

**Curriculum Vitae**  
**Lynn M. Maher, Ph.D.**

Dept. of Communication Sciences and Disorders  
University of Houston  
100 Clinical Research Center  
Houston, Texas 77204-6018

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**Education**

1987-1995 Ph.D., University of Florida, Gainesville, FL  
Dissertation: Praxis and the Right Hemisphere  
1978-1979 M.A., George Washington University, Washington DC  
1974-1978 B.A., The Catholic University of America, Washington DC

**Certification and Licensure**

2000-Present Licensure, Texas State Board of Examiners in Speech-Language Pathology  
1993-2000 Licensure, Georgia Board of Examiners in Speech-Language Pathology  
1980-Present Certificate of Clinical Competence in Speech-Language Pathology, American  
Speech-Language-Hearing Association

**Awards and Honors**

2020,18,16, ACE: Award for Continuing Education, American Speech-Language-  
13,12,10,9,7,4, Hearing Association  
1998, 96  
2014 Provost Excellence Award, University of Houston  
2013 Fellow, American Speech-Language-Hearing Association  
2006 Certificate of Appreciation, Brain Injury Association of Indiana  
2003 Special Recognition Award, VA Association of Speech Language Pathologists  
2002 Certificate of Appreciation, American Speech-Language-Hearing Association  
1999 Certificate of Appreciation, Georgia Speech-Language-Hearing Association  
1994 Department of Veterans Affairs, Outstanding Rating Certificate

**Academic/Research Appointments**

2018-present Professor, University of Houston, Department of Communication Sciences and  
Disorders, Houston, TX  
2008-present Executive Director, University Speech-Language-Hearing Clinic, Department of  
Communication Sciences and Disorders, Houston, TX  
2006-2018 Chair, University of Houston, Department of Communication  
Sciences and Disorders, Houston TX  
2007-present Adjunct Professor of Psychology, Rice University, Houston, TX  
2006-2011 Adjunct Professor, University of Oslo, Department of Special Education, Oslo,  
Norway  
2002-2006 Adjunct Associate Professor, University of Houston, Department of  
Communication Sciences and Disorders, Houston, TX  
2000-2008 Associate Professor, Baylor College of Medicine, Department of Physical  
Medicine and Rehabilitation, Houston, TX  
2001-2010 Research, Health Science Specialist, Michael E. DeBakey VA Medical Center,  
Rehabilitation Research and Development, Houston, TX  
2002-2008 Investigator, VA Medical Center, Brain Rehabilitation Research Center,  
Gainesville, FL

- 2000 Associate Professor, Georgia State University, Department of Educational Psychology and Special Education, Atlanta, GA
- 1995-2000 Assistant Professor, Georgia State University, Department of Educational Psychology and Special Education, Atlanta, GA

### **Non-Academic Positions**

- 1993-1995 Speech-Language Pathologist, Audiology and Speech Service, VA Medical Center, Atlanta, GA
- 1992-1993 Research Associate, VA Medical Center, Gainesville, FL
- 1988-1992 Graduate Research Assistant, Dept. of Neurology, University of Florida, Gainesville, FL
- 1987-1988 Speech Pathology Trainee, Doctoral Level, VA, Medical Center, Gainesville, FL
- 1987 Graduate Research Assistant, Dept. of Communication Processes and Disorders, University of Florida, Gainesville, FL
- 1984-1986 Speech-Language Pathologist and Coordinator of the Joseph Freeman Hearing and Speech Center, Cedars Medical Center, Miami, FL
- 1982-1984 Speech-Language Pathologist, Department of Neurological Surgery, University of Miami, Miami, FL
- 1981-1982 Speech-Language Pathologist, Jackson Memorial Hospital, Miami, FL
- 1980-1981 Speech-Language Pathologist, Prince Georges County Public Schools/ Montgomery County Public Schools, MD
- 1979-1980 Clinical Fellowship Year, Children's Hospital National Medical Center, Washington, DC

### **Research/Grant Support (Funded or pending)**

- 2020-2023 Co-Investigator, DoD, *Using Transcranial Direct Current Stimulation to Reveal Mechanisms of Language Loss and to Treat Progressive Aphasia Associated with FTD and Related Dementias*. (Hamilton; Sub award with University of Pennsylvania Perelman School of Medicine/University of Houston), \$30,081.
- 2019-2024 Co-Investigator, NIH/NIA, *Treating Primary Progressive Aphasia and Elucidating Neurodegeneration in the Language Network Using Transcranial Direct Current Stimulation*. R01 AG059763 (Hamilton; Sub award with University of Pennsylvania Perelman School of Medicine/University of Houston), \$47,565.
- 2018-2023 Co-Investigator, NIH/NIDCD, *Transcranial Magnetic Stimulation for Aphasia: Efficacy and Neural Basis*. 1 R01 DC0116800-01A1 (Coslett; Sub award with University of Pennsylvania Perelman School of Medicine/University of Houston), Total projected budget: \$45,805.
- 2016-2020 Co-Investigator, NIH/NIDCD, *Language and neural recovery from stroke: Role of selection and working memory*. 1R01DC014976-01 (Schnur; Sub-award with Baylor College of Medicine/University of Houston), Total projected budget: \$24,597.
- 2008-2019 Principal Investigator, Fixed Price Public Services Grant, *Audiology and Speech-Language Pathology services*, United Way of Greater Houston. Supports services provided through the University Speech-Language-Hearing Clinic (Executive Director), renewed annually \$176,787 in 2018.

- 2004-2009 Co-Principal Investigator, NIH/NINDS, *Functional Brain Reorganization in Stroke Recovery Project 1: Brain Plasticity and Recovery in Aphasia after Stroke* (Program Project Grant submitted through University of Texas: Subcontract with Baylor College of Medicine/University of Houston), \$182,775.
- 2003-2006 Principal Investigator, VA RR&D, *An Investigation of Constraint Induced Language Therapy for Treatment of Aphasia*, \$608,848.
- 2000-2004 (no-cost extension through 2005) Project Principal Investigator for Subproject 3 (Program Project Grant submitted through the University of Florida: Subcontract with Baylor College of Medicine), NIH/NINDS, *Treatment of Aphasia and Related Disorders: Subproject 3: Contrasting Treatment for Sentence Production Deficits*, \$307,247.
- 2001-2003 Principal Investigator, VA RR&D, *Intensive Speech-focused Treatment for Chronic Aphasia*, \$99,500.
- 1999 Principal Investigator, College Education: GRA Support for Faculty Research, *Contrasting Treatment for Sentence Production Deficits*, \$2,400.
- 1998 Co-Investigator, GSU Research Program Enhancement Grant, *Reading Disabilities and Related Disorders*, \$70,000.
- 1996 Principal Investigator, Georgia State University Faculty Mentoring Grant, *Treatment of Sentence Production Deficits (Agrammatism): Restitutive versus Vicariative Approaches*, \$10,000.

### **Other Support**

- 2016 Delphians, Award for student clinic materials. \$900
- 2012 Delphians, Award for classroom technology materials \$1,000
- 2011 Delphians, Award for ASLI materials \$1,000
- 2010 Delphians, Award for Aphasia Clinical Program materials \$1,086.00

### **Journal Reviews**

- 2018-present Editorial Board Member, American Journal of Speech-Language Pathology
- 1999-present Ad-hoc reviewer for various professional journals including: Neuropsychologia, Aphasiology, Journal of Rehabilitation, Research and Development, Journal of the International Neuropsychological Society, Frontiers in Bioscience Online Journal Medical Journal of Speech-Language Pathology, Journal of Speech-Language-Hearing Research, Neuropsychological Rehabilitation

### **Review Panels**

- 2012 Department of Veterans Affairs Rehabilitation Research and Development Service Scientific Review subcommittee
- 2003-2007 Department of Veterans Affairs Rehabilitation Research and Development Service Scientific Career Development Review subcommittee
- 2004,2008 Department of Veterans Affairs Rehabilitation Research and Development Service Merit Review subcommittee; ad-hoc reviewer
- 2002, 2003 NIH/NIDCD Study Sections, Small Grants Program, Outside reviewer
- 2003, 2006 NIH, NIDCD Special Panel Reviewer
- 2003 ASHA Special Interest Division 2, Level 2 Grant reviewer

2002 ASHA Minority Student Leadership Program  
2001 ASHA Minority Research Fellow Scholarship Program Research Institute  
2001 Continuing Education Program on Diagnosis and Treatment of Alexia

### **Professional Societies**

International:

International Neuropsychological Society  
Academy of Aphasia

National:

American Speech-Language-Hearing Association (ASHA)  
American Congress of Rehabilitation Medicine (ACRM)  
Academy for Neurogenic Communication Disorders (ANCDs)  
ASHA Special Interest Division 2, Neurophysiology and Neurogenic Speech and  
Language Disorders

State/Local:

Texas Speech-Language-Hearing Association  
Houston Association of Communication Disorders

### **Service**

#### **Department**

2006-2018 Department Chair  
2019-present PhD Committee

#### **University**

2019-present Faculty Senate, Research and Scholarship Committee  
2017-present Medical Education Committee: Sub-Committee chair; Admissions and Student  
Affairs  
2016-present Member, Internal Advisory Committee for College of Medicine  
2008-2009 Chancellor's Strategic Action Group (SAG) member; Chair of Community  
Advancement sub-committee  
2009-2010 Chair, GCSW Dean review Committee  
2010, 11, 12 Member, John and Rebecca Moores Professor Selection Committee

#### **Professional**

2018-present Research Committee Chair, Texas Speech-Language-Hearing Foundation  
2019 Reviewer, ASHA Foundation Research Awards  
2018-present Member, Stroke Special Interest Group, American Congress Rehabilitation  
Medicine  
2017-2019 Honors Committee, Member, Academy of Neurologic Communication Disorders &  
Sciences  
2008-2017; 2019-present Member, Houston Aphasia Recovery Center Board of Directors  
2008-present Professional Advisory Board, Houston Aphasia Recovery Center  
2016-present Member, Texas Children's Health Plan Clinical & Administrative Advisory  
Committee and Pharmacy, Therapeutics & Technology Committee

Lynn M. Maher, Ph.D.

- 2008-2018 Member, Board of Directors, Houston Aphasia Recovery Center
- 2010-2011 Vice President for Professional Development, Council of Academic Programs in Communication Sciences and Disorders
- 2009-present Council of Academic Programs in Communication Sciences and Disorders  
Program committee: Chair for 2011 meeting
- 2013,12,06,05,02 ASHA Adult Language Disorders Program Committee
- 2009 Chair, Language Science group, ASHA Convention Program Committee
- 2008-present Professional Advisory Board, Houston Aphasia Recovery Center (HARC)
- 2007-2010 Academy of Aphasia Program Committee
- 2007-2008 Member At-Large, Academy of Neurogenic Communication Disorders and Sciences
- 2004-2006 Continuing Medical Education Committee, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine
- 2003-2006 Institutional Review Board Committee Member, Baylor College of Medicine
- 2002-2006 Michael E. DeBakey Research and Development Committee
- 2002-2006 Research Committee, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine
- 2002, 03, 06-8 International Neuropsychological Society Convention Program Committee
- 2000-2003 Chair, Committee to Review ASHA Cognitive Communication Documents
- 1999-2002 Coordinator, ASHA Special Interest Division 2, Neurophysiology and Neurogenic Speech and Language Disorders
- 1997-1998 Steering Committee, ASHA Special Interest Division 2, Neurophysiology and Neurogenic Speech and Language Disorders
- 1996-2000 Shepherd Center Research Review Committee
- 1986 Past President, Miami Association of Communication Sciences
- 1985 President, Miami Association of Communication Sciences
- 1984 President-Elect, Miami Association of Communication Sciences

### **Publications (Peer-reviewed)**

- Zafer, K., Dehgan, M.W., Shadravan, S., Yozbatiran, N., **Maher, L.M.**, Francisco, G.E. (2017). Safety of Dextroamphetamine combined with transcranial direct current stimulation in chronic post-stroke non-fluent aphasia. *American Journal of Physical Medicine & Rehabilitation*.
- Kirmess, K., **Maher, L.M.** (2010). Constraint induced language therapy in early aphasia rehabilitation. *Aphasiology*, 24:6, 725-736.
- Breier, J.L., Randle, S., **Maher, L.M.**, Papanicolaou, A. (2010). Changes in maps of language activity activation following melodic intonation therapy using magnetoencephalography: Two case studies. *Journal of Clinical and Experimental Neuropsychology*, 32, 309-314.
- Breier J.I., Juranek J., Schmadeke S., **Maher L.M.**, Papanicolaou A.C. (2009) Behavioral and neurophysiological response to therapy for chronic aphasia. *Archives of Physical Medicine and Rehabilitation*, 12, 2026-2033.
- Raymer, A.M., Beeson, P., Holland, A., **Maher, L.M.**, Martin, N., Murray, L., et al. (2008). Translational research in aphasia: From neuroscience to neurorehabilitation. *Journal of Speech-Language-Hearing Research*.

- Breier, J., **Maher, L.M.**, Schmadeke, S., Hasan, K.M., Papanicolaou, A. (2007). Changes in language-specific brain activation after therapy for aphasia using magnetoencephalography: a case study. Neurocase, *13*, 169-177.
- Maher, L.M.**, Kendall, D., Swearingin, J.A., Rodriguez, A., Leon, S.A., Pingel, K., Holland, A., Gonzalez Rothi, L.J. (2006). A pilot study of use-dependent learning in the context of Constraint Induced Language Therapy. Journal of the International Neuropsychological Society, *12*, 843-852.
- Breier, J., **Maher, L.M.**, Castillo, E., Novak, B., Papanicolaou, A. (2006). Functional imaging before and after constraint induced language therapy for aphasia using magnetoencephalography. Neurocase *12*, 322-331.
- Wierenga, C.E., **Maher, L.M.**, Moore, A.B., Swearingin, J., Soltysik, D.A., Peck, K., Gopinath, K.S., Singletary, F., Rothi, L.J.G., Briggs, R.W., Crosson, B. (2006). Neural substrates of syntactic mapping treatment: An fMRI study of two cases. Journal of the International Neuropsychological Society, *12*, 132-146.
- Blonder, L.X., Heilman, K.M., Ketterson, T., Rosenbeck, J., Raymer, A., Crosson, B., **Maher, L.**, Glueckauf, R., Gonzalez Rothi, L.J. (2005). Affective expression in the conversational discourse of stroke patients. Journal of the International Neuropsychological Society, *11*, 677-685.
- Maher, L.M.**, Raymer, A.M. (2004). Management of anomia. Topics in Stroke Rehabilitation, *11*, 10-21.
- Breier, J.I., Castillo, E.M., Boake, C., Billingsley, R.L., **Maher L.M.**, Francisco, G.E., Papanicolaou, A.C. (2004). Spatiotemporal patterns of language-specific brain activity using magnetoencephalography in patients with chronic aphasia after stroke. NeuroImage, *23*, 1308-16.
- Peck, K.K., Wierenga, C.E., Moore, A.B., **Maher, L.M.**, Gopinath, K., Briggs, R.W., Crosson, B. (2004). Comparison of baseline conditions to investigate syntactic production using functional magnetic resonance imaging. NeuroImage, *23*, September, 104-110.
- Glueckauf, R.L., Blonder, L.X., Ecklund-Johnson, E., **Maher, L.M.**, Crosson, B., Rothi, L.J.G. (2003). Functional outcome questionnaire for aphasia: Overview and initial psychometric evaluation. NeuroRehabilitation, *18*, 281-290.
- Maher, L.M.** (2001). Neurologic communication disorders and sciences: Planning for the future. Journal of Medical Speech-Language Pathology, *9* X1-XV.
- Raymer, A., **Maher, L.M.**, Foundas, A., Rothi, L.J.G., Heilman, K.M. (2000). Analysis of lexical recovery in an individual with acute anomia. Aphasiology, *14*, 901-910.
- Foundas, A., Macauley, B.L., Raymer, A.M., **Maher, L.M.**, Rothi, L.J.G., Heilman, K.M. (1999). Ideomotor apraxia in Alzheimer's disease and left hemisphere stroke: Limb transitive and intransitive movements. Journal of Neuropsychiatry, Neuropsychology and Behavioral Neurology, *12*, 161-166.
- Maher, L.M.**, Clayton, M.C., Barrett, A.M., Schober-Peterson, D., Rothi, L.J.G. (1998). Rehabilitation of a case of pure alexia. Journal of the International Neuropsychological Society, *4*, 636-647.
- Maher, L.M.**, Rothi, L.J.G., Heilman, K.M. (1997). Praxis performance with left versus right hemisphere lesions. NeuroRehabilitation, *9*, 45-55.

- Ochipa, C., Rapsack, S., **Maher, L.M.**, Bowers, D., Rothi, L.J.G., Heilman, K.M. (1997). Selective deficit of motor imagery in ideomotor apraxia. Neurology, *49*, 474-480.
- Raymer, A.M., Foundas, A., **Maher, L.M.**, Greenwald, M.L., Morris, M., Rothi, L.J.G., Heilman, K.M. (1997). Cognitive neuropsychological analysis and neuroanatomic correlates in a case of acute anomia. Brain and Language, *58*, 137-156.
- Raymer, A.M., **Maher, L.M.**, Foundas, A., Heilman, K.M., Rothi, L.J.G. (1997). The significance of body part as tool errors in limb apraxia. Brain and Cognition, *34*, 287-292.
- Heilman, K.M., **Maher, L.M.**, Rothi, L.J.G., Greenwald, M. (1997). Conceptual apraxia from unilateral focal lesions: A deficit of tool and mechanical knowledge. Neurology, *49*, 457-464.
- Shuren, J.E., **Maher, L.M.**, Heilman, K.M. (1996). The role of visual imagery in spelling. Brain and Language, *52*, 365-372.
- Maher, L.M.**, Chatterjee, A., Rothi, L.J.G., Heilman, K.M. (1995). Agrammatic sentence production: The use of a temporal-spatial strategy. Brain and Language, *49*, 105-124.
- Chatterjee, A., **Maher, L.M.**, Rothi, L.J.G., Heilman, K.M. (1995). Asyntactic thematic role assignment: The use of a temporal-spatial strategy. Brain and Language, *49*, 125-139.
- Chatterjee, A., **Maher, L.M.**, Heilman, K.M. (1995). Spatial characteristics of thematic role representation. Neuropsychologia, *33*, 643-648.
- Foundas, A., Macauley, B.L., Raymer, A.M., **Maher, L.M.**, Heilman, K.M., Rothi, L.J.G. (1995). Ecological implications of limb apraxia: Evidence from mealtime behavior. Journal of the International Neuropsychological Society, *1*, 62-66.
- Shuren, J.E., Hammond, C., **Maher, L.M.**, Rothi, L.J.G., Heilman, K.M. (1995). Attention and anosognosia: The case of a jargon aphasic with unawareness of language deficit. Neurology, *45*, 376-378.
- Maher, L.M.**, Rothi, L.J.G., Heilman, K.M. (1994). Lack of error awareness in an aphasic patient with relatively preserved auditory comprehension. Brain and Language, *46*, 402-418.
- Shuren, J.E., **Maher, L.M.**, Heilman, K.M. (1994). The role of the pulvinar in ideomotor praxis. Journal of Neurology, Neurosurgery and Psychiatry, *57*, 1282-1283.
- Rothi, L.J.G., Raymer, A.M., **Maher, L.M.**, Greenwald, M.L., Morris, M. (1991). Assessment of naming failures in neurological communication disorders. Clinics in Communication Disorders, *1*, 7-20.

### **Book Chapters**

- Maher, L. M.** (2016, epub ahead of press). Broca's Aphasia and Grammatical Processing. In A.M. Raymer & L.J.G. Rothi (Eds.). *The Oxford Handbook of Aphasia and Language Disorders*. New York: Oxford University Press.
- Leon, S.A., **Maher, L.M.**, Gonzalez Rothi, L.J. (2011). Language Therapy, In: S.A. Raskin (Ed.), *Neuroplasticity and Rehabilitation*. New York: Guilford Publications. 202-232.
- Raymer, A.M., **Maher, L.M.** (2006). Aphasia rehabilitation. In: J.H. Noseworthy (Ed.), *Neurological Therapeutics: Principles and Practices, Second edition*. London: Martin Dunitz.
- Raymer, A.M., **Maher, L.M.** (2003). Aphasia. In: J.H. Noseworthy (Ed.), *Neurological Therapeutics: Principles and Practices*. London: Martin Dunitz.

- Raymer, A.M., **Maher, L.M.** (2003). Rehabilitation of language disorders. *Neuropsychological Rehabilitation: Theory and Practice*. Lisse, The Netherlands: Swets and Zeitlinger.
- Maher, L.M.**, Rothi, L.J.G. (2001). Disorders of skilled movement. In Berndt, R. (ed.), *Handbook of Neuropsychology, 2<sup>nd</sup> Edition, Vol. 3*. New York, Elsevier. 269-283.
- Chatterjee, A., **Maher, L.M.** (2000). Grammar and agrammatism. In Nadeau, S.E., Rothi, L.J.G., & Crosson, B. & (eds). *Aphasia and Language: Theory to Practice*. New York: Guilford Publications, Inc. 133-156.
- Rothi, L.J.G., Greenwald, M.L., **Maher, L.M.**, Ochipa, C. (1998). Alexia without agraphia: Lessons from a treatment failure. In N. Helm-Estabrooks & A. Holland, (eds). *Approaches to the Treatment of Aphasia*. San Diego: Singular Press. 179-201.
- Maher, L.M.**, Ochipa, C. (1997). Management and treatment of limb apraxia. In L.J.G. Rothi, & K.M. Heilman, (eds). *Apraxia, the Neuropsychology of Action*. Hove England: Psychology Press. 75-91.

### **Publications (Invited)**

- Maher, L.M.**, Rothi, L.J.G. (2006). Constraint induced language therapy for aphasia. *Stroke Connection Magazine*.
- Maher, L.M.** (2006). Alexia. Patient and caregiver handouts. Austin: ProED. **Maher, L.M.** (2006). Limb apraxia. Patient and caregiver handouts. Austin: ProED. Rothi, G., Kendall, D., & **Maher, L.** (2003). Forced use, errorless learning, and condensed practice: Attributes of use-dependent learning applied to treatment of speech production disorders associated with aphasia. In *Journal of Sport & Exercise Psychology, Vol. 25*, pp. S10-S11). Human Kinetics Publishers, Inc.
- Maher, L.M.** (2002). Informed consent and research in aphasia. *The ASHA Leader, Dec.3, 2002*, p.12.
- Martin, V.C., Kubitz, K.R. **Maher, L.M.** (2001). Melodic Intonation Therapy. *ASHA Special Interest Division 2 Newsletter, Vol.11, #3*, pp. 33-37.
- Daniels, S., Stach, C., & **Maher, L.M.** (2001). Treatment of aphasia: An annotated review of the research literature, 1946-2001 (VA Audiology and Speech-Language Pathology Clinical Services Website). From: <http://www.washington.med.va.gov/audio-speech/aphasia.doc>
- Maher, L.M.** (1999). Special Interest Division 2 Planning Survey Results. Summary Report to Membership of Division 2, p. 5.
- Ochipa, C. **Maher, L.M.**, Raymer, A.M. (1998). One approach to the treatment of anomia. *ASHA Special Interest Division 2 Newsletter, Vol.8, #3*, pp. 18-23.

### **Presentations (Peer Reviewed)**

- Raymer, A.M., Beeson, P., **Maher, L.M.**, Martin, N., et al., (2018). Translating Neuroscience to Neurorehabilitation in Aphasia, 10 years later. Symposium, American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Raymer, A.M., Armour, M., **Maher, L.M.** (2018). Supportive Communication Strategies for Aphasia: Evidence and Practice in Clinic and Community. Symposium, American Congress of Rehabilitation Medicine, Dallas, TX
- Thiessen, A., Justice, R., Schmadeke, S., **Maher, L.M.** (2016). Outcomes from a



- community- based center for aphasia. Poster, American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Schmadeke, S, Irwin, M., Justice, R. and **Maher, L.M.** (2012). HARC: Evolution of a Wellness Center for Persons with Aphasia. Paper, American Speech-Language Hearing Association Annual Convention, Atlanta, GA.
- Kirmess, M, **Maher, L.M.** (2010). Long Term Outcomes of CILT in Early Aphasia Rehabilitation. Poster, Academy of Aphasia Annual Meeting, Athens, Greece.
- Kirmess, M., **Maher, L.M.** (2009). Functional Impact of CILT in Early Aphasia Rehabilitation: A Case Study. Poster, Academy of Aphasia Annual Meeting, Boston, MA.
- Kirmess, M., **Maher, L.M.** (2009). Constraint Induced Language Therapy in Early Aphasia Rehabilitation: Case study results. Poster, Clinical Aphasiology Conference, Keystone, CO.
- Schmadeke, S., **Maher, L.M.**, Papanicolaou, A.C., Breier, J.I. (2008). Spoken Language Improvement Following Constraint Induced Language Therapy in Aphasia. Paper, American Speech-Language Hearing Association Annual Convention, Chicago, IL.
- Kirmess, M., **Maher, L.M.** (2008). The effect of constraint induced language therapy on expressive speech in acute aphasia: A case study. Poster, Academy of Aphasia, Finland.
- Randle, S., **Maher, L.M.**, Gonzalez Rothi, L.J. (2007). A Review of errorless learning strategies in rehabilitation. Paper, American Speech-Language Hearing Association Convention, Boston, MA..
- Maher, L.M.**, Breier, Novack, B., Papanicolaou, A.C. (2007). Poster, International Neuropsychological Society Annual Meeting, Portland, OR.
- Hillis, A., Small, S. and **Maher, L.M.** Neural Bases of Language Rehabilitation in Aphasia. (2007). Symposium ACRM-ASN Joint Conference, Washington, D.C..
- Maher, L.M.**, Schmadeke, S, Pingel, K., Ciampitti, M., Ochipa, C., Holland, A., Gonzalez Rothi, L.J. A RCT of Constraint Induced Language Therapy for Aphasia. (2006) paper, American Speech-Language Hearing Association Convention, Miami, FL.
- McGregor, K.M., White, K.D., Moore, A.B., **Maher, L.M.**, Peck, K.K., Wierenga, C.E., Gopinath, K., Kurtzman, M., Gaeifsky, M., Wabnitz, A., Benjamin, M., Soltysik, D.A., Briggs, R., Crosson, B. (2006). An fMRI Investigation of sentence generation attempts by chronic non-fluent aphasics. Poster, International Neuropsychological Society Annual Meeting, Boston, MA.
- Breier, J.I., **Maher, L.M.**, Castillo, E.M., Novak, B., Papanicolaou, A. (2006). Neuropsychological changes in receptive language cortex with age using magnetoencephalography. Poster, International Neuropsychological Society Annual Meeting, Boston, MA.
- Maher, L.M.**, Schmadeke, S., Swearingin, J., Rothi, L.J.G. (2005). Intensity variation for constraint induced language therapy for aphasia. Poster, American Speech-Language-Hearing Association Convention, San Diego, CA.
- Maher, L.M.** (2004). Current approaches to aphasia intervention. American Speech-Language Hearing Association Convention, Paper, Philadelphia, PA.
- Key, S., **Maher, L.M.** (2004). A speech production deficit from a neurocognitive perspective. American Speech-Language Hearing Association Convention, Paper, Philadelphia, PA.
- Maher, L.M.**, Singletary, F., Ciampetti, M., Rodriguez, A., Rothi, L.J.G (2004). Comparison of

- errorless and errorful learning methods in aphasia rehabilitation. Poster, International Neuropsychological Society Annual Meeting, Baltimore, MD.
- Breier, J.I., Castillo, E., Boake, C., Billingsley, R., **Maher, L.M.**, Noser, E., Francisco, G., Papanicolaou, A. (2004). Maps of receptive language function in patients with chronic aphasia after stroke using magnetoencephalography. Paper, International Neuropsychological Society Annual Meeting, Baltimore, MD.
- Maher, L.M.**, Kendall, D., Swearingin, J.A., Rodriguez, A., Leon, S., Pingel, K., Holland, H., Rothi, L.J.G. (2003). Comparison of constraint induced language therapy and traditional therapy in the rehabilitation of chronic aphasia: Preliminary findings. Poster, ACRM-ASN Joint Conference, Tucson, AZ.
- Maher, L.M.**, Kendall, D., Swearingin, J.A., Pingle, K., Holland, A., Rothi, L.J.G. (2003). Constraint induced language therapy for chronic aphasia: Preliminary findings. Poster, International Neuropsychological Society Annual Meeting.
- Saleem, A., Kendall, D., Rothi, L.J.G., **Maher, L.M.**, Heilman, K.M. (2003). The effects of written language directionality on thematic role assignment. Poster, International Neuropsychological Society Annual Meeting.
- Thompson, C.K., Beeson, P.M., **Maher, L.M.**, Raymer, A., Greenwald, M., Turkstra, L. (2002). Neurobiology of language recovery, Seminar, American Speech-Language-Hearing Association Convention, Atlanta, GA.
- Crosson, B., Moore, A.B., Wierenga, C.E., **Maher, L.M.**, Rothi, L.J.G., Soltysik, D.A., Peck, K.K., Gopinath, K., Heilman, K.M. and Briggs, R.W. (2002). fMRI of rehabilitation change during sentence generation in agrammatic patients. Poster, Rehabilitation Research and Development 3<sup>rd</sup> National Meeting, Washington, D.C.
- Wierenga, C.E., Moore, A.B., Crosson, B., **Maher, L.M.**, Peck, K.K., Gopinath, K., Himes, N., Soltysik, D., Rothi, L.J.G., Briggs, R.W. (2002). Comparison of baseline tasks to investigate syntactic production with fMRI. Poster, Rehabilitation Research and Development 3<sup>rd</sup> National Meeting, Washington, D.C.
- Maher, L.M.**, Mitchum, C., Fink, R., Thompson, C. (2001). Advances in treating grammatical impairments. Seminar, American Speech-Language-Hearing Association Convention, New Orleans, LA.
- Daniels, S., Blossom-Stach, C, **Maher, L.M.** (2001). Evidence-based treatment outcomes in aphasia. Poster, American Speech-Language-Hearing Association Convention, New Orleans, LA.
- Wierenga, C.E., Moore, A.B., Crosson, B., Heilman, K.M., **Maher, L.M.**, Soltysik, D., Peck, K.K., Gopinath, K., Briggs, R.W. (2001). fMRI of sentence generation in agrammatic patients and healthy adults. Poster, 31<sup>st</sup> Annual Meeting of the Society for Neuroscience, San Diego, CA.
- Holland, A., Johnson-Greene, D., **Maher, L.M.**, Paul-Brown, D., Ylvisaker, M. (2000). Speech-language pathology and neuropsychology: Collaborating to improve quality of service. Seminar, American Speech-Language-Hearing Association Convention, Washington, D.C.
- Briggs, R.W., Anderson, J.M., Crosson, B., **Maher, L.M.**, Roth, H.L, Gopinath, K.S., Gokcay, D., Rothi, L.J.G., Auerbach, E.J., Soltysik, D.A. (2000). Preliminary evidence of language reorganization after left hemisphere injury: A whole brain, event-related fMRI study of sentence production. Poster, 8<sup>th</sup> Scientific Meeting of the International Society

for Magnetic Resonance in Medicine, Denver CO.

- Maher, L.M.**, Raymer, A.M., Ochipa, C., Beeson, P. (1999). Lessons learned from treatment in aphasia and related disorders. Seminar, American Speech-Language-Hearing Association Convention, San Francisco, CA.
- Stewart, M.L., **Maher, L.M.** (1999). A cognitive neuropsychological approach to assessment and rehabilitation of alexia. Poster, American Speech-Language-Hearing Association Convention, San Francisco, CA.
- Gonsalves, M., **Maher, L.M.** (1999). Cognitive neuropsychological approach to the rehabilitation of pure alexia. Poster, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.
- Maher, L.M.**, Stewart, M.L., Raymer, A.M. (1999). Analysis of lexical and nonlexical reading in a letter-by-letter reader. Poster, Clinical Aphasiology Conference, Key West, FL.
- Maher, L.M.**, Fox, A. (1998). Use of a spatial heuristic in asyntactic comprehension. Poster, Clinical Aphasiology Conference, Asheville, NC.
- Raymer, A., **Maher, L.M.**, Greenwald, M., Foundas, A., Rothi, L.J.G., Heilman, K.M. (1998). Cognitive neuropsychological analysis of lexical recovery in an individual with acute anomia. Poster, Clinical Aphasiology Conference, Asheville, NC.
- Raymer, A.M., **Maher, L.M.** (1998). Current research in limb apraxia assessment and its clinical implications. Paper, American Speech-Language-Hearing Association, San Antonio, TX.
- Clayton, M.C., Albinger, P., **Maher, L.M.** (1998). Rehabilitation of pure alexia. Poster, American Speech-Language-Hearing Association, San Antonio, TX.

### **Invited Presentations**

- Addressing the Negative Impact of Post-Stroke Aphasia. Faculty Senate Conference, Building Healthy Communities Through Partnerships: Future Directions in Health sciences at UH, 2019.
- Promoting Dignity. Learning Module, Houston Geriatric Education Center, 2015.
- Stress Management for CAN. Learning Module, Houston Geriatric Education Center, 2015.
- Deconstructing Constraint-Induced Language Therapy. Webinar, SpeechPathology.com, 2013.
- Use-dependent treatment versus supported communication in the rehabilitation of aphasia: (Is this) a debate? Seminar at the American Speech-Language-Hearing Association Annual Convention, Atlanta, GA. 2012.
- Deconstructing Constructing Constraint Induced Language Therapy. Association of VA Speech-Language-Pathologists, San Antonio, 2012.
- CILT in Aphasia Rehabilitation: Current status and future directions. Keynote presentation at the International Aphasia Rehabilitation Conference, Montreal, 2010.
- The Theory, Method and Outcomes of Constraint Therapy for Aphasia. Speech-Hearing Association of Alabama, 2008.
- The Theory, Method and Outcomes of Constraint Therapy for Aphasia. University of Rhode Island Expert Speakers Series, 2008.
- Using Constraint Therapy in Aphasia Rehabilitation. Speaking Out! Sixth National Aphasia Association Conference, New York, 2008.
- Application of constraint therapy principles in aphasia. Texas Speech-Language-Hearing Annual Convention, Houston, TX, 2007.

Application of constraint principles to aphasia. Ohio Speech-Language-Hearing Annual Convention, Columbus, OH 2007.

Application of constraint principles to aphasia. Brain Injury Association of Indiana, (BIAI) Annual Meeting, Indianapolis, IN, 2006.

Experience-dependent learning and neural plasticity: Implications for rehabilitation theory and practice. International Neuropsychological Society Annual Meeting, Boston, MA, 2006.

An investigation of constraint induced language therapy for aphasia: What we have learned so far. Academy of Neurogenic Communication Disorders and Sciences, San Diego, CA, 2005.

Aphasia rehabilitation: From words to sentences. University of Houston Communication Disorders Alumni Association Symposium on Language and Motor Speech Disorders in Children and Adults: Advances in Research and Intervention, Houston, TX, 2005.

Rehabilitation of aphasia, Rice University Neurolinguistics Class, Houston, TX, February 2004

Rehabilitation of aphasia with CILT. The Institute for Rehabilitation Research Speech Pathology monthly seminar, Houston, TX, January 2004.

Understanding the “associated” deficits: Neural correlates of alexia, agraphia, and (limb) apraxia. Texas Speech-Language-Hearing Association Convention Short Course, Houston, TX, 2002.

Constraint induced language therapy. MD Anderson Speech Pathology Dept, Houston, TX, December 2002.

Aphasia treatment in the 21<sup>st</sup> century. Houston Association of Communication Disorders Spring Short Course, Houston, TX, May 2002.

Treatment of sentence production in aphasia: Preliminary data. Dept. of Physical Medicine and Rehabilitation Weekly Research Education Seminar, Baylor College of Medicine, Houston, TX, April 2002.

Within subject experimental design. University of Houston, Research in Communication Disorders graduate class, Houston, TX, 2001-2005.

Efficacy research in aphasia. University of Houston, Research in Communication Disorders graduate class, Houston, TX 2001-2005.

Treatment of agrammatism. The Institute for Rehabilitation Research Speech Pathology monthly seminar, August, 2001.

Intensive speech-focused treatment for chronic aphasia. Dept. of Physical Medicine and Rehabilitation Weekly Research Education Seminar, May, 2001

Rehabilitation of comprehension and production: The sentence level. 26<sup>th</sup> Annual Course in Behavioral Neurology and Neuropsychology, Florida Society of Neurology, Orlando, FL, 2000.

Rehabilitation of limb apraxia. 26<sup>th</sup> Annual Course in Behavioral Neurology and Neuropsychology, Florida Society of Neurology, Orlando, FL, 2000.

Treatment of agrammatism. Dept. of Physical medicine and Rehabilitation Weekly Research Education Seminar, November, 2000.

How alexia rehabilitation can inform cognitive modeling. Cognitive Neuroscience Brown Bag, Rice University, Houston, TX, November, 2000.

Assessment and rehabilitation of acquired alexia in adults. Houston Association of Communication Disorders: Houston, TX, October, 2000.



## **Teaching (Didactic)**

- 2003-present University of Houston: Aphasia and Related Disorders, Graduate course (3 credits), Motor Speech Disorders, Graduate Class (3 credits) 2017, 2018, 2020; Research Methods, Graduate course (3 credits) 2006; Other courses: Medical SLP Elective Seminar (2008-2012), Clinical Practicum and Externship
- 2010,11,12 Guest lectures in OPTO 1300: Introduction to Health Professions, Discipline of Communication Sciences and Disorders, and OPTO 7361, Geriatric Optometry, Hearing and Communication of the Elderly.
- 1995-2000 Georgia State University Graduate Program in Communication Sciences and Disorders: Aphasia, Motor Speech Disorders, Dysphagia, Communication Neuroscience, Clinical Supervision, Advanced Neuro Seminar

## **Mentorship**

- 2016-18 Amanda Clarke, Master's Thesis Committee Chair, Changes in Discourse Production following left-hemisphere stroke. University of Houston, Houston, TX.
- 2015-17 Katia Kazhuro, Master's Thesis Committee Chair, Influence of lexical versus procedural knowledge in sentence production in response to thematic role assignment treatment. University of Houston, Houston, TX.
- 2012-14 Vanessa Martin, Master's Thesis Committee Chair, Outcome measures of discourse in aphasia. University of Houston, Houston, TX.
- 2013 Christy Lee, Undergraduate Honor's Thesis Committee Chair, Measuring change in narrative discourse in persons with aphasia. University of Houston, Houston, TX.
- 2006-11 Melanie Kirmess, PhD Dissertation Content Advisor, CILT: A comparison between acute and chronic outcome. University of Oslo, Oslo, Norway
- 2007-08 Shannon Randall, Chair, Master's Thesis Committee: An investigation of error in Melodic Intonation Therapy, University of Houston, Houston, TX.
- 2006 Belinda Fleming, Member, Master's Thesis Committee: Effect of the type of decoding strategy on reading comprehension in a college student with dyslexia. University of Houston, Houston, TX.
- 2006 Karri Sigvad, Independent Study Advisor, Acquired alexia: Neuropathology, cognitive neuropsychology and rehabilitation. University of Houston, Houston, TX.
- 2004 Sarah Key, Member, Undergraduate Honor's Thesis Committee: A case of apraxia of speech from a neurocognitive perspective. Rice University, Houston, TX.
- 2004 Linda Cerasuolo, Clinical fellowship year supervisor
- 2002 Jennifer Swearengin, Clinical fellowship year supervisor
- 2001 Lauri Lacy, Clinical fellowship year supervisor