

Michele Theresa Diaz, Ph.D.

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Department of Psychology
The Pennsylvania State University
356 Bruce V. Moore Building
University Park, PA 16802-3104

e: mtd143@psu.edu
p: (814) 863-1726
citizenship: United States of America

PROFESSIONAL EXPERIENCE

2014 – Present **Director of Human Imaging, Social, Life, & Engineering Sciences Imaging Center (SLEIC), Pennsylvania State University**
2014 – Present **Associate Professor of Psychology, Pennsylvania State University**
2010 – 2014 Assistant Professor of Psychiatry, Duke University
2010 – 2014 Associate Director of the Brain Imaging & Analysis Center (BIAC), Duke University
2007 - 2010 Instructor of Radiology, Duke University
2005 - 2010 Assistant Director of the Brain Imaging & Analysis Center, Duke University

EDUCATION

Ph.D. Duke University, May 2005
Department of Psychology
Certificate in Cognitive Neuroscience
Advisor: Gregory McCarthy

M.A. Duke University, May 2002
Department of Psychology
Advisor: Tamara Swaab

B.A Pennsylvania State University, May 1999
Psychology (GPA: 3.94)
Advisor: Judith Kroll

CURRENT RESEARCH SUPPORT

R01 AG034138-01A1 (Diaz) 05/01/10 - 4/30/15

NIH/NIA

“Neuroimaging of Age-Related Changes in Language”

Adult development is often associated with physical and cognitive decline. However, semantic processing is an area of cognition in which many abilities are largely preserved. In contrast, specific deficits in phonological retrieval have been observed. This pattern of age-related changes in semantic and phonological processes suggests a fundamental difference in the cognitive organization of these two abilities. The goal of this project is to use behavioral measures, diffusion tensor imaging (DTI), and functional magnetic resonance imaging (fMRI) to investigate phonological and semantic processes in older and younger adults to elucidate patterns of sparing and decline that are associated with healthy aging.

Role: Principal Investigator

Tongji Visiting Scholars (Diaz) 07/01/2013-06/30/2014
Tongji University
Provides training in MRI data collection and analysis for 2 visiting scholars from Tongji University.
Role: Principal Investigator

VA246-P-0644 (Diaz) 10/1/2010-09/30/2014
Veterans Administration Medical Center
“MRI and Data Analysis Services for MIRECC”
Provides brain research MRI and orbital X-ray scans for approximately 70 subjects per year for ongoing VISN 6 MIRECC research studies. The PI’s role is primarily to provide technical and administrative oversight.
Role: Principal Investigator

1R01-MH098301-01A1 (Wang) 09/15/12-06/30/2017
NIH/NIMH
“Dorsal Cingulate Activity and Cognitive Decline in Late-Life Depression”
The long-term goals of the proposed project are to better understand the neural mechanisms linking depression and cognitive impairment, to establish biomarkers for early identification of depressed individuals at risk for cognitive impairment, and to understand the neural plasticity of LLD with and without cognitive impairment following prevention programs and clinical interventions.
Role: Investigator

1R01-AG043438-01A1 (Whitson) 08/01/2013-07/31/2018
NIH/NIA
“Cognitive Changes and Brain Connectivity in Age-Related Macular Degeneration”
Age-related macular degeneration (AMD) is the leading cause of blindness in older Americans. It is also associated with a two-fold increase in the risk of dementia, and even non-demented AMD patients exhibit strikingly poor performance on tests of verbal fluency. This suggests that AMD involves brain changes as well as eye changes. However, the extent and locus of brain changes associated with cognitive deficits in AMD is unknown. The overall objective of this project is to determine how AMD-related cognitive deficits (e.g. verbal fluency) relate to functional and structural connectivity in the brain.
Role: Investigator

PAST RESEARCH SUPPORT

M01 RR00030 (Voyvodic / Potkin) 12/01/06-11/30/12
NCRR
“The Function BIRN”
The overarching goal of this project is to develop fMRI into a tool suitable for large-scale clinical studies of treatment, longitudinal progression, and genetic and environmental risk factors. The aims are to: 1) develop an infrastructure for shared access and analysis of fMRI data, 2) standardize and cross-validate common activation tasks, acquisition methods, and analyses, and 3) compare the common activation tasks, methods, analyses to site-specific methods.
Role: Investigator

P01 NS41328-06 (Song) 7/01/01 – 8/31/12
NINDS
“Human Functional Brain Anatomy” – Core A
This Program Project will investigate the functional neuroanatomy of the human brain using high-field functional magnetic resonance imaging (fMRI), electrophysiology, and behavior. The four scientific

projects are strongly linked by their focus on the relationship between brain and the behavior. Core A serves as an administrative unit to supervise grant expenditures and subject enrollment.

Role: Investigator

R03HD059220-01A1 (Diaz)

05/01/09 - 04/30/11

CHHD

Neuroimaging of Metaphor Processing

Clinical, behavioral, and neuroimaging research support right hemisphere involvement in metaphor processing. However, there is debate over whether it is metaphors per se that engage the right hemisphere or if other factors that co-vary along the figurative-literal dimension elicit right hemisphere engagement. The first goal of this proposal is to use functional magnetic resonance imaging (fMRI) to investigate the influence of semantic relatedness and the influence of context on hemispheric recruitment.

Role: Principal Investigator

NSF Graduate Research Fellowship

2002 – 2005

Role: Recipient

PUBLICATIONS (* indicates student collaborators)

1. **Diaz, M.T.**, Johnson, M.A.*, Burke, D.M., & Madden, D. J. (In Press). Age-related differences in the neural bases of phonological and semantic processes. *Journal of Cognitive Neuroscience*. PMID: 24893737 NIHMSID: 605188 PMCID: in progress
2. Johnson, M.A.*, **Diaz, M.T.**, & Madden, D.J. (In Press). Global versus tract-specific components of cerebral white matter integrity: Relation to adult age and perceptual-motor speed. *Brain Structure & Function*. NIHMSID: 620459, PMCID: in progress
3. Madden, D.J., Parks, E.L., Davis, S.W., **Diaz, M.T.**, Potter, G.G., Chou, Y.H., Chen, N.K., & Cabeza, R. (In Press). Age mediation of fronto-parietal activation during visual feature search. *Neuroimage*, NIHMSID: 619637, Publ.ID: YNIMG11555, PMCID: in progress
4. **Diaz, M.T.**, Hogstrom, L.J.*, Zhuang, J.*, Voyvodic, J.T., Johnson, M.J.* & Camblin, C.C.*. (2014). The influence of written distractor words on brain activity during overt picture naming. *Frontiers in Human Neuroscience*. 8:167. doi: 10.3389/fnhum.2014.00167, PMID: 24715859 PMCID: PMC3970014
5. Liu, T.T., Glover, G.H., Mueller, B.A., Greve, D.N., Rasmussen, J., Voyvodic, J.T., Turner, J.A., van Erp, T.G.M., Lu, K., Brown, G.G., Keator, D.B., Calhoun, V.D., Lee, H.J., Ford, J.M., Mathalon, D.H., Jorgensen, K., **Diaz, M.T.**, O'Leary, D.S., Gadde, S., Preda, A., Lim, K.O., Wible, C.G., Stern, H.S., Belger, A., McCarthy, G., Ozyurt, B., Potkin, S.G., FBIRN. (In Press). Quality assurance in functional MRI. In K. Ugurbil, K. Uludag, & L.J. Berliner (Eds). *fMRI: Theory and Applications*. Springer Publishing.
6. Greve, D.N., Duntley, S.P., Larson-Prior, L., Krystal, A.D., **Diaz, M.T.**, Drummond, S.P., Thein, S.G., Kushida, C.A., Yang, R., & Thomas, R.J. (2014). Effect of armodafinil on cortical activity and working memory in patients with residual excessive sleepiness associated with CPAP-Treated OSA: a multicenter fMRI study. *Journal of Clinical Sleep Medicine*, 10(2), 143-53. doi: 10.5664/jcsm.3440. PMCID: PMC3899316
7. Van Erp, T.G.M., Guella, I., Vawter, M.P. Turner, J., Brown, G.G., McCarthy, G., Greve, D.N., Glover, G.H., Calhoun, V.D., Lim, K.O., Bustillo, J.R., Belger, A., Ford, J.M., Mathalon, D.H., **Diaz, M.T.**, Preda, A., Nguyen, D., Macciardi, F., & Potkin, S.G.. (2014). Schizophrenia miR-137 Locus Risk

Genotype is Associated with DLPFC Hyperactivation. *Biological Psychiatry*. doi: 10.1016/j.biopsych.2013.06.016. PMID: 23910899 PMCID: In Process

8. Glover, G.H., Mueller, B., Van Erp, T., Liu, T.T., Greve, D., Voyvodic, J., Rasmussen, J., Turner, J., Brown, G.G., Keator, D.B., Calhoun, V.D., Lee, H.J., Ford, J., **Diaz, M.T.**, O'Leary, D.S., Potkin, S.G., FBIRN. (2012). Function biomedical informatics research network recommendations for prospective multi-center functional neuroimaging studies. *Journal of Magnetic Resonance Imaging*, 36 (1), 39-54 PMID: 22314879 PMCID: PMC3349791 [Available on 2013/7/1].
9. **Diaz, M.T.** & Hogstrom, L.J.* (2011). The influence of context on hemispheric recruitment during metaphor processing. *Journal of Cognitive Neuroscience*, 23(11), 3586-3597. PMID: 21568642 NIHMSID: 300129, PMCID: PMC3175018.
10. **Diaz, M.T.**, He, G., Gadde, S., Bellion, C., Belger, A., Voyvodic, J.T., & McCarthy, G. (2011). The influence of emotional distraction on verbal working memory: An fMRI investigation comparing individuals with schizophrenia and healthy adults. *Journal of Psychiatric Research*, 45 (9), 1184-1193. PMID: 21411108 NIHMS: NIHMS276896, PMCID: PMC3131474
11. **Diaz, M.T.**, Barrett, K.T.*, & Hogstrom, L.J.* (2011). The influence of sentence novelty and figurativeness on brain activity. *Neuropsychologia*, 49 (3), 320-330. PMCID: PMC3034783
12. Greve, D.N., Mueller, B.A., Liu, T., Turner, J.A., Potkin, S.G., Voyvodic, J.T., **Diaz, M.T.**, Wallace, S., Yetter, E., Roach, B.J., Ford, J.M., Mathalon, D.H., Wible, C.G., & Glover, G. (2011). A novel method for quantifying scanner instability in fMRI. *Magnetic Resonance in Medicine*, 65(4), 1053-61. PMID: 21121002 NIHMS: NIHMS240496 PMCID: PMC3117086
13. Brown, G.G., Mathalon, D., Stern, H., Ford, J., Mueller, B., Greve, D., McCarthy, G., Voyvodic J., Glover, G., **Diaz, M.T.**, Yetter, E., Ozyurt, B., Jorgensen, K.W., Wible, C., Turner, J., Thompson, W.K., Potkin, S., and the FBIRN. (2011). Multisite reliability of cognitive BOLD data. *Neuroimage*, 54(3), 2163-75. PMCID: PMC3009557 [Available on 2012/2/1].
14. Wible, C.G., Lee, K., Molina, I., Hashimoto, R., Preus, A.P., Roach, B.J., Ford, J.M., Mathalon, D.H., McCarthy, G., Turner, J.A., Potkin, S.G., O'Leary, D., Belger, A., **Diaz, M.**, Voyvodic, J., Brown, G.G., Notestine, R., Greve, D., Lauriello, J., FBIRN (2009). FMRI activity correlated with auditory hallucinations during performance of a working memory task: Data from the FBIRN consortium study. *Schizophrenia Bulletin*, 35, 1, 47-57. PMCID: PMC2643958.
15. Segall, J.M., Turner, J.A., van Erp, T.G.M., White, T., Bockholt, H.J., Gollub, R.L., Ho, B.C., Magnotta, V., Jung, R.E., McCarley, R.W., Schulz, S.C., Lauriello, J., Clark, V.P., Voyvodic, J.T., **Diaz, M.T.**, Calhoun, V.D. (2009). Voxel-based morphometric multi-site collaborative study on schizophrenia. *Schizophrenia Bulletin*, 35, 1, 82-95. PMCID: PMC2643956.
16. Potkin, S. G., Turner, J. A., Brown, G. G., McCarthy, G., Greve, D. N., Glover, G. H., Manoach, D. S., Belger, A, **Diaz, M.T.**, Wible, C. G, Ford, J. M, Mathalon, D. H, Gollub, R, Lauriello, J, O'Leary, D, van Erp, T. G. M, Toga, A. W, Preda, A, and Lim, K. O. (2009). Working memory and DLPFC inefficiency in schizophrenia: The FBIRN study. *Schizophrenia Bulletin*, 35(1), 19-31. PMCID: PMC2643959.
17. **Diaz, M.T.**, He, G., Gadde, S., Bellion, C., Belger, A., Voyvodic, J.T., and McCarthy, G. (2009). Brain activity elicited by emotional stimuli during a verbal working memory task: A comparison of healthy adults and patients with chronic schizophrenia. *NeuroImage*, 47, S166.

18. **Diaz, M.T.** & McCarthy, G. (2009). A comparison of brain activity evoked by single content and function words: An fMRI investigation of implicit word processing. *Brain Research*, 1282, 38-49. PMID: PMC2755079.
19. **Diaz, M.T.** & Swaab, T.Y. (2007). Electrophysiological differentiation of phonological and semantic integration in word and sentence contexts. *Cognitive Brain Research*, 1146, 85-100. PMID: PMC1853329.
20. Schwartz, A.I, Kroll, J.F., & **Diaz, M.T.** (2007). Reading words in Spanish and English: Mapping orthography to phonology in two languages. *Language and Cognitive Processes*, 22:1, 106 - 129.
21. **Diaz, M.T.** & McCarthy, G. (2007). Unconscious word processing engages a distributed network of brain regions. *Journal of Cognitive Neuroscience*, 19(11), 1768-1775. PMID: 17958480.
22. Robertson, B., Wang, L., **Diaz, M.T.**, Aiello, M., Gersing, K., Beyer, J., Mukundan, S., McCarthy, G., & Doraiswamy, P.M. (2007). Effect of Bupropion XL on negative emotion processing in major depression: A pilot functional MRI study. *The Journal of Clinical Psychiatry*, 68(2), 261-267. PMID: 17335325

PAPERS UNDER REVIEW

* indicates student collaborators

1. Lee, H.J., van Erp, T.G.M., Turner, J.A., McCarthy, G., Mueller, B.A., Calhoun, V.D., Voyvodic, J.T., Preda, A., Rasmussen, J., **Diaz, M.T.**, Vu, N., Ford, J., Mathalon, D., Fallon, J., FBIRN, Brown, G.G., & Potkin, S.G. (Under Review). Diminished dorsolateral prefrontal cortex response to emotional distraction during working memory maintenance in schizophrenia patients.
2. Rossi, E., **Diaz, M.T.**, Kroll, J.F., & Dussias, P.E. (Under Review). When sentence comprehension in the native language is not enough: What second language learners and bilinguals tell us about the processing of morphosyntax.
3. Whitson, H.E., Chou, Y., Potter, G., **Diaz, M.T.**, Chen, N., Lad, E., Johnson, M.A., Cousins, S., & Madden, D.J. (Under Review). Verbal fluency and resting state brain connectivity in age-related macular degeneration: A pilot study.
4. Chou, Y., Weingarten, C.P., Gaur, P., Chu, M., Madden, D.J., Song, A.W., **Diaz, M.T.**, and Chen, N. (Under Review). Support Vector Machine Classification of Mind Wandering Using Whole-Brain Resting-State Functional Connectivity.
5. Zhuang J.* & **Diaz, M.T.** (Under Revision). The adaptive neural language systems supporting healthy aging.

PAPERS IN PREPARATION

* indicates student collaborators

1. **Diaz, M.T.**, Johnson, M.A.*, Truong, T.K., Burke, D.M., & Madden, D.J. (In Preparation). Age-related differences in the influence of task-irrelevant information on the neural bases of phonological and semantic processes
2. Zhuang, J.*, Johnson, M.A.*, Madden, D.J., Burke, D.M., & **Diaz, M.T.** (In Preparation). Hierarchical cognitive control systems in prefrontal cortex in language comprehension.
3. **Diaz, M.T.** (In Preparation). Non-verbal reasoning correlates with functional activation to metaphors.

4. **Diaz, M.T.**, Chou, Y.H., & Madden, D.J. (In Preparation). Resting state activity correlates with individual differences in verbal ability.
5. **Diaz, M.T.**, Winkler, T., & Swaab, T.Y. (In Preparation). Electrophysiological investigation of sentential semantic ambiguity effects in older and younger adults.
6. **Diaz, M.T.** & Swaab, T.Y. (In Preparation). Age-related changes in phonological and semantic integration in word and sentence contexts.

CONFERENCE PRESENTATIONS (* indicates student collaborators)

1. Zhuang, J.* Johnson, M.A.*, Burke, D.M., Madden, D.J., McLaughlin, M.E.* , Danehower, S.* , & **Diaz, M.T.** (2014). Differentiating competition and selection processes in prefrontal cortices. Poster presentation at the 21st meeting of the Cognitive Neuroscience Society, Boston, MA.
2. Carter, R.M., Johnson, M.A., Danehower, S., & **Diaz, M.T.** (2014). Perceived warmth affects social cognition during game play. Poster presentation at the 7th meeting of the Social & Affective Neuroscience Society (SANS), Denver, Co.
3. Madden, D.J., Parks, E.L., Chou, Y., Cocjin, S.B., Hoagey, D.A., **Diaz, M.T.**, Potter, G.G., Chen, N.K., Cabeza, R. (2014). Frontoparietal structural and functional connectivity mediates age-related differences in cognition. Poster presentation at the 21st meeting of the Cognitive Neuroscience Society, Boston, MA.
4. Rossi, E., Newman, S., **Diaz, M.T.**, Dussias, P.E., Ting, C., & Van Hell, J.G. (2013). Inhibitory control during sentential code-switching: Evidence from fMRI. Poster presentation at the 5th meeting of the Society for the Neurobiology of Language, San Diego, CA.
5. **Diaz, M.T.**, Johnson, M.A.* , Burke, D.M., & Madden, D.J. (2013). Age-related differences in resting state network connectivity and language. Poster presentation at the 19th meeting of the Organization for Human Brain Mapping, Seattle, WA.
6. **Diaz, M.T.**, Johnson, M.A.* , Pecoraro, A.* , Burke, D.M., & Madden, D.J. (2013). Functional and behavioral age-related changes in phonological and semantic processes under distracting conditions. Poster presentation at the 20th meeting of the Cognitive Neuroscience Society Meeting, San Francisco, CA.
7. Johnson, M.A.* , **Diaz, M.T.**, & Madden, D.J. (2013). Diffusion Tensor Imaging (DTI) of cerebral white matter integrity: Global versus tract-specific effects and mediation of age-related slowing. Poster presentation at the 20th meeting of the Cognitive Neuroscience Society Meeting, San Francisco, CA.
8. **Diaz, M.T.**, Johnson, M.A.* , Burke, D.M., & Madden, D.J. (2012). The role of white matter integrity in explaining age-related differences in phonological and semantic processes. Slide presentation at the 4th meeting of the Society for the Neurobiology of Language, San Sebastian, Spain.
9. Rossi, E., Newman, S., **Diaz, M.T.**, & Kroll, J. F. (2012). There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech. Poster presentation at the International Workshop on Language Production, New York, NY.
10. **Diaz, M.T.**, Johnson, M.A.* , Camblin, C.C.* , Burke, D.M., & Madden, D.J. (2012). Age-related differences in the neural bases of phonological and semantic processes. Poster presentation at the 19th meeting of the Cognitive Neuroscience Society, Chicago, IL.
11. Camblin, C.C.* , Hogstrom, L.J.* , & **Diaz, M.T.** (2011). The influence of written word distractors on brain activity during overt picture naming. Poster presentation at the 3rd meeting of the Society for the Neurobiology of Language, Annapolis, MD.
12. **Diaz, M.T.** & Hogstrom, L.J.* (2011). The influence of contextual congruence and figurativeness on hemispheric recruitment. Slide presentation at the 18th meeting of the Cognitive Neuroscience Society, San Francisco, CA.
13. **Diaz, M.T.** & Hogstrom, L.J.* (2011). The influence of novelty and context on hemispheric recruitment in processing metaphors. Poster presentation at the 17th meeting of the Organization for Human Brain Mapping, Quebec City, Canada.

14. **Diaz, M.T.**, He, G., Gadde, S., Bellion, C., Belger, A., Voyvodic, J.T., and McCarthy, G. (2009). Brain activity elicited by emotional stimuli during a verbal working memory task: A comparison of healthy adults and patients with chronic schizophrenia, Poster presented at the 15th meeting of the Organization for Human Brain Mapping, San Francisco, CA.
15. **Diaz, M.T.** & McCarthy, G. (2005). Face and object processing in the fusiform gyrus: A comparison of intracranial ERP recordings and functional MRI. Paper presented at the 35th Meeting of the Society for Neuroscience, Washington, D.C.
16. **Diaz, M.T.** & McCarthy, G. (2005). Unconscious word processing: Differential activation based on word category and imageability. Poster presented at the 12th Meeting of the Cognitive Neuroscience Society, New York, NY.
17. **Diaz, M.T.** & McCarthy, G. (2004). Unconscious word processing engages a distributed network of brain regions. Paper presented at the 34th Meeting of the Society for Neuroscience, San Diego, CA.
18. **Diaz, M.T.** & McCarthy, G. (2004). Content and function words differentiated by gray and white matter activations. Poster presented at the 11th Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
19. **Diaz, M.T.** & McCarthy, G. (2003). Different neural representations for content and function words. Poster presented at the 33rd Meeting of the Society for Neuroscience, New Orleans, LA.
20. **Diaz, M.T.** & Swaab, T.Y. (2002). An electrophysiological investigation of semantic and phonological aspects of spoken language. Poster presented at the 32nd Meeting of the Society for Neuroscience, Orlando, FL.
21. **Diaz, M.T.** & Swaab, T.Y. (2002). Electrophysiological differentiation of semantic and phonological processing during spoken language comprehension. Poster presented at the 9th Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
22. Schwartz, A., Kroll, J.F. & **Diaz, M.** (2001). Reading cognates: Mapping orthography to phonology in two languages. Poster presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
23. Schwartz, A., Kroll, J.F., & **Diaz, M.** (2000). Reading Spanish words with English word bodies: Activation of spelling-to-sound correspondences across languages. Paper presented at the Second International Conference on the Mental Lexicon, Montreal, Canada.

HONORS AND AWARDS

2012	Duke Leadership Academy, participant
2002-05	National Science Foundation Graduate Research Fellowship, recipient
2000-04	James B. Duke Endowment Fellowship, recipient
1999	Student Marshall, PSU Psychology Department-student with the highest GPA in the major
1999	Evan Pugh Scholar, students in the top 0.05% of their class
1996-99	Dean's List, All Semesters

TEACHING EXPERIENCE

Teaching was an optional aspect of my position at Duke. However, I strived to incorporate teaching when the course content overlapped with my experience and research. I enjoy interacting with students and they bring fresh perspectives to the content. Moreover, I find that teaching further develops one's own understanding of the material itself. Over the past 8 years, I had the opportunity to be the primary instructor in a variety of courses:

2009-2013	functional Magnetic Resonance Imaging (Primary Instructor, Duke University)
2008-2013	Neuroscience & Reading (Primary Instructor, Duke University Focus Program)
2005-2009	Statistical Methods (Primary Instructor, Duke University)
2007	Introductory Psychology (Primary Instructor, Duke University)
2004	Developmental Psychology (Teaching Assistant, Duke University)
2003	Cognitive Science (Teaching Assistant, Duke University)
2003	Introductory Psychology (Teaching Assistant, Duke University)

MENTORING EXPERIENCE

My position at Duke did not entail direct supervision of graduate students, however I had multiple opportunities to mentor students at all levels: undergraduate, post-baccalaureate, graduate, and post-doctoral. Additionally, I supervised the BIAC post-baccalaureate fellowship program in which post-baccalaureate students met regularly to discuss career development and research topics.

Director, BIAC post-baccalaureate fellowship program (2007-2014)

Post-doctoral Researchers

Jie Zhuang (2013 - Present)

C. Christine Camblin (2011 - 2012)

Ph.D. Thesis, Committee Member

Joseph Harris (2010 - 2012)

Marissa Gamble (2010 - present)

Post-baccalaureate Research Assistants

Micah Johnson (2010 - present)

Larson Hogstrom (2009 - 2011, awarded Fulbright Fellowship August 2011)

Undergraduate Honors Students

Ege Yalcinbas (2013 – present)

Kyle Barrett (2008 - 2009, 2012 University of Southern California law school graduate)

Anu Ganapathy (2003 - 2005, currently in medical school at University of Maryland)

Undergraduate Research Assistants

Sarah Danehower (2012 - Present)

Mary Elizabeth McLaughlin (2013 - Present)

Anthony Pecoraro (2012 - 2013)

Jennifer Yland (2013)

Mona Ascha (2011 - 2012)

(Maria) Paula Daneri (2012)

Caryn McCarthy (2012)

Lucy Bell (2011 - 2012)

MANAGERIAL EXPERIENCE

My role as Associate Director of BIAC included research, financial, and operational oversight of the center. In this capacity, I participated in a variety of duties (e.g. budget planning, personnel issues, center operations). I directly supervised 16 individuals and indirectly supervised another dozen. I had the opportunity to participate in two career development training opportunities: the Duke Leadership Academy and the Certified Financial Manager Program. The Duke Leadership Academy focused on broad goals of leadership and work culture, while the Financial Management Program focused on best practices for fiscal and compliance issues.

UNIVERSITY SERVICE

Business Manager, Brain Imaging & Analysis Center

BIAC Scientific Review Committee, Member

BIAC Technical Committee, Member

Focus Group Participant (ad-hoc)

Search Committee, Member (ad-hoc)

PROFESSIONAL AFFILIATIONS

Cognitive Neuroscience Society
Society for the Neurobiology of Language
Society for Neuroscience
Organization for Human Brain Mapping

NIH STUDY SECTION REVIEWER

NIDCD Communication Disorders Review Committee (ad hoc, June 2014)
NIDCD Special Emphasis Panel – VSL fellowship review (Feb 2014, June 2014)

MANUSCRIPT REVIEWER

Applied Psycholinguistics
Brain and Language
Brain Research
Brain Research Bulletin
Brain Topography
Cerebral Cortex
Clinical Neurophysiology
Developmental Science
Frontiers in Neuroscience
Human Brain Mapping
Journal of Cognitive Neuroscience
Journal of Psychiatric Research
Language and Linguistic Compass
Neurobiology of Aging
NeuroImage
Neuropsychologia
Neuropsychology