

Nathan D. Maxfield

EDUCATION

City University of New York - Graduate Center

Ph.D., Speech & Hearing Science

New York, NY

October 2005

University of South Florida

M.S., Speech-Language Pathology

Tampa, FL

December 1998

University of South Florida

B.S. with distinction, Comm. Sciences & Disorders

Tampa, FL

May 1996

RESEARCH AND CLINICAL INTERESTS

My primary clinical emphasis is in working with people who stutter. My primary research emphasis is in cognitive neuroscience. One line of my research has involved using brain event-related potentials (ERPs) to study real-time language and cognitive processing in adults who stutter and (more recently) in children who stutter. Another line of my research has involved using ERPs to investigate how healthy adult listeners process and interpret sentences containing disfluencies. I also collaborate on a variety of other research utilizing a cognitive neuroscience approach. Clinically, I inherited and direct a summer intensive program for stuttering based on Charles Van Riper's treatment principles and designed by two of his protégés (Pat Sacco and Harold Starbuck). I also direct all non-intensive preschool, school-age and adolescent/adult fluency evaluation and therapy services in the University of South Florida Speech Clinic. I am developing new lines of research aimed at improving outcomes in traditional treatments for stuttering, in addition to developing novel treatments for stuttering.

CLINICAL CERTIFICATION AND LICENSURE

Certificate of Clinical Competency in Speech-Language Pathology (CCC-SLP),
American Speech-Language-Hearing Association

Professional licensure to practice Speech-Language Pathology in Florida

RESEARCH, TEACHING, AND PROFESSIONAL EXPERIENCE

University of South Florida

Associate Professor, tenured

Assistant Professor

Instructor

Tampa, FL

August 2012 - present

January 2006 – May 2012

August – December 2005

City University of New York - Graduate Center

Research Assistant/Project Manager

*funded by a sub-contract awarded to Loraine Obler
by the **Center for Advanced Studies of Language**

New York, NY

August 2003 – July 2005

Mount St. Ursula Center for Speech Communication

Clinical Fellow in Speech-Language Pathology

Bronx, NY

October 2000 – July 2001

University of South Florida

Teaching Assistant

Dept. of Communication Sciences & Disorders

Tampa, FL

August 1996 – July 1998

Fluency Management Program (Pat Sacco, director)

Resident Assistant

Tampa, FL

July 1994, '95, '96, '97, '98

HONORS

2012 Speech-Language Pathologist of the Year, National Stuttering Association

FELLOWSHIPS

Stuttering Foundation of America, Dissertation Fellowship Recipient (2004)

NIH Predoctoral Training Grant Recipient (Ruth L. Kirschstein Training Grant; Irving Hochberg and Richard Schwartz, CUNY Graduate Center, were the Co-P.I.'s on the training grant) (1998-2003)

AWARDED RESEARCH GRANTS

R56, NIH-NIDCD: Processing Repair Disfluencies in Normal and Disordered Speech.
PI: *Fernanda Ferreira*, Co-I: *Maxfield*. Reviewed and scored: *Originally submitted as an R01, a revision of the application was reviewed Spring 2014.* Impact/Priority score: 23.
Status: *Direct costs of \$100,000 were awarded in the form of a bridge grant.*

Curriculum vitae: Nathan D. Maxfield (nmaxfield@usf.edu, 813-409-5327)

R03, NIH-NIDCD: Picture Naming Electrified: Brain Electrophysiological Correlates of Psycholinguistic Planning in Adults who Stutter. PI: Maxfield Reviewed and scored: January 14, 2010. Impact/Priority score: 26. Direct costs: \$300,000 Status: Project began July 2011, was renewed in 2012 and 2013, was in no-cost extension until 2014.

New Investigator Award, University of South Florida (awarded Spring 2008): *Neural correlates of semantic and phonological encoding in adults who stutter.* Amount: \$4556

*I have also had two NIH-NIDCD R01 applications scored but not yet funded.

RESEARCH GRANT APPLICATIONS CURRENTLY UNDER REVIEW

R01, NIH-NIDCD: Prediction and Integration in Processing Sentences Produced with Stuttering (co-PI: Fernanda Ferreira, U. California-Davis).

RESEARCH GRANT APPLICATIONS IN PREPARATION

R01, NIH-NIDCD: Selection and Post-Selection Control of Speech Production in Adults who Stutter.

CONSULTING WORK ON GRANT-FUNDED RESEARCH

Since 2009, I have been a paid consultant with the Department of Health Outcomes and Behavior at the University of South Florida's Moffitt Cancer Center. My role involves contributing to study designs, training research staff to record and process brain event-related potentials, and analyzing brain event-related potential data, in various research projects funded by NIH-NIDA or the State of Florida Department of Health (co-PIs: David Drobos and David Evans). The studies focus on effects of nicotine withdrawal/satiation on cognitive functioning.

JOURNAL ARTICLES PUBLISHED

Lowder, M. W., Maxfield, N. D., & Ferreira, F. (2020). Processing of self-repairs in stuttered and non-stuttered speech. *Language, Cognition and Neuroscience*, 35(1), 93-105.

Lucey, J., Evans, D., & Maxfield, N. D. (2019). Temperament in Adults Who Stutter and Its Association With Stuttering Frequency and Quality-of-Life Impacts. *Journal of Speech, Language, and Hearing Research*, 62(8), 2691-2702.

Maxfield, N. D., & Ferreira, F. (published online December 2018, appeared in print 2019). Backward-looking sentence processing in typically disfluent versus stuttered speech: ERP evidence. *Language, Cognition and Neuroscience*, 34(5), 561-579.

Maxfield, N.D. (2017). Semantic and phonological encoding times in adults who stutter: Brain electrophysiological evidence. Journal of Speech, Language and Hearing Research, 60(10), 2906-2923.

Maxfield, N. D., Olsen, W. L., Kleinman, D., Frisch, S. A., Ferreira, V. S., & Lister, J. J. (2016). Attention demands of language production in adults who stutter. Clinical Neurophysiology, 127(4), 1942-1960.

Frisch, S. A., Maxfield, N., & Belmont, A. (2016). Anticipatory coarticulation and stability of speech in typically fluent speakers and people who stutter. Clinical Linguistics & Phonetics, 30(3-5), 277-291.

Bugos, J. A., Kochar, S., & Maxfield, N. (2015). Intense piano training on self-efficacy and physiological stress in aging. Psychology of Music, 44(4), 611-624.

Maxfield, N. D., Morris, K., Frisch, S. A., Morphew, K., & Constantine, J. L. (published online May 2014, appeared in print February 2015). Real-time processing in picture naming in adults who stutter: ERP evidence. Clinical Neurophysiology, 126(2), 284-296.

Evans, D.E., Maxfield, N.D., Van Rensburg, K.J., Oliver, J.A., Jentink, K.J., & Drobles, D.J. (2013). Nicotine deprivation influences P300 markers of cognitive control. Neuropsychopharmacology, 38, 2525-2531.

O'Brien, J.L., Edwards, J.E., Maxfield, N.D., Williams, V., Peronto, C.L., & Lister, J.J. (2013). Cognitive training and selective attention in the aging brain: An electrophysiological study. Clinical Neurophysiology, 124, 2198-2208.

Maxfield, N.D., Pizon-Moore, A., Frisch, S., & Constantine, J. (2012). Exploring semantic and phonological picture-word priming in adults who stutter using event-related potentials. Clinical Neurophysiology, 123, 1131-1146.

Lister, J., Maxfield, N.D., Pitt, G., & Gonzalez, V. (2011). Auditory evoked response to gaps in noise: Older adults. International Journal of Audiology, 50, 211-225.

Maxfield, N.D., Huffman, J., Frisch, S., & Hinckley, J. (2010). Neural correlates of semantic activation spreading on the path to picture naming in adults who stutter. Clinical Neurophysiology, 121, 1447-1463.

Maxfield, N.D., Lyon, J.M., & Silliman, E.R. (2009). Disfluencies along the garden path: Brain electrophysiological evidence of disrupted sentence processing. Brain and Language, 111, 86-100.

Evans, D.E., Park, J. Y., Maxfield, N., & Drobles, D.J. (published online October 2008, appeared in print January 2009). Neurocognitive variation in smoking behavior: Genetic and affective moderators. Genes, Brain, & Behavior, 8(1), 89-96.

Curriculum vitae: Nathan D. Maxfield (nmaxfield@usf.edu, 813-409-5327)

Lister J.J., Maxfield N.D., Pitt G.J. (2007). Cortical evoked response to gaps in noise: Within-channel and across-channel conditions. Ear & Hearing, 28, 862-878.

Blumenthal, P., Bradley, P., Britt, T., Cohen, J., Maxfield, N., McCubbin, J., Michael, E., Moore, P., Obler, L., Pilcher, J., Signorelli, T., Wallsten, T. (2006). Stress effects on bilingual language-professionals' performance. International Journal of Bilingualism, 10(4), 477-495.

Hestvik, A., Maxfield, N., Schwartz, R., Shafer, V. (2006). Brain responses to filled gaps. Brain and Language, 100(3), 301-316.

BOOK CHAPTERS

Shafer, V.L., Zane, E. & Maxfield, N.D. (2017). Neuroscience methods. In R.G. Schwartz (Ed.), The Handbook of Child Language Disorders, Second Edition (pp. 577-600). New York: Psychology Press.

Maxfield, N. D. (2015). The Speaking Mind/Brain in Stuttering. Routledge Handbook of Communication Disorders. New York: Routledge.

Shafer, V.L. & Maxfield, N.D. (2008). Neuroscience methods. In R.G. Schwartz (Ed.), The Handbook of Child Language Disorders, (pp. 532-548). New York: Psychology Press.

PUBLISHED ABSTRACTS

Frisch, S. A., & Maxfield, N. D. (2017). Velar-vowel coarticulation across the lifespan and in people who stutter: Findings and model. The Journal of the Acoustical Society of America, 141(5), 3747.

Frisch, S., Allen, M., Betancourt, K., & Maxfield, N. (2016). A preliminary investigation of velar-vowel coarticulation in Spanish-English Bilinguals. The Journal of the Acoustical Society of America, 140(4), 3228.

Frisch, S., Massey, J., & Maxfield, N. (2016). Speech stability as a characteristic of the individual. The Journal of the Acoustical Society of America, 140(4), 3228.

Luque, J.S., Maxfield, N., Lister, J.J., & Rogers, C.L. (2016). Clear speech benefits for perception of center-only and edge-only syllables. The Journal of the Acoustical Society of America, 140(4), 2046-2047.

Shary, M.R., Betancourt, K.S., Frisch, S.A., & Maxfield, N.D. (2016). Interspeech posture in Spanish-English bilingual adults. The Journal of the Acoustical Society of America, 140(4), 2051.

Belmont, A., Frisch, S. A., & Maxfield, N. (2015). Coarticulation and speech stability for three lifespan groups. The Journal of the Acoustical Society of America, 139(4), 2268.

Pilcher, J.J., McClelland, E., Ihlenfeldt, K., Maxfield, N.D., & McCubbin, J.A. (2005). Language-related performance during a night of sleep deprivation. Sleep, 28, A126.

DEVELOPMENT ACTIVITY

Since 2008, I have co-hosted monthly meetings of the Tampa Bay chapter of the National Stuttering Association (NSA). In addition, I have organized and hosted an annual 'Youth and Family Fun Day' event for children who stutter and their families (currently in its ninth year). To date, these community outreach activities have inspired three different gifts to USF from private donors. In 2010, a local family established the *USF Seckel-West Fluency Disorders Scholarship*, which supports graduate student research in childhood stuttering. In 2017 and again in 2019, another donor provided nearly \$200K to support student research in stuttering as well as clients who stutter in need of therapy (*Dr. Fredrick P. Murray Fund*). Most recently, in 2019, a third donor contributed \$5K to support research in adulthood stuttering (*Marcadis Family Fund*).

OTHER PROFESSIONAL ACTIVITIES

- In 2011, I began serving as Director of the Program for the Advanced Treatment of Stuttering (PATS). PATS is an intensive treatment program for stuttering, designed around Charles Van Riper's treatment principles. For nearly 30 years, PATS was directed by Pat Sacco and Harold Starbuck, a student of Van Riper. PATS was the subject of several articles published by Sacco and Metz. In 2017, Mr. Sacco transferred the copyright for the PATS Program Clinician and Therapy Manuals to me.
- Since 2011, I have worked on a continuous overload assignment, providing Clinical Instruction to graduate students in the USF Speech Clinic. In that time, I've supervised 200-300 hours of evaluations and therapy for people who stutter across the lifespan, annually, in both weekly (non-intensive) formats and intensive formats.
- In 2013, I began serving on the Research Committee of the National Stuttering Association (NSA-RC). In Spring 2018, I was invited to serve as NSA-RC Co-Chair.
- In Winter 2017, I was invited by Krista Wilkinson to be Guest Editor for two articles submitted for a forthcoming special issue of the American Journal of Speech-Language-Pathology.
- In Spring 2018, I was invited by Scott Yaruss to serve on the Editorial Board for the Journal of Speech-Language-Hearing Research; during my term I reviewed more than a dozen articles in speech production and fluency disorders.

- In Spring 2020, I was invited by Julie Andersen to serve a second term on the Editorial Board for the Journal of Speech-Language-Hearing Research.
- I've been a reviewer for several journals including:
 - Clinical Neurophysiology (frequent reviewer)
 - Journal of Speech-Language-Hearing Research (frequent reviewer)
 - Journal of Fluency Disorders (frequent reviewer)
 - Psychophysiology
 - Clinical Linguistics and Phonetics
 - Exceptional Children
 - Topics in Language Disorders
 - Journal of the Association for Research in Otolaryngology
- Reviewer for the 2008 ASHA Convention, Adult Language Disorders Topics (invited by Jacqueline Hinckley).
- Reviewer for the 2011, 2014, and 2017 ASHA Conventions, Fluency Disorders Topics (invited by Barry Guitar, Nan Bernstein-Ratner, and Rod Gabel, respectively).
- Since 2006, I've served as Faculty Advisor for the USF Chapter of the National Student Speech-Language-Hearing Association (NSSLHA-USF).
- In 2012, I served as Interim Director of the University of South Florida's PhD Program in Communication Sciences Disorders; during that time, I drafted the program's first progress report to the State of Florida.
- Served on various committees in the USF CSD program, including the faculty evaluation committee (member and chair), several search committees, and curriculum and development committees for the undergraduate, graduate and PhD programs.
- Since 2017, have served as an internal (department) reviewer for new IRB applications
- Served on a Distinguished University Professor nominating committee at the University of South Florida in 2011.

PRESENTATIONS

International

Frisch, S., Massey, J., & Maxfield, N. (2016). Speech stability as a characteristic of the individual. *Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, HI, November 2016.*

Frisch, S., Allen, M., Betancourt, K., & Maxfield, N. (2016). A preliminary investigation of velar-vowel coarticulation in Spanish-English Bilinguals. *Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, HI, November 2016.*

Luque, J.S., Maxfield, N., Lister, J.J., & Rogers, C.L. (2016). Clear speech benefits for perception of center-only and edge-only syllables. *Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, HI, November 2016.*

Shary, M.R., Betancourt, K.S., Frisch, S., & Maxfield, N. (2016). Interspeech posture in Spanish-English bilingual adults. *Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, HI, November 2016.*

Frisch, S., Belmont, A., Reddick, K., & Maxfield, N. (2015). Speech stability, coarticulation, and speech errors in a large number of talkers. *Paper presented at Ultrafest VII, University of Hong Kong, December 2015.*

Frisch, S., Belmont, A., & Maxfield, N. (2013). Velar coarticulation and tongue twisters in people who stutter 2: Disfluent utterances. *Paper presented at Ultrafest VI, University of Edinburgh, November 2013.*

Frisch, S., Belmont, A., & Maxfield, N. (2013). Velar coarticulation and tongue twisters in people who stutter 1: Fluent utterances. *Paper presented at Ultrafest VI, University of Edinburgh, November 2013.*

International presentations pre-dating 2013

Drobes, D. J., Evans, D. E., & Maxfield, N. (2006). Nicotine deprivation, smoking status, and ERP indices of attention. *Paper presented at the Annual Meeting of the European Society for Research on Nicotine and Tobacco, Kusadasi, Turkey.*

Drobes, D. J., Evans, D. E., & Maxfield, N. (October 2006). Abstinence from smoking and ERP indices of attention. *Paper presented at the Annual Meeting of the Society for Psychophysiological Research, Vancouver, Canada.*

DeVore, S, Maxfield N., & Donchin, E. (Oct 2006). Does The Degree To Which The Commission Of An Error Violates Expectations Affect the Error Related Negativity. *Poster presented at the Society of Psychophysiological Research meeting, Vancouver, Canada.*

National

2019 American Speech-Language-Hearing Association (ASHA) Convention

Maxfield, N.D. (2019). A practical guide to stuttering modification (Technical Clinical Session).

Maxfield, N.D. (2019). Language production in adults who stutter: A summary of brain electrophysiological findings (Technical Research Session).

Rankin, C. & Maxfield, N.D. (2019). Script training in adults who stutter: A follow-up (poster).

2018 American Speech-Language-Hearing Association (ASHA) Convention

Maxfield, N.D. (2018). Programming Van Riper: Using Pat Sacco's Innovations in intensive Stuttering Treatment to Enrich Your Therapeutic Approach (Technical Clinical Presentation).

Maxfield, N.D. (2018). Inhibitory executive function in adults who stutter: Behavioral and ERP evidence (poster).

Maxfield, N.D. (2018). Inhibitory contributions to lexical selection in adults who stutter: Behavioral and ERP evidence (poster).

Rankin, C. & Maxfield, N.D. (2018). Script training for adults who stutter (poster).

Lucey, J. & Maxfield, N.D. (2018). The relationship between temperament and stuttering in adults (poster).

2017 Acoustical Society of America (ASA) Conference

Frisch, S. A. & Maxfield, N. (2017). Velar-vowel coarticulation across the lifespan and in people who stutter: Findings and model. Poster presented at the 173rd Meeting of the Acoustical Society of America. Boston, MA.

2016 American Speech-Language-Hearing Association (ASHA) Convention

Olsen, W., Frisch, S., & Maxfield, N.D. (2016). General Attentional Abilities That Predict Language Production in Adults Who Stutter (poster).

Olsen, W., Turner, K., Dyjak, M. Frisch, S., & Maxfield, N. (2016). Brain Electrophysiological Correlates of Inhibitory Control in Lexical Retrieval in Adults Who Stutter (poster).

Maxfield, N.D., Lowder, M., & Ferreira, F. (2016). Processing of Self-Repairs in Stuttered & Non-Stuttered Speech (poster).

Maxfield, N.D., Lowder, M., Olsen, W., & Ferreira, F. (2016). Real-Time Processing & Interpretation of Garden Path Sentences Containing Stuttering-Like Disfluencies (poster).

2015 ASA Conference

Belmont, A., Frisch, S. A., & Maxfield, N. (2015). Coarticulation and speech stability for three lifespan groups. Poster presented at the 170th Meeting of the Acoustical Society of America. Jacksonville, FL.

2014 ASHA Convention

Graepel, J., Kordell, J., & Maxfield, N.D. (2014). Does Mindfulness Predict Stuttering Modification Skill Transfer in Children Who Stutter? (poster).

Kordell, J., Graepel, J., & Maxfield, N.D. (2014). Implementing Mindfulness Training & Use of Stuttering Modification Techniques With Children Who Stutter (poster).

Olsen, W., Frisch, S., & Maxfield, N.D. (2014). Attentional Allocation in Language Processing in Adults Who Stutter: ERP Evidence (poster).

Morphew, K. & Maxfield, N.D. (2014). Attentional Allocation in Language Processing in Children: ERP Evidence (poster).

Maxfield, N.D. (2014). Real-Time Processing in Action Naming in Adults Who Stutter: ERP Evidence (poster).

Maxfield, N.D. (2014). Real-Time Processing in Object Naming in Adults Who Stutter: ERP Evidence (technical session).

Beal, D., Maxfield, N.D., Wray, A.H., & DeNil L. (2014). Plasticity: Understanding Human Capacity for Neural & Behavioral Change & Its Importance for Stuttering Treatment (invited 2-hour session).

2013 ASHA Convention

Morphew, K. & Maxfield, N.D. (2013). Picture-Naming Electrified in Children Who Stutter (poster).

Maxfield, N.D. (2013). Electrophysiological Estimates of the Time-Course of Semantic & Phonological Encoding in Adults Who Stutter (poster).

Maxfield, N.D. (2013). Central bottleneck influences on word production stages in adults who stutter: ERP evidence (poster).

Maxfield, N.D. (2013). Masked Priming Effects on Picture-Name Encoding in Adults Who Stutter: ERP Evidence (poster).

Maxfield, N.D. (2013). Picture naming electrified in aging adults who stutter (poster).

Maxfield, N.D. (2013). Do Lexical Codes Activate When Naming Is Not Required? ERP Evidence From Adults Who Stutter (poster).

Maxfield, N.D. (2013). Information Flow in the Mental Lexicons of Adults Who Stutter: Evidence From Event-Related Potentials (poster).

Maxfield, N.D. (2013). Neurocognitive Processing Bottlenecks in Speech Multitasking (technical session).

Maxfield, N.D. (2013). Central Bottleneck Influences on Word-Production Stages in Children: ERP Evidence (technical session).

National presentations pre-dating 2013

Williams, V., Lister, J. J., O'Brien, J. L., Maxfield, N. D., & Nikjeh, D. Auditory Training: Evidence in the P1-N1-P2 cortical potentials. *Poster presented at the Annual Meeting of the American Academy of Audiology, Chicago, Illinois, April 2011.*

O'Brien, J. L., Edwards, J. E., Maxfield, N. D., Karidas, S., Williams, V., & Lister, J. J. Effects of cognitive training on attention allocation and speed of processing in older adults: An ERP study. *Poster presented at the Tenth Annual Meeting of the Vision Sciences Society, Naples, Florida, May 2011.*

Evans, D.E., Maxfield, N., Ornduff, R., Garcia, N., Park, J.Y., & Drobles, D.J. (October 2010). An ERP index of attentional bias to negative affect words among smokers. *Poster presented at the Annual Meeting of the Society for Psychophysiological Research, Portland, OR.*

Maxfield et al. (2009). Does temperament modulate neural error processing in adults who stutter? *Poster presented to the American Speech Language Hearing Association 2009 Convention, New Orleans, LA.*

Maxfield et al. (2009). Picture-word priming effects on N400 activation in adults who stutter. *Poster presented to the American Speech Language Hearing Association 2009 Convention, New Orleans, LA.*

Maxfield et al. (2009). Predictability and neighborhood density affect neural word processing in noise. *Poster presented to the American Speech Language Hearing Association 2009 Convention, New Orleans, LA.*

Maxfield et al. (2009). Neural processing of semantic and phonological information in noisy speech. *Poster presented to the American Speech Language Hearing Association 2009 Convention, New Orleans, LA.*

Lister, J. & Maxfield, N. (2009). Losing Time: Neural Correlates of Age-Related Temporal Resolution Deficits. *Technical session presented to the American Speech Language Hearing Association 2009 Convention, New Orleans, LA.*

Lister, J. & Maxfield, N. (2009). Age-related auditory temporal resolution deficits: Neural manifestations. *Aging and Speech Communication, An International and Interdisciplinary Conference, Bloomington, IN.*

VanDyke, J.M. & Maxfield, N.D (November 2008). Disfluencies along the garden path: Behavior and brain electrophysiological evidence for disrupted syntactic processing. *Poster presented at the American Speech-Language-Hearing Association (ASHA) national conference.*

Evans, D. E., Farag M. N., Oliver, J. A., Maxfield, N., Park, J. Y. Park, & Drobles, D. J. (October 2008). Attentional bias to smoking cues: ERP and genetic correlates. *Symposium to presented at the Annual Meeting of the Society for Psychophysiological Research, Austin, Texas.*

Evans, D.E., Maxfield, N., Johnston, J., Rix, C., & Drobles, D.J. (April 2007). Automatic attention to smoking cues: Neural correlates. *Poster presented at the Annual Meeting of the Nebraska Symposium on Motivation, Lincoln, Nebraska.*

Evans, D.E., Maxfield, N., Rix, C., Johnston, J., & Drobles, D.J. (October 2007). Neural correlates of automatic attention to smoking cues: Development of the smoking oddball task. *Poster presented at the Annual Meeting of the Society for Psychophysiological Research, Savannah, Georgia.*

Fulton, S., Lister, J., Pitt, G., Maxfield, N. (2006). Physiological correlates of temporal resolution . *Scottsdale, AZ: American Auditory Society.*

Obler, L., Maxfield, N., Signorelli, T., Haarmann, H., Rubino, D. (2006). Noise as a stressor during language processing . *Miami, FL: National Institute for Occupational Safety and Health.*

Pitt, G., Lister, J., Stack, L., Maxfield, N. (2005). Cortical evoked responses to gaps in noise. *Baltimore, Maryland: Association for Research in Otolaryngology.*

Curriculum vitae: Nathan D. Maxfield (nmaxfield@usf.edu, 813-409-5327)

Regional

Maxfield, N.D. (March 2013). Commonly Encountered Profiles of Stuttering Across the Lifespan. *Seminar presented to a West Central Florida-region continuing education event co-sponsored by the National Stuttering Association and the University of South Florida Chapter of the National Student Speech-Language-Hearing-Association, Tampa, FL.*

Maxfield, N.D. (January 2009). Current issues in stuttering research and practice. *Seminar presented to a West Central Florida-region continuing education event co-sponsored by the National Stuttering Association and the University of South Florida Chapter of the National Student Speech-Language-Hearing-Association, Tampa, FL.*

Local

Lister, J.J. & Maxfield, N.D (October 2008). Age-related changes in cortical evoked response to gaps in noise: Within-channel and across-channel conditions. *Seminar presented to the University of South Florida, Department of Communication Sciences & Disorders, Doctoral Seminar Series.*

Maxfield, N.D. (February 2008). Neural correlates of semantic and phonological encoding in fluent and stuttering adults. *Seminar presented to the University of South Florida, Department of Communication Sciences & Disorders, Doctoral Seminar Series.*

Maxfield, N.D. (Fall 2007). Procedural review of using principal component analysis to analyze event-related brain potentials. *Seminar presented at the University of South Florida, Psychology Program, Cognitive Psychology Laboratory (CPL) seminar.*

RESEARCH MENTORING

Doctoral Dissertations Chaired or Co-Chaired

Completed

- Jenna Luque, USF Dept. Comm. Sci. Dis. (Co-Chair with Catherine Rogers) – *Behavioral and brain electrophysiological correlates of clear speech processing.*
- Victoria Williams-Sanchez, USF Dept. Comm. Sci. Dis. (Co-Chair with Theresa Chisholm) - *Word recognition in noise among young and older listeners: A combined behavioral and electrophysiological study.*
- Justine VanDyke, USF Dept. Comm. Sci. Dis. (Co-Chair with Elaine Silliman) - *Reading Development Electrified: Semantic and Syntactic Integration During Sentence Comprehension in School-age Children and Young Adults.*

*Dr. VanDyke subsequently completed a two-year post-doc with Fernanda Ferreira at the University of South Carolina (Psychology, Linguistics)

In Progress

- Jaclyn Lucy (Chair), USF Dept. Comm. Sci. Dis. (chair) - started Fall 2017

Doctoral Students who Completed Research Rotations Under My Direction

- Kyna Fasnacht (USF CSD) - *Speech perception in African American English dialect speakers*
- Susan Fulton (USF CSD) - *ERP correlates of speech perception in noise*
- Vicky Williams (USF CSD) - *ERP correlates of speech perception in noise in aging*
- Justine VanDyke (USF CSD) - *Garden Path sentence processing in school-age children*
- Annie Nelson (USF Education) - *Garden Path sentence processing in language-impaired children*
- Fannie L'Abbe' (Université du Québec, School of Education) - *ERP correlates of dual task interference in picture naming*
- Kathryn Morphew (USF CSD) - *ERP correlates of picture-word priming in children who stutter*
- Wendy Olsen (USF CSD) - *Attentional mechanisms in adults who stutter*
- Mark Lowry (USF Psychology) - *Inhibitory control of language switching in bilingual adults*
- Jaclyn Lucey (USF CSD) - *Understanding temperament in adults who stutter*

Completed Doctoral Dissertations on which I served as a Committee Member

- Fusté-Herrmann, B. (2008). *Idiom comprehension in bilingual and monolingual adolescents*. USF CSD program.
- Lamb, K. M. (2012). *Semantic feature distinctiveness and frequency*. USF CSD program.
- Brumback, T. (2013). *Defining semantic space and degree of association using brainwaves: An ERP investigation of alcohol expectancies*. USF Psychology program.
- Chandregowda, A. (2015). *Neurophysiological Activity Related to Speech Production: An ERP Investigation*. USF Psychology Program.

- Soder, H. (2017). *Contributions of appetitive and aversive motivational systems to decision-making*. USF Psychology program.

Audiology Doctoral Projects Chaired or Co-Chaired

Completed

- Victoria Williams (Chair) – *Effect of auditory training on the cortical auditory evoked response to gaps in noise among older listeners*.
- Kristen Weinbaum (Chair) – *Cortical auditory evoked response of aging musicians: temporal and spectral cues*.

SLP Masters Theses Chaired or Co-Chaired

Completed

- Theresa Herbert (Co-Chair with Elaine Silliman) - *Beyond Orthographic Segmentation: Neurophysiological Evidence That Pseudo-derived Word Stems Are Processed Semantically* (completed March 2009)
- Jessica Huffman (Chair) - *Semantic and Phonological Priming Effects on N400 Activation in People Who Stutter* (completed March 2009)
- Nicola Jones (Co-Chair with Elaine Silliman) - *Perspective taking and relative clause comprehension: A cross-modal picture priming study* (completed June 2010)
- Angela Pizon-Moore (Chair) - *N400 Activations in Adults who Stutter in a Picture-Word Priming Task Requiring Attention to Probe Word Phonology* (completed July 2011)
- Sasha Christopher (Chair) - *Exploring Picture-Word Priming Effects in Healthy Aging Adults using Event-Related Potentials* (completed July 2012)
- Kalie Morris (Chair) - *Masked Priming of Object versus Action Pictures in Adults who Stutter* (completed July 2013)
- Mark Lowry (Co-chaired with Judith Bryant) - *Blue is in the Eye of the Beholder: A cross-cultural study of color perception and memory*. USF Psychology program.
- Wendy Olsen (Chair) – *Attention demands of language production in adults who stutter* (completed July 2015)

- Jenna Graepel (Chair) – Effects of mindfulness training on traditional stuttering modification outcomes in children who stutter (completed July 2015)
- Jennifer Kordell (Chair) - *Association of mindfulness traits with stuttering treatment outcomes in children who stutter* (completed July 2015)
- Chelsea Stewart (Chair) – *Finding fluency in right-brain intention training in young adults who stutter* (completed July 2016)
- Josalyn Perry (Chair) - *Right-brain intention training effects on stuttering frequency in familiar speech tasks* (completed July 2016)
- Courtney Rankin (Chair) - *Script training effects on frequency of stuttering behaviors in adults who stutter* (completed July 2019)

In Progress

- Anna Marie Mainero (Chair) - *Effects of complex left-hand movements on naming of low agreement pictures in people with chronic nonfluent aphasia* (to be completed July 2020)

Completed SLP Masters Theses on which I served as a Committee Member

- Kile, S.N. (2007). *The Influence of Dialect on the Perception of Final Consonant Voicing.*
- Armbrecht, J. (2015). *Hesitation Rate as a Speaker-Specific Cue in Bilingual Individuals.*
- Belmont, A. J. (2015). *Anticipatory Coarticulation and Stability of Speech in Typically Fluent Speakers and People Who Stutter Across the Lifespan: An Ultrasound Study.*
- Daly, S. V. (2016). *The Effects of Visual Arts on Expressive Language in Participants with Dementia.*
- Reddick, K. (2016). *Tongue Twisters Quantified: Ultrasound Analysis of Speech Stability and Speech Errors.*
- Shary, M. R. (2016). *Interspeech posture in spanish-english bilingual adults.*

Undergraduate Honor Theses Chaired or Co-Chaired

Completed

- Alecia Werthman *and* Karen Braden (Chair) - *Does temperament modulate neural error processing in adults who stutter?*
- Kalie Morris *and* Francine Aisenburg (Chair) - *Masked priming effects on picture naming in adults who stutter: An ERP investigation*
- Karen Bell (Co-Chair with Jennifer Lister) - *Does aging affect bottom-up and top-down influences on word recognition in noise? A behavior and brain investigation*
- Samantha Stitzel (Chair) - *How does picture naming affect processing on a secondary task in adults who stutter? A psychological refractory period study involving event-related potentials*
- Kathleen Forero *and* Lucia Gutierrez (Chair), *Inhibitory control of lexical retrieval in adults who stutter* (started Fall 2016)

Not listed on this CV: I've supervised a handful of Independent Study (undergraduate- and masters-level) experiences. I've served on several Doctoral Examination committees (in both the USF CSD program, and in the USF Psychology program). I've hosted PhD students from other universities (U. Louisiana, U. Iowa, U. South Carolina), helping them recruit participants who stutter in Tampa. Finally, I've trained a small handful of post-doctoral researchers.

TEACHING EXPERIENCE

Face-to-Face Teaching

Undergraduate-level

- Anatomy/Physiology (Undergraduate)
- Neuroanatomy of Speech, Language, Hearing Mechanisms (Undergraduate)
- Introduction to Fluency Disorders (Undergraduate)

Masters-level

- Advanced Fluency Disorders (Graduate)
- Motor Speech Disorders (Graduate)
- Research Procedures (Graduate)
- Clinical Supervision, Fluency Disorders Practica (Graduate)

Doctoral-level

- Language Processing Seminar (PhD)

Online Teaching

- Advanced Fluency Disorders (Graduate)