

LEONARD N. MATHESON, Ph.D.

February 2016

BRIEF PERSONAL BIOGRAPHICAL SKETCH

Dr. Matheson is a neurorehabilitation psychologist who teaches as an Adjunct Faculty person in the Master of Arts in Counseling Program at Covenant Theological Seminary in St. Louis. He maintains an active consulting and counseling practice working with people who have physical, neurological and psychological disabilities. He and his wife of 35 years, Mary have two children and two grandchildren. His favorite outdoor activity is bicycling or hiking with his dog, family, and friends on the Katy Trail near his home in St. Charles, MO.



BRIEF PROFESSIONAL BIOGRAPHICAL SKETCH

Dr. Matheson is a neurorehabilitation psychologist who has published more than 50 peer-reviewed scientific papers and 100 invited papers and chapters in medical textbooks. He currently serves as an associate editor of the Journal of Occupational Rehabilitation and is on the editorial board of Work. He retired after fifteen years as an Associate Professor of Neurology and Occupational Therapy at the Washington University School of Medicine in St. Louis. He teaches as an Adjunct Faculty person in the Master of Arts in Counseling Program at Covenant Theological Seminary in St. Louis. He maintains an active consulting and counseling practice working with people who have physical, neurological and psychological disabilities. He is the Director of Research at the Faithful Brain Institute in St. Louis.

BIOGRAPHICAL DETAIL

1. ADDRESSES AND TELEPHONE NUMBERS

Business Office:
EpicRehab, LLC
188 Woodlands Place Court
Saint Charles, MO 63303
Phone: (636) 724-4556
Mobile: (636) 346-8869
Fax: (636) 898-0954
Website: www.EpicRehab.com

Clinical Office:
Solutions Counseling Associates
Suite 130
16020 Swingley Ridge Road
Chesterfield, MO 63017
Office 636-449-6000
E-mail: lmatheson@solutionscounseling.com

2. PRESENT POSITIONS

Director of Research, Faithful Brain Institute
Licensed Psychologist, Solutions Counseling Associates
Adjunct Faculty, Covenant Theological Seminary
Director of Research, EpicRehab

3. EDUCATION

1970 B.A. in Psychology, University of Southern California

1972 M.A. in Clinical Psychology, Pepperdine University

1976 M.A. in Developmental Psychology, University of Southern California

1979 PhD. in Psychology of Adult Development and Aging, University of Southern California

4. ACADEMIC POSITIONS/EMPLOYMENT

Present Licensed Psychologist & Partner
Solutions Counseling Associates, Chesterfield, Missouri

Present Adjunct Faculty
Covenant Theological Seminary, St. Louis, Missouri

2007-2015 Licensed Psychologist & Consultant
Center for Head Injury Services, St. Louis, Missouri

1996-Present Licensed Psychologist
Certified Vocational Evaluator
Certified Rehabilitation Counselor
EpicRehab, St. Charles, Missouri

2001-2007 Associate Professor, Neurology
Associate Professor, Program in Occupational Therapy
Licensed Psychologist, Vocational Evaluator & Rehab Counselor
Washington University School of Medicine, St. Louis, Missouri

2002-2007 Director, Occupational Performance Center
The Rehabilitation Institute of St. Louis
Director, Transit Access Center, St. Louis, Missouri

1995-2001 Director, Work Performance Clinical Laboratory
Licensed Psychologist, Vocational Evaluator & Rehab Counselor
Assistant Professor, Neurology
Assistant Professor, Program in Occupational Therapy
Washington University School of Medicine, St. Louis, Missouri

1992-1995 Assistant Research Professor, Program in Occupational Therapy
Washington University School of Medicine, St. Louis, Missouri

- 1990-1996 Associate Clinical Professor
Program in Biokinesiology and Physical Therapy
University of Southern California School of Medicine, Los Angeles
- 1990-1995 Director, EPIC Human Performance Laboratory
Licensed Psychologist, Vocational Evaluator & Rehab Counselor
Employment Potential Improvement Corporation, Santa Ana CA
- 1984-1990 Executive Director
Licensed Psychologist, Vocational Evaluator & Rehab Counselor
Employment and Rehabilitation Institute of California, Anaheim CA
- 1980-1984 Vice President, Research and Development
I/O Psychologist & Assessment Systems Designer
Work Evaluation Systems Technology, Huntington Beach CA
- 1979-1980 Psychological Intern, Clinical Gerontology Program
Rancho Los Amigos Medical Center, Downey CA
- 1976-1979 Associate Director & Staff Clinical Psychologist
Rehabilitation and Vocational Services Department
Rancho Los Amigos Medical Center, Downey CA
- 1973-1976 Staff Clinical Psychologist
Rehabilitation and Vocational Services Department
Rancho Los Amigos Medical Center, Downey CA
- 1972-1977 Lecturer, Assistant Professor
School of Allied Health Services, Loma Linda School of Medicine
Loma Linda, CA
- 1970-1973 Vocational Counselor
Rehabilitation and Vocational Services Department
Rancho Los Amigos Medical Center, Downey CA

5. UNIVERSITY AND HOSPITAL APPOINTMENTS AND COMMITTEES

- 2004-2007 Member, Advisory Committee, Human Subject Research Quality Assurance/Quality Improvement Program
Washington University School of Medicine, St. Louis, Missouri
- 2003-2005 Chair, Promotion & Tenure Committee
Washington University Program in Occupational Therapy
Washington University School of Medicine, St. Louis, Missouri

- 2003-2013 Chair, Institutional Review Board
Focus on Therapeutic Outcomes (FOTO)
White Stone, VA

- 2003-2005 Co-Chair, Admissions Committee
Washington University Program in Occupational Therapy
Washington University School of Medicine, St. Louis, Missouri

- 2001-2004 Member, Human Studies Committee
Washington University School of Medicine
Washington University School of Medicine, St. Louis, Missouri

- 1999-2003 Member, Admissions Committee
Washington University Program in Occupational Therapy
Washington University School of Medicine, St. Louis, Missouri

- 1996-2005 Co-Chair, Committee on Academic Evaluation of Students
Washington University Program in Occupational Therapy
Washington University School of Medicine, St. Louis, Missouri

- 1994-1999 Secretary and Board Member
Orthomed Foundation, University of California San Diego, CA

- 1992-1998 Chairperson, Advisory Committee
Rehabilitation Research and Training Centers on Aging with a
Disability and Aging with a Spinal Cord Injury
University of Southern California, Rancho Los Amigos Medical
Center, Downey CA

6. BOARD CERTIFICATION

- Certified Vocational Evaluator, #57366
- Certified Rehabilitation Counselor, #5177
- Licensed Psychologist (Missouri) #PYR0533
- Licensed Psychologist (California, Inactive) #PSY9294

7. PROFESSIONAL AWARDS AND HONORS

- 2012 American Occupational Therapy Association
Special Interest Section Quarterly Writer's Award

- 1999 National Association of Disability Evaluation Professionals
Lifetime Achievement Award

- 1997 Pi Theta Epsilon Occupational Therapy National Honor Society
Teacher of the Year, Xi Chapter
Washington University School of Medicine, St. Louis, Missouri

- 1994 Commission on Accreditation of Rehabilitation Facilities
Certificate of Appreciation for Outstanding Contribution as Trustee and Member of the Standards Committee
- 1992 U. S. Marine Corps
Certificate of Appreciation for Outstanding Service Rendered during Operation Desert Shield and Operation Desert Storm
- 1992 American Occupational Therapy Association
Certificate of Appreciation for Outstanding Contribution to the Field
- 1988 Commission on Accreditation of Rehabilitation Facilities
Certificate of Appreciation as Member of the Occupational Rehabilitation Standards Committee
- 1984 American Board of Vocational Experts
Life Diplomate #003-84

8. EDITORIAL RESPONSIBILITIES

- 2001-2006 Reviewer, Medical Advisory Board, The Medical Disability Advisor
- 2000-2006 Reviewer, PVA Spinal Cord Research Foundation
- 2000-2007 Member, Editorial Board, Spine
- 1999-2012 Reviewer, WSIB Research Advisory Council
- 1990-Present Associate Editor, Journal of Occupational Rehabilitation
- 1990-Present Member, Editorial Board, Work: A Journal of Prevention, Assessment & Rehabilitation
- 1986-1990 Editor, Industrial Rehabilitation Quarterly

9. PROFESSIONAL SOCIETIES, ORGANIZATIONS

- 2015-Present Member, Sleep Research Society
- 2013-Present Member, American Scientific Affiliation
- 2011-Present Member, American Association of Christian Counselors
- 2008-Present Member, International Positive Psychology Association
- 1991-Present Society of Industrial and Organizational Psychology, Member
- 1979-Present American Psychological Association, Member
Society for General Psychology
Division of Rehabilitation Psychology
Division of Clinical Neuropsychology
- 1996-2013 American Occupational Therapy Association, Associate Member
- 1984-2005 Human Factors and Ergonomics Society, Member

10. MAJOR INVITED PROFESSORSHIPS AND LECTURESHIPS

1. Matheson, LN. Work-Oriented Neurorehabilitation. Center for Head Injury Services, Maryland Heights, MO, October 2011.
2. Matheson, LN. Occupational Implications of Combat-Exposed Mild Traumatic Brain Injuries: Evaluation and Treatment. Walter Reed National Military Medical Center, Bethesda, MD September 2011.
3. Matheson, LN. Using Functional Capacity Evaluation to Minimize Your Exposure to Symptom Magnification Syndrome. SEAK Workers' Compensation and Occupational Medicine National Conference, Hyannis, MA, July, 2006.
4. Matheson, LN. Virtual Work Simulation. Virtual Reality, Rehab & Occupation. Washington University St. Louis and University of Haifa, Israel February, 2005.
5. Matheson, LN. Keynote Address: Emerging models of disability determination and industrial rehabilitation. Canadian Kinesiotherapy Alliance Annual Meeting. Vancouver, British Columbia, Canada, April, 2003.
6. Matheson, LN. Professional integration to facilitate return to work after severe Trauma. Institute de Readaption en deficiance physique du Quebec. Annual Meeting. Quebec City, Quebec, Canada, October, 2002.
7. Matheson, LN. A new model for disability determination. Keynote Address, United Kingdom Society of Occupational Medicine Annual Scientific Meeting. Belfast Northern Ireland, June, 2001.
8. Matheson, LN. The Social Security System and functional capacity tests. Back Pain and Disability, Unraveling the Puzzle. Physical Medicine Research Foundation. New York, NY, November, 2000.
9. Matheson, LN. A new model for disability determination. Keynote Address, Work Special Interest Section, American Occupational Therapy Association, Indianapolis, April, 1999.
10. Matheson, LN. Work oriented rehabilitation: Interaction of physical and psychosocial factors. Keynote Address, Swiss Congress on Rehabilitation, Interlaken, Switzerland, April 23, 1998.
11. Matheson, LN. The use of functional capacity evaluation to resolve problems with the Social Security Disability program. Barriers Preventing Social Security Disability Recipients from Returning to Work. House of Representatives Ways and Means Committee, Subcommittee on Social Security, Washington, DC, July, 1997.
12. Matheson LN. Grand Rounds: Functional capacity evaluation. University of Oklahoma School of Medicine, Tulsa, OK, December, 1996.

13. Matheson, LN. The model to succeed with chronic patients. Keynote Address, Work Special Interest Section, World Congress of Physical Therapy. Washington, DC, July, 1995.
14. Matheson, LN. Balancing safety, reliability and validity. Keynote Address, Work Special Interest Section, American Occupational Therapy Association. Seattle, Washington, June, 1993.
15. Matheson, LN. Vocational feasibility and employability in industrial rehabilitation. Keynote Address, Industrial Rehabilitation Annual Provincial Conference. Workers Compensation Board of Alberta Rehabilitation Centre. Edmonton, Alberta, CAN, April, 1993.
16. Matheson, LN. Industrial rehabilitation in the USA. Keynote Address, Second International Isokinetic Seminar, Milan, Italy, April, 1992.
17. Matheson, LN. Work hardening. Keynote Address, Industrial Rehabilitation Annual Provincial Conference. Workers' Compensation Board of British Columbia, Vancouver, BC, November, 1992.

11. CONSULTING RELATIONSHIPS AND BOARD MEMBERSHIPS

2013-Present	REBOOT Combat Recovery, Ft. Campbell, KY
2010-Present	ICF International, Fairfax, VA
2009-Present	Boston University, Boston, MA
2009	Federal Cartridge Corporation, Anoka, Minnesota
2009	Harley Davidson Motorcycles, Milwaukee, Wisconsin
2008	Foster Farms, Kelso, Washington
2008	Cassens Trucking, Edwardsville, Illinois
2007	Hawaiian Airlines, Honolulu, Hawaii
2007	Aloha Airlines, Honolulu, Hawaii
2005-Present	Center for Head Injury Services, St. Louis, MO
2005-2008	American Medical Association, Chicago, IL
2004-2012	Chair, Institutional Review Board
	Focus on Therapeutic Outcomes, Whitestone, Virginia
2003	Veteran's Administration: Vocational Rehabilitation & Employment Task Force, Washington, DC
2001-2007	HealthSouth Corporation
2000-2007	The Rehabilitation Institute of St. Louis, St. Louis, MO
2000-Present	Board Member
	Vert Mooney Research Foundation, San Diego, CA
1999-Present	BTE Technologies, Denver, CO
1997-2000	American Institutes for Research, Washington, DC
1997	House of Representatives Subcommittee on Social Security, Washington, DC
1995-1999	Westat Corporation, Rockville, MD
1995	The Disney Corporation, Anaheim, CA
1994-1995	The Prudential Insurance Company, Parsippany, NJ
1994	Industrial Medical Council, California Division of Industrial Accidents

1993-Present	Social Security Administration, Baltimore, MD
1993-2000	Rehabilitation Research and Training Center on Aging and Spinal Cord Injury at USC - Rancho Los Amigos Hospital
1993-1994	E & J Gallo Winery, Modesto, CA
1992-1998	Orthomed Center, University of California San Diego, CA
1992-1998	Canadian Back Institute, Toronto, Ontario, Canada
1992	NASSCO Shipyards, San Diego, CA
1992	International Billing Services, Inc. Rancho Cordova, CA
1992	Chairperson, National Interdisciplinary Committee for Health Ergonomics
1991-1995	Injury Recovery Centers, Inc., Santa Ana, CA
1991-1995	Conejo Valley Healthcare Associates, Westlake, CA
1991-1995	Advanced Rehabilitation Concepts, Williamsburg, VA
1991	National Advisory Committee, Work Hardening Standards, Commission on Accreditation of Rehabilitation Facilities, Tucson, AZ
1989-1995	Loredan Biomedical, West Sacramento, CA
1988-1996	Work Evaluation Systems Technology, Fort Bragg, CA
1988-1994	Work Recovery Centers, Tucson, AZ
1988-1994	Commission on Accreditation of Rehabilitation Facilities Trustee and Member of Standards Committee, Tucson, AZ
1988-1990	PAR Center, Irvine Medical Center, Irvine, CA
1988-1989	American Academy of Orthopaedic Surgeons
1988	National Advisory Committee, Work Hardening Standards, Commission on Accreditation of Rehabilitation Facilities, Tucson, AZ
1986	Teledyne Corporation, City of Industry, CA
1986	Sunkist Growers Corporation, Ontario, CA
1985-1987	Occucare Health Centers, City of Industry, CA
1986	BDP/Carrier Corporation, City of Industry, CA
1986	Lithonia Corporation, City of Industry, CA
1985	General Dynamics Corporation, Ontario, CA
1984-1986	Mutual Amputee Aid Foundation
1983-1985	Productivity Rehabilitation Institute, Dallas, TX
1983-1985	Mercy Medical Center, Minneapolis, MN
1983-1985	Grant Hospital, Chicago, IL
1983-1985	Advanced Research Resources Organization, Bethesda, MD
1982-1988	Irene Walter Johnson Institute of Rehabilitation, Washington University School of Medicine, St. Louis, MO
1981-1983	William Beaumont Hospital, Detroit
1981	Northrop Corporation
1980-1985	Centinela Hospital Medical Center, Inglewood, CA
1980	Libbey Glass Company
1979-1983	Rehabilitation Research and Training Center On Aging at USC - Rancho Los Amigos Medical Center
1979-1983	Rancho Los Amigos Medical Center Vocational Services and Rehabilitation Department
1979-1983	Casa Colina Hospital for Rehabilitative Medicine
1979-1982	MEDATA Corporation
1979-1981	Downey Community Hospital

1979-1980	Weiser Lock/Norris Industries
1979-1980	Fremont Indemnity Company
1979	United States Steel/USX
1979-1980	American Can Company
1976-1978	Annenberg School of Communications, USC
1973-1981	California State Department of Rehabilitation

12. RESEARCH ACTIVITIES

2012 - Present	Faithful Brain Institute, St. Louis. Life to the Full Survey and Analysis of Character as a Determinant of Quality of Life. Principal Investigator.
2008 - 2009	Logan Chiropractic University, St. Louis. Development of New Methods to Predict Falls in Older Adults. Consultant.
2008 - 2009	Washington University School of Medicine, St. Louis. Development of Goal Attainment Scaling Methods in Young Adults with Sickle Cell Disease. Consultant.
2008 - 2009	Washington University School of Medicine, St. Louis. Concurrent Validation of the American Medical Association Method for Measuring Upper Extremity Impairment. Consultant.
2001 - Present	U.S. Spine & Sport Foundation / Vert Mooney Research Foundation. Development of New Methods to Measure Work Disability. Principal Investigator, Co- Principal Investigator.
2003 - 2008	Contract. Metro St. Louis. St. Louis Transit Access Center. Director
1999 - 2002	Sub-Contract. American Institutes for Research, Washington, DC. Disability Determination: Functional assessment of vocational behavior constructs. Principal Investigator. Funded by the U.S. Social Security Administration.
1998 - 1999	Sub-Contract. American Institutes for Research, Washington, DC. Development of Functional Assessment Measures Database for Disability Determination. Principal Investigator. Funded by the U.S. Social Security Administration.
1998	Sub-Contract. American Institutes for Research, Washington, DC. Synthesis, Integration, and Completion of Research into a New Disability Decision Making Process and Development of an Initial Prototype. Principal Investigator and Functional Assessment Team Leader. Funded by the U.S. Social Security Administration.

13. CLINICAL TITLES AND RESPONSIBILITIES

2007-2015	Consulting Psychologist, Center for Head Injury Services
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2005-2007	Consulting Psychologist & Vocational Evaluator Occupational Performance Center Rehabilitation Institute of St. Louis Washington University School of Medicine
2003-2005	Director, St. Louis Transit Access Center Washington University School of Medicine
2001-2007	Psychologist & Vocational Evaluator Director, Occupational Performance Center Rehabilitation Institute of St. Louis Washington University School of Medicine
1995-2002	Psychologist & Vocational Evaluator Director, Work Performance Clinical Laboratory Washington University School of Medicine
1989 - 2002	Psychologist & Vocational Evaluator PAR Center, Irvine Medical Center
1989 - 2005	Psychologist & Vocational Evaluator EPIC Human Performance Laboratory
1984 - 1989	Family Therapist, Psychologist, & Vocational Evaluator Employment and Rehabilitation Institute of California
1980 - 1984	Family Therapist & Vocational Evaluator American Rehabilitation Services
1973 - 1980	Psychologist & Vocational Evaluator Rancho Los Amigos Medical Center
1970 - 1973	Pre-Vocational Counselor Rancho Los Amigos Medical Center

14. TEACHING TITLE AND RESPONSIBILITIES

Psychological and Educational Assessment. Fall 2009 - Present
 Psychological Diagnosis Spring 2010 - Present
 Innovative OT Practice Models. Spring, 2002 - 2005.
 Applied OT Practice Skills. Spring, 2002 - 2005.
 Core Skills in OT/Communication. Fall, 2000 - 2004.
 Occupational Performance Assessment. Spring, 2000 - 2004.
 Functional Assessment. Spring, 1997 - 1999.
 Advanced Concepts of Measurement. Fall, 1996 & 1997.
 Policy Seminar. Spring, 1997 & 1998.
 Evaluating & Optimizing Work Environment. Fall, 1996.
 Principles and Perspectives in Occupational Health and Ergonomics. Fall, 1995.
 Evaluating Worker Performance. Spring, 1996.

Supervision of masters and doctoral projects.
Guest lecturer in Occupational Therapy curriculum.

Significant Doctoral Seminar Project Students and Topics

2015 Graduate

Kelly Maxwell Boundary Ambiguity Among Never-Married Single Women. St. Louis University, St. Louis.

2014 Graduate

Mark Pfeutze Development and validation of the Family Sexuality Scale in a Heterogenous Sample of Adult Males. University of Missouri, St. Louis.

2006 Graduates

Matthew Dodson Assessment of Return to Work Appropriateness for Individuals with Mild Brain Injury: A Pilot Study of a Neuroperformance Measure. Washington University School of Medicine, St. Louis.

Timothy Wolf Pilot Study to Validate the Complex Task Performance Assessment with Acquired Brain Injury. Washington University School of Medicine, St. Louis.

2004 Graduate

Benjamin Haynes A Test to Measure Self-Perceived Ability to Work: Generalized Work Function Questionnaire Development and Reliability Testing. Washington University School of Medicine, St. Louis.

2003 Graduate

Kelly Chapman Reliability of sustained performance tests in pre-placement screening for automobile assembly jobs. Washington University School of Medicine, St. Louis.

Masters Seminar Project Students and Topics

2005 Graduates

Jayne R. Eggum Spinal Cord Injury Driver Readiness Intervention and Exercise Program. Washington University School of Medicine, St. Louis.

Mark Showers Spinal Cord Injury Driver Readiness Intervention and Exercise Program. Washington University School of Medicine, St. Louis.

Cristy Tripp Expanding Community Practice: The Role of Occupational Therapy in Prison-Based Rehabilitation. Washington University School of Medicine, St. Louis.

Katie Hoffman Occupational Therapy Type Interventions within Correctional Settings. Washington University School of Medicine, St. Louis.

Sara Brockman	Prison-Based Occupational Rehabilitation: Occupational Deprivation and Incarceration. Washington University School of Medicine, St. Louis.
2004 Graduates	
Rebecca Siegel	The D.R.I.V.E. Program for persons with high level spinal cord injury: Driver Readiness Intervention and Exercise. Washington University School of Medicine, St. Louis.
Anne Trujillo	The D.R.I.V.E. Program for persons with high level spinal cord injury: Driver Readiness Intervention and Exercise. Washington University School of Medicine, St. Louis.
Elizabeth Blevins	The D.R.I.V.E. Program for persons with high level spinal cord injury: Driver Readiness Intervention and Exercise. Washington University School of Medicine, St. Louis.
Jonah Wetherill	Structured Work Activity Groups as Indicators of Return to Work Readiness for Persons with ABI. Washington University School of Medicine, St. Louis.
2003 Graduates	
Rose Dunphy	Traumatic brain injury and return to work prediction: problems with current practices and a new clinical alternative. Washington University School of Medicine, St. Louis.
Caron Majerczyk	Continuous speech recognition: Usage during hospitalization for person with cervical spinal cord injuries. Washington University School of Medicine, St. Louis.
Lisa Martin	Evaluating the ability to return to work after brain injury. Washington University School of Medicine, St. Louis.
2002 Graduates	
Angie Crites	Refinement and reliability testing of the <i>Feasibility Evaluation Checklist</i> , and development of the <i>Feasibility Evaluation Checklist Examiner's Manual</i> . Washington University School of Medicine, St. Louis.
Tarah Mannery	Refinement and reliability testing of the <i>Feasibility Evaluation Checklist</i> , and development of the <i>Feasibility Evaluation Checklist Examiner's Manual</i> . Washington University School of Medicine, St. Louis.
Betsy Hawkins-Chernoff	Development of the <i>Continuous Speech Recognition Clinician's Manual</i> . Washington University School of Medicine, St. Louis.

Tasha Smith	Development of the <i>Continuous Speech Recognition Clinician's Manual</i> . Washington University School of Medicine, St. Louis.
Sue Tucker	Development of the <i>Continuous Speech Recognition Clinician's Manual</i> . Washington University School of Medicine, St. Louis.
2001 Graduates	
Rebecca Bonner	Integration of self-report, performance, and observation in the functional assessment of handling tasks. Washington University School of Medicine, St. Louis.
Kelly Chapman	Reliability of sustained performance tests in pre-placement screening for automobile assembly jobs. Washington University School of Medicine, St. Louis.
Teresa Dirk	Integration of self-report, performance, and observation in the functional assessment of walking, carrying and climbing tasks. Washington University School of Medicine, St. Louis.
Tawanna Jackson	Cognitive behavioral occupational therapy groups with persons who are chronically disabled due to low back pain. Washington University School of Medicine, St. Louis.
Kathryn Mize	Efficacy of continuous speech recognition computer technology with persons who have severe dysarthria. Washington University School of Medicine, St. Louis.
Erin Murakami	Concurrent validity of self-report measures in treatment of low back pain. Washington University School of Medicine, St. Louis.
Jim Vugteveen	Integration of self-report, performance, and observation in the functional assessment of wheelchair mobility tasks. Washington University School of Medicine, St. Louis.
2000 Graduates	
Sharryl Alexander	Relationships between leisure pursuits and hand strength in older adults. Washington University School of Medicine, St. Louis.
Dawn Brown	Concurrent validity of the Milliken ADL Scale. Washington University School of Medicine, St. Louis.

Joanna Penny	The effect of diagnosis on functional capacity evaluation and return to work. Washington University School of Medicine, St. Louis.
Lisa Rogers	Reliability of three measures of upper extremity function. Washington University School of Medicine, St. Louis.
Carla Walker	Normative study of grip and pinch strength in the older adult population. Washington University School of Medicine, St. Louis.
1999 Graduates	
Damon Borelli	Concurrent validity of the Milliken ADL Scale. Washington University School of Medicine, St. Louis.
Katherine Cummings	Development of the Work Task Sort – Sensory-Perceptual. Washington University School of Medicine, St. Louis.
Cheryl McDonald	Development of the Work Task Sort – Physical. Washington University School of Medicine, St. Louis.
Robin Mitan	Development of the Work Task Sort – Cognitive-Intellectual. Washington University School of Medicine, St. Louis.
Meredith Payne	Development of the Work Task Sort – Interpersonal. Washington University School of Medicine, St. Louis.
Charles Stapinski	Development of the Work Task Sort – Vocational. Washington University School of Medicine, St. Louis.
1998 Graduates	
Gayle Allenback	Pre-employment screening for upper extremity continuous trauma disorders. Washington University School of Medicine, St. Louis.
Justine Broome	Transitional housing and employment for persons with psychiatric disability. Washington University School of Medicine, St. Louis.
Jillian Duncan	Stability of occupational goals for persons with psychiatric disability. Washington University School of Medicine, St. Louis.
Courtney Gehrke	Occupational therapy and employment for adolescents with disabilities. Washington University School of Medicine, St. Louis.

Stacy Hightower	Occupational therapy and employment for adolescents with disabilities. Washington University School of Medicine, St. Louis.
Melanie Lorenzo	The identification of affordances of homeless women: A pilot study. Washington University School of Medicine, St. Louis.
Daniella Mada	Construct validation of the Hand Function Sort. Washington University School of Medicine, St. Louis.
Melissa Neis	Normative study of grip and pinch strength. Washington University School of Medicine, St. Louis.
Vaunasha Wallace	Development of the Washington University Employment Feasibility Questionnaire. Washington University School of Medicine, St. Louis.

15. BIBLIOGRAPHY

a. Peer Reviewed Publications

1. Matheson LN, Verna JL, Dreisinger TE, Leggett S, Mayer JM. Age and gender normative data for lift capacity. *WORK: A Journal of Prevention Assessment and Rehabilitation*. 2014, 42(3) p 342-53.
2. Verna JL, Matheson LN, Gables S, Hause R, Mayer JM. Development and reliability testing of Spanish language and English language versions of the multidimensional task ability profile. *J Occup Rehabil*. 2013 Jun;23(2):220-7.
3. Matheson LN, Dodson M, Wolf T. Executive Dysfunction and Work: Tying It All Together. *Work SIS Quarterly*. 2011, 25(1) p1-4.
4. Chapman-Day KM, Matheson LN, Schimanski D, Leicht J, DeVries L. Preparing difficult clients to return to work. *WORK: A Journal of Prevention Assessment and Rehabilitation*. 2011, 40(4) p 359-67.
5. Mooney V, Matheson LN, Verna J, Leggett S, Dreisinger TE, Mayer JM. Performance-Integrated Self-Report Measurement of Physical Ability. *The Spine Journal*. 2010, 10(1) p433-440.
6. Matheson LN. Executive Dysfunction, Severity of Traumatic Brain Injury, and IQ in Workers with Disabilities. *WORK: A Journal of Prevention Assessment and Rehabilitation*. 2010, 36(4) p413-422.
7. Matheson LN, Mayer J, Mooney V, Sarkin A, Dreisinger T, Verna V, Leggett S. A method to provide a more efficient and reliable measure of

self-report physical work capacity for patients with spinal pain. *Journal of Occupational Rehabilitation*. Mar 2008, 18(1) p46-57.

8. Wolf T, Morrison MT, Matheson LN. Initial development of a work-related assessment of dysexecutive syndrome: the Complex Task Performance Assessment. *WORK: A Journal of Prevention Assessment and Rehabilitation*. 2008, 31(2) p221-8.
9. Dodson, MB and Matheson, LN. The effects of brain injury on worker competence. (2007). The effects of brain injury on worker competence. *Occupational Therapy Practice*, 12(7).
10. Mayer JM, Mooney V, Matheson LN, Erasala GN, Verna JL, Udermann BE, Leggett S. (2006). Continuous low-level heat wrap therapy for the prevention and treatment of delayed onset muscle soreness of the low back muscles. *Archives of Physical Medicine and Rehabilitation*, 2006;10.
11. Matheson LN, Melhorn MJ, Mayer TG, Theodore BR, Gatchel RJ. (2006). Reliability of a visual analog version of the QuickDASH. *Journal of Bone and Joint Surgery*. 88:1782-1787.
12. Seaton M., Groth G., Matheson L., Feely C. (2005) Reliability and Validity of the Milliken Activities of Daily Living Scale. *Journal of Occupational Rehabilitation*. 15(3), 343-351.
13. Mayer JM, Ralph L, Look M, Erasala GN, Verna JL, Matheson LN, Mooney V. (2005). Treating acute low back pain with continuous low-level heat wrap therapy and/or exercise: A randomized controlled trial. *The Spine J*. 5(4).
14. Mayer JM, Mooney V, Matheson LN, Leggett S, Verna JL, Balourdas G, DeFilippo G. (2005). The reliability and validity of a new computerized pictorial activity and task sort. *Journal of Occupational Rehabilitation*. 15(2):185-95.
15. Matheson, L. (2004). History, design characteristics, and uses of the pictorial activity and task sorts. *Journal of Occupational Rehabilitation*. 14(3), 175-195.
16. Mayer JM, Mooney V, Verna J, Udermann BE, Matheson LN, Dreisinger TE. (2003). Reliability and validity of the Multidimensional Task Ability Profile. *Medicine & Science in Sports & Exercise*. 35(5) Supplement 1:S144, May 2003.
17. Robinson RC. Kishino N. Matheson L. Woods S. Hoffman K. Unterberg J. Pearson C. Adams L. Gatchel RJ. (2003) Improvement in postoperative and non-operative spinal patients on a self-report measure of

disability: the Spinal Function Sort. *Journal of Occupational Rehabilitation*. 13(2):107-113.

18. Matheson, L. (2003). Commentary: Functional outcome in trauma patients with spinal injury. *Spine*. 28(2):105-6.
19. Matheson, L., Leggett, S., Mooney, V., Schneider, K., & Mayer, J. (2002). Contributions of aerobic fitness and back strength to lift capacity. *Spine*, 27(11), 1208-1212.
20. Matheson, L., Rogers LC, Kaskutas V, Dakos M. (2002). Reliability and reactivity of three new functional assessment measures. *WORK: A Journal of Prevention Assessment and Rehabilitation*, 18, 41-50.
21. Matheson, L., Isernhagen, S., & Hart, D. (2002). Relationship between lifting ability and grip force and return to work. *Physical Therapy*, 82(3), 249-256.
22. Gaudino, E., Matheson, L., & Mael, F. (2001). Development of the Functional Assessment Taxonomy. *Journal of Occupational Rehabilitation*, 11(3), 155-175.
23. Matheson, L. (2001). Disability methodology redesign: Considerations for a new approach to disability determination. *Journal of Occupational Rehabilitation*, 11(3), 135-142.
24. Matheson, L., Kane, M., & Rodbard, D. (2001). Development of new methods to determine work disability in the United States. *Journal of Occupational Rehabilitation*, 11(3), 143-154.
25. Matheson, L., Kaskutas, V., McCowan, S., Shaw, H., & Webb, C. (2001). Development of a database of functional assessment measures related to work disability. *Journal of Occupational Rehabilitation*, 11(3), 177-199.
26. Matheson, L, Kaskutas V, Mada, D. (2001). Development and construct validation of the Hand Function Sort. *Journal of Occupational Rehabilitation*, 11(2), 75-86.
27. Matheson, L., Gaudino, E., Mael, F., & Hesse, B. (2000). Improving the validity of the impairment evaluation process: A proposed theoretic framework. *Journal of Occupational Rehabilitation*, 10(4), 311-320.
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b. Selected Invited Publications

1. Dodson, M., Matheson, L. (2007). The effects of brain injury on worker competence. *Occupational Therapy Practice*, 12(7), CE1-7.
2. Hanson, M., Matheson, L. (2007). The O*NET Occupational Information System. In B. Bolton (Ed.), *Handbook of measurement and evaluation in rehabilitation* (4th ed). Gaithersburg, MD: Aspen Publishers.
3. Matheson, L. (2003). The functional capacity evaluation. In G. Andersson & S. Demeter & G. Smith (Eds.), *Disability Evaluation*. 2nd Edition. Chicago, IL: Mosby Yearbook.
4. Matheson, L., Mooney, V. (2002). Pre-Placement Screening. In C. Liebenson (Ed.), *Rehabilitation of the spine: A practitioner's manual*. 2nd Edition. Baltimore, MD: Lippincott Williams & Wilkins.
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Measuring Occupational Performance (pp. 103-120). Thorofare, NJ: Slack.

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methodology: A literature review of functional assessment and related construct taxonomies. Washington D.C.: American Institutes for Research.

16. Gaudino, E., Mael, F., & Matheson, L. (1999b). A literature review: Functional assessment and related construct taxonomies. Washington, DC: American Institutes for Research.
17. Gaudino, E., Matheson, L., & Mael, F. (1999). Final report: Development of a functional assessment taxonomy for work disability. Washington, DC: American Institutes for Research.
18. Matheson, L. (1998a). Psychosocial issues. In P. King (Ed.), *Sourcebook of Occupational Rehabilitation*. New York: Plenum Press.
19. Matheson, L. (1998b). Engaging the person in the process: Planning together for occupational therapy intervention. In M. Law (Ed.), *Client Centered Occupational Therapy* (pp. 107-121). Thorofare, NJ: Slack, Inc.
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33. Matheson, L. (1994b). An introduction to the evaluation of lift capacity in functional capacity evaluation. In C. Liebenson (Ed.), *Rehabilitation of the spine: A practitioner's manual*. Baltimore, MD: Williams & Wilkins.
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71. Matheson, L. (1988h). National services survey: Work hardening in the United States. *IRQ*, 1(4), 12-17.
72. Matheson, L. (1988i). How do you know that he tried his best? Reliability crisis in industrial rehabilitation. *Industrial Rehabilitation Quarterly*, 1(1), 1, 11-12.
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74. Matheson, L. (1984a). *Work Capacity Evaluation: Interdisciplinary Approach to Industrial Rehabilitation*. Anaheim, CA: Employment and Rehabilitation Institute of California.
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79. Matheson, L. (1977). *Safe limits: Vocational potential of individuals with impaired myocardial function*. In C. Dye (Ed.), *The Cardiovascular System*. Los Angeles: Medical Rehabilitation Research and Training Center, University of Southern California School of Medicine.

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 81. Matheson, L. (1975). Conversations with Frank: A cardiac transplant patient looks at life, death, and the helping professions. Los Angeles, CA: Department of Allied Health Sciences, Division of Community Medicine.
- c. Test Equipment and Test Procedures
1. Matheson L., Seaton M.K., Kaskutas V. (2005). Structured Work Activity Group #2 – Geppetto’s Workshop. Washington University School of Medicine Program in Occupational Therapy.
 2. Matheson L., Seaton M.K., Kaskutas V. (2003). Structured Work Activity Group #1 – St. Francis International Library. Washington University School of Medicine Program in Occupational Therapy.
 3. Matheson L, Mayer J, Mooney V, Verna J, Leggett S. (2001) Multidimensional Task Ability Profile. U. S. Spine & Sport Foundation. San Diego, California.
 4. Mooney, V, Matheson, L, Leggett S. Upper Extremity Functional Capacity Protocol. Orthomed Research Foundation. San Diego, California, 1995.
 5. Mooney, V, Matheson, L. California Functional Capacity Protocol. Orthomed Research Foundation. San Diego, California, 1994.
 6. Matheson, LN. EPIC 2 Motor Coordination and Finger Dexterity Test. Employment Potential Improvement Corporation. Santa Ana California, 1994.
 7. Matheson, LN. Hand Function Sort. Employment Potential Improvement Corporation. Santa Ana California, 1994.
 8. Matheson, LN. EPIC 3 Manual Dexterity Test. Employment Potential Improvement Corporation. Santa Ana California, 1993.
 9. Matheson, LN. EPIC 1 Lift Capacity Test. Employment Potential Improvement Corporation. Santa Ana California, 1993.
 10. Matheson LN, Anzai D, Niemeyer L, Grant J. LIDO WorkSet Isometric, Isokinetic and Dynamic Work Task Simulation Protocols. Employment and Rehabilitation Institute of California, 1990.

11. Matheson, LN. Spinal Function Sort. Performance Assessment and Capacity Testing. Mission Viejo, California, 1989.
12. Matheson, LN, Niemeyer LO, and Carlton, RS. Maximum Voluntary Effort Repeated Measures Protocol. Employment and Rehabilitation Institute of California, 1985.
13. Matheson, LN. WEST Tool Sort. Work Evaluation Systems Technology, Huntington Beach, CA, 1983.
14. Matheson, LN, and Niemeyer LO. Work Tolerance Screening. Employment and Rehabilitation Institute of California, 1982.
15. Matheson, LN. WEST 4 Upper Extremity Strength. Work Evaluation Systems Technology, Huntington Beach, CA, 1982.
16. Matheson, LN. WEST Standard Evaluation. Work Evaluation Systems Technology, Huntington Beach, CA, 1981.

d. Selected Invited Presentations

1. Matheson LN. mTBI Pathology and Impairment. Walter Reed National Military Medical Center, Bethesda, MD September 2011.
2. Matheson LN. Differentiating mTBI from PTSD, Malingering, and Symptom Magnification Syndrome. Walter Reed National Military Medical Center, Bethesda, MD September 2011.
3. Matheson LN. Handling mTBI in the Presence of Polytrauma. Walter Reed National Military Medical Center, Bethesda, MD September 2011.
4. Matheson LN. Orientation to Work Simulation and Situational Assessment. Walter Reed National Military Medical Center, Bethesda, MD September 2011.
5. Matheson LN. Executive Dysfunction and mTBI. Blanchfield Army Hospital Warrior Recovery & Resiliency Center. Ft. Campbell, KY, May 2011.
6. Matheson L, Sarkin A, Mayer J, Mooney V, Verna J, Leggett S. Calibration of the Difficulty of Work Activities and Activities of Daily Living for Patients with Spinal Pain. Poster presentation at the North American Spine Society, Austin TX, September 2007.
7. Matheson LN. Stewardship: Rehabilitation for the 21st Century (Keynote). Rhode Island Workers' Compensation Annual Conference. Providence, Rhode Island. November 2, 2006.

8. Matheson LN. Using FCE to Minimize Your Exposure to Symptom Magnification Syndrome. SEAK National Worker's Compensation & Occupational Medicine Conference. July 18, 2006.
9. Mooney V, Mayer JM, Verna JL, Matheson LN. Improvements in self-reported functional ability following an exercise program for spinal disorders. Podium presentation at North American Spine Society Conference, Philadelphia, October 2005.
10. Mayer JM, Mooney V, Verna JL, Matheson LN. How do you know when a patient is better? Poster presentation at the North American Spine Society Annual Meeting, Seattle, WA, September 2006.
11. Matheson LN. Chronic Pain and Disability in Return to Work Venues. Ryan Associates National Web Seminar, August 9, 2005
12. Matheson LN, Kaskutas V, Seaton M, Wolf T, Dodson T, Turley D. SWAG: Using Graded Work Tasks in Occupational Therapy Treatment. Program in Occupational Therapy, Washington University School of Medicine, Presented at the American Occupational Therapy Association Work Special Interest Section Annual Meeting. April 16, 2005.
13. Matheson LN. Functional Capacity Evaluation: Improving Outcomes & Minimizing Risks. Crozer-Chester Medical Center, Pittsburgh PA, October 27, 2004.
14. Matheson LN. Symptom Magnification Syndrome. Midwest States Occupational Medicine Physicians Annual Meeting, St. Louis. September 10, 2004.
15. Matheson LN. Vocational Implications of Brain Injury. West Virginia Brain Injury Association Annual Seminar, Morgantown, WV, April 23, 2004.
16. Matheson LN, Kaskutas V, Seaton M, Baum C. Work Rehabilitation for Occupational Therapists: Part 1 - Basic Assessment. WebEx Distance-Based Educational Programming, August 7, 2003.
17. Matheson LN, Kaskutas V, Seaton M. Work Rehabilitation for Occupational Therapists: Part 2 - Advanced Assessment and Intervention. WebEx Distance-Based Educational Programming, August 28, 2003.
18. Matheson LN. Evaluation of Self-Report Assessment of Function. Ergonomics & Musculoskeletal Disorders Conference. Berkeley, CA, December 13, 2002.
19. Matheson LN. Measurement of Disability: Documentation of Benefit. US Annual Spine & Sport Symposium. La Jolla, CA, October 26, 2002.

20. Matheson LN. Functional Capacity Evaluation for Return to Work after Minimally Invasive Spinal Surgery. World Congress Minimally Invasive Spinal Medicine and Surgery. Las Vegas, NV, December 2001.
21. Matheson LN. An Evolving Model of Work Disability Assessment. Association of Designated Assessment Centres Annual Conference. Toronto, ONT, CAN, November 2000.
22. Matheson LN. Effort Evaluation in Disability Assessment. Association of Designated Assessment Centres Annual Conference. Toronto, ONT, CAN, November 2000.
23. Matheson LN. How can you measure functional capacity? US Annual Spine & Sport Symposium. San Diego, CA, July 2000.
24. Matheson LN. Getting Employed and Staying Employed. Living with Disability: Exploring the Aging Process Conference. San Diego, CA, February 1998.
25. Matheson LN. Early Return to the Workplace. Seventeenth Annual Occupational Spinal Disorders Conference. Calgary, Alberta, Canada, September 1996.
26. Matheson LN. Effect of Cultural Barriers on Treatment. Seventeenth Annual Occupational Spinal Disorders Conference. Calgary, Alberta, Canada, September 1996.
27. Matheson LN. Objective Measurement of Illness Behavior. McKenzie International Annual Conference. San Diego, CA, July 1996.
28. Matheson LN. Meeting Employers' Needs: Matching Injured Worker Performance to Job Demands. St. Louis, MO, March 1996.
29. Matheson LN. The Importance of Returning to Work with Pain. Sixteenth Annual Occupational Spinal Disorders Conference. Toronto, Ontario, Canada, September 1995.
30. Matheson LN. Objective measurement of soft tissue injuries. Spine and Strength Symposium, University of California San Diego, San Diego, CA, July, 1995.
31. Matheson, LN. Standardized disability rating and functional self-perception. American Academy of Disability Evaluation Physicians. Las Vegas, Nevada, February, 1995.

32. Matheson, LN. Symptom Magnification Syndrome. American Academy of Disability Evaluation Physicians Annual Scientific Conference. Orlando, Florida, November, 1994.
33. Matheson, LN. Tools for Managed Care. Fifteenth Annual Occupational Spinal Disorders Conference. Atlanta, Georgia, September, 1994.
34. Matheson, LN. Functional Capacity Evaluation. Fifteenth Annual Occupational Spinal Disorders Conference. Atlanta, Georgia, September, 1994.
35. Matheson, LN. Job Analysis. American Academy of Physical Medicine and Rehabilitation National Conference. Anaheim, California, October, 1994.
36. Matheson, LN. Evaluation of work performance and effort using vocational measures. The Sports Medicine Approach to Spinal Disorders in the Workplace. Pittsburgh, Pennsylvania, October, 1993.
37. Matheson, LN. Effort assessment in quantitative testing. Occupational Spinal Disorders: Primary, Secondary and Tertiary Care & Prevention, PRIDE Research Foundation, Dallas, TX, October, 1992.
38. Matheson, LN. Job matching and vocational options after medical rehabilitation. Occupational Spinal Disorders: Primary, Secondary and Tertiary Care & Prevention, PRIDE Research Foundation, Dallas, TX, October, 1992.
39. Matheson, LN. Why people don't go back to work. Spine and Strength Symposium, University of California San Diego, San Diego, CA, July, 1992.
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