

David M. Corey

Curriculum Vitae

Contact Information

Department of Psychology
2007 Stern Hall
Tulane University
New Orleans, Louisiana 70118-5698
(504) 862-3334 dave@tulane.edu

Education

- 1999 – 2002 Post-Doctoral Research Fellow, Tulane University Health Sciences Center
Mentored by Anne L. Foundas
- Ph.D., 1999 Quantitative Methods in Psychology, Tulane University, New Orleans, Louisiana.
Dissertation: *Averaging Correlations: An Examination of Alternative Procedures.*
Mentored by William P. Dunlap
- M.S., 1996 Perception, Tulane University, New Orleans, Louisiana. Master's Thesis: *Perception of Event Properties in Point-Light Displays: Is Form Perception Required?*
Mentored by Stephen B. Flynn
- B.A., 1989 Cum laude, Psychology, University of Arizona, Tucson, Arizona

Academic Appointments

- 2003 – Assistant Professor, Department of Psychology, Tulane University
- 2003 – Neuroscience Program Faculty Member, Tulane University
- 2004 – Adjunct Assistant Professor, Department of Psychiatry and Neurology, Tulane University Health Sciences Center (TUHSC)
- 2003 – 2004 Adjunct Instructor, Department of Psychiatry and Neurology, TUHSC
- 2002 – 2003 Research Instructor, Department of Psychiatry and Neurology, TUHSC
- 1999 – 2002 Instructor, Department of Psychiatry and Neurology, TUHSC

Honors and Awards

- 2004 – 2005 Mortar Board Teaching Award, Newcomb College of Tulane University
- 1993 – 1997 Louisiana Education Quality Support Fund (LEQSF) Fellowship recipient

Ad Hoc Peer Reviews of Journal Articles and Books

Applied Multivariate Analysis (Sage textbook)
American Journal of Geriatric Pharmacotherapy
American Educational Research Association (conference submissions)
European Journal of Applied Physiology
International Journal of Language and Communication Disorders
Journal of Fluency Disorders
Laterality
Social Science Research

Research Support

Grant Support as Principal Investigator (PI)

Sex Differences in Language Fluency, Auditory Processing, and Anatomy of the Planum Temporale (PI, 8.33% academic year). Louisiana Board of Regents Support Fund (BORSF) Research Competitiveness Subprogram (RCS), (7/1/05 – 6/30/09) LEQSF-(2005-08)-RD-A-30; \$124,580.

Hippocampal Volume and Dementia of the Alzheimer's Type: A Comparison of Alternative Measurement Methods (PI, 20% effort). Veterans Administration Mental Illness Research, Education and Clinical Center (VA-MIRECC) Pilot Study Research Program award, (9/02 – 9/03) \$15,000.

Grant Support as Investigator (I) or Consultant (C)

Limb Apraxia: Neural Mechanisms in Left and Right Hemisphere Stroke (co-I, Anne L. Foundas PI). Veteran's Administration Merit Review, (9/1/04 – 8/12/06) \$325,900 (direct).

Developmental Stuttering: MRI Anatomical Studies in Children (Co-I, Anne L. Foundas PI). NIH DC04957, (9/1/02 – 8/31/05), \$150,000.

Neural Systems of Stuttering: Anatomical, Functional, and Treatment Studies (Co-I, Anne L. Foundas PI). Dana Clinical Hypotheses in Neuroscience Research Program: Imaging Brain Diseases to Develop New Therapies, (4/1/01 – 4/30/04), \$100,000.

Neurobiologic Substrates of Stuttering (Co-I, Anne L. Foundas PI). Mentored Clinical Scientist Development Award, NIH-National Institute of Deafness and Communication Disorders. K08 DC00135, (1/1/97 – 12/31/01, supported by extension to 12/31/02) \$418,500 (full supported period).

MRI Morphology: Biologic Basis of Stuttering and the Neurobiology of Schizophrenia (Co-I, Anne L. Foundas PI). General Clinical Research Center, Medical Center of Louisiana, New Orleans, NIH 5M01 RR05096, (4/1/97 – 3/31/01).

The Neural Mechanisms of Dysphagia in Stroke: A Longitudinal Study (C, Stephanie K. Daniels PI). Veterans Affairs HSR&D, Advanced Career Development Program, (4/1/06 – 3/31/09); \$425,876.

Neurological Predictors of Dysphagia and Recovery in Stroke (C, Stephanie K. Daniels PI). Veterans Administration Career Development Award, (4/1/03 – 3/31/06) \$250,000.

Swallowing in Alzheimer's and Vascular Dementia (C, Stephanie K. Daniels, PI). South Central VA Health Care Network Pilot Project Grant (3/1/04 – 2/28/06) \$100,000

Grant Applications Previously Submitted as PI

Sex Differences in Verbal Fluency, Auditory Feedback, & Planum Temporale Anatomy National Institutes of Health; National Institute on Deafness and Communication Disorders (NIDCD), R03 \$100,000 direct; submitted 10/2004; scored, declined.

Grant Applications Under Review

Speech Fluency Disruption: Sex, Planum Temporale, and Selective Attention. National Institutes of Health; National Institute on Deafness and Communication Disorders (NIDCD), R03 \$300,000 direct; submitted 10/2009.

Publications

Peer-Reviewed Journal Articles

Speech Fluency and Cerebral Asymmetry/Laterality Research

1. Cohen, J.D., Mock, J.R., Nichols, T., Zadina, J., Corey, D.M., Lemen, L., Bellugi, U., Galaburda, A., Reiss, A., & Foundas, A.L. (2010). Morphometry of human insular cortex and insular volume reduction in Williams syndrome. *Journal of Psychiatric Research, 44*, 81-89.
2. Corey, D.M., & Cuddapah, V.A. (2008). Delayed auditory feedback effects during reading and conversation tasks: Gender differences in fluent adults. *Journal of Fluency Disorders, 33*, 291-305.
3. Knaus, T.A., Corey, D.M., Bollich, A.M., Lemen, L.C., & Foundas, A.L. (2007). Anatomical Asymmetries of Anterior Perisylvian Speech-Language Regions. *Cortex, 43*, 499-510.
4. Foundas, A.L., Corey, D.M., Hurley, M., & Heilman, K.M. (2006). Verbal dichotic listening in right and left-handed adults: Laterality effects of directed attention. *Cortex, 42*, 79-86.
5. Knaus, T.A., Corey, D.M., Bollich, A.M., Lemen, L.C., & Foundas, A.L. (2006). Variability in perisylvian brain anatomy in healthy adults. *Brain and Language, 97*, 219-232.
6. Zadina, J.N., Corey, D.M., Casbergue, R.M., Lemen, L.C., Rouse, J.C., Knaus, T.A., & Foundas, A.L. (2006). Lobar asymmetries in subtypes of dyslexic and control subjects. *Journal of Child Neurology, 21*, 922-931.
7. Corey, D.M., & Foundas, A.L. (2005). Measuring Familial Sinistrality: Problems with Dichotomous Classification. *Laterality, 10*, 321-335.
8. Foundas, A.L., Bollich, A.M., Feldman, J., Corey, D.M., Hurley, M., Lemen, L.C., & Heilman, K.M. (2004). Aberrant auditory processing and atypical planum temporale in developmental stuttering. *Neurology, 63*, 1640-1646.
9. Foundas, A.L., Corey, D.M., Hurley, M., & Heilman, K.M. (2004). Verbal Dichotic Listening in Developmental Stuttering: Subgroups with Atypical Auditory Processing. *Cognitive and Behavioral Neurology, 17*, 224-232.
10. Knaus, T.A., Bollich, A.M., Corey, D.M., Lemen, L.C., & Foundas, A.L. (2004). Sex-linked differences in the anatomy of perisylvian language cortex: A volumetric MRI study of gray-matter volumes. *Neuropsychology, 18*, 738-747.
11. Foundas, A.L., Corey, D.M., Angeles, V., Bollich, A.M., Crabtree-Hartman, E., & Heilman, K.M. (2003). Atypical cerebral laterality in adults with persistent developmental stuttering. *Neurology, 61*, 1378-1385.
12. Corey, D.M., Hurley, M.M., & Foundas, A.L. (2001). Right and left handedness defined: A multivariate approach using hand preference and hand performance measures. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 14*, 144-152.
13. Fearing, M.K., Browning, C.A., Corey, D.M., & Foundas, A.L. (2001). Dual-task performance in right and left handed adults: A finger tapping and foot tapping study. *Perceptual and Motor Skills, 92*, 323-334.
14. Foundas, A.L., Bollich, A.M., Corey, D.M., Hurley, M., & Heilman, K.M. (2001). Anomalous anatomy in adults with persistent developmental stuttering: A volumetric MRI study of cortical speech-language areas. *Neurology, 57*, 207-215.

Dysphagia Research

15. Daniels, S.K., Schroeder, M.F., DeGeorge, P.C., Corey, D.M., Foundas, A.L., & Rosenbek, J.C. (2009). Defining and Measuring Dysphagia Following Stroke. *American Journal of Speech Language Pathology, 18*, 74-81.
16. Murguia M, Corey D.M., Daniels S.K. (2009). Comparison of sequential swallowing in individuals with acute stroke and healthy adults. *Archives of Physical Medicine and Rehabilitation, 90*, 1860-1865.

Publications

Peer-Reviewed Journal Articles

Dysphagia Research (continued)

17. Daniels, S.K., Schroeder, M.F., DeGeorge, P.C., Corey, D.M., & Rosenbek, J.C. (2007). The effects of verbal cue on bolus flow during swallowing. *American Journal of Speech-Language Pathology, 16*, 140-147.
18. Daniels, S.K., Corey, D.M., Fraychinaud, A., Rowell, J., DePolo, A., & Foundas, A.L. (2006). Swallowing lateralization: The effects of dual task interference. *Dysphagia, 21*, 21-27.
19. Daniels, S.K., Schroeder, M.F., McClain, M., Corey, D.M., Rosenbek, J.C., & Foundas, A.L. (2006). Dysphagia in stroke: Development of a standard method to examine swallowing recovery. *Journal of Rehabilitation Research and Development, 43*, 347-356.
20. Schroeder, M.F., Daniels, S.K., McClain, M., Corey, D.M., & Foundas, A.L. (2006). Clinical and cognitive predictors of swallowing recovery in stroke. *Journal of Rehabilitation Research and Development, 43*, 301-310.
21. Daniels, S.K., Corey, D.M., Hadskey, L.D., Legendre, C., Priestly, D.H., Rosenbek, J.C., & Foundas, A.L. (2004). Mechanisms of sequential swallowing during straw drinking in healthy young and older adults. *Journal of Speech, Language, and Hearing Research, 47*, 33-45.
22. Daniels, S.K., Barnes, C.L., Fauchaux, N.M., Corey, D.M., Priestly, D.H., & Foundas, A.L. (2002). The cortical representation of swallowing: A modified dual-task paradigm. *Perceptual and Motor Skills, 94*, 1029-1040.

Other Research

23. Varela, R.E., Creveling, C., & Corey, D.M. (in press). Parental control cognitive style, and childhood anxiety: A test of a theoretical model in a multi-ethnic sample. *Journal of Family Psychology*.
24. Beal, D.J., Corey, D.M., & Dunlap, W.P. (2002). Identifying outlier studies in meta-analysis: Alternatives to Huffcutt and Arthur's (1995) approach. *Journal of Applied Psychology, 87*, 583-589.
25. Corey, D.M., Dunlap, W.P., & Burke, M.J. (1998). Averaging correlations: Expected values and bias in combined Pearson's r s and Fisher's z transformations. *The Journal of General Psychology, 125*, 246-261.
26. Lipani, J.D., Bhattacharjee, M.B., Corey, D.M., & Lee, D.A. (2000). Reduced nerve growth factor in Rett syndrome postmortem brain tissue. *Journal of Neuropathology and Experimental Neurology, 59*, 889-895.
27. Fitzpatrick, P.A., Carello, C., Schmidt, R.C., & Corey, D. (1994). Haptic and visual perception of an affordance for upright posture. *Ecological Psychology, 6*, 265-287.

Book Chapters

- b1. Corey, D. (1995). Kinematic specification of geometry in dynamic point-light displays. In B.G. Bardy, R.J. Bootsma, & Y. Guiard (Eds.), *Studies in Perception and Action III*. Hillsdale, New Jersey: Erlbaum.
- b2. Schmidt, R.C., Corey, D., Fitzpatrick, P.A., & Riley, M. (1995). The oscillatory basis of Fitts' Law. In B.G. Bardy, R.J. Bootsma, & Y. Guiard (Eds.), *Studies in Perception and Action III*. Hillsdale, New Jersey: Erlbaum.

Manuscripts in Preparation

- Corey, D.M., & Malone, K.T. *Natural speech availability moderates disruption of speech by auditory feedback perturbation.*
- Corey, D.M., & Fontenot, P. *Artificial disruption of speech fluency is moderated by handedness.*
- Corey, D.M. *Attention and Speech Fluency.*
- Corey, D.M., & Malone, K.T. *Vocal pitch as a factor in delayed auditory feedback effects.*
- Corey, D.M., & Mortillaro, G. *Empirical error rates and power in pairwise Comparisons: Effects of redundancy in error rate control.*

Corey, D.M., & Zepecki, K.T. *Social self-monitoring (Snyder, 1974) moderates delayed auditory feedback effects in normally-fluent adults.*

Conference Presentations

Speech Fluency and Cerebral Asymmetry/Laterality Research

Invited talks

- c1. Corey, D.M. (2007) *Auditory Processing as a Theoretical Risk Factor for Developmental Stuttering: Evidence from Sex Differences*. 12th Robert G. Heath, MD Lecture, Tulane University School of Medicine, New Orleans, Louisiana.

Invited papers

- c2. Corey, D.M. (2009) *Understanding Sex Differences in Developmental Stuttering*. ISAD2009; International Stuttering Awareness Day Online Conference.

Abstracts

- c3. Murguia M., Corey D., Daniels S. (2009). Sequential swallowing in patients with acute stroke. *Dysphagia*, 24, 481.
- c4. Corey, D.M., & Malone, K. (2009). *Availability of Unaltered Speech Reduces Effects of Delayed Auditory Feedback on Normally-Fluent Adults*. 2009 meeting of the Association for Psychological Science; San Francisco, CA, USA.
- c5. Corey, D.M., & Cuddapah, V. (2007). *Sex Differences in the Effects of Delayed Auditory Feedback: Timing and Cognitive Effects*. Cognitive Neuroscience Society, New York, New York, USA.
- c6. Corey, D.M., & McWilliams, E. (2005). *Sex Differences in the Effects of Delayed Auditory Feedback*. Society for Neuroscience, Program No. 643.10. Washington, D. C., USA.
- c7. Corey, D.M., & Foundas, A.L. (2003). *How to Measure Familial Sinistrality*. Society for Neuroscience, Program No. 714.5. New Orleans, Louisiana, USA.
- c8. Corey, D.M., Bollich, A.M., & Foundas, A.L. (2002). *Assessing Reliability in Anatomical Measurements*. Society for Neuroscience, Program No. 673.22. Orlando, Florida, USA.
- c9. Corey, D.M., Hurley, M., & Foundas, A. (2000). *Examining Asymmetry: A Multivariate Approach*. Presented at the Annual Convention of the Cognitive Neuroscience Society, San Francisco, CA, USA.
- c10. Mock, J.R., Zadina, J., Rouse, J., Corey, D.M., Lemen, L.C., & Foundas, A.L. (2006). *Atypical Cerebral Laterality in Children with Persistent Developmental Stuttering*. Society for Neuroscience, Program No. 665.5. Atlanta, Georgia, USA.
- c11. Foundas, A.L., Corey, D.M., Bollich, A.M., Knaus, T.A., Baucom, C.C., Lemen, L.C. (2003). *Developmental Stuttering: Anatomical And Behavioral Measures Predict Group*. Society for Neuroscience, Program No. 288.7. New Orleans, Louisiana, USA.
- c12. Knaus, T.A., Corey, D.M., Bollich, A.M., Lemen, L.C., & Foundas, A.L. (2003). *Sex Differences in Auditory Temporal Cortex*. Society for Neuroscience, Program No. 714.6. New Orleans, Louisiana, USA.
- c13. Zadina, J.N., Knaus, T.A., Corey, D.M., Casbergue, R.M., Lemen, L.C., & Foundas, A.L. (2003). *A Cognitive-Anatomic Study Of Dyslexia Subtypes*. Society for Neuroscience, Program No. 196.2. New Orleans, Louisiana, USA.
- c14. Knaus, T.A., Corey, D.M., Bollich, A.M., Lemen, L.C., & Foundas, A.L. (2003). *Sex Differences in the Anatomy of Frontal Speech-Language Areas*. Presented at the Annual Convention of the Cognitive Neuroscience Society, New York, New York, USA.
- c15. Baucom, C.C., Corey, D.M., Cusick, C.G., Lemen, L.C., & Foundas, A.L. (2002). *Anatomical Asymmetries in Human Sensorimotor Cortex*. Society for Neuroscience, Program No. 673.22. Orlando, Florida, USA.
- c16. Corey, D.M., Feldman, J., & Foundas, A.L., (2001). *Sex, Handedness, and Persistent Developmental Stuttering: A Dual-Task Study*. Presented at the Annual Convention of the Cognitive Neuroscience Society, New York, New York, USA.

Conference Presentations

Speech Fluency and Cerebral Asymmetry/Laterality Research

Abstracts (continued)

- c17. Lane, A. B., Corey, D.M., Leonard, C.M., & Foundas, A.L. (2001). *Perisylvian anatomy: Do Proportional Measures make a Difference When Evaluating Sex Effects?* Presented at the Annual Convention of the Cognitive Neuroscience Society, New York, New York, USA.
- c18. Knaus, T.A., Angeles, V.R., Corey, D.M., Kotrla, K.J., Lemen, L.C., Foundas, A.L. (2001) *Atypical Cerebral Asymmetries In Paranoid Schizophrenics*. Society for Neuroscience, Program No. 78.1. Orlando, Florida, USA.
- c19. Baucom, C.C., Corey, D.M., Lemen, L.C., Foundas, A.L. (2001). *Motor Knob Landmark: Omega (Ω) Or Epsilon (ϵ)?* Society for Neuroscience, Program No. 950.5. San Diego, CA, USA.
- c20. Corey, D.M., Bollich, A.M., Angeles, V., Kotrla, K.J., Langdoc, J. (2001). *Neuroanatomy in Schizophrenia: Sylvian fissure and Prefrontal Cortex*. Society for Neuroscience, Program No. 335.10. San Diego, CA, USA.
- c21. Corey, D.M., Bollich, A.M., Angeles, V., Kotrla, K.J., Langdoc, J. (2002) *Neuroanatomy in Schizophrenia: Sylvian fissure and prefrontal cortex*. Tulane University Health Sciences Center Research Days, New Orleans, Louisiana, USA.
- c22. Foundas, A.L., Baucom, C.C., Corey, D.M., Knaus T., Heilman, K.M. (2001). *Atypical Motor Cortical Anatomy and Function in Adults With Persistent Developmental Stuttering*. Society for Neuroscience, Program No. 529.15. San Diego, CA, USA.
- c23. Knaus, T., Corey, D.M., Bollich, A.L., Lemen, L.C., & Foundas, A.L. (2001). *Sex Differences In Posterior Cortical Areas*. Society for Neuroscience, Program No. 82.15. San Diego, CA, USA.
- c24. Kotrla, K., Corey, D.M., Baucom, C.C., Bollich, A.L., Langdoc, J., Foundas, A.L. (2001). *A Structural and Functional MRI Study of the Motor System in Schizophrenia*. Society for Neuroscience, Prog.# 886.6. San Diego, CA, USA.
- c25. Clayton, C.A., Corey, D.M., & Foundas, A.L. (2000). *The Motor Hand Representation: Structure-Function in Right and Left Handers*. Society for Neuroscience, Program No. 560.1. New Orleans, Louisiana, USA.
- c26. Knaus, T.A., Corey, D.M., & Foundas, A.L. (2000). *Sex, Handedness, and Cognition: Human Corpus Callosum*. Society for Neuroscience, Program No. 750.11. New Orleans, Louisiana, USA.
- c27. Foundas, A.L., Bollich, A.M., Feldman, J., Corey, D.M., Hurley, M., & Heilman, K.M. (2003). *Atypical Planum Temporale Anatomy in Stuttering: A Relationship to Delayed Auditory Feedback*. Presented at the Annual Meeting of the American Academy of Neurology, Honolulu, Hawaii, USA.
- c28. Foundas, A.L., Lane, A.B., Corey, D.M., Hurley, M., Heilman, K.M. (2001). *Anomalous Anatomy in Adults with Persistent Developmental Stuttering: Volumetric MRI Study of Cortical Speech-Language Areas*. Neurology, A252. Presented at the annual meeting of the American Academy of Neurology, Philadelphia, Pennsylvania, USA.
- c29. Kotrla, K.J., Lane, A.B., Corey, D.M., Langdoc, J., Kirkham, S., Diaz, P., Johnson, J.E., Foundas, A.L. (2001). *Planum Temporale and Inferior Parietal Volumes in Paranoid Schizophrenia*. Presented at the Convention of the American Psychiatric Association Annual Meeting, New Orleans, Louisiana, USA.
- c30. Foundas, A.L., Corey, D.M., & Hurley, M.M. (2000) *Measures of Hand Preference, Hand Skill, and Familial Sinistrality in Adults with Persistent Developmental Stuttering*. Presented at the Annual Conference of the American Academy of Neurology, San Diego, CA, USA.
- c31. Daniels S.K., Schroeder M.F., McClain M., Corey D.M., & Foundas A.L. (2004). *Neurocognitive Predictors of Swallowing Recovery in Stroke*. American academy of neurology – San Francisco, CA.

Conference Presentations

Speech Fluency and Cerebral Asymmetry/Laterality Research

Abstracts (continued)

- c1. Daniels, S.K., Corey, D.M., Damon, L., Legendre, C., Priestly, D.H., Rosenbek, J.C., & Foundas, A.L. (2002). *The Physiology of Sequential Straw Drinking: A Comparison Between Young and Old*. Presented at the annual meeting of the Dysphagia Research Society, Miami, FL.

Dysphagia Research

Abstracts

- c2. Daniels S.K., Corey D.M., Schulz P.E., Foundas A.L., & Rosenbek J.C. (2007). Effects of evaluation variables on swallowing performance in mild Alzheimer's disease. *Dysphagia*, 22, 386.
- c3. Daniels S.K., Corey D.M., Fraychinaud A., Rowell J., DePolo A., & Foundas A.L. (2006). Swallowing lateralization: The effects of dual task interference. *Dysphagia*, 20, 77.
- c4. Daniels S.K., Corey D.M., Damon L., Legendre C., Priestly D.H., Rosenbek J.C., & Foundas AL. (2003). The physiology of sequential straw drinking: A comparison between young and old. *Dysphagia*, 18, 155.
- c5. Daniels, S.K., Corey, D.M., Damon, L., Legendre, C., Priestly, D.H., Rosenbek, J.C., & Foundas, A.L. (2002). *The Physiology of Sequential Strawdrinking: A Comparison Between Young and Old*. Presented at the Dysphagia Research Society Annual Meeting Miami, FL, USA.

Posters

- c6. Daniels, S.K., Corey, D.M., Schulz, P.E., Foundas, A.L., & Rosenbek, J.C. (2007). *Effect of Evaluation Variables on Swallowing in Mild Alzheimer's Disease*. Dysphagia Research Society, Vancouver, BC, Canada.
- c7. Daniels, S.K., Schroeder, M.F., McClain, M., Corey, D.M., & Foundas, A.L. (2004). *Neurocognitive Predictors of Swallowing Recovery in Stroke*. American Academy of Neurology, San Francisco, CA.
- c8. Daniels, S.K., Corey, D.M., Fraychinaud, A., Rowell, J., DePolo, A., & Foundas, A.L. (2003). *Swallowing Lateralization: The Effects of Dual Task Interference*. Presented at the Annual Meeting of the American Academy of Neurology, Honolulu, Hawaii, USA.

Other Research

Abstracts

- c9. Corey, D.M., & Mortillaro, G. (2009). *Redundancy in α_{EW} Control: Empirical Error Rates and Power in Pairwise Comparisons*. 2009 meeting of the Association for Psychological Science; San Francisco, CA, USA.
- c10. Corey, D.M. (2003). *MANOVA and Discriminant Function Analysis*. Symposium, Southeastern Social Psychologists, New Orleans, Louisiana.
- c11. Cola, M.G., Daniels, S.K., McClain, M., DeGeorge, P., Corey, D., Lemen L., & Foundas, A.L. (2007). *Verbal Memory Recognition Relates to Ventricular Volume in Mild Alzheimer's Disease*. Cognitive Neuroscience Society, New York, New York, USA. *Supplement of the Journal of Cognitive Neuroscience*, p. 210
- c12. Corey, D.M., & Dunlap, W.P. (1997). *Fisher's z-Transformation Reduces Bias in Average Correlation*. Presented at the Convention of the American Psychological Society, Washington, D. C., USA.
- c13. Schmidt, R.C., Corey, D., Fitzpatrick, P.A., & Riley, M. (1995). *The Oscillatory Basis of Fitts' Law*. Presented at the Eighth International Conference on Perception and Action, Marseilles, France.
- c14. Lipani, J.D., Bhattacharjee, M.B., & Corey, D.M. (2000). *HIV-Induced Nerve Growth Factor is Associated with Increased Viral Load within the CNS*. Society for Neuroscience, Program No. 792.10. New Orleans, Louisiana, USA.

Conference Presentations

Other ResearchPosters

- c15. Lipani, J., Bhattacharjee, M., Corey, D.M., & Lee, D. (1999). *Role of Nerve Growth Factor (NGF) in the Pathophysiology of Rett Syndrome (RS)*. Society for Neuroscience, Miami, Florida, USA.
- c16. Corey, D.M., & Flynn, S.B. (1998). *Perception of Event Properties in Point-Light Displays: Is form Perception Required?* Presented at the Convention of the American Psychological Society, Washington, D.C., USA.
- c17. Corey, D. (1995). *Kinematic Specification of Geometry in Dynamic Point-Light Displays*. Presented at the Eighth International Conference on Perception and Action, Marseilles, France.

Doctoral Mentoring

Dissertation Supervision

Cost, Katherine (in preparation). *Effects of Pregnancy on Human Cognition*. Neuroscience Program
 Franke, Gordon (in preparation). *Attention and Speech fluency: Autonomic Correlates with Disruption of Speech Fluency*.

Dissertation Committee Participation

Kim, Faye (2009). *Physiological Responses in Children with Autism During Gaze Fixation*. Wilson.
 Smith, Lauren (in progress) *The Effect of Auditory Masking on Speech Production*.
 Fontenelle, Sarah (2009). *The Effect of Adult Demonstration on Chinese and American Infant Object - to - Surface Affordance Discovery*. Lockman.
 Luis, Timmothy (2009). *Social Cognitive Mechanisms of Separation Anxiety Symptoms in Children* Varela.
 Ruberg, Rebecca Salvato (2008). *In or out? Predictors of Educational Attainment in American Indian Youth*. Newman
 Weiss, Danielle (Annie) (2008). Newman/Lockman.
 Mock, Jeff R. (2007). *Atypical Anatomy in Children and Adults with Persistent Developmental Stuttering*. Foundas, Neuroscience Program.
 Cohen, Jeremy (2007). *The Insula Cortex: Mri Morphometry in Humans*. Foundas; Neuroscience Program.
 Bourgeois, Kristine (2006). *Infant Manual Exploration of Objects, Surfaces, and their Interrelations*. Lockman.
 Neal, S. Ashley (2006). *Infants' Use of Multi-Surfaced Objects With and Without Handles*. Lockman.
 Walthall- Khawar, Alexa (2006). *Infants' Use of Handled Objects*. Lockman.
 Zyphur, Mike (2006). *Institutional Threat and Ethical Decision Making*. Landis.
 Efreom, Yael (2005). *Resilience and Vulnerability in the Face of Exposure to Community Violence (ECV): Exploring the Impact of Parental Monitoring and Perceptions of Safety on Mental Health Outcomes*. Overstreet.
 Countryman, Renee (2004). *Relationships Between c-Fos and CREB in Cortical and Subcortical Brain Regions During Acquisition and Recall of Socially Transmitted Food Preferences*. Colombo.

Other Doctoral Advising

2000-2005 (PhD)	Knaus, Tracey (Neuroscience Program).
2000-2003 (PhD)	Baucom, Catherine (Neuroscience Program).
2000-2003 (PhD)	Zadina, Janet (Neuroscience Program).
2002-2006 (WD)	Rouse, Jeff, M.D. (Neuroscience Program).

Master's Level Mentoring

Thesis Supervision

- Zepecki, John (2010). *Levene's Self-Monitoring Moderates Delayed Auditory Feedback (DAF) Effects*.
 Malone, Kyle (2008). *An Investigation of the Source of Sex Differences in the Effects of Delayed Auditory Feedback (DAF) on Verbal Fluency*. (Neuroscience Program).
 Kaufman, Bernice (2007). *An ERP Study of the Stroop Task and Emotional Stroop Task*.
 Misok, Amy (withdrew). *Hormonal Mediation of Sex Differences in Delayed Auditory Feedback (DAF) effects*.

Thesis Committees

- Kathirvelu, Balachandar (in progress). Colombo, Psychology.
 Creveling, Christian (2009). *Masters Thesis Equivalency Project*. Varela, Psychology
 Leed, Jackleen (2009). *Infant tool use*. Lockman, Psychology.
 Li, Qi (2009). *Infant tool use*. Lockman, Psychology.
 Corprew, Charles (2008) *Personal and Social Factors Associated with Academic Outcomes in High-Achieving African American Males*. Cunningham.
 Brandt, Heather (2008). *Blurring the Signal: The Impact of Parental Distress Upon Congruence of Parent and Adolescent Reporting of Adolescent Psychopathology*.
 Hitt, Lauren (2008). *Fears in Hispanic Youth*. Varela.
 Moore, Katherine (2008). *Moderators in the Relationship between Exposure to Hurricane Katrina and Long-term Posttraumatic Stress Symptoms*. (Varela)
 Kahrs, Björn Alexander (2008). *Trial Based Learning of a manual task*. Lockman.
 DeGeorge, Pamela (2005). Foundas; Neuroscience Program.
 Molina, Yamile (2005). *Copulatory plugs in the cobweb spider *nesticodes rufipes**.
 Belay, Sophia (2004). *The Function of Protective Factors in Urban African American Adolescent Females*. Cunningham, 4+1 Program.
 Franklin, Michael (2003). *Dissociation of automatic and controlled processes in backward priming*. Dien.

Preliminary Examination Committees

- Walthall, Alexa (2003-2004) Smith, Lauren (2007-2008) Kahrs, Björn (2007-2008)

Undergraduate Mentoring & Research Supervision

Honors Thesis Supervision

- Leone, Kristin (in progress).
 O'Brien Hahn, Avital (in progress).
 Lauer, Jillian (in progress).
 Fontenot, Philip (2009). *Hand Preference and Delayed Auditory Feedback Effects*. Neuroscience Program.
 Gosten, Jess (2009). *Gender as a Factor Explaining Sex Differences in the Dysfluency-Inducing Effects of Delayed Auditory Feedback*. Neuroscience Program.
 Mortillaro, Gino (2009). *Type I Error Rates and Power in Tests Following Significant Analysis of Variance*. Psychology.
 Cuddapa, Vishnu (2006). *Sex Differences in the Disfluency-Inducing Effects of Delayed Auditory Feedback (DAF)*. Neuroscience Program.
 McWilliams, Emily (2005). *Effects of Speech Rate on the Critical Interval of Delayed Auditory Feedback*. Psychology.

Honors Thesis Committees

- Vizza, Carmela (2008). *Sperm Priority in Nesticodes rufipes*. Christenson, Psychology.
 Biles, Melissa (2006). *Kinematics of Hammering with the Nonpreferred Hand: Task Specificity*. Lockman, Psychology.
 Cuddapah, Vishnu (2006). *Traditional Indian Aesthetics in Paintings Emerging From British-Colonized India*. Art History.
 Colica, Jamie (unknown). Varela, Psychology.

4+1 Masters (Non-Thesis) Research Assistants

- Thomas, Danny (2008) Orr, Mary (2006 – 08)

Research Assistants

Speech Fluency & Neuroanatomy, Current Students by Seniority

- | | | |
|-----------------------|---------------------------|-----------------------|
| Huval, Renee (2008) | Michaelides, Manny (2009) | Chan, Ryan (2010) |
| Koch, Kristin (2009) | O'Brien, Avi (2009) | Lauer, Jillian (2010) |
| Leone, Kristin (2009) | Trinh, Lien (2009) | Weiss, Anna (2010) |

Speech Fluency & Neuroanatomy, Past Students

- | | | |
|-----------------------------|---------------------------|-------------------------------|
| Abadco, Darleen (2001 – 03) | Gross, Shelby (2009) | Khurana, Neal (2003 – 04) |
| Alexander, Roneisha (2006) | Herlevic, Mallory (2006) | King, Hanna (2006 – 07) |
| Anderson, Homer (2004 – 05) | Hernandez, Ricardo (2006) | Levy, Grant (2003) |
| Burgess, Julie (2006 – 07) | Hollingsworth, | Malone, Kyle (2003 – 04) |
| Chawla, Amit (2003 – 06) | Jasmine (2006 – 07) | Neumann, Emily (2007) |
| Clarke, Rebecca (2009) | Holstine, Megan (2006) | Orr, Mary (2005 – 06) |
| Collins, KC (2004 – 06) | Horton, Lindsay (2006) | Reimann, Jeremy (2006) |
| Kociubinski, Lisa (2008) | Jackson, Tim (2005) | Ritchie, Corrinne (2003 – 05) |
| Das, Samida (2006) | Johnson, Rebecca (2005) | Stewart, Danielle (2009) |
| Ekstrom, Trevor (2003 – 04) | Jones, Rachel (2005 – 06) | Telio, Viviane (2008) |
| England, | Joseph, Jenna (2007) | Thomas, Laura (2009) |
| Christopher (2006 – 07) | Kern, Leslie (2005) | Tran, Tony (2004 – 06) |
| Friedman, Jaclyn (2006) | Khoobehe, Kaveh (2006) | Zepecki, John (2006 – 07) |

Quantative Methods Research, Past Students

- | | |
|------------------------------|-----------------------|
| Smith, Kim (2004) | Tran, Tony (2006 – 7) |
| Mortillaro, Gino (2007 – 09) | Vu, Anh-Thu (2007) |

Teaching

Psychology Applications of Univariate Statistics I

Course ID:	PSYC209/609	Level:	Graduate/Undergraduate
Typical Enrollment:	100 – 150	Format:	Lecture/Laboratory
Semesters Taught:	f09, f08, f06, ln06, s06, s05, f04, s04	Credits:	4

Psychology Applications of Univariate Statistics II

Course ID:	PSYC611	Level:	Graduate
Typical Enrollment:	15 – 25	Format:	Lecture
Semesters Taught:	s10, s09, s07, f06, s05, s04	Credits:	3

Multivariate Statistics

Course ID:	PSYC613	Level:	Graduate
Typical Enrollment:	15 – 25	Format:	Lecture
Semesters Taught:	f09, f08, s07, s06, f04, f03	Credits:	3

Experimental Psychology

Course ID:	PSYC313	Level:	Undergraduate
Typical Enrollment:	20-40	Format:	Lecture/Laboratory
Semesters Taught:	su06, ln06, s03, f02	Credits:	4

Service

Department

2003 – present	Undergraduate Curriculum Committee
2006 – 2007	PhD Admissions Committee
2008 – 2008	Colloquium Committee
2005 – 2006	Masters Admissions Committee
2003 – 2005	Graduate Admissions Committee
2003 – 2006	Psychological Sciences Committee
1996 – 2003	Human Research Participants Ethical Review Committee

School

2008 – present	Graduate Committee
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University

2009 – present	Newcomb – Tulane College Honor Board
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