O., Romero, S., & Velozo, C. A. (2009). A comparison of the ability of two upper extremity assessments to measure change in function. *Journal of Hand Therapy*, 23(1), 31-9.
  61. Wang, Y. C., Byers, K. L., & Velozo, C. A. (2008) Validation of the FIM-MDS crosswalk conversion algorithm. *Journal of Rehabilitation Research and Development*, 45(7), 1065-76.
  62. Woodbury, M. L., Velozo, C. A., Richards, L. G., Duncan, P. W., Studenski, S., Lai, S. M. (2008). Longitudinal stability of the Fugl-Meyer upper extremity assessment. *Archives of Physical Medicine and Rehabilitation*, 89(8), 1563-9.
  63. Pomeranz, J. L., Byers, K., Moorehouse, M. D. Velozo, C. A., & Spitznagel, R. A. (2008). Using Rasch analysis to investigate the psychometric properties of the word knowledge subtest of the Career Ability Placement Survey. *Rehabilitation Counseling Bulletin*, 51, 251-9.
  64. Velozo, C. A., Wang, Y., Lehman, L., & Wang, J. (2008). Utilizing Rasch measurement models to develop a computer adaptive self-report of walking, climbing and running, *Disability and Rehabilitation*, 30(6), 458-67.
  65. Donovan, N. J., Kendall, D. L., Heaton, S. C., Velozo, C. A., Kwon, S., & Duncan, P. W. (2008). Conceptualizing functional cognition in stroke. *Neurorehabilitation and Neural Repair*, 22(2), 122-35.
  66. Wang, W. C., Byers, K. L., & Velozo, C. A. (2008). Rasch analysis of Minimum Data Set mandated in skilled nursing facilities. *Journal of Rehabilitation Research and Development*, 45,(9), 1385–400.
  67. Duncan, P. W., & Velozo, C. A. (2007). State-of-the-science on post-acute rehabilitation: measurement and methodologies for assessing quality and establishing policy for post-acute care. *Archives of Physical Medicine and Rehabilitation*, 88(11), 1482-7.
  68. Donovan, N. J., Velozo, C. A., & Rosenbek, J. C. (2007). The Communicative effectiveness survey: Investigating its item-level psychometric properties. *Journal of Medical Speech-Language Pathology*, 15(4), 433-47.
  69. Classen, S., Velozo, C. A., & Mann, W. (2007). Examining the Rosenberg Self-esteem Scale as a relevant measure of self-esteem for the non-institutionalized elderly. *Clinical Gerontologist*, 31(1), 77-93.

70. Velozo, C. A., Byers, K. L., Wang, Y. C., & Roberts, B. R. (2007). Translating measures across the continuum of care: Using Rasch analysis to create a crosswalk between the FIM and the MDS. *Journal of Rehabilitation Research and Development*, 44(3), 467-78.
71. Pomeranz, J. L, Shaw, L. R, Sawyer, H. W., & Velozo, C. A. (2007). Consensus among life care planning experts regarding activities to consider when recommending personal attendant care services: A Delphi study. *Journal of Life Care Planning*, 5, 7-23.
72. Woodbury, M. L., Velozo, C. A., Richards, L. G., Duncan, P. W., Studenski, S., & Lai, S. M. (2007) Dimensionality and construct validity of the Fugl-Meyer Assessment of the Upper Extremity. *Archives of Physical Medicine and Rehabilitation*, 88 (6), 715-23.
73. Velozo, C. A., Choi, B., Eckberg-Zylstra, E., & Santopoalo, R. (2006). Measurement qualities of a self-report and therapist-scored functional capacity instrument based on the Dictionary of Occupational Titles. *Journal of Occupational Rehabilitation*, 16(1), 109-22.
74. Chiu, Y. P., Fritz, S. L., Light, K. E., & Velozo, C. A. (2006). Use of item response analysis to investigate measurement properties and clinical validity of data for the dynamic gait index. *Physical Therapy*, 86(6), 778-87.
75. Justiss, M. D, Mann, W. C., Wendy, S., & Velozo, C. (2006). Development of a behind-the-wheel driving performance assessment for older adults. Topics in Geriatric Rehabilitation. *The Older Driver*, 22(2), 121-8.
76. Donovan, N., Rosenbek, J., Kettering, T., & Velozo, C. A. (2006). Adding meaning to measurement: Initial Rasch analysis of the ASHA FACS social communication scale. *Journal of Aphasiology*, 20(2,3,4), 362-73.
77. Stansbury, J. P., Ried, L. D. & Velozo, C. (2006). Unidimensionality and bandwidth in the Center for Epidemiologic Studies Depression (CES-D) scale. *Journal of Personality Assessment*, 86(1), 10-22.
78. Sabari, J. S., Lim, A. L., Velozo, C. A., Lehman, L., Kieran, O., & Lai, J. S. (2005). Assessing arm and hand function after stroke: A validity test of the hierarchical scoring system used in the motor assessment scale for stroke. *Archives of Physical Medicine and Rehabilitation*, 86, 1609-15.
79. Kornetti, D. L., Fritz, S. L., Chiu, Y-P., Light, K. E., & Velozo, C. A. (2004). Rating scale analysis of the Berg Balance Scale. *Archives of Physical Medicine and Rehabilitation*, 85(7), 1128-35.
80. Mallinson, T., Stelmack, J. & Velozo, C. (2004). A comparison of the separation ratio and coefficient alpha in the creation of minimum item sets. *Medical Care*, 42(1), 17-24.
81. White, L. & Velozo, C. A. (2002). The use of Rasch measurement to improve the Oswestry classification scheme. *Archives of Physical Medicine and Rehabilitation*, 83, 822-31.

82. Velozo, C. A. & Peterson, E. (2001). Using Rasch analysis to develop meaningful fear of falling measures for community dwelling elderly. *American Journal of Physical Medicine and Rehabilitation*, 80(9), 662-73.
83. Velozo, C. A., Lai, J-S., Mallinson, T. & Hauselman, E. (2001). Maintaining instrument quality while reducing items: Application of Rasch analysis to a self-report of visual function. *Journal of Outcome Measurement*, 4(3), 667-80.
84. Velozo, C. A., Kielhofner, G, Gern, A., Lin, F-L., Azhar, F., Lai, J-L. & Fisher, G. (1999). Worker role interview: Toward validation of a psychosocial work-related measure. *Journal of Occupational Rehabilitation*, 9, 153-68.
85. Velozo, C. A., Kielhofner, G., & Lai, J-S. (1999). Quantitative research series--The use of Rasch analysis to produce scale-free measurement of functional ability. *American Journal of Occupational Therapy*, 53 (1), 83-90.
86. Lai, J-S., & Velozo, C. (1998). Accuracy of recall in measuring the outcomes of ambulatory orthopedic surgery. *Journal of Rehabilitation Outcomes Measurement*, 1 (6), 14-21.
87. Hart, D. L., Velozo, C. A., Lai, J-S., & Dobrzykowski, E. A. (1997). The reliability and validity of the orthopedic rehabilitation outcome scale. *Journal of Rehabilitation Outcomes Measurement*, 1(1), 1-7.
88. Velozo, C. A. Magalhaes, L., Pan, A. & Leiter, P. (1995). Differences in functional scale discrimination at admission and discharge: Rasch analysis of the Level of Rehabilitation Scale-III (LORS-III). *Archives of Physical Medicine and Rehabilitation*, 76(8), 705-12.
89. Velozo, C. A. (1994). The issue is: Should occupational therapy choose a single functional outcome measure? *American Journal of Occupational Therapy*, 48, 946-7.
90. Park, S. Fisher, A., & Velozo, C. A. (1994). Using the assessment of motor and process skills to compare occupational performance between clinic and home settings. *American Journal of Occupational Therapy*, 48, 697-709.
91. Lincoln, R. K., Crosson, B., Bauer, R. M., Cooper, P. V., & Velozo, C. A. (1994). Relationship between WAIS-R subsets and language measures after blunt head injury. *The Clinical Neuropsychologist* 8(2), 140-52.
92. Crosson, B., Cooper, P. V., Lincoln, R. K., Bauer, R. M., & Velozo, C. A. (1993). Relationship between verbal memory and language performance after blunt head injury. *The Clinical Neuropsychologist*, 7, 248-65.
93. Velozo, C. A. (1993). Work evaluations: Critique of the state of the art in the measurement of work. *American Journal of Occupational Therapy*, 47, 203-09.
94. Velozo, C. A., Lustman, P. J., Montag, J. Cole, D., & Eubanks, B. (1992). Prediction of return to work by rehabilitation professionals. *Journal of Occupational Therapy Research*, 1, 271-9.

95. Velozo, C. A., & Almli, C. R. (1992). Modulation of lateral hypothalamic activity by olfactory bulb and sciatic stimulation. *Brain Research Bulletin*, 28, 503-11.
96. Lustman, P. J., Velozo, C. A., Eubanks, B., Montag, J. A., & Cole, D. M. (1991). Prior psychiatric problems in rehabilitation clients with work-related injuries. *Journal of Occupational Rehabilitation*, 1, 227-33.
97. Fisher, A. G., Liu, Y., Velozo, C. A., & Pan, A. W. (1992). Cross-cultural assessment of process skills. *American Journal of Occupational Therapy*, 46, 876-85.
98. Lustman, P. J., Velozo, C. A., Eubanks, B., Montag, J. A., & Cole, D. M. (1991). Psychiatric disorder: Effects on rehabilitation and ability to return to work. *Work: A Journal of Prevention, Assessment & Rehabilitation*, 1, 29-35.
99. Cooper, P. V., Numan, B. K., Crosson, B., & Velozo, C. A. (1990). Story and list recall tests as measures of verbal memory in a head-injured sample. *Neuropsychology*, 3, 1-8.
100. Crosson, B., Barco, P. P., Velozo, C. A., Bolesta, M. M., Cooper, P. V., Werts, D., & Brobeck, T. C. (1989). Awareness and compensation in post-acute head-injury rehabilitation. *Journal of Head Trauma Research*, 4, 46-54.
101. Almli, C. R., Henault, M. A., Velozo, C. A., & Morgane, P. J. (1985). Ontogeny of electrical activity of main olfactory bulb in freely-moving normal and malnourished rats. *Developmental Brain Research*, 18, 1-11.
102. Kling, J. W., Brownlow, D. G., Menich, S. R., & Velozo, C. A. (1979). Pulse-frequency analysis of septal and hypothalamic reinforcement effects. *Physiological Psychology*, 7, 422-6.

## CHAPTERS:

103. Classen, S & Velozo, C. A. (2013) Critiquing assessments. In Schell, B., Gillen, G., & Scaffa, M. (Ed.) *Willard & Spackman's occupational therapy (12<sup>th</sup> ed.,)*. Baltimore, MD: Lippincott Williams & Wilkins.
104. Velozo, C. A., Forsyth, K., & Kielhofner, G. (2006). Objective measurement in health care: The influence of Item Response Theory on research and practice. In Kielhofner, G. (Ed.), *Scholarship in occupational therapy: Methods of inquiry for enhancing practice*. Philadelphia: F.A. Davis.
105. Lai, J-S, Velozo, C. A., & Linacre, J. M (1997). Adjusting for rater severity in an unlinked functional independence measure national database: An application of the many facets Rasch model. In *Physical Medicine and Rehabilitation: State of the Art Reviews*, 11, (2). Philadelphia, Hanley & Belfus, Inc.
106. Johnston, M. V., Stineman, M., & Velozo, C. A. (1997). Outcomes research in medical rehabilitation: Foundations from the past and directions for the future. In Fuhrer, M. (Ed.), *Medical Rehabilitation Outcomes Research*. Baltimore, MD: Paul Brookes.

107. Sanson, J., Crosson, B., Posner, M. I., Barco, P. P., Velozo, C. A., & Brobeck, T. C. (1988). Attentional imbalances following head injury. In Williams J. M., & Long, C. J. (Eds.), *Cognitive Neuropsychology*. New York: Plenum Press.

### **BOOK REVIEW:**

1. Velozo, C. (2005). Book Review: Rasch measurement in health sciences. *Rasch measurement transactions*.
2. Velozo, C. A., & Barco, P. P. (1989). Book review: The cognitive rehabilitation workbook: A systematic approach to improving independent living skills in brain-injured adults. *American Journal of Occupational Therapy*, 43, 61.

### **MANUAL:**

Velozo, C. A., Kielhofner, G., & Fisher, G. (1992). A user's guide to the Worker Role Interview: Research Version. Chicago: University of Illinois at Chicago.

### **NON-REFERREED PUBLICATIONS:**

Woodbury, M. L., & Velozo, C. A. (2005). Potential for outcomes to influence practice and support clinical competency [Electronic Version]. *OT Practice*, 10(10), 7-8.

Dhans, L., Anson, C., Callahan, K., Coats, E., Slaughter, L., Coker-Bolt, P., Velozo, C. (2015). Student-run free therapy clinics: Integrating service learning and care for uninsured clients. *OT Practice*, February 9, 2015.

### **PUBLISHED ABSTRACTS:**

1. Velozo, C. A., Lai, J-S., & Leiter, P. (1996). Facets: A model to determine the validity of FIM ratings in a national data base. *Archives of Physical Medicine and Rehabilitation*, 77, 832.
2. Velozo, C. A., Pan, A., Fujiura, G. T., & Leiter, P. (1995). Causal models of resource utilization in inpatient rehabilitation. *Archives of Physical Medicine and Rehabilitation*, 75, 595.
3. Velozo, C. A., Pan, A., Magalhaes, L., & Leiter, P. (1994). Nurse-therapist differences in ADL assessment. *Archives of Physical Medicine and Rehabilitation*, 75, 720.
4. Velozo, C. A., Magalhaes, L., & Pan, A. (1993). Measurement qualities of the Level of Rehabilitation Scale-III (LORS-III). *Archives of Physical Medicine and Rehabilitation*, 74, 661.

5. Magalhaes, L., Velozo, C., Pan, A., & Weeks, D (1993). Medical multidimensionality. *Rasch Measurement: Transactions of the Rasch Measurement SIG American Educational Research Association*, 7(1), 265-6.
6. Velozo, C. A. (1992). Documentation-Data Analysis System (D-DAS) for health care using Zenith Data Systems technology. *Zenith Data Systems Masters of Innovation IV 1992 Competition*, 182.
7. Velozo, C. A. (1991). Documentation-data analysis system (D-DAS) for health care. *Zenith Data Systems Masters of Innovation III 1991 Competition*, 88.
8. Velozo, C. A., & Rega, C. G. (1991). Development of a computerized documentation-data analysis system for work hardening. *Rehabilitation R&D Progress Reports, 1990*, 261-2.
9. Crosson, B., Cooper, P. V., Lincoln, R. K., Velozo, C. A., & Bauer, R. M. (1990). Relationships between verbal memory and language after blunt head injury. *The Clinical Neuropsychologist*, 4, 301-2.
10. Lincoln, R. K., Crosson, B., Cooper, P. V., Velozo, C. A., & Bauer, R. M. (1990). Relationship between intellectual and language measures after head injury. *The Clinical Neuropsychologist*, 4, 293.
11. Velozo, C. A., Hazelrigg, P. J., Barco, P. P, Cooper, P. V., Crosson, B., Frank, R. G., & Alper, J. S. (1989). Computerized clinical data system to facilitate research and program evaluation in rehabilitation. *Eleventh Annual Allied Health Research Forum*.
12. Crosson, B., Numan, B. K., Cooper, P. V., & Velozo, C. A. (1988). Components of verbal memory in a head injured sample. *Clinical Neuropsychologist*, 2, 286.
13. Velozo, C. A., Hazelrigg, P. J., Barco, P. P, Cooper, P. V., Crosson, B., Frank, R. G., & Alper, J. S. (1988). Development of a computerized database on post-acute head-injured patients. *National Head Injury Foundation Seventh Annual National Symposium*, 112-23.
14. Lottes, E. M., & Velozo, C. A. (1988). Research based pre-driving assessment for the head injured. *National Head Injury Foundation Seventh Annual National Symposium*, 323-24.
15. Velozo, C. A., & Almli, C. R. (1983). Lateral hypothalamic-medial forebrain bundle neurons: Response to olfactory bulb, tongue and sciatic nerve stimulation. *Neuroscience Abstracts*, 9, 514.
16. Almli, C. R., Henault, M. A., Velozo, C. A., McGinley, P. A., & Truitt, E. B. (1981). Brain-damaged neonatal rats: Relationship between dopamine, norepinephrine



and serotonin and the development of open-field activity. *Neuroscience Abstracts*, 7, 891.

17. Almli, C. R., Forbes, W. B., Henault, M. A., Velozo, C. A., & Morgane, P. J. (1980) Development of olfactory bulb electrical activity recorded chronically from 3 to 90 day old rats. *Neuroscience Abstracts*, 6, 642.
18. Forbes W. B., Almli, C. R., Henault, M. A., & Velozo, C. A. (1980). Effect of maternal dietary protein restriction on ontogeny of olfactory bulb electrical activity in the rat. *Neuroscience Abstracts*, 6, 642.

#### **PAPER/POSTER PRESENTATIONS:**

1. Seamon BA, Kautz SA, Velozo C: Development and Evaluation of an Activities-Specific Balance Confidence Scale Computerized Adaptive Test for Individuals Post-Stroke. Poster presentation, 2020, MUSC Translational Research Day, Charleston, SC
2. Coker-Bolt, P., Platt, T., Graves, E., Brady, A., Ranson, H., Jones, K., & Velozo, C. (2019, April). Building a Family-Centered Practice in Vietnam: Validation & Translation of Occupation-Based Pediatric Assessments. Paper will be presented at the Conference of American Occupational Therapy Association, New Orleans, LA.
3. McRackan TR, Hand BA, Velozo CA, Dubno JR. (2018, October). Development of a quality of life instrument for adults with cochlear implants. American Neurotologic Society Fall Meeting, Atlanta, GA (.)
4. Boissonneault, G.A., and C. Velozo, (2018, October). Identifying and correcting rater bias in PA admissions multiple mini-interviews, poster presented at the Physician Assistant Education Association Annual Meeting, Anaheim, California.
5. Velozo, C., Smith, C.R., Bowman, P. (2018, October), (Smith presenter). Holistic admissions: Effectiveness of interviews in increasing under-represented minorities admissions to occupational therapy programs. Paper presented at the 2018 AOTA Educational Summit, Louisville, KY.
6. McRackan TR, Velozo CA, Dubno JR. (2017, September). Quality of life and cochlear implantation. American Neurotologic Society Fall Meeting, Chicago, IL
7. McRackan TR, Velozo CA, Dubno JR. (2016, September). Cochlear implant quality of life measures. American Neurotologic Society Fall Meeting, San Diego CA.
8. Hong, I. Simpson, A. N., Simpson, K. N., Brotherton, S. S., & Velozo, C. A. (2017, June). Disability Comparisons Between Community-Dwelling Adults in the United States and Korea Using a Comparable Outcome Measure", Poster presented at the 2017 Annual Research Meeting, New Orleans, LA.

9. Velozo, C. A., Hong, I., Hand, B., Li, C. Y., Romero, S., Sood, P. (2017, September). Identifying a Common Measurement Factor Underlying ADL Measures. Paper presented at the International Objective Measurement Conference, Chicago, IL.
10. Velozo, C. A, Romero, S., Wen, P. S., Lehman, L., Li, C. Y., & Hong, I (2017, March). Rasch analysis for occupational therapy measurement: Training in analysis, interpretation and clinical application. Pre-conference institute will be presented at the 97th Conference of American Occupational Therapy Association, Philadelphia, PA.
11. Li, C. Y., Velozo, C., Hong, I., Newman, J., & Krause, J. (2017, April). Longitudinal Change in Activities of Daily Living for the Individuals with Spinal Cord Injury across Twenty Years. Paper will be presented at the 97th Conference of American Occupational Therapy Association, Philadelphia, PA.
12. Hong, I., Simpson, A. N., Velozo, C. A., Kim, M. Y., & Simpson, K. N. (2017, March). The impact of the G-Code system on Medicare Part B rehabilitation payments for stroke: Do the g-codes reduce costs? Paper will be presented at the 2017 AOTA Annual Conference & Centennial Celebration, Philadelphia, PA.
13. Davidson L, Shoemaker K, Wisher M, Kraft S, Seif G, Giles A, Velozo C, Coker-Bolt P. (2016, May). Classroom to the clinic: the impact of a student-run free therapy clinic. Poster presented at the South Carolina Chapter of Physical Therapy Annual Conference. Charleston, SC.
14. Stone C, Karlesky N, Huschart J, Schneider L, Kraft S, Seif G, Coker-Bolt P, Velozo C, Giles A. (2016, May). The Doctor is in: Teaching in Medical Student the Role of Therapy. Poster presented at the South Carolina Chapter of Physical Therapy Annual Conference, Charleston, SC.
15. Yount, H, Wright R, Hayden G, Hunsucker L, Maddrey R, Kraft S, Seif G, Coker-Bolt P, Giles A, Velozo C. (2016, April). HEP reminders: Texting the way to Patient Success. Poster presented at the South Carolina Chapter of Physical Therapy Annual Conference, Charleston SC.
16. Giles, A., Coker-Bolt, P. Dahns, L., Pena, L., Fitzmaurice, C., Ludovise, R., Hope, K., Husband, M., Atkinson, S., Velozo, C. (2016, April). Student-run free clinic: An innovative service learning opportunity. Poster presented at the 2016 American Occupational Therapy Association Annual Conference, Chicago, IL.
17. Li, C. Y., Romero, R., Bonilha, H., Simpson, K., Simpson, A., Hong, I., & Velozo, C. (2016, April). Developing continuum of care assessment across post-acute care in Veterans. Poster presented at the 2016 AOTA Annual Conference & Expo, Chicago, IL.
18. Li, C. Y., Romero, S., Simpson, A., Bonilha, H., Simpson, K., Hong, I., & Velozo, C.

(2016, April). Comparing measurement precisions of short forms: Measuring self-care physical function in Veterans. Presentation at the 2016 AOTA Annual Conference & Expo, Chicago, IL.

19. Li, C. Y., Romero, R., Simpson, K., Simpson, A., Bonilha, H., Hong, I., & Velozo, C. (2016, April). Comparing measurement accuracy of short forms: Individual point difference and Functional Related Group classification. Poster presented at the 2016 AOTA Annual Conference & Expo, Chicago, IL.
20. Fitzmaurice, C., Rengerling, E., Schoen, E., Husband, M., Harris, C., Kapustka, D., Hong, I., & Velozo, C. A. (2016, April). Let's Get Functional: Can Muscle Groups to Account for ADL Challenge? Poster will be presented at the 2016 AOTA Annual Conference & Expo, Chicago, IL.
21. Husband, M., Harris, C., Kapustka, D., Rengerling, E., Schoen, E., Fitzmaurice, C., Hong, I., & Velozo, C. A. (2016, April). Metabolic Equivalent as an Underlying Component of ADL Measures. Poster presented at the 2016 AOTA Annual Conference & Expo, Chicago, IL.
22. McKinney Margaret, Miller Sarah, Kraft S, Seif G, Coker-Bolt P, Giles A, Velozo C, Giles A, Bowden M. (2016). Classroom to the clinic: integrating intensity principles into the student-run free clinic. Student Society of Free Medical Clinics Conference Pheonix AZ
23. Yount Heather, Kraft S, Seif G, Coker-Bolt P, Giles A, Velozo C, Giles A. (2016). Interprofessional education using a student run free clinic as a model. Student Society of Free Medical Clinics Conference Pheonix AZ
24. Coker-Bolt, P., Velozo, C., Giles, A., Bowman, P., Smith, C., Breland, H., Carson, N. An innovative service learning opportunity: Teaching interprofessional client-centered care through a student-run free therapy clinic. Paper presented at the 2015 American Occupational Therapy/ Occupational Therapy Centralized Application Service Education Summit, Denver, CO on October 17-18, 2015.
25. Li, C-Y., & Velozo, C.A. (2015, April). Using Rasch analysis to generate Medicare G-Code Modifiers and develop a treatment framework in the attention domain. Paper presented at the International Outcome Measurement Conference in Chicago, IL.
26. Velozo, C. Lehman, L., Hong, I., and Li, C-Y. (2015, April). Use of Rasch analysis to generate G-Code Modifiers for CMS outpatient reimbursement. Paper presented at the International Outcome Measurement Conference in Chicago, IL.
27. Ickpyo Hong, Annie N. Simpson, Chih-Ying Li, and Craig A. Velozo - Development of an upper extremity function measurement model. (2015, April). Paper presented at the International Outcome Measurement Conference in Chicago, IL.

28. Persch, A. C., Gugiu, P. C., Velozo, C. A., & Page, S. J. (2015, April). Rasch analysis of the wrist and hand Fugl-Meyer: Dimensionality and item-level characteristics. Research Poster presented at the 95th American Occupational Therapy Association Annual Conference and Expo. April 17, 2015, Nashville, TN.
29. Arthur, P., Li, C. Y., Hong, I., & Velozo, C. A. (2015, April). An Empirical Approach to Linking the ICF Model to the SSA Disability Determination Process. Poster presented at the American Occupational Therapy Association's 95th Annual Conference, April 17, 2015, Nashville, TN.
30. Velozo, C. A., Li, C. Y., Stewart, L., MacIntire, K., McArdle, C., Tomsic, P., Coats, E., Satterfield, J., & Simon, L. (2015, April). Cracking the Code to ADL Scales: Determining if a Single Measurement Model Underlies Different ADL Scales. Poster session presented at the 95th Conference of American Occupational Therapy Association, April 2015, Nashville, TN, United States.
31. Hong, I., Velozo, C. A., & Li, C. (2015, April). Validation and Clinical Applications of a Measurement Model for Upper Extremity Function. Presentation at the 2015 AOTA Annual Conference & Expo, Nashville, TN.
32. Velozo, C.; Li, C.; Stewart, L.; MacIntire, K.; McArdle, C.; Tomsic, P.; Coats, E.; Satterfield, J.; Simon, L. (2015, April). Cracking the Code to ADL Scales: Determining if a Single Measurement Model Underlies Different ADL Scales. Poster presentation at the 2015 AOTA Annual Conference & Expo, Nashville, TN.
33. Li, C. Y., Velozo, C. A., (2015, April) A Demonstration of Developing a Continuum of Care Assessment for an Individual Post-Stroke Using a National Database. Presentation at the 2015 AOTA Annual Conference & Expo, Nashville, TN.
34. Classen, S., Velozo, C., Monahan, M. (2014, April). Use of the Evidence-Based Fitness-to-Drive Screening Measure (FTDS) for at-risk older drivers. Presentation at the American Occupational Therapy Association National Conference, Baltimore, MD.
35. Hong, I., Velozo, C. (2014, April). The use of Rasch derived outputs to select CMS G-code modifiers for upper extremity disability. Presentation at the American Occupational Therapy Association National Conference, Baltimore, MD.
36. Li, C-Y., Velozo, C.A. (2014, April) Using ICF Attention Activity Measure to generate Medicare G-codes and a treatment framework. Presentation at the American Occupational Therapy Association National Conference, Baltimore, MD.
37. Huang, Y-Y., Velozo, C., Bendixin, R. Cross-cultural validity of the Children's Assessment of Participation and Enjoyment: A Rasch Analysis in the U.S. and Taiwan. (2014, April) Presentation at the American Occupational Therapy

Association National Conference, Baltimore, MD.

38. Velozo, C. Hong, I., Li, C-Y. (2013, September). Approaching disability determination through clinical assessment. Presentation to the Research Council, College of Health Professions, MUSC, Charleston, SC.
39. Velozo, C. Hong, I., Woodbury, M., Wen, P-S., Romero, S. (2013, November). Using rehabilitation measures to generate Medicare G-codes and guide clinical interventions. Presentation at the American Congress of Rehabilitation Medicine Annual Conference, Orlando, FL.
40. Velozo, C.A., Hong, I., Li, C. (2013, May). Use of ICF Activity Measure to meet medicare requirements and provide a framework for treatment planning and goal setting. Paper presented at the Summit of Occupational Therapy Scholars, Chicago, IL.
41. Classen, S., Velozo, C., Winter, S., Monahan, M. (2013, April). Fitness-to-Drive Screening Measure (FTDS) for older adults. Paper presented at the American Occupational Therapy Association National Conference, San Diego, CA.
42. Behrman, A., Basso, C., Velozo, C.A., Buehner, J., Watson, E., Wojciehowski, S. (2013, January). A new outcome measure for spinal cord injury based on pre-injury function, not compensation: Neuromuscular Recovery Scale. Paper presented at the Physical Therapy Combined Sections Meeting, San Diego, CA.
43. Velozo, C.A., Moorhouse, M., Behrman, A., Basso, D.M. (2012, April). Validity testing phase of assessment. Presented to the Neuro Recovery Network Annual Meeting, Louisville, KY.
44. Classen, S., Velozo, C.A., (2012, April). Safe Driving Behaviors Measure for older adults: From conception to Translation. Pre-conference Institute presented at the American Occupational Therapy Conference, Indianapolis, IN.
45. Velozo, C. A., & Woodbury, M. L. (2011, November). *Use of the upper extremity Fugl-Meyer for stroke treatment planning*. Paper presented at the Florida Occupational Therapy Association National Conference, St. Augustine, FL.
46. Seel, R. T., Macciocchi, S. N., & Velozo, C. A. (2011, October). *Assessing safety risk in the home and community following traumatic brain injury*. Paper presented at the American Congress of Rehabilitation Medicine and American Society for Neurorehabilitation National Conference, Atlanta, GA..
47. Velozo, C. A., Waid-Ebbs, K., Wen, P. S., Heaton, S., Donovan, N., & Singletary, F. (2011, June). *Using a computer adaptive measure of functional cognition for treatment planning*. Presentation at the Federal Interagency Conference on Traumatic Brain Injury, Washington, DC.

48. Velozo, C. (2010, September). *Using item response theory to develop and modify measures to advance clinical practice*. Presentation at the Department of Occupational Therapy, University of Pittsburgh, Pittsburgh, PA.
49. Velozo, C. A. (2010, April). *Efficient and precise measurement to guide clinical practice: computer adaptive measures of physical and cognitive functioning*. Workshop presented at the American Occupational Therapy Association Annual Conference, Orlando, FL..
50. Winstein, C., Blanton, S., Lang, C., Roberts, P., Velozo, C., & Woodbury, M. (2010, April). *Interdisciplinary clinical trials in rehabilitation: beyond the profession level boundary*. Workshop presented at the American Occupational Therapy Association Annual Conference, Orlando, FL.
51. Velozo, C. A., Donovan, N., Wen, P. S., Heaton, S., Waid-Ebbs, K., & Singletary, F. (2010, April). *Development of a computerized adaptive measure of functional cognition for TBI*. Paper presented at Brooks Center for Rehabilitation Studies Seminar Series, Jacksonville, FL.
52. Velozo, C., Lehman, L., Wang, Y-C., Wen, P-S., & Romero, S. (2009, September). *Developing a hierarchically-based physical function CAT battery to facilitate healthcare practice*. Paper presented at the International Conference on Outcomes Measurement, Bethesda, MD.
53. Velozo, C. (2009, September). *Computer adaptive assessments based on the ICF model*. Paper presented at the International Symposium on Life Care Planning, Lincolnshire, IL.
54. Velozo, C. A., Wen, P. S., Heaton, S., Waid-Ebbs, K. Donovan, N., & Jenkins, W. (2009, February). *Development of a self/proxy report of functional cognition for TBI*. Poster presented at VA Health Services Research and Development National Meeting, Baltimore, MD.
55. Velozo, C. A., Young, L., & Wang, J. H. (2008, September). *Developing healthcare measures: Monte Carlo simulations to determine sample size requirements*. Presented at the International Conference on Objective Measurement, Bethesda, MD,
56. Donovan, N., Velozo, C. A., Wen, P. S., Heaton, S., & Waid-Ebbs, K. (2008, September). *Item level psychometric properties of the social communication construct developed for a computerized adaptive measure of functional cognition for TBI*. Presented at the International Conference on Objective Measurement, Bethesda, MD.
57. Velozo, C. A., Wen, P. S., Heaton, S., Waid-Ebbs, K., & Donovan, N. (2008, March). *Psychometrics of a functional cognitive item bank for traumatic brain injury*. Presented at the Patient Reported Outcomes System (PROMIS) Conference, Bethesda, MD.

58. Warren, M., Velozo, C. A., & Hicks, E. (2008, April). *Self-report evaluation to identify and predict occupational performance in adults with low vision*. Presented at the American Occupational Therapy Annual Conference, Long Beach, CA.
59. Velozo, C. A., Woodbury, M. L., Mallinson, T. R., & Bateman, J. S. (2008, April). *What has my standardized assessment done for me lately: a short course on how to use assessment scores to guide practice*. Presented at the American Occupational Therapy Annual Conference, Long Beach, CA.
60. Hannold, E. M., Velozo, C. A., Roach, E. M., Hanjian, J. M., Jordan M. M., Behrman, & A. L. Daly, J. J. (2008, February). *Identifying veteran-centered outcomes using qualitative methods*. Paper presented at the Veterans Affairs Health Services Research and Development Annual Conference, Baltimore, MD.
61. Kimberg, C., Heaton, S. C., Velozo, C., Donovan, N., Waid-Ebbs, J. K., & Wen, P. (2007, February). *Development of a measure of functional cognition for adult TBI*. Presented at the International Neuropsychological Society Annual Meeting, Portland, OR.
62. Velozo, C. A., Barrett, B., Wang J., Lehman, L. A., & Wang, Y. (2006, October). *Design considerations for a computer adaptive test based on the international classification of functioning disability and health (ICF)*. Poster presented at the International Society of Quality of Life Conference, Lisbon, Portugal.
63. Lehman, L. A., Velozo, C. A., Woodbury, M., Byers, K., Pomeranz, J., Piantieri, S., Wang, Y-C., Wang, J-H., & Wen, P-S. (2006, April). *Use of "recovery maps" to guide occupational therapy upper extremity interventions*. Poster presented at the American Occupational Therapy Association's 86th Annual Conference, Charlotte, NC.
64. Wang, J-H., Velozo, C. A., Barrett, B., Lehman, L. A., Piantieri, S. H., Wang, Y-C., & Wen, P-S. (2006, April 28). *Developing an individualized physical function assessment using computerized adaptive testing*. Poster presented at the American Occupational Therapy Association's 86th Annual Conference, , Charlotte, NC.
65. Wang, Y-C, Velozo, C. A., Byers, K., & Smith, R. M. (2006, April). *Translating measures across the continuum of care: creating a crosswalk between instruments measuring activities of daily living*. American Occupational Therapy Association 86th Annual Conference, Charlotte, NC.
66. Moorhouse, M. D., Byers, K. L., Pomeranz, J. L., Spiznagel, R. J., & Velozo, C. A. (2006, February). *Rasch analysis of the word knowledge subtest of the career ability placement survey (CAPS)*. Poster Presentation at the National Council on Rehabilitation Education (NCRE) 6th Annual Conference, San Diego, CA.

67. Velozo, C. (2005, December). *Developing a computer adaptive TBI cognitive measure*. National Institute of Child Health and Human Development Outcomes Measurement Meeting, Bethesda, MD.
68. Velozo, C. A., Johnson, A, Byers, K., Piantieri, S., Pomeranz, J., Lehman, L., Wang, Y., Wang, J., Wen, P., & Gray, D. (2005, February). *Development of a computerized adaptive self report functional measure*. Poster presented at the Veterans Affairs Health Services Research and Development Conference, Washington, DC.
69. Velozo, C. A. (2004, September). *Development of a computerized measure of disability*. Presentation at the American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference. Ponte Vedra Beach, FL..
70. Byers, K., Velozo, C. A., Wang, C. A., & Roberts, B. (2004, September). *Creating a crosswalk between the Functional Independence Measure and the Minimal Data Set*. Presentation at the American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference. Ponte Vedra Beach, FL.
71. Pomeranz, J. L., Velozo, C. A., Johnson, A., Lehman, L. A., Byers, K., Piantieri, S., Wang, Y-C., Wang, J-H., & Wen, P-S. (2004, September). *Developing a disability survey using cognitive interviewing*. American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference, Ponte Vedra Beach, FL.
72. Lehman, L. A., Velozo, C. A., Pomeranz, J. L., Johnson, A., Byers, K., Piantieri, S., Wang, Y-C., Wang, J-H., & Wen, P-S. (2004, September). *Development of a measure of upper extremity function using modern test theory*. American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference, Ponte Vedra Beach, FL.
73. Piantieri, S., Byers, K., Lehman, L., Pomeranz, J., Wang, Y-C., & Velozo, C. (2004, September). *Item response characteristics of a measure of positioning and transferring ability for patients with back pain*. Presentation at the American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference. Ponte Vedra Beach, FL.
74. Wang, Y-C., Velozo, C. A., Lehman, L. A., Piantieri, S., Pomeranz, J. L., Byers, K. L., Wang, J. H., Wen, P. S. (2004, September). *Using differential item functioning to determine unidimensionality of the ICF activity item bank: Assessing responses across different diagnostic groups*. Presentation at the American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference, Ponte Vedra Beach, FL.
75. Velozo, C. A., Piantieri, S., Heaton, S. C., Coster, W., & Gribbins, D. (2004). *Developing a computer adaptive TBI cognitive measure based on the ICF; supporting topic: development of ICF based assessment tools*. Presented at the 10th Annual



North American Collaborating Centre Conference on International Classification of Functioning, Disability and Health (ICF), Halifax, Nova Scotia, Canada.,

76. Velozo, C. A., Barrett, B., Piantieri, S., Byers, K., Pomeranz, J., Lehman, L., Wang, Y-C., & Gray, D. (2003, June). *Development of a computerized adaptive measure of disability based on the ICF*. Ninth North American Collaborating Center Conference on ICF, St. Louis, MO.
77. Lehman, L. A., Velozo, C. A., Pomeranz, J., Byers, K., Piantieri, S., & Wang, Y-C. (2003, June). *Development of a measure of upper extremity function based on the ICF*. Ninth North American Collaborating Center Conference on ICF, St. Louis, MO.
78. Donovan, N., Rosenbek, J. C., & Velozo, C. A. (2003, November). *Measuring communication effectiveness*. Presented at the 2003 American Speech and Hearing Association Convention, Chicago, IL..
79. Politano, P. & Velozo, C. (2003, November). *Using rasch and traditional analysis to create AAC outcome tools*. Presentation at the American Speech-Language Hearing Association Conference, Chicago, IL.
80. Chiu, Y-P, Fritz, S. L., Kornetti, D. L., Velozo, C. A., & Light, K. E. (2003, June). *Evaluation of the dynamic gait index in the community dwelling elderly population with balance deficits using Rasch model analysis*. 14<sup>th</sup> International World Confederation for Physical Therapy Congress 2003, Barcelona, Catalonia, Spain.
81. Classen, S., Mann, W., & Velozo, C. A. (2003, June). *Relationship of multidrug interactions to health and functional status of the frail elderly*. American Occupational Therapy Conference, Washington, DC.
82. Chiu Y-P., Light, K. E., Fritz, S. L., Kornetti, D. L., & Velozo, C. A. (2003, February). *The use of the Rasch model to analyze the Dynamic Gait Index in the community dwelling elderly population with balance deficits*. American Physical Therapy Association Combined Section Meetings, Tampa, FL.
83. Kornetti, D. L., Fritz, S., Chiu, Y-P., Light, K. E., & Velozo, C. A. (2003, February). *Functional interpretation of the Berge Balance Test using the Rasch Measurement model*. American Physical Therapy Association Combined Section Meetings, Tampa, FL.
84. Velozo, C. (2002, June). *Use of focus groups in the development of an ICF activity Measure*. 8<sup>th</sup> North American Collaborating Center Conference, Toronto, Canada.
85. Velozo, C. (2002, May). *Developing item banks for self-reports of movement disability*. Boston University, Boston, MA.
86. Velozo, C. (2002, May). *Linking measures across the continuum of care*. American

Occupational Therapy Association National Conference, Miami, FL.

87. Velozo, C.A., & Politano, P. (2001, October). *Using Rasch measurement in the development of a functional communication measure for adults with developmental disabilities*. International Conference on Objective Measurement, University of Illinois, Chicago, IL.
88. Velozo, C. A., Gray, D. B., & Hollingsworth, H. (2000, September). *Scaling and factor structure of the WHODAS II: A Rasch measurement approach*. 7th Annual North American Collaborating Center Meeting Washington, DC..
89. Velozo, C. A., Lu, Y, Hung, Y-C. & Lai, J-S. (2000, June). *Influence of linear measures on the reporting of functional independence measure effect sizes*. Paper presented at the 3<sup>rd</sup> International Outcomes Conference: Measurement of Healthcare Outcomes, Chicago, IL. .
90. Velozo, C. A. & Gray, D. (1999, October). *Use of modern test theory to develop a measurement system for the ICIDH-2 classification of activity*. 6th Annual North American Collaborating Centre Meeting Vancouver, British Columbia.
91. Velozo, C. A. (2000, April). *Creating and managing research teams*. Paper presented at the American Occupational Therapy Annual Conference, Seattle, WA.
92. Balcer, S., & Velozo, C. A. (2000, March). *Determining construct validity in the Early Coping Inventory: A Rasch measurement approach*. Paper presented at the 22nd Annual Research Forum, College of Health and Human Development Sciences, Chicago, IL.
93. Velozo, C. A., & Peterson, E. W. (2001. March). *UIC Activity Confidence Scale: A Rasch methodological approach to scale development*. Paper presented at the 21<sup>st</sup> Annual Research Forum, College of Health and Human Development Sciences, Chicago, IL.
94. Mallinson, T., Lai, J-S., Velozo, C. A, & Hauselman, E. (1998, April). *More for less: Measuring visual function outcomes*. Paper presented at the American Occupational Therapy National Conference, Baltimore, MD.
95. Mallinson, T., Braunschweig, C., Lai, J-S., & Velozo, C. A. (1997. October). *The Medirisk Nutritional Status Scale: A tool for measuring outcomes of nutritional intervention programs*. Poster presented at the International Congress on Performance Measurement and Improvement in Health Care. 14<sup>th</sup> International ISQA Conference on Quality in Health Care, Chicago, IL.
96. DeBaun, L., & Velozo, C. A. (1997, October). *Development of a measure of infection for post-acute care*. Paper presented at the International Congress on Performance

Measurement and Improvement in Health Care. 14<sup>th</sup> International ISQA Conference on Quality in Health Care, Chicago, IL.

97. Forsyth, K., Lai, J-S., & Velozo, C.(1998, March). *The measurement properties of the cardiac outcomes system (COS)*. Paper presented at the 20<sup>th</sup> Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, IL.
98. Mallinson, T., Velozo, C. A., Lai, J-S., Debaun, L., Shirk, S., Forsyth, K. Hauselman, E., & Kraff, C. (1998, March). *Measuring visual function outcomes: Improving the sensitivity of the VF-14*. Paper presented at the 20<sup>th</sup> Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, Chicago, IL.
99. Lai, J-S., & Velozo, C.(1997, March). *The accuracy of recall in measuring outcomes of ambulatory orthopedic surgery*. Paper presented at the 19<sup>th</sup> Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, Chicago, IL.
100. Forsyth, K., Lai, J-S., & Velozo, C. (1997, March). *The measurement properties of the General Ambulatory Surgery Scales (GASES)*. Paper presented at the 19<sup>th</sup> Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, Chicago, IL.
101. Mallinson, T. R., Velozo, C. A., Lai, J-S., Druyan, M. E., & Debaun, L. (1997, March). *The Medirisk Nutritional Status scale: A tool for measuring outcomes of nutritional intervention programs*. Paper presented at the 19<sup>th</sup> Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, Chicago, IL.
102. Velozo, C. A., Lai, J., & Leiter, P. (1996, May). *Facets: A model to determine the validity of FIM ratings in a national data base*. Paper presented at the Outcome Measurement in Rehabilitation Conference, University of Chicago, Chicago, IL.
103. Lai, J. S., & Velozo, C. A. (1996, September). *Severity adjustment of outcomes: An application of the Facets Model*. Paper presented at Measuring Outcomes: Research Highlights from Across the Nation, Annual Meeting, Chicago, IL.
104. Lai, J. S., Velozo, C. A., & Caruso, T. (1996, September). *Orthopedic and occupational outcome scales: Psychometrics and predictive power*. Paper presented at Measuring Outcomes: Research Highlights from Across the Nation, Annual Meeting, Chicago, IL.
105. Lai, J. S. & Velozo, C. A. (1996, September). *Rater validity vs. rater reliability. Paper presented at Measuring Outcomes: Research Highlights from Across the Nation*, Annual Meeting, Chicago, IL.
106. Velozo, C. A., Eckberg, S. E., MacNeill, M. & Santopoalo, R. (1996, April). *Dictionary of occupational title-based work capacity scale*. Paper presented at the American Occupational Therapy National Conference, Chicago, IL.

107. MacNeill, M., Velozo, C. A., Eckberg, S., & Santopoalo, R. (1996, April). *Return to work outcomes using ORDB instrument*. Paper presented at the American Occupational Therapy National Conference, Chicago, IL.
108. Velozo, C. A., Santopoalo, R., Chu, C., & Eckberg, S. (1994, April). *Development of an industrial rehabilitation database system*. Paper presented at the American/Canadian Occupational Therapy National Conference, Boston, MA.
109. Velozo, C. A., Magalhaes, L., Pan, A., & Weeks, D. (1993, October). *Measurement qualities of the Level of Rehabilitation Scale-III (LORS-III)*. Paper presented at the American Congress of Rehabilitation Medicine Conference, Denver, CO.
110. Gern, A., Velozo, C. A., & Padilla, S. (1993, April). *Construct validity of the Worker Role Interview*. Paper presented at the American Occupational Therapy Conference, Seattle, WA.
111. Magalhaes, L., Velozo, C. A., Pan, A., & Weeks, D. (1993, December). *Rasch analysis of the LORS-III*. Paper presented at the Midwest Objective Measurement Seminar, Chicago, IL.
112. Velozo, C. A., Padilla, S., & Sweet, S. (1992, April). *Clinical change in work hardening*. Paper presented at the American Occupational Therapy Conference, Houston, TX.
113. Velozo, C. A., Kielhofner, G., Fisher, G., & Krefft, L. (1991, April). *Worker role interview: Training in administration and interpretation*. Paper presented at the American Occupational Therapy Conference, Cincinnati, OH.
114. Velozo, C. A., Leverson, M., & Rega, C. G. (1990, April). *A computerized documentation-data analysis system for work hardening*. Paper presented at the meeting of the American Occupational Therapy Association, New Orleans, LA.
115. Crosson, B., Cooper, P. V., Lincoln, R. K., Velozo, C. A., & Bauer, R. M. (1990, July). *Relationships between verbal memory and language after blunt head injury*. Paper presented at the American Psychological Association Conference, Boston, MA.
116. Lincoln, R. K., Crosson, B., Cooper, P. V., Velozo, C. A., & Bauer, R. M. (1990, July). *Relationship between intellectual and language measures after head injury*. Paper presented at the American Psychological Association Conference, Boston, MA.
117. Velozo, C. A., Hazelrigg, P. J., Barco, P. P., Cooper, P. V., Poole, D., Crosson, B., Frank, R. G., & Alper, J. S. (1988, November). *Development of a computerized database on post-acute head-injured patients*. National Head Injury Foundation Seventh Annual National Symposium, Atlanta, GA.
118. Crosson, B., Barco, P. P., Velozo, C. A., Bolesta, M. M., & Brobeck, T. C. (1998, September). *Awareness and compensation in community reintegration after head*

*injury*. Paper presented at Cognitive Rehabilitation: Community Reintegration through Scientifically Based Practice, Richmond, VA.

119. Crosson, B., Numan, B. K., Cooper, P. V., & Velozo, C. A. (1988, August). *Components of verbal memory in a head injured sample*. Paper presented at the annual meeting of the American Psychological Association, Atlanta, GA.
120. Sanson, J., Crosson, B., Posner, M. I., Barco, P. B., Brobeck, T. C., & Velozo, C. A. (1987, May). *Attentional imbalances in head injury*. Paper presented at the Fifth Annual Mid-South Conference on Human Neuropsychology, Memphis, TN.
121. Lottes, E., Tash, E., & Velozo, C. A. (1986, April). *Driving and the neurologically impaired*. Paper presented at the meeting of the American Occupational Therapy Association, Minneapolis, MN.
122. Velozo, C. A., & Almli, C. R. (1984, April). *Neural plasticity: Evaluation of animal and human evidence*. Paper presented at the meeting of the American Occupational Therapy Association, Kansas City, MO.
123. Almli, C. R., Forbes, W. B., Velozo, C. A., & Henault, M. A. (1980, ). *Ontogeny of induced waves in rat olfactory bulb*. Paper presented at the meeting of the Association for Chemoreception Sciences, Sarasota, FL.
124. Velozo, C. A., Henault, M. A., & Almli, C. R. (1980, October). *Infant brain damage and the ontogeny of open-field locomotor behavior*. Paper presented at the meeting of the International Society for Developmental Psychobiology, Cincinnati, OH.
125. Velozo, C. A., & Almli, C. R. (1979, March). *Ontogenetic time course of LH damage and consummatory suckling deficits*. Paper presented at the meeting of the Eastern Psychological Association, Philadelphia, PA.

#### **INVITED PRESENTATIONS:**

1. Velozo, Craig – Adult Track (2015, July). Measuring and treating cognitive deficits in adults; An approach for occupational therapists. Course presented at the 3<sup>rd</sup> Annual Maralynne D. Mitcham Lectureship and Alumni Luncheon, Charleston, SC.
2. Classen, S., Velozo, C., Monahan, M. (2014, April). Use of the Evidence-Based Fitness-to-Drive Screening Measure (FTDS) for at-risk older drivers. Presentation at the American Occupational Therapy Association National Conference, Baltimore, MD.
3. Hong, I., Velozo, C. (2014, April). The use of Rasch derived outputs to select CMS G-code modifiers for upper extremity disability. Presentation at the American Occupational Therapy Association National Conference, Baltimore, MD.
4. Li, C-Y., Velozo, C.A. (2014, April) Using ICF Attention Activity Measure to generate Medicare G-codes and a treatment framework. Presentation at the American

Occupational Therapy Association National Conference, Baltimore, MD.

5. Huang, Y-Y., Velozo, C., Bendixin, R. Cross-cultural validity of the Children's Assessment of Participation and Enjoyment: A Rasch Analysis in the U.S. and Taiwan. Presentation at the American Occupational Therapy Association National Conference, Baltimore, MD.
6. Velozo, C. Hong, I., Li, C-Y. (2013, September). Approaching disability determination through clinical assessment. Presentation to the Research Council, College of Health Professions, MUSC, Charleston, SC.
7. Velozo, C. Hong, I., Woodbury, M., Wen, P-S., Romero, S. (2013, November). Using rehabilitation measures to generate Medicare G-codes and guide clinical interventions. Presentation at the American Congress of Rehabilitation Medicine Annual Conference, Orlando, FL.
8. Velozo, C., Hong, I., Li, C-Y. (2013, October), Method to translate patient reported outcome measures into disability indicators. Presentation to the South Carolina Clinical and Translational Institute, MUSC, Charleston, SC.
9. Velozo, C. Using assessments to report patient impairment levels. (2013, November). Presentation to the South Carolina Occupational Therapy Association Lowcountry District Meeting and CEU Sessions, MUSC. Charleston, SC.
10. Velozo, C. (2011, October). *Using Rasch model to verify the accuracy of self and proxy reports of function*. Presentation at the Institute of Medicine of the National Academies Washington, DC.
11. Velozo, C. (2009, March). *Generating a measurement framework for clinical assessment*. Presentation to the Rehabilitation Outcomes Research Center, Gainesville, FL.
12. Velozo, C. (2009, February). *Generating Measurement Theory for Clinical Assessment*. Presentation to the Brain Rehabilitation Research Center, Gainesville, FL.
13. Velozo, C. (2009, January). *Cognitive dimensions of functioning and disability: Developing additional measures of cognitive limitation*. Presentation at the Workshop on Improving Measurement of Late-Life Disability in Population Surveys: Going Beyond ADLs and IADLs, Washington, DC.
14. Velozo, C. (2008, November). *Rasch measurement: Fundamentals for interpreting the science*. Presentation at the Academy of Neurologic Communication Disorders and Sciences Meeting, Chicago, IL.
15. Duncan, P. W., & Velozo, C. A. (2007, February). *Measurement and methodology*. State of the Science Symposium on Post-Acute Rehabilitation: Setting a Research Agenda and Developing an Evidence Base for Practice and Public Policy, Crystal City, VA.

16. Velozo, C. A. (2005, February). *Keynote Address: Use of modern measurement methods to advance outcomes measurement in health care*. Shepard Center 6<sup>th</sup> Annual Research Day, Atlanta, GA.
17. Velozo, C. A., Pomeranz, J., & Lehman, L. (2004, September). *Building a measure of functional status in rehabilitation from conceptual model to computerized adaptive test*. Course Presented at the American Congress of Rehabilitation Medicine – American Society of Neurorehabilitation, Ponte Vedra Beach, FL.
18. Lehman, L., Velozo, C. A., Pomeranz, J., Byers, K., Piantieri, S., Wang, Y-C. (2004, September). *Development of a measure of upper extremity function based on the ICF*. Course Presented at the American Congress of Rehabilitation Medicine – American Society of Neurorehabilitation, Ponte Vedra Beach, FL.
19. Velozo, C. A. (2003, October). *Developing measures based on the ICF*. ICF Workshop: Development of Clinical Measurement Tools, Washington, DC.
20. Velozo, C. A., Gray, D. B., & Hollingsworth, H. (2000, September). *Scaling and factor structure of the WHODAS II: A Rasch measurement approach*. Paper presented at the 7<sup>th</sup> Annual North American Collaborating Center Meeting, Washington, DC.
21. Linacre, M. & Velozo, C. A. (2000, April). *Use of Rasch measurement for outcomes research*. Paper presented at the Annual American Occupational Therapy Conference, Seattle, WA.
22. Velozo, C. A. (1999, September). *Use of Rasch models to develop scales for the ICIDH-2*. Paper presented at the North American Collaborator Conference for the ICIDH-2, Vancouver, BC.
23. Velozo, C. A. (1999, April). *Use of modern test theory to develop a scale for the ICIDH-2*. Paper presented at the American Occupational Therapy Colloquium and Tea at the American Occupational Therapy National Conference, Indianapolis, IN.
24. Velozo, C. A., Lai, J-S., Mallinson, T., & Hauselman, E. (1998, May). *Maintaining instrument quality while reducing items: Application of Rasch analysis to a self-report of visual function*. Paper presented at the Second International Outcome Measurement Conference, University of Chicago, Chicago, IL.
25. Velozo, C. A. (1998, April). *Scale-free measurement across the continuum of care*. Paper presented at the 20<sup>th</sup> Annual College of Associated Health Professions Research Forum, Chicago, IL.
26. Velozo, C. A. (1997, September). *Using the Rasch model to develop new scales*. Paper presented as part of the symposium: Progress in measurement of rehabilitation outcomes, Part I and II at the American Congress of Rehabilitation Medicine 74<sup>th</sup> Annual Meeting, Boston, MA.

27. Velozo, C. A. (1997, April). *Developing instruments to support the measurement of outcomes: Adults and work outcomes*. Paper presented as part of the AOTF Institute: Functional outcome studies: How to document treatment effectiveness at the American Occupational Therapy National Conference, Orlando, FL.
28. Velozo, C. A. (1996, April). *Adults and work outcomes*. Paper presented as part of the AOTF Institute: Functional outcome studies: How to document treatment effectiveness at the American Occupational Therapy National Conference, Chicago, IL.
29. Velozo, C. A., Eckberg, S., Santopoalo, R. & Chu, C. (1995). *Measurement qualities of a dictionary of occupational title-based work capacity scale*. Presentation for the Department of Physical Therapy's Spring 1995 Research Seminar, Chicago, IL.
30. Velozo, C. A. (1993, November). *Resolving work disability: Model for worker and work-place intervention*. Paper presented at the Health of the Disabled Worker Conference, University of Illinois at Chicago, Chicago, IL.
31. Leiter, P. & Velozo, C. A. (1993, November). *Rehabilitation outcome data bases*. Paper presented at the Collaborative Partnerships Symposium: Occupational therapy alumni and UIC Faculty, University of Illinois at Chicago, Chicago, IL.
32. Velozo, C. A., Magalhaes, L., Pan, A., & Leiter, P. (1993, December). *Initial Rasch analysis of the LORS-III*. Paper presented at the Rehabilitation Measurement Rasch Analysis Colloquium, University of Chicago, Chicago, IL.
33. Velozo, C. A. (1993, June). *AOTA/AOTF outcome project*. Paper presented at the AOTA/AOTF Measurement, Outcomes, Quality Improvement Think Tank Meeting, Washington, DC.
34. Velozo, C. A. (1992, January). *Evaluating the injured worker: Training in the Worker Role Interview*. Paper Presented at the I. Latin American Convention and VII. Colombian Convention of Occupational Therapy, Columbia, South America.
35. Velozo, C. A. (1991, October). *Work assessments: Selected review and proposed directions for occupational therapy*. Paper presented at the Symposium on Measurement and Assessment: Directions for research in Occupational Therapy, University of Illinois at Chicago, Chicago, IL.
36. Velozo, C. A., Cole, D. M., Lustman, P. J., Montag, J., & Eubanks, B. (1991, April). *Effects of psychiatric disorder on rehabilitation efforts and ability to return to work following a job-related injury*. Paper presentation to the Work Program Special Interest Section, American Occupational Therapy Conference, Cincinnati, OH.
37. Velozo, C. A., & Townsend, B. (1991, January). *A computerized documentation-data analysis system for clinical research*. Presentation to the Department of Occupational Therapy and the Neurobehavioral Rehabilitation Research Center at, Sargent College of Allied Health Professions, Boston University, Boston, MA.



38. Velozo, C. A. (1991, January). *Mechanics of creating a computerized database for clinical research*. Presentation to the workshop of Department of Occupational Therapy and the Neurobehavioral Rehabilitation Research Center at Sargent College of Allied Health Professions, Boston University, , Boston, MA.
39. Velozo, C. A., & Townsend, B. (1991, ). *Facilitation of research, program evaluation, and documentation in work hardening using computerized systems*. Presentation to the Chicago Work Network, Mercy Hospital and Medical Center, Chicago, IL.
40. Velozo, C. A. (1991). *Cognitive rehabilitation - what works and what does not*. Presentation to Occupational Therapy Department, Cook County Hospital, Chicago, IL.
41. Velozo, C. A. (1991). *Conducting clinical research: Single system design*. Presentation to Occupational Therapy Department, Michael Reese Medical Center, Chicago, IL.
42. Velozo, C. A. (1990). *Single system design*. Presentation to Occupational Therapy Department, Mercy Hospital and Medical Center, Chicago, IL.
43. Velozo, C. A. (1989). *The challenge of rehabilitation research in the clinic*. Paper presented at the First Annual Meeting of the Chicago NeuroSurgical Center, Chicago, IL.
44. Velozo, C. A. (1989). *Clinical research models: Single case design and computer data bases*. Paper presented at the First Annual Meeting of the Chicago NeuroSurgical Center, Chicago, IL.

#### **PROFESSIONAL CERTIFICATION:**

Licensed Occupational Therapist, State of South Carolina (No. 4246)

Occupational Therapist, Registered (No. 537266)

#### **NATIONAL COMMITTEES AND PROFESSIONAL ORGANIZATIONS:**

American Occupational Therapy Association Outcomes Ad Hoc Committee. March 16-17, 2007.

Institute of Medicine Committee on Improving the Disability Decision Process: Social Security Administration's Listing of Impairments and Agency Access to Medical Expertise. January 2005 – December 2005.

Invited by Harvard School of Public Health and NovaCare to be part of the Boston Working Group on Improving Health Care Outcomes Through Geriatric Rehabilitation. May, 1996.

Invited by the American Occupational Therapy Association and American Occupational Therapy Foundation to serve on a committee to explore the developing national priorities for efficacy research in occupational therapy. April, 1991.

Invited by the Agency for Health Care Policy and Research and the American Society of Allied Health Professions to plan a national conference on treatment efficacy research. July, 1990.

Editorial Board: Journal of Applied Measurement, 2000 to present

Editorial Board: Journal of Occupational Rehabilitation, 1991 to 2000

Editorial Board: Journal of Outcome Measurement, 1997 to 2001

Editorial Board: Journal of Rehabilitation Outcomes Measurement, 1996 to 2000

Editorial Board, Work: A Journal of Prevention, Assessment, and Rehabilitation, 1990 to 1999

Editorial Board, American Journal of Occupational Therapy, 1989 to 1993, 1999 to present – ad hoc reviewer

Grant Reviewer, American Occupational Therapy Foundation, 1987 to present

Ad Hoc Grant Reviewer, National Institute of Disability and Rehabilitation Research, 1999

Ad Hoc Grant Reviewer, National Institute of Health, 1998

Member, American Occupational Therapy Association, 1984 to present

Member, American Congress of Rehabilitation Medicine, 1995 to 1999, 2006

Member, Association of Driver Educators for the Disabled, 1986 to 1990

Associate Member, Sigma Xi, The Scientific Research Society, 1980 to 1993