

DERIN J. COBIA

Department of Psychology and Neuroscience Center
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Provo, UT 84602
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EDUCATION

- 2008 **PhD – Clinical Psychology**
Neuropsychology major area of study
St. Louis University; St. Louis, MO
- 2006 **MS – Clinical Psychology**
St. Louis University; St. Louis, MO
- 2003 **BS – Psychology**
With Honors
Brigham Young University; Provo, UT

APPOINTMENTS & POSITIONS

- 2016 – current **Assistant Professor**
Department of Psychology and Neuroscience Center
- 2018 – current **Associate Director**
MRI Research Facility
Brigham Young University; Provo, UT
- 2016 – current **Adjunct Assistant Professor**
2013 – 2016 **Assistant Professor**
2012 – 2016 **Associate Director**
Clinical Psychology PhD Program
- 2011 – 2013 **Instructor**
Department of Psychiatry and Behavioral Sciences
Northwestern University Interdepartmental Neuroscience PhD Program
Northwestern University Feinberg School of Medicine; Chicago, IL
- 2011 – 2016 **Staff Neuropsychologist**
Department of Psychiatry and Behavioral Sciences
Northwestern Medical Group and Northwestern Memorial Hospital; Chicago, IL
- 2009 – 2010 **Postdoctoral Fellow in Clinical Neuropsychology**
Mesulam Cognitive Neurology and Alzheimer's Disease Center
Northwestern University Feinberg School of Medicine; Chicago, IL
- 2008 – 2011 **Postdoctoral Research Fellow**
NIH T32 NRSA Postdoctoral Fellow in the Neuroscience of Human Cognition
Department of Psychiatry and Behavioral Sciences
Northwestern University Feinberg School of Medicine; Chicago, IL
- 2007 – 2008 **Intern in Clinical Psychology - Neuropsychology**
Department of Behavioral Medicine and Psychiatry
West Virginia University School of Medicine; Morgantown, WV

LICENSURE & CERTIFICATION

2011 – 2018

Licensed Clinical Psychologist – IL #071.008122

PROFESSIONAL ACTIVITIES

Undergraduate Instructor:

Brigham Young University, Provo, UT

Psychology Department

- PSYCH 200 – Applying to Graduate School
- PSYCH 210 – History of Psychology
- PSYCH 381 – Behavioral Neurobiology

Graduate Instructor:

Brigham Young University, Provo, UT

Psychology Department

- PSYCH 514R – Computational Neuroimaging
- PSYCH 515R – Neuroimaging Analysis I: Structural Imaging
- PSYCH 585 – Biological Bases of Behavior
- PSYCH 685R – Advanced Seminar in Behavioral Neuroscience
- PSYCH 715R – Seminar in Neuroanatomy
- PSYCH 740R – Neuropsychology Case Conference

Northwestern University Feinberg School of Medicine, Chicago, IL

Clinical Psychology PhD Program

- CLIN_PSY 404 – Psychological Assessment
- CLIN_PSY 411 – History and Systems of Psychology
- CLIN_PSY 417 – Behavioral Neuroscience
- CLIN_PSY 471 – Principles of Neuroimaging
- CLIN_PSY 473 – Behavioral Neuroanatomy

Master of Science in Clinical Investigation Program

- MSCI 311 – Clinical Research Design, Methods, and Grant Writing

Clinical Supervision:

Northwestern University Feinberg School of Medicine, Chicago, IL

- 2012 – 2016: Clinical Neuropsychology
 - Postdoctoral fellows (4)
 - PhD graduate students (8)

Research Education:

† = chair

Undergraduate Honors Thesis

- 2022: Braydon Lee†, Brigham Young University, *"TBI-related shape abnormalities of deep-brain structures and their relationships with social affective outcomes"*
- 2022: Kennedy Madrid†, Brigham Young University, *"Examining limbic sexual dimorphisms in schizophrenia"*

Master's Thesis/Project Committee Member

- 2021: Dani Cimmino†, Brigham Young University, *"Sex differences in deep brain shape morphometry and their relationship with clinical symptomatology in patients with schizophrenia - an ENIGMA consortium meta-analysis"*
- 2020: Julie Van, Brigham Young University, *"Limited evidence for a triple dissociation in the medial temporal lobe: an fMRI replication study"*
- 2019: Rachael Slate†, Brigham Young University, *"Limbic system comparison in individuals with schizophrenia and their non-psychotic siblings"*

- 2019: Madeline Peterson, Brigham Young University, *"Extra-axial cerebrospinal fluid volume normalizes with age in autistic individuals"*
- 2018: Kaitlyn Greer†, Brigham Young University, *"Examination of inhibitory control in frontostriatal circuits in pediatric TBI: A SOBIK study"*
- 2018: Jolynn Jones, Brigham Young University, *"Functional Connectivity in Insomnia"*
- 2018: Kelsey Zaugg, Brigham Young University, *"Do shape and volume of subcortical neural structures involved in reward processing correlate with body mass and food reward in adolescent females?"*
- 2018: Vanessa Wall, Brigham Young University, *"Social-emotional outcomes in children with hydrocephalus"*
- 2017: Cooper Hodges, Brigham Young University, *"Exercise and pattern separation: A high-resolution whole-brain investigation of mnemonic discrimination in healthy adults"*
- 2017: Holly Paxton†, Brigham Young University, *"Thalamic morphology in non-semantic primary progressive aphasia"*
- 2016: Nathan Muncy, Brigham Young University, *"The fate of memory representations following mnemonic generalization: an fMRI study"*
- 2016: Ben Eschler, Brigham Young University, *"Psychiatric symptom severity following pediatric traumatic brain injury: A meta-analysis"*
- 2016: Maureen Satyshur, Northwestern University Feinberg School of Medicine, *"Neural correlates of brooding and reflective rumination in depressed and healthy women"*
- 2016: Jacklyn Fox, Northwestern University Feinberg School of Medicine, *"Neuropsychological profiles and descriptive classifications of mass murderers"*
- 2015: Rebecca Mullen, Northwestern University Feinberg School of Medicine, *"Limited vision and literacy as independent risk factors to unintentional misuse of non-prescription drugs"*
- 2015: Tatiana Karpouzian, Northwestern University Feinberg School of Medicine, *"Neural correlates of signal detection parameters for working memory"*
- 2014: Eva Alden, Northwestern University Feinberg School of Medicine, *"Cognitive and clinical relationships of paracingulate morphometry in schizophrenia"*
- 2014: Rachel Lawton, Northwestern University Feinberg School of Medicine, *"Discrepancy in parent-child report of health-related quality of life and its association with child-reported improvement at 6-months"*
- 2013: Esther Murillo, Ludwig Maximilian University of Munich, *"Cortical and cognitive characteristics of longitudinal change in schizophrenia"*
- 2013: Megan Connolly, Northwestern University Feinberg School of Medicine, *"Reduced striatal activation in major depression during the processing of emotional stimuli"*
- 2013: Adam Christensen, Northwestern University Feinberg School of Medicine, *"Hippocampal deformity in non-semantic primary progressive aphasia: shape, volume, and cognitive correlates"*
- 2012: Lindsey Sankin, Northwestern University Feinberg School of Medicine, *"Emotion recognition deficits in depressed adults with perceived childhood trauma"*
- 2012: Angel Buchanan, Northwestern University Feinberg School of Medicine, *"Functional connectivity in women with major depressive disorder predicts symptom severity"*

Doctoral Dissertation Committee Member

- 2022: Rachael Slate†, Brigham Young University, *"Sexual dimorphisms in cortical thickness trajectories and illness factors in schizophrenia"*
- 2022: Madeline Peterson, Brigham Young University, *"Estimating hemispheric specialization in autistic and neurotypical individuals"*
- 2021: Jolynn Jones, Brigham Young University, *"Neural correlates of the sleep-suicidal ideation association"*
- 2021: Kaitlyn Greer†, Brigham Young University, *"The influence of sex on cognitive control performance and frontoparietal network integrity in first episode psychosis"*
- 2020: Holly Winiarski†, Brigham Young University, *"The relationship between thalamic morphology and behavioral features in amnesic and aphasic variants of AD"*
- 2020: Lindsay Fruehauf, Brigham Young University, *"Concurrent and incremental validity of parent- and teacher-report and neuropsychological measures of executive functions, attention, and hyperactivity in an outpatient community mental health clinic sample"*

- 2019: Nathan Muncy, Brigham Young University, "Mnemonic discrimination: Correcting false memories and detecting changes in time"
- 2019: Ben Eschler, Brigham Young University, "Predictors of psychosocial functioning following pediatric neuropsychological assessment"
- 2018: Kayla Adler Frodsham, Brigham Young University, "A feasibility study of a group-format, Ecologically Oriented Neurorehabilitation of Memory (EON-Mem) program in older adults"
- 2018: Cooper Hodges, Brigham Young University, "Heterogeneity in brain injury: An investigation of the efficacy of qualitative comparative analysis in diffusion tensor imaging"
- 2017: Hannah Lindsey, Brigham Young University, "Utility of high-definition fiber tractography and eye-tracking for measuring outcome in chronic mild traumatic brain injury"
- 2017: Benjamin Carter, Brigham Young University, "Dyslexia beyond the word: An ecological study of specific reading disorder"
- 2017: Jennifer Eastman, Northwestern University Feinberg School of Medicine, "Cancer-related cognitive impairment and aging: Effects of cancer history and pre-cancer cognitive impairment on cognitive aging trajectories in older adults"
- 2016: Juliann Thompson, Brigham Young University, "Cognitive and behavioral outcome in children and adolescents with previous ECMO treatment: A case series with neuroimaging correlates"
- 2015: Eva Alden, Northwestern University Feinberg School of Medicine, "Neuroanatomical differences in working memory circuitry among schizophrenia subjects with high and low levels of community functioning"
- 2015: John Stratton, Northwestern University Feinberg School of Medicine, "Differences in neuropsychological functioning between homicidal and nonviolent schizophrenia samples"
- 2014: Megan Connolly, Northwestern University Feinberg School of Medicine, "Examining the functional connectivity of the striatum and its association with motivational behavior in depression"
- 2014: Adam Christensen, Northwestern University Feinberg School of Medicine, "Hippocampal subfield deformity patterns and memory function in non-semantic primary progressive aphasia and amnesic dementia of the Alzheimer type"
- 2013: Angel Buchanan, Northwestern University Feinberg School of Medicine, "The neural circuitry of attention in women with major depressive disorder"

Postdoctoral Research Fellows

- 2022 – current: Michaela Simpson, PsyD
- 2020 – 2022: Christopher Howard, PsyD
- 2018 – 2020: Danielle McEachern, PsyD

Faculty Mentoring

- 2019 – current: Tricia Merkley, PhD

Editorial Service:

- 2022 – current: Associate Editor, *Frontiers in Psychiatry: Schizophrenia section*
- 2021 – 2022: Editorial Board – Review Editor, *Frontiers in Psychiatry: Schizophrenia section*
- 2020 – current: Editorial Board, *Journal of the International Neuropsychological Society*
- 2019 – current: Editorial Board, *Neuropsychology*
- 2018 – current: Editorial Board, *Aging, Neuropsychology, and Cognition*
- 2018 – 2022: Associate Editor, *BMC Psychiatry*

Ad hoc Reviewer:

- *Aging, Neuropsychology, and Cognition*
- *Alzheimer's & Dementia*
- *American Journal of Neuroradiology*
- *Annals of Clinical and Translational Neurology*
- *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*
- *BMC Psychiatry*
- *Brain*

- *Brain & Cognition*
- *Brain Imaging and Behavior*
- *Cognitive, Affective, and Behavioral Neuroscience*
- *Comprehensive Psychiatry*
- *Frontiers in Psychiatry*
- *General Hospital Psychiatry*
- *Journal of Affective Disorders*
- *Journal of Alzheimer's Disease Reports*
- *Journal of Clinical and Experimental Neuropsychology*
- *Journal of Cognitive Psychotherapy*
- *Journal of the International Neuropsychological Society*
- *Neuroimage: Clinical*
- *Neurology*
- *Neuropsychology*
- *Neuropsychology Review*
- *Psychiatry Research*
- *Psychiatry Research: Neuroimaging*
- *Psychological Medicine*
- *Schizophrenia Bulletin*
- *Schizophrenia Research*
- *The Clinical Neuropsychologist*

Grant Reviewing

- 2022 – current: Early Career Reviewer at the Center for Scientific Review, NIH
- 2018, 2020, 2022: Texas Alzheimer's Research and Care Consortium (TARCC) Scientific Review Panel

Society Service:

- 2020 – 2022: Member, 2022 Program Committee, Schizophrenia International Research Society
- 2018 – 2022: Chair, Education Committee, International Neuropsychological Society
- 2019, 2021: Early Career Mentorship Program, Schizophrenia International Research Society
- 2014 – 2020: Education Advisory Committee, Society for Clinical Neuropsychology (APA Division 40)
- 2019: Abstract Reviewer – Annual Meeting of the Organization for Human Brain Mapping
- 2016 – 2018: Associate Editor, International Neuropsychological Society Newsletter
- 2016 – 2018: Education Task Force Member, International Neuropsychological Society
- 2015: Program Chair – 43rd Annual Meeting of the International Neuropsychological Society
- 2015: Abstract Reviewer – 2015 Alzheimer's Association International Conference
- 2013, 2016, 2017, 2018, 2019, 2020, 2021: Program Planning Committee Member – Annual Meeting of the International Neuropsychological Society

Committee Service:

- 2022 – current: Chair, Social Committee, *Brigham Young University*
- 2021 – current: Chair, Awards Committee, *Brigham Young University*
- 2021 – current: Chair of Committee for Student Appeals, Neuroscience Center, *Brigham Young University*
- 2020 – current: FHSS Technology Advisory Committee, *Brigham Young University*
- 2017 – 2020: Research Area Coordinator – Cognitive and Behavioral Neuroscience, *Brigham Young University*
- 2017 – 2018: FHSS OIT Ad Hoc Committee, *Brigham Young University*

Community Service:

- 2009 – 2014: Northwestern University FTD/PPA Annual Conference – Support Group Facilitator

PROFESSIONAL MEMBERSHIPS

- American Academy of Clinical Neuropsychology
- American Psychological Association
 - Division 40 (Society for Clinical Neuropsychology)
- International Neuropsychological Society
- Organization for Human Brain Mapping
- Schizophrenia International Research Society
- Society for Biological Psychiatry

HONORS & AWARDS

Individual:

2020	BYU Mentoring Environment Grant (MEG)	\$20,000
2018	BYU Mentoring Environment Grant (MEG)	\$20,000
2015-2017	NIH Loan Repayment Program – Clinical Research (NIMH)	\$70,000
2013	University of Michigan Training Course in fMRI (PI: John Jonides, PhD)	NIH-funded
2010	International Conference on Frontotemporal Dementias Trainee Travel Award	\$500
2005, 2007	St. Louis University Severin Endowed Fund	\$200
2003	Brigham Young University Honors Research and Development Award	\$500

Mentored:

2019	BYU High Impact Doctoral Research Assistantship (Rachael Slate)	\$90,000
2018	BYU High Impact Doctoral Research Assistantship (Kaitlyn Greer)	\$90,000
2017	BYU High Impact Doctoral Research Assistantship (Holly Paxton)	\$90,000

INVITED LECTURES

June 2021. *Work-life integration in neuropsychology*. Invited Panel Discussion, 2021 American Academy of Clinical Neuropsychology Annual Meeting, Online.

March 2016. *The role of cognition in psychosis*. Invited Grand Rounds speaker, West Virginia University School of Medicine Department of Psychiatry, Morgantown, WV.

April 2015. *Is there anything “normal” about schizophrenia?* Invited Behavioral Neuroscience Seminar Speaker, University of Illinois at Chicago Department of Psychiatry, Chicago, IL.

October 2013. *The “shape” of things: Using novel imaging methods to understand brain disease*. Invited Lecture, Brigham Young University Department of Psychology Forum, Provo, UT.

October 2013. *Understanding psychosis through neuroimaging*. Invited CME Lecture, Utah State Hospital, Provo, UT.

January 2013. *Investigating the neurobiology of two sequelae of mTBI: Major depressive disorder and substance abuse*. The Yellow Ribbon Council of the Military Affairs Subcommittee, Chicago, IL.

November 2011. *Neuroimaging of psychiatric and neurologic illness*. Invited Lecture, Adler School of Professional Psychology, Chicago, IL.

February 2010. *Neuroimaging in primary progressive aphasia*. Symposium, 38th Annual Meeting for the International Neuropsychological Society, Acapulco, MX.

September 2009. *Memory loss and dementia*. Chicago Area Alzheimer’s Disease Support Group, Chicago, IL.

September 2008. *Recent advances in the neuroimaging of schizophrenia*. Invited Lecture, 12th Annual West Virginia University School of Medicine Thought Disorders Conference, Morgantown, WV.

RESEARCH GRANTS

Completed:

NIA R01 AG056258-07 (Emily Rogalski, PI) <i>Determinants of Neurodegenerative Decline in Primary Progressive Aphasia</i> Role: Co-Investigator	5/15/2017 – 2/28/2022 \$4,153,363
NINDS R01 NS090677-04 (Cathrin Buetefisch, PI) <i>Customized Cortical Stimulation Therapy in the Rehabilitation of Stroke Patients</i> Role: Consultant	8/1/2015 – 7/31/2021 \$2,988,990
VA RR&D RX000949-01A2 (Amy Herrold, PI) <i>Brain Targets for Alcohol Craving in Veterans with mTBI</i> Role: Consultant	4/01/2014 – 10/31/2020 \$820,020
NIMH R34 MH111531-02 (Matthew J. Smith, PI) <i>Virtual Job Interview Training for Transition Age Youth with ASD</i> Role: Consultant	7/1/2017 – 6/20/2020 \$734,224
NIA R01 AG030611-09 (Michael Wolf, PI) <i>LitCog III: Health Literacy and Cognitive Function among Older Adults</i> Role: Co-Investigator	4/10/2016 – 4/9/2020 \$2,543,380
NIA R01 AG045571-05 (Emily Rogalski, PI) <i>Exceptional Cognitive Aging: Neuropsychologic, Anatomic, and Pathological Correlates</i> Role: Consultant	9/30/2014 – 4/30/2019 \$2,623,694
NINR R01 NR014182-01 (Lei Wang, PI) <i>Hippocampal Predictors of Cognitive Impairment in Breast Cancer Patients</i> Role: Co-Investigator	9/26/2012 - 8/30/2017 \$2,363,644
NARSAD Young Investigator Award (Derin Cobia, PI) <i>The Predictive Ability of Reward and Working Memory Circuitry in the Treatment of Negative Symptoms in Schizophrenia Using Magnesium Threonate (MgT)</i> Role: Principal Investigator	7/15/2014 - 1/14/2017 \$60,000
VA HSR&D LIP 42-129 (Theresa Pape, PI) <i>Identification of a Biomarker for Combat Related mTBI</i> Role: Consultant	5/01/2011 - 12/30/2015 \$8,000
NIMH R01 MH084803 (Lei Wang, PI) <i>Schizophrenia Data and Software Tool Federation using BIRN Infrastructure</i> Role: Research Fellow	7/1/2009 - 6/30/2012 \$933,395
NIMH R01 MH56584-09 (John G. Csernansky, PI) <i>Neuromorphometry in Schizophrenia by Computer Algorithm</i> Role: Research Fellow	3/1/2007 - 2/28/2012 \$4,407,340
NINDS T32 NS047987-05 (Ken Paller, PI) <i>Heterogeneity of Abnormal Working Memory Circuitry in Neuropsychologically Defined Schizophrenia Subtypes</i> Role: Postdoctoral Fellow	1/1/2011 - 12/31/2011 \$44,000

NIA **P30 AG13854-13** (M-Marsel Mesulam, PI)

7/1/2009 - 6/30/2010

Cortical Surface-Based Analysis of Perisylvian Abnormalities in Primary Progressive Aphasia

\$28,000

Role: Co-Investigator

PUBLICATIONS

Web of Science/Google Scholar *h*-index: 17/21

i10-index: 31

Book Chapters:

2. **Cobia, D.**, Pulsipher, D., Block, C. (2021). Conducting and disseminating research. In Cady Block (Ed.) *The Neuropsychology Roadmap: A Complete Training Guide*. Washington DC: APA Press.
1. **Cobia, D.**, Rich, C., & Bigler, E.D. (2020). Imaging techniques in the context of cognitive rehabilitation. In Nancy Chiaravalloti, Erica Weber & John DeLuca (Eds.) *Cognitive Rehabilitation: Examining the Evidence from Brain to Behavior*. New York, NY: Springer Nature.

Journal Articles:

Published

41. Merkley, T., Halter, C., Graul, B., Gale, S., Junge, C., Reading, M., Jarvis, S., Greer, K., Squires, C., Bigler, E., Taylor, H.G., Vannatta, K., Gerhardt, C., Rubin, K., Stancin, T., Yeates, K.O., & **Cobia, D.** (*in press*). Regional cortical thickness correlates of intellectual abilities differ in children with traumatic brain injury versus orthopedic injury in the chronic post-injury phase. *Journal of Neurotrauma*.
40. Zaugg, K., **Cobia, D.**, & Jensen, C. (2022). Abnormalities in amygdalar morphology and orbitofrontal cortical thinning relate to reward processing and body mass in adolescent girls. *International Journal of Obesity*, 46, 1720-1727. <https://doi.org/10.1038/s41366-022-01188-y>
39. Greer, K., Snyder, A., Junge, C., Reading, M., Jarvis, S., Squires, C., Bigler, E., Popuri, K., Beg, F., Taylor, H.G., Vannatta, K., Gerhardt, C., Rubin, K., Yeates, K.O., & **Cobia, D.** (2022). Surface-based abnormalities in frontostriatal circuitry relate to impaired executive functioning in pediatric TBI. *Neuroimage: Clinical*, 35, 103136 <https://doi.org/10.1016/j.nicl.2022.103136>
38. **Cobia, D.**, Rich, C., Smith, M.J., Gonzalez, P.E., Cronenwett, W., Csernansky, J.G., & Wang, L. (2022). Thalamic shape abnormalities differentially relate to cognitive performance in early-onset and adult-onset schizophrenia. *Frontiers in Psychiatry*, 13, 803234. <https://doi.org/10.3389/fpsy.2022.803234>
37. Alden, E., Smith, M.J., Reilly, J., Wang, L., Csernansky, J.G., & **Cobia, D.** (2022). Shape features of working memory-related deep-brain regions differentiate high and low community functioning in schizophrenia. *Schizophrenia Research: Cognition*, 29, 100250. <https://doi.org/10.1016/j.scog.2022.100250>
36. Bornheimer, L., **Cobia, D.**, Li Verdugo, J., Holzworth, J., & Smith, M.J. (2022). Clinical insight and cognitive functioning as mediators in the relationships between symptoms of psychosis, depression, and suicide ideation in first-episode psychosis. *Journal of Psychiatric Research*, 147, 85-93. <https://doi.org/10.1016/j.jpsychires.2022.01.006>
35. Gutman, B., van Erp, T., Alpert, K., Isaev, D., Ragothaman, A., Ching, C., Jahanshad, N., Saremi, A., Zavaliangos-Petropulu, A., Glahn, D., Shen, L., Cong, S., Alnaes, D., Andreassen, O., ... **Cobia, D.**, Csernansky, J.G., Thompson, P., Turner, J., & Wang, L. (2022). A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared to 3,929 healthy volunteers via the ENIGMA consortium. *Human Brain Mapping*, 43(1), 352-372. <https://doi.org/10.1002/hbm.25625>

34. **Cobia, D.**, Rich, C., Smith, M.J., Mamah, D., Csernansky, J.G., & Wang, L. (2021). Basal ganglia shape features differentiate schizoaffective disorder from schizophrenia. *Psychiatry Research: Neuroimaging*, *317*, 111352. <https://doi.org/10.1016/j.pscychresns.2021.111352>
33. Karpouzian-Rogers, T., **Cobia, D.**, Petersen, J., Wang, L., Mittal, V., Csernansky, J.G., & Smith, M.J. (2021). Cognitive empathy and longitudinal changes in temporo-parietal junction thickness in schizophrenia. *Frontiers in Psychiatry*, *12*, 667656. <https://doi.org/10.3389/fpsy.2021.667656>
32. Bornheimer, L., Wojtalik, J., Li, J., **Cobia, D.**, & Smith, M.J. (2021). Suicidal ideation within first-episode psychosis: Considerations for the role of depression, symptoms of psychosis, clinical insight, and cognitive functioning. *Schizophrenia Research*, *228*, 298-304. <https://doi.org/10.1016/j.schres.2020.12.025>
31. Lovett, R., Curtis, L., Persell, S., Griffith, J., **Cobia, D.**, Federman, A., & Wolf, M. (2020). Cognitive impairment no dementia and associations with health literacy, self-management skills, and functional health status. *Patient Education and Counseling*, *103*, 1805-1811. <https://doi.org/10.1016/j.pec.2020.03.013>
30. Rogalski, E., Sridhar, J., Martersteck, A., Rader, B., **Cobia, D.**, Arora, A., Fought, A., Weintraub, S., Mesulam, M-M., & Rademaker, A. (2019). Clinical and cortical decline in the aphasic variant of Alzheimer's disease. *Alzheimer's and Dementia*, *15*(4), 543-552. <https://doi.org/10.1016/j.jalz.2018.12.003>
29. Buetefisch, C., Revill, K., Haut, M., Kowalski, G., Wishnewski, M., Pifer, M., Belagaje, S., Nahab, F., **Cobia, D.**, Hu, X., Drake, D., & Hobbs, G. (2018). Abnormally reduced primary motor cortex output is related to impaired hand function in chronic stroke. *Journal of Neurophysiology*, *120*(4), 1680-1694. <https://doi.org/10.1152/jn.00715.2017>
28. Stratton, J., **Cobia, D.**, Reilly, J., Brook, M., & Hanlon, R. (2018). Differences in neuropsychological functioning between homicidal and nonviolent schizophrenia samples. *Journal of Forensic Sciences*, *63*(5), 1435-1443. <https://doi.org/10.1111/1556-4029.13750>
27. Feigon, M., Block, C.K., Guidotti-Breting, L., Boxley, L., Dawson, E., & **Cobia, D.** (2017). Work-life integration in neuropsychology: a review of the existing literature and preliminary recommendations. *The Clinical Neuropsychologist*, *28*(1), 1-18. <https://doi.org/10.1080/13854046.2017.1411977>
26. **Cobia, D.**, Smith, M.J., Salinas, I., Gado, M., Ng, C., Wang, L., & Csernansky, J.G. (2017). Progressive deterioration of thalamic nuclei relates to cortical network decline but not cognition in schizophrenia. *Schizophrenia Research*, *180*, 21-27. <https://doi.org/10.1016/j.schres.2016.08.003>
25. Massey, S., Stern, D., Alden, E., Petersen, J., **Cobia, D.**, Wang, L., Csernansky, J.G., & Smith, M.J. (2017). Cortical thickness of neural substrates supporting cognitive empathy in individuals with schizophrenia. *Schizophrenia Research*, *179*, 119-124. <https://doi.org/10.1016/j.schres.2016.09.025>
24. Rogalski, E., Sridhar, J., Rader, B., Martersteck, A., Chen, K., **Cobia, D.**, Thompson, C., Weintraub, S., Bigio, E., & Mesulam, M-M. (2016). Aphasic variant of Alzheimer's disease: clinical anatomic and genetic features. *Neurology*, *(87)*13, 1337-1343. <https://doi.org/10.1212/wnl.0000000000003165>
23. Edland, S., Ard, M., Sridhar, J., **Cobia, D.**, Martersteck, A., Mesulam, M-M, & Rogalski, E. (2016). Proof of concept demonstration of optimal composite MRI endpoints for clinical trials. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, *2*(3), 177-181. <https://doi.org/10.1016/j.trci.2016.05.002>
22. D'Anna, L., Mesulam, M-M., Thiebaut de Schotten, M., Dell'Acqua, F., Wieneke, C., Martersteck, A., **Cobia, D.**, Rogalski, R., and Catani, M. (2016). Frontotemporal networks and behavioral symptoms in primary progressive aphasia. *Neurology* *86*(15), 1393-1399. <https://doi.org/10.1212/wnl.0000000000002579>

21. Wang, L., Alpert, K., Calhoun, V., **Cobia, D.**, Keator, D., King, M., Kogan, A., Landis, D., Tallis, M., Turner, M., Potkin, S., Turner, J., & Ambite, J. (2016). SchizConnect: Mediating neuroimaging databases on schizophrenia and related disorders for large-scale integration. *Neuroimage*, *124(B)*, 1155-1167. <https://doi.org/10.1016/j.neuroimage.2015.06.065>
20. Herrold, A., Sander, A., Wilson, K., Scimeca, L., **Cobia, D.**, & Breiter, H. (2015). Dual diagnosis of traumatic brain injury and alcohol use disorder: Characterizing clinical and neurobiological underpinnings. *Current Addictions Reports*, *2(4)*, 1-12. <https://doi.org/10.1007/s40429-015-0078-3>
19. Alden, E., **Cobia, D.**, Reilly, J., & Smith, M.J. (2015). Cluster analysis differentiates high and low community functioning in schizophrenia: Subgroups differ on working memory but not other neurocognitive domains. *Schizophrenia Research*, *168*, 273-278. <https://doi.org/10.1016/j.schres.2015.07.011>
18. Connolly, M., Gollan, J., **Cobia, D.**, & Wang, X. (2015). Reduced striatal activation in major depression during the processing of emotional stimuli. *Journal of Psychiatric Research*, *68*, 384-391. <https://doi.org/10.1016/j.jpsychemes.2015.04.025>
17. Smith, M.J., **Cobia, D.**, Reilly, J., Gilman, J., Roberts, A., Alpert, K., & Wang, L., Breiter, H., Csernansky, J.G. (2015). Cannabis-related episodic memory deficits and hippocampal morphological differences in healthy individuals and schizophrenia subjects. *Hippocampus*, *25(9)*, 1042-1051. <https://doi.org/10.1002/hipo.22427>
16. Christensen, A., Alpert, K., Rogalski, E., **Cobia, D.**, Rao, J., Beg, F., Weintraub, S., Mesulam, M-M., & Wang, L. (2015). Hippocampal subfield deformity in non-semantic primary progressive aphasia. *Alzheimer's & Dementia: Diagnosis, Assessment and Disease Monitoring*, *1*, 14-23. <https://doi.org/10.1016/j.dadm.2014.11.013>
15. Russell, T., Blizinsky, K., **Cobia, D.**, Cahill, M., Xie, Z., Sweet, R., Duan, J., Gejman, P., Wang, L., Csernansky, J.G., & Penzes, P. (2014). A sequence variant in human KALRN impairs protein function and coincides with reduced cortical thickness. *Nature Communications*, *5*:4858. <https://doi.org/10.1038/ncomms5858>
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13. Smith, M.J., Horan, W., **Cobia, D.**, Karpouzian, T., Fox, J., Reilly, J., & Breiter, H. (2014). Performance-based empathy mediates the relationship between working memory and functional outcome in schizophrenia. *Schizophrenia Bulletin*, *40(4)*, 824-834. <https://doi.org/10.1093/schbul/sbt084>
12. Smith, M.J., **Cobia, D.**, Wang, L., Alpert, K., Cronenwett, W., Goldman, M., Mamah, D., Barch, D., Breiter, H., & Csernansky, J.G. (2014). Cannabis-related working memory deficits and associated subcortical morphological differences in healthy individuals and schizophrenia subjects. *Schizophrenia Bulletin*, *40(2)*, 287-299. <https://doi.org/10.1093/schbul/sbt176>
11. Wang, L., Kogan, A., **Cobia, D.**, Alpert, K., Kolasny, A., Miller, M., & Marcus, D. (2013). Northwestern University Schizophrenia Data and Software Tool (NUSDAST). *Frontiers in Neuroinformatics*, *7*, 25. <https://doi.org/10.3389/fninf.2013.00025>
10. **Cobia, D.**, Smith, M.J., Wang, L., & Csernansky, J.G. (2012). Longitudinal progression of frontal and temporal lobe changes in schizophrenia. *Schizophrenia Research*, *139*, 1-6. <https://doi.org/10.1016/j.schres.2012.05.002>
9. Reiter, K., Alpert, K., **Cobia, D.**, Kwasny, M., Morris, J., Csernansky, J.G., & Wang, L. (2012). Cognitively normal individuals with AD parents may be at risk for developing aging-related cortical thinning patterns characteristic of AD. *Neuroimage*, *61*, 525-532. <https://doi.org/10.1016/j.neuroimage.2012.03.083>

8. Smith, M.J., Horan, W., Karpouzian, T., Abram, S., **Cobia, D.**, & Csernansky, J.G. (2012). Self-reported empathy deficits are uniquely associated with poor functioning in schizophrenia. *Schizophrenia Research*, *137*, 196-202. <https://doi.org/10.1016/j.schres.2012.01.012>
7. Hanlon, R., Coda, J., **Cobia, D.**, & Rubin, L. (2012). Psychotic domestic murder: Neuropsychological differences between homicidal and nonhomicidal schizophrenic men. *Journal of Family Violence*, *27*, 105-113. <https://doi.org/10.1007/s10896-011-9410-4>
6. **Cobia, D.**, Csernansky, J.G., & Wang, L. (2011). Cortical thickness in neuropsychologically near-normal schizophrenia. *Schizophrenia Research*, *133*, 68-76. <https://doi.org/10.1016/j.schres.2011.08.017>
5. Rogalski, E., **Cobia, D.**, Harrison, T., Wieneke, C., Weintraub, S., & Mesulam, M-M. (2011). Progression of cortical atrophy in subtypes of primary progressive aphasia. *Neurology*, *76*(21), 1804-1810. <https://doi.org/10.1212/wnl.0b013e31821ccd3c>
4. Rogalski, E., **Cobia, D.**, Harrison, T., Weintraub, S., Thompson, C., & Mesulam, M-M. (2011). Anatomy of language impairments in primary progressive aphasia. *The Journal of Neuroscience*, *31*(9), 3344-3350. <https://doi.org/10.1523/jneurosci.5544-10.2011>
3. Mesulam, M-M., Wieneke, C., Rogalski, E., **Cobia, D.**, Thompson, C., & Weintraub, S. (2009). Quantitative template for subtyping primary progressive aphasia. *Archives of Neurology*, *66*(12), 1545-1551. <https://doi.org/10.1001/archneurol.2009.288>
2. Mesulam, M-M., Rogalski, E., Wieneke, C., **Cobia, D.**, Rademaker, A., Thompson, C., & Weintraub, S. (2009). Neurology of anomia in the semantic variant of primary progressive aphasia. *Brain*, *132*, 2553-2565. <https://doi.org/10.1093/brain/awp138>
1. LaVoie, D. & **Cobia, D.** (2007). Recollecting, recognizing, and other acts of remembering: An overview of human memory. *Journal of Neurologic Physical Therapy*, *31*, 135-144. <https://doi.org/10.1097/npt.0b013e31814a63e8>

Shorter Works:

1. **Cobia, D.** (2018). False discovery rate; Machine learning; Shape/contour analysis. In Jeffrey Kreutzer, John DeLuca & Bruce Caplan (Eds.) *Encyclopedia of Clinical Neuropsychology*. New York, NY: Springer.

PROFESSIONAL PRESENTATIONS

73. Greer, K. M., Jarvis, S., Graul, B., Halter, C., Clouse, A., Reading, M., Lee, B., Popuri, K., Beg, M.F., & **Cobia, D.** (February 2023). *The influence of sex on cognitive control performance and frontoparietal network integrity in early psychosis*. Poster accepted for presentation at the 51st Annual Meeting of the International Neuropsychological Society, San Diego, CA.
72. Tripathi, R., **Cobia, D.**, Scarisbrick, D., Popuri, K., Beg, F., Hutson, B., D'Haese, P., & Haut, M.W. (October 2022). *Shape features of reward circuitry in Parkinson's Disease impulse control disorder*. Poster presented at the 147th Annual Meeting of the American Neurological Association, Chicago, IL.
71. **Cobia, D.**, Jensen, J., Jarvis, S., Johnson, S., Madrid, K., Winiarski, H. P., Junge, C., Smith, M.J., Csernansky, J.G., & Wang, L. (April 2022). *Deep brain shape features differentiate cognitive subtypes in schizophrenia*. Poster presented at the 2022 Biennial Meeting of the Schizophrenia International Research Society, Florence, IT.
70. Kay, D., **Cobia, D.**, Graul, B., Karim, H.T., Jones, J., Jarvis, S., Cornwell, J., Junge, C., Madrid, K., Winiarski, H.P., Buysse, D.J. (March 2022). *Structural brain differences in individuals with insomnia compared to good sleepers for volume, thickness, and shape*. Oral presentation at the World Sleep Congress 2022, Rome, Italy.

69. Merkle, T., **Cobia, D.**, Halter, C., Graul, B., Gale, S., Junge, C., Reading, M., Jarvis, S., Greer, K., Squires, C., Bigler, E., Dennis, M., Taylor, H.G., Rubin, K., Vanatta, K., Gerhardt, C., Stancin, T., Yeates, K.O. (February 2022). *Regional cortical thickness correlates of intellectual abilities differ in children with traumatic brain injury vs. orthopedic injury*. Poster presented at the 50th Annual Meeting of the International Neuropsychological Society, Virtual Meeting.
68. **Cobia, D.**, Rich, C., Gonzalez, P., Smith, M.J., Cronenwett, W., Csernansky, J.G., & Wang, L. (May 2021). *Distinct thalamic shape abnormalities differentially relate to cognition in early-onset relative to adult-onset schizophrenia*. Virtual poster presentation at the Society of Biological Psychiatry 2021 Virtual Meeting.
67. Slate, R., **Cobia, D.**, Greer, K., Smith, M.J., Csernansky, J.G., & Wang, L. (April 2021). *Limbic morphometry in individuals with schizophrenia and their nonpsychotic siblings*. Virtual poster presentation at the 2021 Congress of the Schizophrenia International Research Society.
66. Bornheimer, L. A., Wojtalik, J. A., Li, J., **Cobia, D.**, & Smith, M.J. (April 2021). *Clinical insight and cognitive functioning as mechanisms in the relationships between psychosis symptomatology, depression, and suicide ideation among Individuals in a first episode of psychosis*. Invited symposium presentation at the 2021 Congress of the Schizophrenia International Research Society.
65. Bornheimer, L. A., Wojtalik, J. A., Li, J., **Cobia, D.**, & Smith, M.J. (April 2021). *Symptoms of psychosis, depression, and suicide ideation among individuals in a first episode of psychosis: The mechanistic role of clinical insight and cognitive functioning*. Virtual poster presentation at the 29th European Congress of Psychiatry conference.
64. Greer, K.M., **Cobia, D.**, Snyder, A., Junge, C., Reading, M., Jarvis, S., Squires, C., Bigler, E., Taylor, H.G., Vannatta, K., Gerhardt, C., Rubin, K. & Yeates, K.O. (February 2021). *Examination of executive functioning in frontostriatal circuitry in pediatric TBI: A SOBIK study*. Poster presented at the 49th Annual Meeting of the International Neuropsychological Society, Virtual.
63. Rogalski, E.J., Sridhar, J., Martersteck, A., Makowski-Woidan, B., Engelmeyer, J., Parrish, T., Besson, P., **Cobia, D.**, Winiarski, H., Weintraub, S., Katsaggelos, A., Bandt, K., Bigio, E.H., Geula, C. and Mesulam, M. (July 2020), *SuperAging: A model for studying mechanisms of resilience and resistance*. Virtual paper presentation at the Alzheimer's Association International Conference 2020, Online.
62. **Cobia, D.**, Winiarski, H., Sridhar, J., Makowski-Woidan, B., Engelmeyer, J., Weintraub, S., Mesulam, M-M., & Rogalski, E. (July 2020). *Hippocampal volume and shape features in SuperAgers*. Virtual poster presentation at the Alzheimer's Association International Conference 2020, Online.
61. Lovett, R.M., Curtis, L.M., Griffith, J., Persell, S.D., **Cobia, D.**, Federman, A., & Wolf, M.S. (April 2020) Cognitive impairment no dementia and associations with health literacy, self-management skills, and functional health status. Virtual poster presentation at the 2020 Society for Behavioral Medicine.
60. Rich, C., **Cobia, D.**, Junge, C., Reading, M., Jarvis, S., Squires, C., Greer, K., Bigler, E., Taylor, H.G., Vannatta, K., Gerhardt, C., Rubin, K. & Yeates, K.O. (February 2020). *Social outcomes relate to thickness of medial orbital cortex in pediatric traumatic brain injury*. Poster presented at the 48th Annual Meeting of the International Neuropsychological Society, Denver, CO.
59. Petersen, J., **Cobia, D.**, Dokucu, M., Donnelly, E., Gradishar, W., Paice, J., Rademaker, A., Reilly, J., Voss, J., Wagner, L., Weintraub, S., & Wang, L. (February 2020). *Altered resting-state functional connectivity in breast cancer patients undergoing hormone therapy: An exploration of whole brain resting networks*. Poster presented at the International Cognition & Cancer Task Force Conference, Denver, CO.
58. Bornheimer, L. A., Wojtalik, J. A., Li, J., **Cobia, D.**, & Smith, M.J. (January 2020). *The relationship between cognition and suicidal ideation among individuals with psychosis*. Oral presentation at the annual Society for Social Work and Research 2020 conference, Washington, DC.

57. Paxton, H., **Cobia, D.**, Sridhar, J., Coventry, C., Weintraub, S., Mesulam, M-M., & Rogalski, E. (July 2019). *Thalamic morphology in the aphasic variant of AD*. Oral presentation at the Alzheimer's Association International Conference 2019, Los Angeles, CA.
56. Herrold, A., Jordan, N., Parrish, T., **Cobia, D.**, Chambers, R.A., Sander, A., Kartje, G., Aaronson, A., Sesso-Osburn, F., & Pape, T. (May 2019). *Multi-modal neuroimaging characterization of co-occurring mild traumatic brain injury and alcohol use disorder*. Poster presented at the Society of Biological Psychiatry 74th Annual Scientific Meeting, Chicago, IL.
56. Curtis, L., Mullen, R., O'Connor, R., Benavente, J., Kwasny, M., Arvanitis, M., **Cobia, D.**, Federman, A., & Wolf, M. (May 2019). *Prevalence and detection of cognitive impairment in primary care*. Poster presented at the 2019 Society for General Internal Medicine Annual Meeting, Washington, D.C.
55. **Cobia, D.**, Gale, S., Lindsey, H., Hedges, D., Wyman, C., Smith, M.J., Csernansky, J.G., Wang, L. & Yolken, R.H. (April 2019). *Cytomegalovirus seropositivity is associated with regional cortical thinning in schizophrenia*. Poster presented at the 2019 Biennial Meeting of the Schizophrenia International Research Society, Orlando, FL.
54. **Cobia, D.**, Smith, M.J., Rich, C., Csernansky, J.G., & Wang, L. (February 2019). *Basal ganglia shape features differentiate schizoaffective disorder from schizophrenia*. Poster presented at the 47th Annual Meeting of the International Neuropsychological Society, New York City, NY.
53. Rogalski, E., Sridhar, J., Martersteck, A., Rader, B., **Cobia, D.**, Arora, A., Fought, A., Bigio, E., Weintraub, S., Mesulam, M-M., & Rademaker, A. (November 2018). *Quantifying decline at clinically-relevant time intervals in the Aphasic Variant of Alzheimer's disease*. Poster presented at the 11th International Conference on Frontotemporal Dementias, Sydney, AUS.
52. Christensen, A., **Cobia, D.**, Weintraub, S., & Wang, L. (July 2018). *Hippocampal subfield deformity patterns and memory function in non-semantic primary progressive aphasia and amnesic dementia of the Alzheimer type*. Poster presented at the Alzheimer's Association International Conference 2018, Chicago, IL.
51. **Cobia, D.**, Paxton, H., Smith, M.J., Csernansky, J.G., & Wang, L. (February 2018). *Subcortical features of dorsolateral prefrontal circuitry in neuropsychologically near-normal schizophrenia*. Poster presented at the 46th Annual Meeting of the International Neuropsychological Society, Washington, D.C.
50. Alden, E., **Cobia, D.**, Reilly, J., Wang, L., Alpert, K., Csernansky, J.G., & Smith, M.J. (February 2018). *Verbal working memory and hippocampal surface anatomy in high and low functioning schizophrenia*. Oral presentation at the 46th Annual Meeting of the International Neuropsychological Society, Washington, D.C.
49. Curtis, L., O'Connor, R., Benavente, J., Wolf, M., & **Cobia, D.** (November 2017). *Effect of cognitive decline over a 3-year period on a routine medication self-management task in a cohort of older adults*. Poster presented at the APHA 2017 Annual Meeting, Atlanta, GA.
48. Petersen, J., **Cobia, D.**, Wang, L., Csernansky, J.G., & Smith, M.J. (March 2017). *The relationship between changes in cortical thickness and cognitive empathy in individuals with schizophrenia*. Published abstract, Schizophrenia Bulletin 43(suppl_1):S193-S193.
47. **Cobia, D.**, Perry, C., Gale, S., Hedges, D., Smith, M.J., Wang, L., & Csernansky, J.G. (March 2017). *Toxoplasma gondii affects posterior association cortex and related functions in healthy, but not schizophrenia, individuals*. Poster presented at the 2017 Biennial Meeting of the International Congress on Schizophrenia Research, San Diego, CA.
46. **Cobia, D.**, Smith, M.J., Csernansky, J.G., & Wang, L. (February 2017). *Hippocampal shape features relate to limbic integrity and episodic memory function in neuropsychologically near-normal schizophrenia*. Poster presented at the 45th Annual Meeting of the International Neuropsychological Society, New Orleans, LA.

45. Rogalski, E., Sridhar, J., Rader, B., Mardersteck, A., Chen, K., **Cobia, D.**, Thompson, C., Weintraub, S., Bigio, E., & Mesulam, M-M. (September 2016). Clinical, anatomic and genetic features of the aphasic variant of Alzheimer's disease. Poster presented at the 10th International Conference on Frontotemporal Dementias, Hamburg, DE.
44. Edland, S., Sridhar, J., **Cobia, D.**, Mardersteck, A., Mesulam, M-M, & Rogalski, E. (July 2016). *Proof of concept demonstration of optimal composite MRI endpoints for clinical trials*. Poster presented at the Alzheimer's Association International Conference 2016, Boston, MA.
43. Stratton, J., **Cobia, D.**, Reilly, J., & Hanlon, R. (June 2016). *Differences in neuropsychological functioning between homicidal and nonviolent schizophrenia samples*. Poster presented at the 2016 American Academy of Clinical Neuropsychology Annual Meeting, Chicago, IL.
42. Curtis, L.M., O'Connor, R., Mullen, R., **Cobia, D.**, Revelle, W., & Wolf, M.S. (May 2016). *Cognitive decline over a three year period and its associations with health literacy and self-management skills among community dwelling older adults*. Poster presented at the 2016 Society of General Internal Medicine Annual Meeting, Hollywood, FL.
41. Satyshur, M.D., Gowins, J., **Cobia, D.**, Gollan J.K. (May 2016). *Rumination profiles of women diagnosed with major depressive disorder*. Poster presented at Association for Psychological Science 28th Annual Convention, Chicago, IL.
40. Alden, E., **Cobia, D.**, Reilly, J., & Smith, M.J. (April 2016). *Subcortical shape differences in regions supporting working memory in high vs. low functioning schizophrenia*. Poster presented at the 5th Biennial Schizophrenia International Research Society Conference, Florence, Italy.
39. Freeman, J., Revill, K., Haut, M., Kowalski, G., Wischnewski, M., Belagaje, S., Nahab, F., **Cobia, D.**, Hu, X., Hobbs, G., & Buetefisch, C. (October 2015). *Neuronal substrate supporting hand function in chronic stroke patients with incomplete motor recovery*. Poster presented at the 45th Annual Meeting of the Society for Neuroscience, Chicago, IL.
38. **Cobia, D.**, Mardersteck, A., Smith, M.J., Csernansky, J.G., & Wang, L. (March 2015). *Posterior association cortex is related to working memory and negative symptom deficits in schizophrenia*. Poster presented at the 2015 Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs, CO.
37. Alden, E., **Cobia, D.**, Reilly, J., & Smith, M.J. (March 2015). *Understanding neurocognitive differences between schizophrenia subjects with high and low community functioning*. Poster presented at the 2015 Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs, CO.
36. Smith, M.J., **Cobia, D.**, Reilly, J., Gilman, J., Roberts, A., Alpert, K., Wang, L., Breiter, H., & Csernansky, J.G. (March 2015). *Cannabis-related episodic memory deficits and hippocampal morphological differences in healthy individuals and schizophrenia subjects*. Poster presented at the 2015 Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs, CO.
35. Haut, M., **Cobia, D.**, Wischneswski, M., Kowalski, G., Hu, X., & Buetefisch, C. (February 2015). *Primary motor cortex thickness correlates with the ability for motor learning*. Poster presented at the 43rd Annual Meeting of the International Neuropsychological Society, Denver, CO.
34. **Cobia, D.**, Makris, N., Lee, M., Kim, B., Lee, S., Wang, L., Blood, A. & Breiter, H. (May 2014). *Genetics-based brain mapping of a family with benign hereditary chorea and substance abuse*. Poster presented at the Society of Biological Psychiatry 69th Annual Scientific Meeting, New York City, NY.
33. Dokucu, M., **Cobia, D.**, Karnik-Henry, M., Dong, H., Goate, A., Csernansky, J.G., & Wang, L. (May 2014). *Glycogen Synthase Kinase 3-Beta and reduced gray matter volume in schizophrenia*. Poster presented at the Society of Biological Psychiatry 69th Annual Scientific Meeting, New York City, NY.

32. Connolly, M., Wang, X., Rosebrock, L., **Cobia, D.**, Hoxha, D., & Gollan, J. (March 2014). *Reduced striatal activation in major depression during the processing of emotional stimuli*. Poster presented at the Anxiety and Depression Conference 2014. Chicago, IL.
31. Butts, A., **Cobia, D.**, Wiener, J., Smith, A., Chong, J., Brefczynski-Lewis, J., Hou, B., & Haut, M. (February 2014). *Cortical thickness changes following brief attention training*. Poster presented at the 42nd Annual Meeting of the International Neuropsychological Society. Seattle, WA.
30. Christensen, A., Alpert, K., Rogalski, E., **Cobia, D.**, Weintraub, S., Mesulam, M-M., & Wang, L. (July 2013). *Hippocampal deformity in non-semantic primary progressive aphasia*. Poster presented at the Alzheimer's Association International Conference 2013, Boston, MA.
29. **Cobia, D.**, Smith, M.J., Gado, M., Ng, C., Wang, L., & Csernansky, J.G. (April 2013). *Progressive thalamocortical network pathology in schizophrenia*. Poster presented at the 2013 Biennial Meeting of the International Congress on Schizophrenia Research, Orlando, FL.
28. Blizinsky, K., Alpert, K., **Cobia, D.**, Csernansky, J.G., & Wang, L. (April 2013). *Subtyping schizophrenia through patterns of cortical thinning*. Symposium presentation at the 2013 Biennial Meeting of the International Congress on Schizophrenia Research, Orlando, FL.
27. Karpouzian, T., Horan, W., Fox, J., **Cobia, D.**, Breiter, H. & Smith, M.J. (April 2013). *Empathy mediates the influence of working memory on functional outcome in schizophrenia*. Poster presented at the 2013 Biennial Meeting of the International Congress on Schizophrenia Research, Orlando, FL.
26. Wang, L., Stern, D., **Cobia, D.**, Reilly, J., Csernansky, J.G., & Breiter, H. (June 2012). *Subtyping schizophrenia subjects using working memory and approach motivation neuroimaging markers*. Poster presented at the 18th Annual Meeting of the Organization for Human Brain Mapping, Beijing, CN.
25. **Cobia, D.**, Schroeder, M., Blizinsky, K., Csernansky, J.G., & Wang, L. (February 2012). *Multimodal imaging reveals compensatory neural mechanisms in the maintenance of neuropsychological performance in schizophrenia*. Poster presented at the 40th Annual Meeting of the International Neuropsychological Society, Montreal, CA.
24. **Cobia, D.**, Schroeder, M., Blizinsky, K., Csernansky, J.G., & Wang, L. (December 2011). *Maintenance of cognitive performance through neural compensation in schizophrenia*. Poster presented at the 50th Annual Meeting for the American College of Neuropsychopharmacology, Waikoloa, HI.
23. **Cobia, D.**, Smith, M.J., Wang, L., & Csernansky, J.G. (June 2011). *Progressive degeneration of thalamocortical circuitry in schizophrenia*. Poster presented at the 17th Annual Meeting of the Organization for Human Brain Mapping, Quebec City, CA.
22. **Cobia, D.**, Csernansky, J.G., & Wang, L. (April 2011). *Pattern classification using principal components analysis of cortical thickness in neuropsychologically defined schizophrenia subtypes*. Poster presented at the 2011 Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs, CO.
21. **Cobia, D.**, Csernansky, J.G., & Wang, L. (February 2011). *Thalamic abnormalities in neuropsychologically defined schizophrenia subtypes*. Poster presented at the 39th Annual Meeting of the International Neuropsychological Society, Boston, MA.
20. **Cobia, D.**, Reiter, K., Csernansky, J.G., & Wang, L. (November 2010). *Longitudinal progression of frontal and temporal lobe changes in schizophrenia*. Poster presented at the 40th Annual Meeting of the Society for Neuroscience, San Diego, CA.

19. **Cobia, D.**, Rogalski, E., Ming, J., Wang, L., & Mesulam, M-M. (October 2010). *Cortical estimates of the perisylvian and temporal language network in subtypes of primary progressive aphasia*. Poster presented at the 7th International Conference on Frontotemporal Dementias, Indianapolis, IN.
18. Rogalski, E., **Cobia, D.**, Wieneke, C., Weintraub, S., & Mesulam, M-M. (October 2010). *Clinicoanatomic trajectories of cortical thinning in primary progressive aphasia*. Poster presented at the 7th International Conference on Frontotemporal Dementias, Indianapolis, IN.
17. Weintraub, S., Rogalski, E., **Cobia, D.**, Thompson, C., & Mesulam, M-M. (October 2010). *Agrammatism in primary progressive aphasia*. Symposium presentation at the 7th International Conference on Frontotemporal Dementias, Indianapolis, IN.
16. **Cobia, D.**, Csernansky, J.G., & Wang, L. (June 2010). *Cortical thinning patterns in neuropsychologically defined schizophrenia subtypes*. Poster presented at the 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, ES.
15. **Cobia, D.**, Rogalski, E., Gado, M., Wang, L., & Mesulam, M-M. (June 2010). *Semiautomated methods for quantifying the perisylvian and temporal language network in primary progressive aphasia*. Poster presented at the 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, ES.
14. Rogalski, E., **Cobia, D.**, Weintraub, S., & Mesulam, M-M. (June 2010). *Clinicoanatomical correlations of grammar and comprehension in primary progressive aphasia*. Poster presented at the 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, ES.
13. Dickerson, B., Sapolsky, D., Negreira, A., Brickhouse, M., Rogalski, E., **Cobia, D.**, Weintraub, S., Mesulam, M-M. (April 2010). *Reliable detection of specific spatial patterns of cortical thinning in subtypes of primary progressive aphasia: A quantitative MRI-based imaging biomarker*. Poster presented at the 2010 American Academy of Neurology Annual Meeting, Toronto, CA.
12. **Cobia, D.**, Reiter, K., Schroeder, M., Alpert, K., Csernansky, J.G., & Wang, L. (October 2009). *Longitudinal progression of cortical thickness changes in schizophrenia*. Poster presented at the 39th Annual Meeting of the Society for Neuroscience, Chicago, IL.
11. Rogalski, E., **Cobia, D.**, Wieneke, C., Weintraub, S., & Mesulam, M. (October 2009). *Patterns of cortical thinning in three subtypes of primary progressive aphasia*. Poster presented at the 39th Annual Meeting of the Society for Neuroscience, Chicago, IL.
10. Trittschuh, E., Rogalski, E., Monti, J., **Cobia, D.**, Wieneke, C., Thompson, C., Weintraub, S., & Mesulam, M-M. (June 2009). *Anatomy of anomia in primary progressive aphasia*. Poster presented at the 15th Annual Meeting of the Organization for Human Brain Mapping, San Francisco, CA.
9. **Cobia, D.**, Rogalski, E., Wieneke, C., Rademaker, A., Thompson, C., Weintraub, S., & Mesulam, M-M. (May 2009). *Anterior temporal lobe thinning in the semantic variant of primary progressive aphasia*. Poster presented at the 15th Annual CNADC Alzheimer Day at the Northwestern University Feinberg School of Medicine, Chicago, IL.
8. Cronenwett, W., **Cobia, D.**, & Csernansky, J.G. (April 2009). *Anatomical correlates of thought disorder in schizophrenia: A FreeSurfer study*. Poster presented at the 2009 Biennial Meeting of the International Congress on Schizophrenia Research, San Diego, CA.
7. **Cobia, D.**, Csernansky, J.G., & Wang, L. (April 2009). *Principal components analysis of cortical thickness and relationship to clinical symptoms in schizophrenia*. Poster presented at the 2009 Biennial Meeting of the International Congress on Schizophrenia Research, San Diego, CA.

6. **Cobia, D.**, Gfeller, J., LaVoie, D., & Csernansky, J.G. (February 2009). *Relationships between cortical thickness and verbal working memory in schizophrenia*. Poster presented at the 37th Annual Meeting of the International Neuropsychological Society, Atlanta, GA.
5. Karnik, M., Dokucu, M., **Cobia, D.**, Wang, L., Harms, M., & Csernansky, J.G. (November 2007). *Genetic variation in expression of glycogen synthase 3-beta influences cerebral gray matter volume in schizophrenia*. Poster presented at the 37th Annual Meeting of the Society for Neuroscience, San Diego, CA.
4. **Cobia, D.**, Wright, J., & Gfeller, J. (February 2007). *Investigating the Extended Complex Figure Test and motor independent version in individuals with traumatic brain injury*. Poster presented at the 35th Annual Meeting of the International Neuropsychological Society, Portland, OR.
3. **Cobia, D.**, & LaVoie, D. (February 2005). *Descriptive profiles of individuals with mild cognitive impairment using the Wechsler Memory Scale – Third Edition*. Poster presented at the 33rd Annual Meeting of the International Neuropsychological Society, St. Louis, MO.
2. Mandernach, T., Gfeller, J., & **Cobia, D.** (November 2004). *Normative data for motor tests in 15 to 18 year old adolescents*. Poster presented at the 24th Annual Conference of the National Academy of Neuropsychology, Seattle, WA.
1. Whipple, J., Lambert, M., Vermeerch, D., Smart, D., Nielson S., Hawkins, E., Slade, K., **Cobia, D.** (April 2002). *Improving the effects of psychotherapy: The use of early identification of treatment failure and problem solving strategies in outcome*. Poster presented at the 72nd annual meeting of the Rocky Mountain Psychological Association, Park City, UT.