

Shannon M. Sheppard, PhD, CCC-SLP

Department of Communication Sciences & Disorders
Chapman University
9401 Jeronimo Road
Irvine, CA 92618

EDUCATION

Post-Doctoral Fellow & Clinical SLP Fellow Johns Hopkins University School of Medicine, Baltimore, MD, 2017 – 2019
Department of Neurology, Stroke Cognitive Outcomes & Recovery Laboratory
Advisor: Argye E. Hillis, MD

Post-Doctoral Fellow San Diego State University, San Diego, CA, 2016 – 2017
Department of Psychology, Spatio-Temporal Brain Imaging Laboratory
Advisor: Ksenija Marinkovic, PhD

Ph.D. University of California, San Diego and San Diego State University, 2016
Joint Doctoral Program in Language & Communicative Disorders
Dissertation: *Auditory Sentence Processing in Unimpaired and Impaired Adult Listeners: The Influence of Structure, Prosody, and Thematic Fit*
Advisors: Lewis Shapiro, PhD, Tracy Love, PhD, Phillip Holcomb, PhD, & Katherine Midgley, PhD

B.A. Chapman University, Orange, CA, 2007 (*Summa Cum Laude*)
Department of Psychology (Chemistry minor)
Thesis: *A Systematic Review and Meta-Analysis of Psychotherapies and Psychopharmacotherapies as Treatments for Depression*
Advisors: Steven Schandler, PhD, & John Flowers, PhD

APPOINTMENTS

Chapman University
Department of Communication Sciences & Disorders Assistant Professor, 2020 –

Johns Hopkins University
School of Medicine
Department of Neurology Research Associate, 2019 –

FUNDING

2019-2020 “The Neural Basis of Impaired Affective Prosody in Alzheimer's Disease and Frontotemporal Degeneration”; NIH, National Institutes of Health,
Role: Co-Investigator - \$248,073 (DC015466 03S1)

2018-2020 “Recovery of Affective Prosody After Stroke”; NIH, Division of Loan Repayment,
Role: PI - \$10,371

AWARDS AND HONORS

- 2019 American Neurological Association Conference Travel Award, Awarded to attend and present at the 144th Annual American Neurological Association Conference, St. Louis, MO
- 2011-2016 National Institutes of Health (NIH) Training Grant Recipient of the *Neurocognitive Approaches to Communication Disorders* Training Grant (NIDCD T32DC007361)
- 2016 San Diego State University Center for Clinical and Cognitive Neuroscience Travel Award, Awarded to attend and present at The 23rd Annual Meeting of the Cognitive Neuroscience Society, New York, NY
- 2015 American Speech-Language-Hearing Foundation *New Century Scholars Doctoral Scholarship*
- 2015 Saffran Student Scholar Award Program, Student Fellowship
Awarded to attend the 10th Annual Eleanor M. Saffran Cognitive Neuroscience Conference at Temple University, Philadelphia, PA
- 2015 National Institutes of Mental Health (NIMH) Funding
Awarded to attend ERP Boot Camp Training held by Steven J. Luck, PhD at the UC Davis Center for Mind and Brain, Davis, CA
- 2013 NIDCD Research Symposium in Clinical Aphasiology, Student Fellowship
Awarded to attend and present at the 43rd Annual Clinical Aphasiology Conference, Tucson, AZ
- 2013 San Diego State University Travel Award
Awarded to attend and present at the 11th Annual International Symposium of Psycholinguistics Conference, Tenerife, Spain

PEER-REVIEWED PUBLICATIONS

- Sheppard, S.M.**, Keator, L.M., Breining, B.L., Wright, A.E., Saxena, S., Tippet, D.C., & Hillis, A.E. (*In Press*). The right hemisphere ventral stream for emotional prosody identification: Evidence from acute stroke. *Neurology*.
- Meier, E.L., Breining, B.L., **Sheppard, S.M.**, Goldberg, E.B., Tippet, D.C., Tsapkini, K., Faria, A.V., & Hillis, A.E. (*In Press*). Leukoaraiosis independently contributes to language deficits in primary progressive aphasia.
- Keator, L.M., Faria, A.V., Kim, K., Saxena, S., Wright, A., **Sheppard, S.M.**, Breining, B.L., Tippet, D.C., & Hillis, A.E. (*In Press*). Narrative speech in acute stroke reveals critical linguistic and neuroanatomical correlates.
- Sheppard, S.M.**, Love, T., Midgley, K.J., Shapiro, L.P., & Holcomb, P.J. (2019). Using prosody during sentence processing in aphasia: Evidence from temporal neural dynamics. *Neuropsychologia*, 134, 107197.
- Tippet, D.C., Breining, B., Goldberg, E., Meier, E., **Sheppard, S.M.**, Sherry, E., Stockbridge, M., Suarez, A., Wright, A.E., & Hillis, A.E. (*In Press*). Visuomotor Figure Construction and Visual Figure Delayed Recall and Recognition in Primary Progressive Aphasia. (*In Press*). *Aphasiology*.
- Kim, K., Adams, L., Wright, A., Wright, A., **Sheppard, S.M.**, Breining, B.L., Rorden, C., Fridriksson, J., Bonilha, L., Rogalsky, C., Love, T., Hickok, G. & Hillis, A.E. (2019). Neural processing critical for distinguishing between speech sounds. *Brain & Language*, 197, 104677.
- Keator, L.M., Wright, A.E., Saxena, S., Kim, K., Demsky, C., Sebastian, R., **Sheppard, S.M.**, Breining, B., Hillis, A.E., & Tippet, D.C. (2019). Distinguishing logopenic from semantic and nonfluent variant primary progressive aphasia: Patterns of linguistic and behavioral correlations. *Neurocase*, 25(3), 98-105.
- Odolil, A., Wright, A.E., Keator, L.M., **Sheppard, S.M.**, Breining, B., Tippet, D.C., & Hillis, A.E. (2019). Leukoaraiosis severity predicts rate of decline in primary progressive aphasia. *Aphasiology*. <http://doi.org/10.1080/02687038.2019.1594152>
- Wright A.E., Saxena, S., **Sheppard, S.M.**, & Hillis, A.E. (2018). Selective impairments in components of affective prosody in neurologically impaired individuals. *Brain and Cognition*, 124, 29-36.

- Patel, S., Oishi, K., Wright, A., Sutherland-Foggio, H., Saxena, S., **Sheppard, S.M.**, & Hillis, A.E. (2018). Right hemisphere regions critical for expression of emotion through prosody. *Frontiers in Neuroscience*, 9, 224.
- Sheppard, S.M.**, Midgley, K.J., Love, T., Shapiro, L.P., & Holcomb, P.J. (2018). Electrophysiological evidence for the interaction of prosody and thematic fit during sentence comprehension. *Language, Cognition, & Neuroscience*, 33(5), 547-562. <http://doi.org/10.1080/23273798.2017.1390143>
- Sheppard, S.M.**, Love, T., Midgley, K.J., Holcomb, P.J., & Shapiro, L.P. (2017). Electrophysiology of prosodic and lexical-semantic processing during sentence comprehension in aphasia. *Neuropsychologia*, 107, 9-24.
- Sheppard, S.M.**, Walenski, M., Love, T., & Shapiro, L.P. (2015). The auditory comprehension of wh-questions in aphasia: Support for the intervener hypothesis. *Journal of Speech, Language and Hearing Research*, 58, 781-797.

Manuscripts Under Review

- Sheppard, S.M.**, Kim, K.T., Breining, B.L., Keator, L.M., Meier, E.L., Tang, B., Caffo, B.S., & Hillis, A.E. (*Under Review*). Neural Correlates of Syntactic Comprehension: A Longitudinal Study.

ADDITIONAL PUBLICATIONS

- Sheppard, S.M.**, & Hillis, A.E. (2018). Commentary: That's right! Language comprehension beyond the left hemisphere. *Brain*, 141, 3280-3289.
- Sheppard, S.M.** (2017). *Making Learning Personal for All: Supporting research-based personalization for reading success*. Washington, DC. Digital Promise Global.
http://digitalpromise.org/wp-content/uploads/2017/07/lps-reading_success_july102017.pdf

PEER-REVIEWED PRESENTATIONS

- Sheppard, S.M.**, Patel, S., Parra, D., & Hillis, A.E. (2019). *Cues to Improve Emotional Prosody After Right Frontal Strokes*. Oral data blitz presentation presented at the Annual American Neurological Association Conference, St. Louis, MO.
- Sheppard, S.M.**, Ahn, J., Parra, D., Hillis, A.E., & Patel, S. (2019). *Does Cuing Enhance Emotion Communication After Right Hemisphere Stroke?* Poster to be presented at the American Speech-Language Hearing Association Convention in Orlando, FL.
- Goldberg, E.B., Meier, E.L., **Sheppard, S.M.**, Breining, B.L., & Hillis, A.E. (2019). *Stroke Recurrence & its relationship with Acute & Chronic Language Abilities: A Retrospective Study*. Oral presentation to be presented at the American Speech-Language Hearing Association Convention in Orlando, FL.
- Sebastian, R., Kim, J.H., Tippet, D.C., **Sheppard, S.M.**, Keator, L.M., Wright, A., Celnik, P.A., & Hillis, A.E. (2019). *Cerebellar tDCS and Change in Functional Communication Skills*. Poster presented at 49th Annual Clinical Aphasiology Conference, Whitefish, MT.
- Meier, E.L., Breining, B.L., **Sheppard, S.M.**, Goldberg, E.B., Faria, A.V., & Hillis, A.E. (2019). *Ventricular Enlargement Predicts Naming in Primary Progressive Aphasia Independent of Cortical Atrophy*. Oral presentation presented at the 49th Annual Clinical Aphasiology Conference, Whitefish, MT.
- Goldberg, E.B., Meier, E.L., **Sheppard, S.M.**, Breining, B.L., & Hillis, A.E. (2019). *Stroke Recurrence and its Relationship with Acute Language Abilities: A Retrospective Study*. Oral presentation presented at the 49th Annual Clinical Aphasiology Conference, Whitefish, MT.
- Sheppard, S.M.**, Kim, K., Keator, L.M., Breining, B.L., Hillis, A.E. (2018). *Neural Correlates of Sentence Comprehension Recovery: A Longitudinal Study*. Poster presented at the 56th Annual Meeting of the Academy of Aphasia, Montreal, Canada.
- Keator, L.M., Faria, A.V., Kim, K., Saxena, S., Wright, A., **Sheppard, S.M.**, Breining, B.L., Sebastian, R., Tippet, D.C., & Hillis, A.E. (2018). Poster presented at the 56th Annual Meeting of the Academy of Aphasia, Montreal, Canada.

- Keator, L.M., Wright, A., Saxena, S., Kim, K., Sebastian, R., **Sheppard, S.M.**, Breining, B.L., Hillis, A.E., & Tippet, D.C. (2018). *Differentiating Subtypes of Primary Progressive Aphasia on Language and Behavioral Testing*. Oral presentation presented at the American Speech-Language Hearing Association Convention in Boston, MA.
- Suarez, A., Saxena, S., Kim, K., Keator, L., **Sheppard, S.M.**, Wright, A., & Hillis, A.E. (2018). *Anatomical Correlates of Viewer-centered and Stimulus-centered Hemispatial Neglect After Right Hemisphere Acute Ischemic Stroke*. Poster presented at the 11th Annual World Stroke Congress, Montreal, Canada.
- Sheppard, S.M.**, Keator, L.M., Breining, B.L., Kim, K., Saxena, S., Tippet, D., Wright A., & Hillis, A.E. (2018). *Neural Correlates of Impaired Emotional Prosody Recognition in Acute Right Hemisphere Stroke*. Poster and oral poster slam presented at the at the 10th Annual Society for the Neurobiology of Language Conference, Quebec City, Canada.
- Keator, L., **Sheppard, S.M.**, Kim, K., Saxena, S., Wright, A., Hillis, A.E. (2018). *Predictive Neural Correlates of Action Naming and Recovery in Chronic Stroke Patients*. Poster to be presented at the at the 10th Annual Society for the Neurobiology of Language Conference, Quebec City, Canada.
- Kim, K., **Sheppard, S.M.**, Breining, B.L., Saxena, S., Wright, A., & Hillis, A.E. (2018). *The Neural Basis of Sentence Comprehension Recovery from Acute to Chronic Stroke*. Poster to be presented at the 48th Clinical Aphasiology Conference in Austin, TX.
- Breining, B., **Sheppard, S.M.**, Sebastian, R., Keator, L.M., Kim, K., Saxena, S. Wright, A., Tippet, D.C., & Hillis, A.E. (2018). *Patterns of Impairment in Spoken and Written Naming of Nouns and Verbs in Three Variants of Primary Progressive Aphasia*. (2018). Poster to be presented at the 48th Clinical Aphasiology Conference in Austin, TX.
- Keator, L.M., Sebastian, R., Wright, A., Saxena, S., Kim, K., **Sheppard, S.M.**, Breining, B.L., Hillis, A.E., & Tippet, D.C. (2018). Poster to be presented at the 48th Clinical Aphasiology Conference in Austin, TX.
- Sheppard S.M.**, Love, T., Midgley, K.J., Marinkovic, K., Holcomb, P., & Shapiro, L.P. (2017). *Temporal Neural Dynamics of Lexical-Semantic and Syntactic Processing in Aphasia*. Oral presentation at the 47th Clinical Aphasiology Conference, Snowbird, UT.
- Sheppard, S.M.**, Love, T., Midgley, K.J., Shapiro, L.P., & Holcomb, P.J. (2017). *Electrophysiology of Prosodic and Lexical Influences on Sentence Processing in Broca's Aphasia*. Poster presented at the 24th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Sheppard, S.M.**, Midgley, K.J., Love, T., Shapiro, L.P., & Holcomb, P.J. (2016). *Interaction of Prosodic and Plausibility Cues During Sentence Processing: Evidence from ERPs*. Poster presented at the 23rd Annual Meeting of the Cognitive Neuroscience Society, New York, NY.
- Sheppard, S.M.**, Midgley, K.J., Love, T., Yang, D., Holcomb, P.J., & Shapiro, L.P. (2015). *Electrophysiology of Sentence Processing in Aphasia: Prosodic Cues and Thematic Fit*. Poster presented at the 53rd Annual Meeting of the Academy of Aphasia, Tucson, AZ.
- Shapiro, L.P., Love, T., **MacKenzie, S.**, & Sullivan, N. (2015). *Sentence Comprehension in Aphasia: The Intervener Hypothesis*. Oral presentation at the Experimental Psycholinguistics Conference, Madrid, Spain.
- MacKenzie, S.**, Walenski, M., Love, T., Ferrill, M., Engel, S., Sullivan, N., Harris Wright, H. & Shapiro, L.P. (2014). *The Impact of Similarity-based Interference in Processing Wh-questions in aphasia*. Poster presented at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL.
- Sullivan, N., Walenski, M., **MacKenzie, S.**, Ferrill, M., Love, T. & Shapiro, L. (2014). *The Time-course of Lexical Reactivation of Unaccusative Verbs in Broca's Aphasia*. Poster presented at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL.
- Ferill, M., Love, T., Sullivan, N., **MacKenzie, S.**, & Shapiro, L. (2014). *The Effect of Syntactic and Semantic Cues on Lexical Access in Broca's Aphasia*. Poster presented at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL.
- Sullivan, N., **MacKenzie, S.**, Walenski, W., Love, T. & Shapiro, L. (2014). *The Auditory Processing of Unaccusative Verbs in Individuals with Aphasia*. Poster presented at the 44th Clinical Aphasiology Conference, St. Simons, GA.

- MacKenzie, S.,** Walenski, M., Love, T., & Shapiro, L. (2013). *The Auditory Comprehension of Who and Which-NP Questions in Aphasia: Support for the Intervener Hypothesis*. Poster presented at the 5th Annual Society for the Neurobiology of Language Conference, San Diego, CA.
- MacKenzie, S.,** Gutierrez, R., Walenski, M., Love, T., & Shapiro, L. (2013). *The Auditory Comprehension of Who and Which-NP Questions in People with Aphasia: Which Account do the Data Support?* Poster presented at the 43rd Clinical Aphasiology Conference, Tucson, AZ.
- MacKenzie, S.,** Gutierrez, R., Walenski, M., Love, T., & Shapiro, L. (2013). *The Auditory Comprehension of Who and Which-NP Questions in Neurologically Unimpaired Listeners: Which Account do the Data Support?* Poster presented at the 11th International Symposium of Psycholinguistics. Tenerife, Spain.

ADDITIONAL PRESENTATIONS

- MacKenzie, S.,** Gutierrez, R., Walenski, M., Love, T., & Shapiro, L. (2013). *The Auditory Comprehension of Who and Which-NP Questions in Broca's Aphasia: Support for the Intervener Hypothesis*. Oral presentation at the 17th annual SDSU/UCSD Joint Doctoral Program in Language & Communicative Disorders Student Colloquium, San Diego, CA.
- MacKenzie, S.,** Walenski, M., Love, T., & Shapiro, L. (2013). *The Auditory Comprehension of Who and Which-NP Questions in Aphasia: Support for the Intervener Hypothesis*. Oral presentation at the 6th annual San Diego State University Student Research Symposium, San Diego, CA.
- MacKenzie, S.,** Gutierrez, R., Walenski, M., Love, T., & Shapiro, L. (2013). *The Auditory Comprehension of Who and Which-NP Questions in People with and without Aphasia: Which Account do the Data Support?* Oral presentation at the 36th annual San Diego State University Linguistics Colloquium, San Diego, CA.
- MacKenzie, S.,** Gutierrez, R., Walenski, M., Love, T., & Shapiro, L. (2012). *The Auditory Comprehension of Who and Which-NP Questions: Which Account do the Data Support?* Oral presentation at the 16th annual SDSU/UCSD Joint Doctoral Program in Language & Communicative Disorders Student Colloquium, San Diego, CA.

TEACHING EXPERIENCE

Instructor

Graduate Courses:

- 2016 Acquired Neurological Language & Cognitive Disorders: Stroke (*San Diego State University*)
- 2016 Acquired Neurological Language & Cognitive Disorders: Traumatic Brain Injury (*San Diego State University*)

Undergraduate Courses:

- 2014 Language Development and Disorders (*San Diego State University*)
- 2012 Introduction to Psychology (*University of California, San Diego – Academic Connections Program*)

Graduate Teaching Assistant

- 2014 Introduction to Language Science (*San Diego State University*)

PROFESSIONAL TRAINING

- 2018 FreeSurfer training for analysis of structural and functional neuroimaging data, Massachusetts General Hospital, Boston, MA
- 2015 ERP Boot Camp, UC Davis Center for Mind and Brain, Davis, CA
- 2013 Analysis of Functional NeuroImages (AFNI) training, National Institutes of Health (NIH), Bethesda, MD
- 2012 E-Prime Software training, Psychology Software Tools, Philadelphia, PA

METHODS TRAINING

- Electroencephalography (EEG) and Event-related brain potentials (ERPs)
- Transcranial Direct Current Stimulation (tDCS)
- Magnetic Resonance Imaging (MRI)
- Magnetoencephalography (MEG)
- Eye-tracking
- Cross-modal priming
- Accuracy and response time measures

CLINICAL EXPERIENCE - SPEECH-LANGUAGE PATHOLOGY

2017-2019	Clinical Fellow – Department of Neurology, Johns Hopkins School of Medicine, Baltimore, MD
2015-2016	Graduate Student Externship - El Camino Creek Elementary School, Carlsbad, CA
2015	Graduate Student Externship - Sharp Grossmont Hospital, La Mesa, CA
2014-2015	Graduate Student - Speech and Language Clinic, San Diego State University, San Diego, CA

ADDITIONAL POSITIONS

2016-2019	Research Consultant – Digital Promise (educational research non-profit organization)
-----------	--

SERVICE

Peer review for: *Journal of Communication Disorders; Language, Cognition, and Neuroscience; Second Language Research; NeuroImage – Clinical, and European Journal of Neuroscience; Neuropsychologia; Journal of Communication Disorders*

CERTIFICATIONS

2019-Current	Certificate of Clinical Competence - Speech Language Pathology American Speech-Language-Hearing Association
--------------	--

PROFESSIONAL MEMBERSHIPS

Member, Society for the Neurobiology of Language
Member, Academy of Neurologic Communication Disorders and Sciences
Member, American Speech-Language-Hearing Association