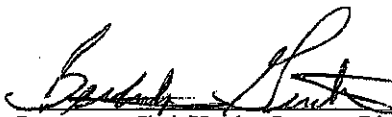
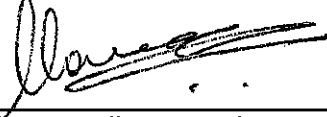


UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES
GRADUATE FACULTY APPLICATION

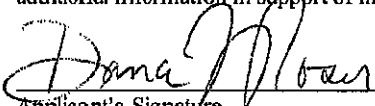
1. Name: Dana Moser
2. UAMS Graduate Program Sponsor: AUSP Major field: SLP
3. Present UAMS academic title or administrative position: Assistant Professor
Date appointed this rank/position: 07/01/15 Employed by: UAMS

4. **Comments of Department Chair/Head or Program Director including: evidence of scholarly development, effectiveness as a teacher, quality of publications and reallocation of duties if this application is approved.**

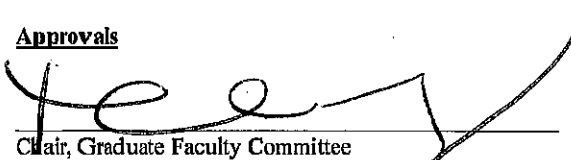
Dr. Moser has an established line of research seeking to better understand and improve recovery and treatment outcomes in persons with language impairment following stroke. Her most current project is focused on investigating the effectiveness of using transcranial direct current stimulation (tDCS) to modulate the brain's response to aphasia treatment. Dr. Moser is an outstanding teacher who receives excellent course evaluation. She is able to take difficult topics, such as neuroscience and neurorehabilitation, and present it in the classroom in a student-friendly format. Dr. Moser's standing as a researcher can be measured by the quality of the journals in which she publishes. Specifically, her work has been published in a journal with an impact factor as high as 8.669. She currently has 18 publications with a mean impact factor of 3.775. Awarding of graduate faculty status will allow Dr. Moser to direct graduate-level research (graduate-level research projects/theses/dissertations) within the AUSP department. Dr. Moser's time will be reallocated accordingly. I highly recommend Dr. Moser be awarded graduate faculty status.



Department Chair/Head or Program Director 7/11/16 
Date Graduate Council Representative


I have read the comments of my Department Chair/Head or Program Director and I do, do not (circle one) wish to supply additional information in support of my application.


Applicant's Signature 7/11/16
Date

Approvals


Chair, Graduate Faculty Committee 8-18-16
Date


Chair, Graduate Council 8/18/16
Date


Dean of the Graduate School 8-18-16
Date

5. List your planned involvement in graduate education (courses, theses, dissertations):

Graduate Courses: Currently, I teach 3 graduate courses that are required of all students in the SLP program. These courses include: Neurogenic Language Disorders, Neurogenic Speech Disorders, and Dysphagia.

Research Supervision: Each year, I supervise 4 second-year graduate students in their required research experience. I also plan to serve on the dissertation committee for a student in our PhD program and a thesis committee member for a student in our MS program.

6. Briefly summarize your experience in graduate-level classroom teaching:

I have taught 3 graduate courses per year as an assistant professor for the past 5 years. Prior to last year, the graduate course I taught were as follows: Aphasia in Adults, Applied Neurology for Speech-Language Pathology, Diagnosis of Speech & Language Disorders, and Voice Disorders.

7. Briefly summarize your experience in research and student research mentoring:

I have been involved in research involving human subjects for the past 12 years. My earliest publications were completed as a student. As a postdoctoral fellow and assistant professor, many of my research studies/publications have included students mentees with various levels of independence. Additionally, last year at UAMS, I supervised 3 graduate SLP students in their required research experience.

8. Attach Curriculum Vita showing educational background (including institutions attended, degrees awarded and dates), honors or awards received, scholarly or professional organization affiliations, teaching experience (give school, dates and advanced and graduate subjects taught), including student theses and/or dissertations supervised. Cite publications and research in progress.

CURRICULUM VITAE

Dana Moser, Ph.D., CCC-SLP

Current Position

Assistant Professor 2015-present
Department of Audiology & Speech Pathology
University of Arkansas for Medical Sciences
University of Arkansas at Little Rock
Little Rock, Arkansas

Current Contact Information

Department of Audiology & Speech Pathology
University of Arkansas for Medical Sciences
5820 Asher Avenue, University Plaza, Suite 600
Little Rock, Arkansas 72204
Tel: (501) 682-1456; Fax: (501) 569-3157; Cell: (832) 627-9964
DRMoser@uams.edu

Education

Ph.D., Communication Sciences & Disorders, 2007
University of South Carolina
M.S.P., Speech-Language Pathology, 2004
University of South Carolina
B.A., Psychology (summa cum laude), 1998
Texas A&M University-Corpus Christi

Professional Experience

Previous Academic Appointments:

Assistant Professor 2011- 2015
Department of Communication Sciences & Disorders
University of New Hampshire
Durham, New Hampshire

Research:

Postdoctoral Fellow 2009- 2011
Center for Clinical Neurosciences, MEG/MSI Laboratory
Children's Learning Institute, University of Texas Health Science Center
Physical Medicine & Rehabilitation, Baylor College of Medicine
Houston, TX

Postdoctoral Fellow 2007- 2009
Aphasia Research Laboratory
Department of Communication Sciences & Disorders
Department of Internal Medicine, Division of Geriatrics
University of South Carolina

Research Assistant, Neurolinguistic Laboratory Department of Communication Sciences & Disorders University of South Carolina	2004- 2007
Research Assistant, Neuroimaging Laboratory Department of Communication Sciences & Disorders University of South Carolina	2006- 2007
Research Assistant, Child Language Laboratory Department of Communication Sciences & Disorders University of South Carolina	2002- 2003

Clinical:

Clinical Supervisor for Aphasia Group (Speech-Language Pathologist) UALR/UAMS Speech & Hearing Clinic University of Arkansas at Little Rock University of Arkansas for Medical Sciences Little Rock, AR	2015-present
Aphasia Group Facilitator (Speech-Language Pathologist) Houston Aphasia Recovery Center Houston, TX	2010-2011
Speech-Language Pathologist USC Speech & Hearing Research Center University of South Carolina Columbia, SC	2004-2008
Graduate Clinician (Internship) Physical Medicine & Rehabilitation/Neuroscience Institute Virginia Mason Medical Center Seattle, WA	2004
Graduate Clinician (Practicum Experience) Providence Hospital (inpatient), Columbia, SC	2004
Briggs Elementary School, Florence, SC	2004
USC Speech & Hearing Research Center, Columbia, SC	2002-2004
HealthSouth Rehabilitative Hospital, Florence, SC	2003
SC Vocational Rehabilitation Center, Columbia, SC	2003

Expertise

- Aphasia
- Cognitive Neuroscience
- Language Rehabilitation
- Neuroimaging
- Neuromodulation
- Stroke Recovery
- Translational Neuroscience
- Treatment Outcomes

Peer-Reviewed Publications

Moser, D., Basilakos, A., Fillmore, P., & Fridriksson, J. (2016). Brain damage associated with apraxia of speech: Evidence from case studies. *Neurocase*, 1-11. [PMID: 27264534].

Basilakos, A., Rorden, C., Bonilha, L., **Moser, D.,** & Fridriksson, J. (2015). Patterns of poststroke brain damage that predict speech production errors in apraxia of speech and aphasia dissociate. *Stroke*, 46(6), 1561-1566. [PMID: 25908457].

Passaro, A.D., Rezaie, R., **Moser, D.C.,** Li, Z., Dias, N., & Papanicolaou, A.C. (2011). Optimizing estimation of hemispheric dominance for language using magnetic source imaging. *Brain Research*, 1416, 44-50. [PMID: 21890118].

Rezaie, R., Simos, P., Papanicolaou, A. C., Castillo, E., **Moser, D.,** Passaro, A., & Fletcher, J. (2011). Time course of electromagnetic activity associated with detection of rare events. *Neuroreport*, 22(3), 136-140. [PMID: 21062521].

Moser, D.C., Papanicolaou, A.C., Swank, P., & Breier, J.I. (2010). Evidence for the solidarity of the expressive and receptive language systems: A retrospective study. *Journal of the International Neuropsychological Society*, 17(1), 62-68. [PMID: 21062521].

Moser, D., Fridriksson, J., Rorden, C., Bonilha, L., Healy, E.W., Baker, J., & Baylis, G.C. (2009). Neural recruitment for the production of native and novel speech sounds. *NeuroImage*, 46(2), 549-557. [PMID: 19385020].

Moser, D., Baker, J.M., Sanchez, C.E., Rorden, C., & Fridriksson, J. (2009). Temporal order processing of syllables in the left parietal lobe. *Journal of Neuroscience*, 29(40), 12568-12573. [PMID: 19812331].

Fridriksson, J., Bonilha, L., Baker, J.M., **Moser, D.,** & Rorden, C. (2009). Activity in preserved left hemisphere regions predicts anomia severity in aphasia. *Cerebral Cortex*, 20(5), 1013-1019. [PMID: 19687294].

Fridriksson, J., Baker, J. & **Moser, D.** (2009). Cortical mapping of naming errors in aphasia. *Human Brain Mapping*, 30(8), 2487-2498. [PMID: 19294641].

Fridriksson, J., **Moser, D.,** Ryalls, J., Bonilha, L., Rorden, C., & Baylis, G.C. (2009). Modulation of Frontal Lobe Speech Areas Associated with the Production and Perception of Speech Movements. *Journal of Speech-Language-Hearing Research*, 52(3), 812-819. [PMID: 18978212].

Fridriksson, J., Baker, J., Whiteside, J., Eoute, D., **Moser, D.,** Vesselinov, R., & Rorden, C. (2009). Treating visual speech perception to improve speech production in non-fluent aphasia. *Stroke*, 40(3), 853-858. [PMID: 19164782].

Bonilha, L., Eckert, M.A., Fridriksson, J., Hirth, V.A., **Moser, D.,** Morgan, P.S., & Rorden, C. (2009). Age-related relative volume preservation of the dominant hand cortical region. *Brain Research*, 1305, 14-19. [PMID: 19819233].

Fridriksson, J., **Moser, D.,** Bonilha, L., Morrow, K.L., Shaw, H., Fridriksson, A., Baylis, G.C. & Rorden, C. (2007). Neural correlates of phonological and semantic based anomia

treatment in aphasia. *Neuropsychologia*, 45(8), 1812-1822. [PMID: 17292928].

Moser, D., Fridriksson, J. & Healy, E.W. (2007). Sentence comprehension and general working memory. *Clinical Linguistics & Phonetics*, 21(2), 147-156. [PMID: 17364622].

Healy, E.W., **Moser, D.**, Morrow-Odom, K.L., & Fridriksson, J. (2007). Speech perception in MRI scanner noise by persons with aphasia. *Journal of Speech-Language-Hearing Research*, 50(2), 323-334. [PMID: 17463232].

Healy, E.W., **Moser, D.**, Morrow-Odom, K.L., Hall, D.A., & Fridriksson, J. (2007). Within-session learning of novel auditory tasks by persons with aphasia. *Journal of Medical Speech-Language Pathology*, 15, 327-335.

Bonilha, L., **Moser, D.**, Rorden, C., Baylis, G., & Fridriksson, J. (2006). Speech apraxia without oral apraxia: Can normal brain function explain the physiopathology? *NeuroReport*, 17(10), 1027-1031. [PMID: 16791097].

Fridriksson, J., Morrow-Odom, K.L., **Moser, D.**, Fridriksson, A., Baylis, G.C. (2006). Neural recruitment associated with anomia treatment in aphasia. *NeuroImage*, 32(3), 1403-1412. [PMID: 16766207].

Fridriksson, J., Morrow, K.L., **Moser, D.**, Baylis, G.C. (2006). Age related variability in cortical activity during language processing. *Journal of Speech-Language-Hearing Research*, 49(4), 690-697. [PMID: 16908869].

Presentations

Moser, D. (May, 2013). Changing the Brain to Improve Language Outcomes. The Brain Injury Association of New Hampshire Annual Brain Injury & Stroke Conference, Concord, NH.

Moser, D. (May, 2012). A Functional Window into Speech and Language Recovery: Ask Not What is Absent, But What Remains. UNH Department of Communication Sciences & Disorders Annual Spring Conference, Durham, NH.

Moser, D., Baker, J., & Fridriksson, J. (November, 2008). Neural Correlates of Speech-Viewing Treatment for Anomia. The American Speech-Language-Hearing Association Annual Conference, Chicago, IL.

Fridriksson, J., **Moser, D.**, & Baker, J. (May, 2008). Cortical Mapping of Naming Errors in Aphasia. Clinical Aphasiology Conference, Teton Village, WY.

Posters

Basilakos, A., **Moser, D.**, Fillmore, P., Yourganov, G. & Fridriksson, J. (November, 2014). Using Neuroimaging to Refine Differential Diagnosis of AOS. The American Speech-Language-Hearing Association Annual Conference, Orlando, FL.

Moser, D., Basilakos, A., Fillmore, P., & Fridriksson, J. (November, 2013). Challenging the Role of the Anterior Insula in Motor Speech Production: Further Evidence from Case Studies. Society for the Neurobiology of Language Conference, San Diego, CA.

Morrow-Odom, K.L., Moser, D., & Neils-Strunjas, J. (November, 2013). What Speech-Language Pathologists Report About Current Management of Quality of Life in Aphasia. The American Speech-Language-Hearing Association Annual Conference, Chicago, IL.

Moser, D. (November, 2012). Facilitation of Lexical Processing Through Oral and Gestural Visual-Motor Cueing. The American Speech-Language-Hearing Association Annual Conference, Atlanta, GA.

Moser, D., Fridriksson, A., & Fridriksson, J. (November, 2008). Effectiveness of Phonological and Semantic Based Anomia Treatment in Aphasia. The American Speech-Language-Hearing Association Annual Conference, Chicago, IL.

Moser, D., & Fridriksson, J. (November, 2007). Neural recruitment during the production of native and novel speech. The American Speech-Language-Hearing Association Annual Conference, Boston, MA.

Moser, D., Bonilha, L., Baylis, G.C., & Fridriksson, J. (November, 2006). Neuroanatomy of motor speech—Speech apraxia without oral apraxia: Can normal brain function explain the physiology? The American Speech-Language-Hearing Association Annual Conference, Miami Beach, FL.

Teaching

University of Arkansas for Medical Sciences:	2015-present
CSD 5093/AUSP 7371: Neurogenic Language Disorders	(1x)
CSD 5192/AUSP 7273: Neurogenic Speech Disorders	(1x)
CSD 5213/AUSP 7368: Dysphagia	(1x)
AUSP 3361: Speech Anatomy & Physiology	(1x)
University of New Hampshire:	2011-2015
COMM 524: Clinical Phonetics	(4x)
COMM 891: Applied Neurology for Speech-Language Pathology	(2x)
COMM 904: Aphasia in Adults	(3x)
COMM 906: Voice Disorders	(2x)
COMM 880: Diagnosis of Speech & Language Disorders	(3x)
University of South Carolina:	2005-2006
COMD 500: Introduction to Speech-Language Pathology & Audiology	(2x)
Guest Lecturer:	Various
(1) Anatomy & Physiology of Speech and Hearing Mechanisms	
(2) Neurocognitive Bases of Language Behavior	
(3) Language Disorders in Adults	
(4) Research Methodology	
(5) Topics in Neuroimaging Research	
(6) Introductions to Speech & Hearing Disorders	

Graduate Research Supervision

Ashlen Thomason, (PhD in progress), Dissertation Committee Member	2015-present
Jacob Cockcroft, (MS in progress), Thesis Committee Member	2016-present

Service

University Services:

Assessment Committee for M.S. program (Member)	2015-present
Curriculum Committee for M.S. program (Member)	2015-present
Student Engagement Work Group for Strategic Planning (Member)	2015-present
Coordinator for M.S. Research Presentations (Appointed)	2015-present
Faculty Search Committee (Co-chair)	2014-2015
University Honors Program (Departmental Liaison)	2013-2015
Hamel Center for Undergraduate Research (Departmental Liaison)	2013-2015
Neurogenic Option Subcommittee (Chair)	2011-2013
External Contracts Committee for CSD (Co-chair)	2011-2012

Ad Hoc Reviewer For:

Brain & Language	2013, 2014, 2015
American Journal of Speech-Language Pathology	2014
Conference Abstracts for the Society for Neurobiology of Language	2013, 2014, 2015
Ear & Hearing	2010
Journal of Neurolinguistics	2007

Certification and Licensure

ASHA Certificate of Clinical Competence	2006-present
Certificate in Rehabilitation of Communication in Individuals with Traumatic Brain Injury, University of South Carolina	2004

Professional Organizations

American Speech-Language-Hearing Association
Society for the Neurobiology of Language
Society for Neuroscience

Honors and Awards

Graduate School Centennial Fellowship, University of South Carolina	2007
Graduate School Research Award, University of South Carolina	2005
Graduated summa cum laude, Texas A&M University-Corpus Christi	1998
Psi Chi, National Honor Society in Psychology, Induction	1997
Alpha Kappa Delta, International Sociology Honor Society, Induction and Vice-President	1997
President's Honors List, Texas A&M University-Corpus Christi	1994-1998

Technical Skills

tDCS (Transcranial Direct Current Stimulation)

MRI/fMRI systems: Philips Intera 3T and Siemens Trio 3T

MEG system: 4-D Neuroimaging Magnes with 248 channels

MRI/MEG software: FSL, MRicron, SPM, FreeSurfer, AFNI, 4-D Neuroimaging, Matlab,
MNE

Statistical analysis programs: SPSS, SAS

Stimulus preparation/presentation programs: E-Prime, IFIS, Adobe Audition, Alvin