

CURRICULUM VITAE

CRAIG A. VELOZO

The UNIVERSITY OF FLORIDA,
COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS
DEPARTMENT 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, The College of the Holy Cross, Worcester, Massachusetts

WORK HISTORY:

- 2001-Present North Florida/South Georgia Veterans Health System, Rehabilitation Outcomes Research Center, Gainesville, Florida, Research Health Scientist, Lead Focus Area 2: Advancing Outcome Measurement in CNS Damage and Rehabilitation.
- 2000-Present University of Florida, 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 University of Illinois at Chicago, College of Health and Human Development Sciences, Department of Occupational Therapy, Chicago, Illinois 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 Head Injury Resource Center, Irene Walter Johnson Rehabilitation Institute, Washington University School of Medicine, St. Louis, Missouri
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 Occupational Therapy Department, Irene Walter Johnson Rehabilitation Institute, Washington University School of Medicine, St. Louis, Missouri
Staff Occupational Therapist: Provided acute neurology and long-term neurology rehabilitation services.

FUNDED GRANTS/CONTRACTS:

- Veteran-Centered Outcomes Using Qualitative and Quantitative Methods (\$260,614) Principal Investigator - Department of Veterans Affairs - July 2006 - June 2008.
- Proposal to Develop a Computer Adaptive Measure of Functional Cognition (CAMFC) for Stroke (\$613,759) - Principal Investigator - GlaxoSmithKline, Inc. January 2006 – December 2008.
- Developing a Computer Adaptive TBI Cognitive Measure (\$253,500) Principal Investigator - National Institute of Health, April 2004 – May 2007
- Linking Measures Across the Continuum of Care (\$300,156) Principal Investigator – Department of Veterans Affairs, October 2003 – September 2005.
- Linking Healthcare Data Across the Continuum of Care (\$20,000) Principal Investigator – University of Florida Research Opportunity Fund 2001 – May 2001 – April 2002.
- 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-Principle Investigator (10%) – Center for Disease Control – September, 2000 – August, 2003
- Advancing Core Methodologies for Outcomes Research (\$300,000) Co-Principal Investigator – American Occupational Therapy Foundation – January 2000 – December 2002.
- 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.
- Elderly Wellness Demonstration Project (\$11,920) Principal Investigator - Alexian Brothers/Catholic Charities – January 1999 – June 1999.
- Medirisk Research and Development Project Year Two Continuation (\$106,998) Principal Investigator - Medirisk, Inc. March 1998 - September 1998.

Medirisk Nutrition and Infection Scale Analyses for Intensiva (\$2,090) Principal Investigator - Medirisk, Inc. August 1997- September 1997.

Item Reduction Project (\$8,175) Principal Investigator - Medirisk, Inc. July 1997- August 1997.

Medirisk Research and Development Project Year Two (\$189, 945) Medirisk Inc., September 1997- February 1998.

Formations Research and Development Project (\$367,195) Principal Investigator - Formations in Health Care, Inc. - August 1996 to July 1997

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 to September 1995.

Formations Data-Analysis Project (\$8,990) Principal Investigator - Formations in Health Care, Inc. - June 1994 to May 1995.

Development of a National Data Base to Study the Effectiveness of Industrial Rehabilitation (\$63,300) Principal Investigator - American Occupational Therapy Foundation - February 1993 to March 1995.

Foundational, Specialty and Advanced Training of Occupational Therapists for Work-Related Services (\$315,000) Co-investigator - July 1993 to June 1996.

Effectiveness of Occupational Therapy: A Database Approach (\$43,452) Principal Investigator - American Occupational Therapy Association - September 1992 to June 1994.

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 to February 1994

Efficacy of Work Hardening for the Low Back Pain Patient (\$14,900) Principal Investigator - American Occupational Therapy Foundation - December 1989 to April 1991

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 to November 1990

Intervention Efficacy: A Database Model (\$7,716) Principal Investigator - Campus Research Board, University of Illinois at Chicago - July 1989 to June 1990

AWARDS

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

- Classen, S., Winter, S.M., Velozo, C., Bédard, M., Lanford, D., & Brumback, B., Lutz, B. (Accepted). Item Development and Validity Testing for a Safe Driving Behavior Measure. American Journal of Occupational Therapy.
- Ying-Chih Wang, Y.C., Byers, K.L., Velozo, C.A. (2009) Validation of the FIM-MDS crosswalk conversion algorithm. Journal of Rehabilitation Research and Development. 45(7),1065-1076 .
- Woodbury, M.L., Velozo, CA., 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),1563-1569.
- 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 - 259.
- 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), 458-467.
- 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),122-135.
- 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), 1482-1487.
- 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), 433-447.
- 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.
- 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- 478.
- 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.

- 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) 715-723
- Velozo, C.A., Choi, B., Eckberg-Zylstra, E., Santopalo, 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.
- Justiss, Michael J.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, Part 2. 22(2):121-128
- 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),362-373
- 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.
- 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, 1609-1615.
- 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), 1128-1135.
- 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.
- White, L. & Velozo, C.A. (2002). The use of Rasch measurement to improve the Oswestry classification scheme. Archives of Physical Medicine and Rehabilitation, 83, 822-831.
- 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),662-673.S
- 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), 667-680.
- 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, 153-168.
- 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.

- 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
- 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.
- 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), 705-712.
- Velozo, C.A. (1994). The issue is: Should occupational therapy choose a single functional outcome measure? American Journal of Occupational Therapy, 48, 946-947.
- 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.
- 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), 140-152.
- 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, 248-265.
- Velozo, C.A. (1993). Work evaluations: Critique of the state of the art in the measurement of work. American Journal of Occupational Therapy, 47, 203-209.
- 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, 271-279.
- Velozo, C.A., & Almlı, C.R. (1992). Modulation of lateral hypothalamic activity by olfactory bulb and sciatic stimulation. Brain Research Bulletin, 28, 503-511.
- 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, 227-233.
- Fisher, A.G., Liu, Y., Velozo, C.A., & Pan, A.W. (1992). Cross-cultural assessment of process skills. American Journal of Occupational Therapy, 46, 876-885.
- 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.
- 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.

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.

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.

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, 422-426.

CHAPTERS:

Velozo, CA, Forsyth, K & Kielhofner, G. Chapter 12: Objective Measurement in Health Care: The Influence of Item Response Theory on Research and Practice in G. Kielhofner, ed. (2006) Scholarship in Occupational Therapy: Methods of Inquiry for Enhancing Practice: Philadelphia: F.A. Davis.

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.

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.

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

BOOK REVIEW:

Velozo, C. Book Review (2005). Rasch Measurement in Health Sciences. Rasch Measurement Transactions.

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.

PUBLISHED ABSTRACTS:

- 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.
- 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
- Velozo, C.A., Pan, A., Magalhaes, L., & Leiter, P. (1994). Nurse-therapist differences in ADL assessment. *Archives of Physical Medicine and Rehabilitation*, 75, 720.
- 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.
- 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), 265-266.
- 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.
- Velozo, C.A. (1991). Documentation-data analysis system (D-DAS) for health care. *Zenith Data Systems Masters of Innovation III 1991 Competition*, 88.
- Velozo, C.A., & Rega, C.G. (1991). Development of a computerized documentation-data analysis system for work hardening. *Rehabilitation R&D Progress Reports, 1990*, 261-262.
- 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, 301-302.
- 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.
- Velozo, C.A., Hazelrigg, P.J., Barco, P.P, Cooper, P.V., A.D., 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*.

- 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.
- Velozo, C.A., Hazelrigg, P.J., Barco, P.P, Cooper, P.V., A.D., 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, 112-123.
- Lottes, E.M., & Velozo, C.V. (1988). Research based pre-driving assessment for the head injured. National Head Injury Foundation Seventh Annual National Symposium, 323-324.
- 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.
- 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.
- 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.
- 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:

- Velozo, C.A., Wen, P.S., Heaton, S., Waid-Ebbs, K. Donovan, N., Jenkins, W. Development of a Self/Proxy Report of Functional Cognition for TBI. Poster presented at VA Health Services Research and Development National Meeting, Baltimore, MD, February 2009
- Velozo, C.A., Young, L., Wang, J.H. Developing Healthcare Measures: Monte Carlo Simulations to Determine Sample Size Requirements Presented at the International Conference on Objective Measurement, Bethesda, MD, September 2008
- Velozo, C.A., Wen, P.S., Heaton, S., Waid-Ebbs, K., Donovan, N. Psychometrics of a Functional Cognitive Item Bank for Traumatic Brain Injury. Presented at the Patient Reported Outcomes System (PROMIS) Conference, Bethesda, MD, March 2008
- Warren, M., Velozo, C.A., Hicks, E. 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, April 2008.

- Velozo, C.A., Woodbury, M.L., Mallinson, T.R., Bateman, J.S. 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, April 2008.
- Hannold, E.M., Velozo, C.A., Roach, E.M., Hanjian, J.M., Jordan M.M., Behrman, A.L. Daly, JJ Identifying Veteran-Centered Outcomes Using Qualitative Methods. Paper presented at the Veterans Affairs Health Services Research and Development Annual Conference, Baltimore, February 2008.
- Kimberg, C., Heaton, S.C., Velozo, C., Donovan, N., Waid-Ebbs, J.K., & Wen, P. Development of a Measure of Functional Cognition for Adult TBI. Presented at the International Neuropsychological Society Annual Meeting, Portland, February, 2007
- Velozo, C.A., Barrett, B., Wang J., Lehman, L.A., Wang, Y. 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, October, 2006
- Lehman, L.A., Velozo, C.A., Woodbury, M., Byers, K., Pomeranz, J., Piantieri, S., Wang, Y-C., Wang, J-H., Wen, P-S. Use of "Recovery Maps" to Guide Occupational Therapy Upper Extremity Interventions. Poster presented at the American Occupational Therapy Association's 86th Annual Conference, April 28, 2006, Charlotte, N.C.
- Wang, J-H., Velozo, C.A., Barrett, B., Lehman, L.A., Piantieri, S.H., Wang, Y-C., Wen, P-S. Developing an Individualized Physical Function Assessment Using Computerized Adaptive Testing. Poster presented at the American Occupational Therapy Association's 86th Annual Conference, April 28, 2006, Charlotte, N.C.
- Wang, Y-C, Velozo, CA, Byers, K., Smith, R.M. 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, April 28, 2006.
- Moorhouse, M.D., Byers, K.L., Pomeranz, J.L., Spiznagel, R.J., Velozo, C.A. Rasch Analysis of the Word Knowledge Subtest of the Career Ability Placement Survey (CAPS). Poster Presentation at the National Counsel on Rehabilitation Education (NCRE) 6th Annual Conference, San Diego, CA February 16, 2006
- Velozo, C. Developing a computer adaptive TBI cognitive measure. National Institute of Child Health and Human Development Outcomes Measurement Meeting, Bethesda, MD, December 9, 2005
- Velozo, C.A., Johnson, A, Byers, K., Piantieri, S., Pomeranz, J., Lehman, L., Wang, Y., Wang, J., Wen, P., Gray, D. Development of a computerized adaptive self report functional measure. Poster presented at the Veterans Affairs Health Services Research and Development Conference, Washington, D.C., February 17, 2005.

- Velozo, C.A., 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, September 9-12, 2004.
- Byers, K., Velozo, CA., Wang, CA., Roberts, B. 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, September 9-12, 2004.
- Pomeranz, J., Developing a disability survey using cognitive interviewing. Presentation at the American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference. Ponte Vedra Beach, FL, September 9-12, 2004.
- Lehman, L.A., Development of a measure of upper extremity function using modern test theory. Presentation at the American Congress of Rehabilitation Medicine-American Society of Neurorehabilitation Joint Conference. Ponte Vedra Beach, FL, September 9-12, 2004.
- Piantieri, S. 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, September 9-12, 2004.
- Wang, Y-C., 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, September 9-12, 2004.
- Velozo, C.A., Heaton, S., Coster, S., Piantieri, S., Gribbins, D. Tenth North American Collaborating Center Conference on ICF, Halifax, Nova Scotia, Canada, June 2, 2004.
- Velozo, C.A., Barrett, B., Piantieri, S., Byers, K., Pomeranz, J., Lehman, L., Wang, Y-C., Gray, D., Development of a Computerized Adaptive Measure of Disability Based on the ICF. Ninth North American Collaborating Center Conference on ICF, St. Louis, June 17, 2003
- Lehman, L.A., Velozo, C. A., Pomeranz, J., Byers, K., Piantieri, S., Wang, Y-C. Development of a measure of upper extremity function based on the ICF. Ninth North American Collaborating Center Conference on ICF, St. Louis, June 17, 2003
- Donovan, N., Rosenbek, J.C., Velozo, C.A. Measuring Communication Effectiveness, Presented at the 2003 American Speech and Hearing Association Convention, Chicago, Illinois, November 13, 2003.
- Politano, P. & Velozo, C. Using Rasch and Traditional Analysis to Create AAC Outcome Tools, Presentation at the American Speech-Language Hearing Association Conference, Chicago, November 13, 2003.
- Chiu, Y-P, Fritz, S.L., Kornetti, D.L., Velozo, C.A., Light, K.E. Evaluation of the Dynamic Gait Index in the community dwelling elderly population with balance deficits using Rasch

- model analysis. 14th International World Confederation for Physical Therapy Congress 2003, Barcelona, Catalonia, Spain, June 9, 2003.
- Classen, S., Mann, W., Velozo, C.A. Relationship of multidrug interactions to health and functional status of the frail elderly. American Occupational Therapy Conference, Washington, DC, June 7, 2003.
- Chiu Y-P., Light, K.E., Fritz, S.L., Kornetti, D.L., Velozo, C.A. 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, February 14, 2003.
- Kornetti, D.L., Fritz, S., Chiu, Y-P., Light, K.E., Velozo, C.A. Functional interpretation of the Berge Balance Test using the Rasch Measurement model. American Physical Therapy Association Combined Section Meetings, Tampa, February 14, 2003.
- Velozo, C. Use of Focus Groups in the Development of an ICF Activity Measure. 8th North American Collaborating Center Conference, Toronto, Canada, June 4, 2002.
- Velozo, C. Developing Item Banks for Self-Reports of Movement Disability. Boston University, Boston, Massachusetts, May 30, 2002
- Velozo, C. Linking Measures Across the Continuum of Care, American Occupational Therapy Association National Conference, Miami, Florida, May 4, 2002.
- Velozo, C.A., & Politano, P. Using Rasch measurement in the development of a functional communication measure for adults with developmental disabilities. International Conference on Objective Measurement, October 19, 2001.
- Velozo, C.A., Gray, D.B., & Hollingsworth, H. Scaling and Factor Structure of the WHODAS II: A Rasch Measurement Approach 7th Annual North American Collaborating Center Meeting Washington, D.C., September 15, 2000
- Velozo, C.A., Lu, Y, Hung, Y-C. & Lai, J-S. Influence of linear measures on the reporting of functional independence measure effect sizes. Paper presented at the 3rd International Outcomes Conference: Measurement of Healthcare Outcomes, Chicago, June, 2000.
- Velozo, C.A. & Gray, D. Use of Modern Test Theory to Develop a Measurement System for the ICDH-2 Classification of Activity 6th Annual North American Collaborating Centre Meeting Vancouver, British Columbia October 4, 1999
- Velozo, C.A. Creating and managing research teams. Paper presented at the American Occupational Therapy Annual Conference, Seattle, April, 2000.
- Balcer, S. & Velozo, C.A. 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 2000.

- Velozo, C. A., Peterson, E. W. UIC Activity Confidence Scale: A Rasch methodological approach to scale development. Paper presented at the 21st Annual Research Forum, College of Health and Human Development Sciences, Chicago, IL 1999.
- Mallinson, T., Lai, J-S., Velozo, C.A, & Hauselman, E. More for less: Measuring visual function outcomes. Paper presented at the American Occupational Therapy National Conference, Baltimore, MD, 1998.
- Mallinson, T., Braunschweig, C., Lai, J-S., Velozo, C.A. 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: 14th International ISQA Conference on Quality in Health Care, Chicago, IL, 1997.
- DeBaun, L., & Velozo, C.A. Development of a measure of infection for post-acute care. Paper presented at the International Congress on Performance Measurement and Improvement in Health Care: 14th International ISQA Conference on Quality in Health Care, Chicago, IL, 1997.
- Forsyth, K., Lai, J-S., Velozo, C. The measurement properties of the cardiac outcomes system (COS). Paper presented at the 20th Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, 1998.
- Mallinson, T., Velozo, C.A., Lai, J-S., Debaun, L., Shirk, S., Forsyth, K. Hauselman, E., & Kraff, C. Measuring visual function outcomes: Improving the sensitivity of the VF-14. Paper presented at the 20th Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, 1998.
- Lai, J-S., & Velozo, C. The accuracy of recall in measuring outcomes of ambulatory orthopedic surgery. Paper presented at the 19th Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, 1997.
- Forsyth, K., Lai, J-S., & Velozo, C. The measurement properties of the General Ambulatory Surgery Scales (GASES). Paper presented at the 19th Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, 1997.
- Mallinson, T.R., Velozo, C.A., Lai, J-S., Druyan, M.E., & Debaun, L. The Medirisk Nutritional Status scale: A tool for measuring outcomes of nutritional intervention programs. Paper presented at the 19th Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, 1997
- Velozo, C.A., Lai, J., & Leiter, P. 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, 1996.
- Lai, J.S., & Velozo, C.A. 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, 1996.

- Lai, J.S., Velozo, C.A., & Caruso, T. Orthopedic and Occupational Outcome Scales: Psychometrics and Predictive Power. Paper presented at Measuring Outcomes: Research Highlights from Across the Nation, Annual Meeting, Chicago, IL, 1996.
- Lai, J.S. & Velozo, C.A. Rater Validity vs. Rater Reliability. Paper presented at Measuring Outcomes: Research Highlights from Across the Nation, Annual Meeting, Chicago, IL, 1996.
- Velozo, C.A., Eckberg, S.E., MacNeill, M. & Santopoalo, R. Dictionary of occupational title-based work capacity scale. Paper presented at the American Occupational Therapy National Conference, Chicago, Illinois, 1996
- MacNeill, M., Velozo, C.A., Eckberg, S., Santopoalo, R. Return to work outcomes using ORDB instrument. Paper presented at the American Occupational Therapy National Conference, Chicago, Illinois, 1996.
- Velozo, C.A., Santopoalo, R., Chu, C., & Eckberg, S. Development of an industrial rehabilitation database system. Paper presented at the American/Canadian Occupational Therapy National Conference, Boston, Massachusetts, 1994
- Velozo, C.A., Magalhaes, L., Pan, A., & Weeks, D. Measurement qualities of the Level of Rehabilitation Scale-III (LORS-III). Paper presented at the American Congress of Rehabilitation Medicine Conference, Denver, Colorado, 1993.
- Gern, A., Velozo, C.A., & Padilla, S. Construct validity of the Worker Role Interview. Paper presented at the American Occupational Therapy Conference, Seattle, Washington, 1993.
- Magalhaes, L., Velozo, C.A., Pan, A., & Weeks, D. Rasch analysis of the LORS-III. Paper presented at the Midwest Objective Measurement Seminar, Chicago, Illinois, 1993.
- Velozo, C.A., Padilla, S., Sweet, S. Clinical change in work hardening. Paper presented at the American Occupational Therapy Conference, Houston, 1992.
- Velozo, C.A., Kielhofner, G., Fisher, G., & Krefft, L. Worker role interview: Training in administration and interpretation. Paper presented at the American Occupational Therapy Conference, Cincinnati, 1991.
- Velozo, C.A., Levenson, M., & Rega, C.G. A computerized documentation-data analysis system for work hardening. Paper presented at the meeting of the American Occupational Therapy Association, New Orleans, 1990.
- Crosson, B., Cooper, P.V., Lincoln, R.K., Velozo, C.A., & Bauer, R.M. Relationships between verbal memory and language after blunt head injury. Paper presented at the American Psychological Association Conference, Boston, 1990.
- Lincoln, R.K., Crosson, B., Cooper, P.V., Velozo, C.A., & Bauer, R.M. Relationship between intellectual and language measures after head injury. Paper presented at the American Psychological Association Conference, Boston, 1990.

- Velozo, C.A., Hazelrigg, P.J., Barco, P.P, Cooper, P.V., A.D., Crosson, B, Frank, R.G., & Alper, J.S. Development of a computerized database on post-acute head-injured patients. National Head Injury Foundation Seventh Annual National Symposium, Atlanta, Georgia, 1988.
- Crosson, B., Barco, P.P., Velozo, C.A., Bolesta, M.M., & Brobeck, T.C. Awareness and compensation in community reintegration after head injury. Paper presented at Cognitive Rehabilitation: Community Reintegration through Scientifically Based Practice, Richmond, Virginia, 1988.
- Crosson, B., Numan, B.K., Cooper, P.V., & Velozo, C.A. Components of verbal memory in a head injured sample. Paper presented at the annual meeting of the American Psychological Association, Atlanta, Georgia, 1988.
- Sanson, J., Crosson, B., Posner, M.I., Barco, P.B., Brobeck, T.C., & Velozo, C.A. Attentional imbalances in head injury. Paper presented at the Fifth Annual Mid-South Conference on Human Neuropsychology, Memphis, Tennessee, 1987.
- Lottes, E., Tash, E., & Velozo, C.A. Driving and the neurologically impaired. Paper presented at the meeting of the American Occupational Therapy Association, Minneapolis, Minnesota, 1986.
- Velozo, C.A., & Almli, C.R. Neural plasticity: Evaluation of animal and human evidence. Paper presented at the meeting of the American Occupational Therapy Association, Kansas City, Missouri, 1984.
- Almli, C.R., Forbes, W.B., Velozo, C.A., & Henault, M.A. Ontogeny of induced waves in rat olfactory bulb. Paper presented at the meeting of the Association for Chemoreception Sciences, Sarasota, Florida, 1980.
- Velozo, C.A., Henault, M.A., & Almli, C.R. Infant brain damage and the ontogeny of open-field locomotor behavior. Paper presented at the meeting of the International Society for Developmental Psychobiology, Cincinnati, Ohio, 1980.
- Velozo, C.A., & Almli, C.R. Ontogenetic time course of LH damage and consummatory suckling deficits. Paper presented at the meeting of the Eastern Psychological Association, Philadelphia, Pennsylvania, 1979.

INVITED PRESENTATIONS:

- Velozo, C. Generating a Measurement Framework for Clinical Assessment. Presentation to the Rehabilitation Outcomes Research Center, March 13, 2009
- Velozo, C. Generating Measurement Theory for Clinical Assessment. Presentation to the Brain Rehabilitation Research Center, Gainesville, FL, February 9, 2009.

- Velozo, C. 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, January 8, 2009.
- Velozo, C. Rasch Measurement: Fundamentals for Interpreting the Science. Presentation at the Academy of Neurologic Communication Disorders and Sciences Meeting, Chicago, IL, November 19, 2008
- Duncan, P.W., Velozo, C.A. 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, Virginia, February 12, 2007.
- Velozo, C.A. Keynote Address: Use of modern measurement methods to advance outcomes measurement in health care. Shepard Center 6th Annual Research Day, Atlanta, Georgia, February 4, 2005.
- Velozo, C.A., Developing Measures Based on the ICF. ICF Workshop: Development of Clinical Measurement Tools, Washington, D.C., October 9, 2003.
- Velozo, C.A., Gray, D.B., & Hollingsworth, H. (2000). Scaling and factor structure of the WHODAS II: A Rasch measurement approach. Paper presented at the 7th Annual North American Collaborating Center Meeting, Washington, D.C.
- Linacre, M. & Velozo, C.A. (2000). Use of Rasch measurement for outcomes research. Paper presented at the Annual American Occupational Therapy Conference, Seattle, Washington.
- Velozo, C.A. (1999). Use of Rasch models to develop scales for the ICIDH-2. Paper presented at the North American Collaborator Conference for the ICIDH-2, Vancouver, B.C.
- Velozo, C.A. (1999). 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, Indiana.
- Velozo, C.A, Lai, J-S., Mallinson, T., & Hauselman, E. (1998). 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.
- Velozo, C. A. (1998). Scale-free measurement across the continuum of care. Paper presented at the 20th Annual College of Associated Health Professions Research Forum, Chicago, Illinois.
- Velozo, C.A. (1997). 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 74th Annual Meeting, Boston, Massachusetts.

- Veloza, C.A (1997). 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, Florida.
- Veloza, C.A. (1996). 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, Illinois
- Veloza, C.A., Eckberg, S., Santopalo, 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, Illinois.
- Veloza, C.A. (1993). 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, Illinois.
- Leiter, P. & Vellozo, C. A. (1993). Rehabilitation outcome data bases. Paper presented at the Collaborative Partnerships Symposium: Occupational therapy alumni and UIC Faculty, University of Illinois at Chicago, Chicago, Illinois.
- Veloza, C.A., Magalhaes, L., Pan, A., and Leiter, P. (1993). Initial Rasch analysis of the LORS-III. Paper presented at the Rehabilitation Measurement Rasch Analysis Colloquium, University of Chicago, Chicago, Illinois.
- Veloza, C.A. (1993). AOTA/AOTF Outcome Project. Paper presented at the AOTA/AOTF Measurement, Outcomes , Quality Improvement Think Tank Meeting, Washington, DC.
- Veloza, C.A. (1992). Evaluating the injured worker: Training in the Worker Role Interview. Paper Presented at the I. Latin American Convention and VII. Columbian Convention of Occupational Therapy, Columbia, South America.
- Veloza, C.A. (1991). 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, Illinois.
- Veloza, C.A., Cole, D.M., Lustman, P.J., Montag, J., & Eubanks, B. (1991). 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.
- Veloza, C.A., & Townsend, B. (1991). A computerized documentation-data analysis system for clinical research. Presentation to the Department of Occupational Therapy and the Neurobehavioral Rehabilitation Research Center at Boston University, Sergeant College of Allied Health Professions, Boston.
- Veloza, C.A. (1991). Workshop: Mechanics of creating a computerized database for clinical research. Presentation to the Department of Occupational Therapy and the

Neurobehavioral Rehabilitation Research Center at Boston University, Sargent College of Allied Health Professions, Boston.

Veloza, 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.

Veloza, C.A. (1991). Cognitive rehabilitation - what works and what does not - Presentation to Occupational Therapy Department, Cook County Hospital, Chicago.

Veloza, C.A. (1991). Conducting clinical research: Single system design. Presentation to Occupational Therapy Department, Michael Reese Medical Center, Chicago.

Veloza, C.A. (1990). Single system design. Presentation to Occupational Therapy Department, Mercy Hospital and Medical Center, Chicago.

Veloza, C.A. (1989). The challenge of rehabilitation research in the clinic. Paper presented at the First Annual Meeting of the Chicago NeuroSurgical Center, Chicago.

Veloza, 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

PROFESSIONAL CERTIFICATION:

Licensed Occupational Therapist, State of Illinois (No. 056-0270)

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 present

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