BENJAMIN D. HILL, Ph.D.

Curriculum Vita

75 S. University Boulevard
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Department of Psychology
University of South Alabama
Mobile, AL 36688-0002
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EMPLOYMENT AND APPOINTMENTS

2019-present **Full Professor**
Full Member of Graduate School Faculty
Department of Psychology
College of Arts and Sciences
University of South Alabama
Mobile, Alabama

2016-2019 **Associate Professor**
Department of Psychology
College of Arts and Sciences
University of South Alabama
Mobile, Alabama

2010-present **Core Faculty**
Combined Clinical-Counseling PhD program (APA-Accredited)
Department of Psychology and Department of Professional Studies
College of Arts and Sciences and College of Education
University of South Alabama
Mobile, Alabama

2015-present **Assistant Professor (Joint Appointment)**
Department of Neurosurgery
College of Medicine
University of South Alabama
Mobile, Alabama

2015-present **Assessment Coordinator**
University of South Alabama Psychological Clinic
Mobile, Alabama

2015-present **Generations Faculty Fellow**
Center for Generational Studies
University of South Alabama
Mobile, Alabama

2010-2016 **Assistant Professor**
Department of Psychology
College of Arts and Sciences
University of South Alabama
Mobile, Alabama

ACADEMIC TRAINING

2008-2010 **Clinical Neuropsychology Post-Doctoral Fellowship**
Department of Psychiatry and Human Behavior
Rhode Island Hospital/Neuropsychology Program
The Warren Alpert Medical School of Brown University
Providence, Rhode Island
(APA-Accredited Post-Doctoral Training Program)
Supervisors: Geoffrey Tremont, Ph.D., ABPP-CN, Jennifer Davis, Ph.D., ABPP-CN, and Holly Westervelt, Ph.D., ABPP-CN

2007-2008 **Clinical Psychology Residency**
Department of Psychiatry and Human Behavior
University of Mississippi Medical Center/G.V. "Sonny" Montgomery VAMC
Jackson, Mississippi
(APA-Accredited Clinical Psychology Internship Program)
Research Mentor: Judith R. O'Jile, Ph.D.

2003-2008 **Doctor of Philosophy, Clinical Psychology, August 2008**
Medical Psychology/Neuropsychology Track
Louisiana State University
Baton Rouge, Louisiana
(APA-Accredited Clinical Psychology Ph.D. Program)
Dissertation: *The Construct Validity of the Clinical Assessment of Working Memory Ability*
Advisor: Wm. Drew Gouvier, Ph.D.

2001-2003 **Master of Arts, General/Experimental Psychology, May 2003**
Wake Forest University
Winston-Salem, North Carolina
Thesis: *Differential Prepulse Inhibition Using P and NP Channel Tactile Prepulses and Vibrotactile Prepulse Inhibition Reliability*
Advisor: Terry D. Blumenthal, Ph.D.

1997-1999 **Bachelor of Science, Psychology, December 1999**
Coastal Carolina University
Conway, South Carolina

PROFESSIONAL AFFILIATIONS

Heterodox Academy
International Neuropsychological Society
National Academy of Neuropsychology
Society for Personality Assessment
Society for Police and Criminal Psychology

PROFESSIONAL LICENSES

Licensed Psychologist, Alabama #1676 (current)

HONORS AND AWARDS

2023 Davis Award for Best Psychometrics-Related Research Talk, Society for Police and Criminal Psychology
2018 Fellow, National Academy of Neuropsychology
2017 Early Career Award, National Academy of Neuropsychology
2016 Early Career Service Award, National Academy of Neuropsychology
2013 University Committee on Undergraduate Research (UCUR), Faculty Mentor Best UCUR Paper
2011 University of South Alabama, College of Arts and Sciences, Summer Professional Development Award
2008 University of Mississippi Medical Center, Department of Neuroscience, Neuroscience Conference Attendance Team (NCAT) Travel Award
2006 APA Advanced Training Institute in fMRI Scholarship Award
2005-2006 Louisiana State University, Economic Development Grant Assistantship
Magna Cum Laude, Coastal Carolina University
Psi Chi
1995 National Merit Scholar Finalist
1993 South Carolina Governor's School for the Arts and Humanities Summer Honors Program

RESEARCH INTERESTS

Fluid Cognition and Intelligence
Cognitive Disorders
Concussion/mTBI and TBI
Intra-Individual Variability
Meta-Analysis
Personality and Cognition
Positive Neuropsychology and Motivation

PEER-REVIEWED ARTICLES

1. Campbell, I., Hernandez, K., Ikonomou, V., Aita, S.L., Wagaman, B., Pizer, J.H., Hawley, N., Billings, R., Borgogna, N.C., Del Bene, V., & Hill, B.D. (revise and resubmit). From concussions to conclusions: Enhancing Chronic Traumatic Encephalopathy research practices. *The Clinical Neuropsychologist (CTE special issue).*

2. Aita, S.L., Montgomery, E., Caron, J.E., Pagano, L.A., Broggi, M., Ingram, P.B., Erickson, S.C., Borgogna, N.C., Moncrief, G.G., Roth, R.M., Calamia, M. Armistead-Jehle, P., & Hill, B.D. (under review). Multivariate base rates of standard- and skyline-cutoff elevations on the Personality Assessment Inventory: Do they distinguish simulated from genuine PTSD? *Assessment.*

3. Pizer, J. H., Hernandez, K. A., Aita, S. L., Ikonomou, V. C., Myers, M. A., Hawley, N. A., Brasil, K. M., Borgogna, N. C., Spiegel, J., Smitherman, T.A., & Hill, B. D. (revise and resubmit). Neuropsychological function in primary headache disorders: A meta-analysis. *Pediatrics.*

4. Borgogna, N.C., Owen, T., Johnson, D., Vaughn, J., Petrovich, D., Pagano, L.A.., Aita, S.L., & Hill, B.D. (revise and resubmit). Not so silly with that psilocybin: Side effect, action mechanism, and incremental efficacy systematic review and meta-analysis of psilocybin for depression RCTs. *Psychopharmacology.*

5. Batman, G.B., Cooper, C., Traylor, M.K., Ransom, K, Hill, E.C., Hill, B.D., & Keller, J. (in press). Various modalities of resistance exercise promote similar acute cognitive improvements and hemodynamic increases in young, healthy adults. *Cerebral Circulation: Cognition and Behavior*.

6. Aita, S.L, Del Bene, V.A., Knapp, D.L., Demming, C.E., Ikonomou, V.C., Owen, T., Campbell, I.A., Wagaman, B.N., Borgogna, N.C., Caron, J.E., Roth, R.M., & Hill, B.D. (revise and resubmit). Cognitive intra-individual variability in cognitively healthy APOE ε4 carriers, Mild Cognitive Impairment, and Alzheimer's disease: A Meta-Analysis. *Neuropsychology Review*.

7. Knapp, S.A.B., Austin, D. S., Aita, S.L., Caron, J.E., Owen, T., Borgogna, N.C., Del Bene, V.A., Roth, R.M., Milberg, W.P., & Hill, B. D. (in press). Neurocognitive and psychiatric outcomes associated with post-acute COVID-19 infection without severe medical complication: A meta-analysis. *Journal of Neurology, Neurosurgery, and Psychiatry*.

8. Borgogna, N., Owen, T., Vaughn, J., Johnson, D., Aita, S., & Hill, B.D. (2024) So how special is special K? A systematic review and meta-analysis of ketamine for PTSD RCTs. *European Journal of Psychotraumatology, 15:1*, DOI: 10.1080/20008066.2023.2299124.

9. Ransom, K., Traylor, M., Batman, G., Mulekar, M., Hill, B., Nelson, A., & Keller, J. (2024). Arterial stiffness mediates the relationship between age and cognition at low levels of microvascular function in humans across the adult lifespan. *American Journal of Physiology-Heart and Circulatory Physiology, 326(2),* 346-356.

10. Pizer, J. H., Aita, S. L., Myers, M. A., Hawley, N. A., Ikonomou, V. C., Brasil, K. M., Hernandez, K. A., Pettway, E. C., Owen, T, Borgogna, N. C., Smitherman, T.A., & Hill, B. D. (2024). Neuropsychological function in migraine headaches: An expanded comprehensive multi-domain meta-analysis. *Neurology, 102(4),* e208109. doi: 10.1212/WNL.0000000000208109. Epub 2024 Jan 22. PMID: 38252898.

11. Buechner, B.M., Traylor, M.K., Feldman, R.I., Overstreet, K.F., Hill, B.D., & Keller, J.L. (2023). Examining relationships between cognitive flexibility, exercise perceptions, and cardiovascular disease risk factors. *European Journal of Investigation in Health, Psychology and Education,* 13(10), 2276-2289. https://doi.org/10.3390/ejihpe13100161

12. Bredesen, D.E., Toups, K., Hathaway, A., Gordon, D., Chung, H., Raji, C., Boyd, A., Hill, B.D., Hausman-Cohen, S., Attarha, M., Chwa, W.J., Kurakin, A., & Jarrett, M. (2023). Precision Medicine Approach to Alzheimer's Disease: Rationale and Implications. *Journal of Alzheimer's Disease,* 96(2), 429-437. DOI: 10.3233/JAD-230467

13. Chwa, W.J., Raji, C.A., Toups, K., Hathaway, A., Gordon, D., Chung, H., Boyd, A., Hill, B.D., Cohen-Hausman, S., Attarha, M., Jarret, M., Bredesen, D.E. (2023). Longitudinal White and Gray Matter Response to Precision Medicine-Guided Intervention for Alzheimer's Disease. *Journal of Alzheimer's Disease.* 96(3), 1051-1058. DOI: 10.3233/JAD-230481

14. Aita, S.L, Schuler, K.R., Isaak, S.L., Borgogna, N.C., Moncrief, G., Hollis, S.D., & Hill, B.D. (2023). Posttraumatic Stress Disorder complicated by Traumatic Brain Injury: A narrative review. *SN Comprehensive Clinical Medicine*, 92(5), 1-14. https://doi.org/10.1007/s42399-023-01431-1

15. Lanou, A., Mast, A., Hill, B.D., Kim, S., & Hanaway, P. (2023). A novel dietary supplement Braini® supports cognitive function in healthy adults. *Journal of Integrative and Complementary Medicine,* 29(5), 303-312.

16. Borgogna, N., Aita, S., Musso, M., & Hill, B.D. (2023). Identification of a pre-employment psychological evaluation marker for predicting police candidates who receive racial and excessive force complaints: The MMPI-2 F42K60. *Journal of Psychopathology and Behavioral Assessment,* 45, 509–518. https://doi.org/10.1007/s10862-022-10003-x

17. Traylor, M.K., Bauman, A.J., Saiyasit, N., Frizell, C.A., Hill, B.D., Nelson, A.R., & Keller, J.L. (2022). An examination of the relationship among plasma brain derived neurotropic factor, peripheral vascular function, and body composition with cognition in midlife African Americans/Black individuals. *Frontiers in Aging Neuroscience, 14*, 980561. doi: 10.3389/fnagi.2022.980561

18. Toups, K., Hathaway, A., Gordon, D., Chung, H., Raji, C., Boyd, A., Hill, B.D., Hausman-Cohen, S., Attarha, M., Jarrett, M., & Bredesen, D.E. (2022). Precision medicine approach to Alzheimer's Disease: Successful proof-of-concept trial. *Journal of Alzheimer's Disease, 88(4),* 1411-1421.

19. Saiyasit, N., Butlig, E., Chaney, S., Traylor, M.K., Hawley, N., Randall, R., Bobinger, H., Frizell, C., Trimm, F., Crook, E., Lin, M., Hill, B.D., Keller, J., & Nelson, A.R. (2022). Neurovascular dysfunction in diverse communities with health disparities – Contributions to dementia and Alzheimer's disease. *Frontiers in Neuroscience, 16,* 915405.

20. Aita, S. L., Del Bene, V. A., Marotta, D. A., Pizer, J. H., Hawley, N. A., Niccolai, L., Walker, H. C., Gerstenecker, A., Martin, R. C., Clay, O. J., Crowe, M., Triebel, K. L., & Hill, B. D. (2022). Neuropsychological functioning in primary dystonia: An updated and expanded multi-domain meta-analysis. *Movement Disorders, 37(7),* 1483-1494. http://doi.org/10.1002/mds.29022

21. Weitzner, D., Calamia, M., Hill, B.D., & Elliott, E. (2022). Examining an alternative scoring procedure for a clinical working memory measure. *Assessment, 29(8),* 1756-1764. DOI: 10.1177/10731911211032270

22. Roye, S., Calamia, M., Castagna, P.J., Aita, S.L., & Hill, B.D. (2022). Normative and maladaptive personality traits and self-reported executive functioning. *Assessment, 29(3),* 499-507. DOI: 10.1177/1073191120981762

23. Aita, S. L., Borgogna, N. C., Aita, L. J., Ogden, M., & Hill, B.D. (2020). Comparison of clinical psychologist and physician beliefs and practices concerning malingering: Results from a mixed methods study. *Psychological Injury and Law, 13,* 246-260. https://doi.org/10.1007/s12207-020-09374-x

24. Roye, S., Calamia, M., Bernstein, J.P.K., De Vito, A.N., & Hill, B.D. (2019). A multi-study examination of performance validity in undergraduate research participants. *The Clinical Neuropsychologist, 33(6),* 1138-1155. DOI: 10.1080/13854046.2018.1520303

25. Shelley-Tremblay, J.F., Eyer, J.C., & Hill, B.D. (2019). A laboratory Word Memory Test analogue differentiates intentional feigning from true responding using the P300 event-related potential. *Brain Sciences, 9(5),* 109.

26. Davis, J., Hill, B.D., Pillemer, S., Taylor, J., & Tremont, G., (2019). Guilt after Placement Questionnaire: A new instrument to assess caregiver emotional functioning following nursing home placement. *Aging and Mental Health, 23(3),* 352-356. DOI: 10.1080/13607863.2017.1423029

27. Aita, S., Beach, J., Borgogna, N., Taylor, S., Harrell, M., & Hill, B.D. (2018). Executive, language, or both? An examination of the construct validity of verbal fluency measures. *Applied Neuropsychology: Adult.* DOI: 10.1080/23279095.2018.1439830

28. Aita, S., Hill, B.D., & Gouvier, W.D. (2018). Can we identify bad cops based on history? Base rates of historical markers in law enforcement pre-employment evaluations. *Journal of Criminal and Police Psychology, 33,* 201-208.

29. Calamia, M., Hill, B.D., Musso, M.W., Pella, R.D., & Gouvier, W.D. (2018). Factor structure and clinical correlates of the 61-Item Wender Utah Rating Scale (WURS). *ADHD Attention Deficit Hyperactivity Disorders, 10,* 177-188.

30. Santa Maria, M.P., Hill, B.D., & Kline, J. (2018). Lead (Pb) neurotoxicology and cognition. *Applied Neuropsychology: Child.* 8(3), 272-293. DOI: 10.1080/21622965.2018.1428803

31. Hill, B.D., & Aita, S. (2018). The positive side of effort: A review of the impact of motivation and engagement on neuropsychological performance. *Applied Neuropsychology: Adult, 25(4),* 312-317.

32. Aita, S., Sofko, C., Hill, B.D., Musso, M.W., & Boettcher, A.C. (2018). Utility of the Personality Assessment Inventory in detecting feigned Attention-Deficit/ Hyperactivity Disorder (ADHD): The Feigned Adult ADHD index. *Archives of Clinical Neuropsychology, 33(7),* 832-844. https://doi.org/10.1093/arclin/acx113

33. Davis, T.D., Hill, B.D., Evans, K., Tiffin, S., Stanley, N., Fields, K., Russ, K., & Gordon-Hickey, S. (2017). P300 event-related potentials differentiate better performing individuals with traumatic brain injury: A preliminary study of semantic processing. *Journal of Head Trauma Rehabilitation, 32(4),* 27-36.

34. Musso, M., Hill, B.D., Barker, A., Pella, R., & Gouvier, W.D. (2016). Utility of the Personality Assessment Inventory for detecting malingered ADHD in college students. *Journal of Attention Disorders, 20(9),* 763-774.

35. Sofko, C., Currier, J. M., Hill, B. D., & Drescher, K. D. (2016). History of loss of consciousness with mild traumatic brain injury affects PTSD symptom presentation in treatment-seeking Iraq/Afghanistan veterans. *Brain Injury, 30(13-14),* 1561-1569.

36. Min, H., Hill, B. D., Alvarez, D. F., Johnson, L., & O'Bryant, S. E. (2016). Household income as an index of SES on neurocognitive disorders: A Project FRONTIER study. *SES Indicator,* 9(2). Retrieved from http://www.apa.org/pi/ses/resources/indicator/2016/07/household-income-neurocognitive.aspx.

37. Hill, B.D., Foster, J., Sofko, C., Elliott, E.M., & Shelton, J.T. (2016). The interaction of ability and motivation: Average working memory is required for Need for Cognition to positively benefit intelligence and the effect increases with ability. *Personality and Individual Differences, 98,* 225-228.

38. Thaler, N., Hill, B.D., Duff, K., Scott, J., & Mold, J. (2015). RBANS intra-individual variability in healthy older adults: Associations with poorer cognitive and health outcomes and earlier mortality. *Journal of Clinical and Experimental Neuropsychology, 37(6),* 622-629.

39. Hill, B.D., Womble, M.N., & Rohling, M.L. (2015). Logistic regression function for detection of suspicious performance during baseline evaluations using Concussion Vital Signs. *Applied Neuropsychology: Adult, 22(3),* 233-240.

40. Hill, B.D., Hoadley, R., Russ, K.F., Corley, E., & Pastuszak, J.P. (2014). A review of executive functioning in common neurologic conditions. *Cognitive Sciences, 9(1),* 1-48.

41. Hill, B. D., Rohling, M. L., Boettcher, A. C., & Meyers, J. E. (2013). Cognitive intra-individual variability has a positive association with traumatic brain injury severity and suboptimal effort. *Archives of Clinical Neuropsychology, 28(7),* 640-648.

42. Hill, B.D., Musso, M., Jones, G. N., Pella, R.D., & Gouvier, W.D. (2013). A psychometric evaluation of the STAI-Y, BDI-II, and PAI using single and multifactorial models in young adults seeking psychoeducational evaluation. *Journal of Psychoeducational Assessment, 31(3),* 300-312.

43. Hill, B.D., Ploetz, D., Rohling, M.L., O'Jile, J.R., Bodzy, M. & Holler, K.A. (2013). Self-reported depressive symptoms have minimal effect on executive functioning performance in children and adolescents. *Journal of Child and Family Studies, 22,* 398-404.

44. Hill, B.D., Foster, J., Elliott, E.M., Shelton, J.T., McCain, J., & Gouvier, W.D. (2013). Need for Cognition is related to higher general intelligence, fluid intelligence, and crystallized intelligence, but not working memory. *Journal of Research in Personality, 47(1),* 22-25.

45. Hill, B.D., Alosco, M., Bauer, L., & Tremont, G. (2012). The relation of executive functioning to CVLT-II learning, memory, and process indexes. *Applied Neuropsychology, 19(3),* 198-206.

46. Pella, R.D., Hill, B.D., Shelton, J.T., Elliott, E., & Gouvier, W.D. (2012). Evaluation of embedded malingering indexes in a non-litigating clinical sample using control, clinical, and derived groups. *Archives of Clinical Neuropsychology, 27(1),* 45-57.

47. Minor, K.S., Jones, G.N., Stewart, D.W., Hill, B.D., & Kulesza, M. (2010). Comparing two measures of psychomotor performance in patients with HIV. *Journal of Acquired Immune Deficiency Syndromes, 55(2),* 225-227.

48. Singh, A.N., Matson, J.L., Hill, B.D., Pella, R.D., Cooper, C.L., & Adkins, A.D. (2010). The use of clozapine among individuals with intellectual disability: A review. *Research in Developmental Disabilities, 31,* 1135-1141.

49. Hill, B.D., Elliott, E.M., Shelton, J.T., Pella, R.D., O'Jile, J.R., & Gouvier, W.D. (2010). Can we improve the clinical assessment of working memory? Comparison of the WAIS-III to a working memory criterion construct. *Journal of Clinical and Experimental Neuropsychology, 32(3),* 315-323.

50. Shelton, J.T., Elliott, E., Matthews, R., Hill, B.D., & Gouvier, W.D. (2010). The relationships of working memory, secondary memory, and general fluid intelligence: Working memory is special. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 36(3),* 813-820.

51. Hill, B.D., Barkemeyer, C., Jones, G.N., Santa Maria, M., Minor, K., & Browndyke, J. (2010). Validation of the Coin Rotation Test: A simple, inexpensive, and convenient screening tool for impaired psychomotor processing speed. *The Neurologist, 16(4),* 249-253.

52. Brennan, A.M., Rostow, C.D., Davis, R.D., & Hill, B.D. (2009). An investigation of biographical information as a predictor of employment termination among law enforcement officers. *Journal of Police and Criminal Psychology, 24(2),* 108-112.

53. Singh, A.N., Matson, J.L., Mouttapa, M., Pella, R.D., Hill, B.D., & Thorson, R. (2009). A critical item analysis of the QABF: Development of a short form assessment instrument. *Research in Developmental Disabilities, 30(4),* 782-792.

54. Shelton, J.T., Elliott, E.M., Hill, B.D., Calamia, M.R., & Gouvier, W.D. (2009). A comparison of laboratory and clinical working memory tests and their prediction of fluid intelligence. *Intelligence, 37(3),* 283-293.

55. Hill, B.D., Pella, R.D., Singh, A.N., Jones, G. & Gouvier, W.D. (2009). The Wender Utah Rating Scale: ADHD diagnostic tool or personality index? *Journal of Attention Disorders, 13(1),* 87-94.

56. Proto, D., Pella, R.D., Hill, B.D., & Gouvier, W.D. (2009). Assessment and rehabilitation of acquired visuospatial and proprioceptive deficits associated with visuospatial neglect. *NeuroRehabilitation, 24(2),* 145-157.

57. Brennan, A.M., Meyer, S., David, E., Pella, R., Hill, B.D., & Gouvier, W.D. (2009). The vulnerability to coaching across measures of malingering. *The Clinical Neuropsychologist, 23(2),* 314-328.

58. Hill, B.D., Smitherman, T.A., Pella, R.D., O'Jile, J.R., & Gouvier, W.D. (2008). The relation of depression and anxiety to measures of attention in young adults seeking psychoeducational evaluation. *Archives of Clinical Neuropsychology, 23 (7-8),* 823-830.

59. Advokat, C., Hill, B.D., & Comaty, J.E. (2008). 'Real world' comparison of first- and second-generation antipsychotics in regard to length of inpatient hospitalization and number of re-hospitalizations. *Psychiatric Quarterly, 79(1),* 55-64.

60. Advokat, C., Martino, L., Hill, B.D., & Gouvier, W.D. (2007). CPT of college students with ADHD, psychiatric disorder, cognitive deficits or no diagnosis. *Journal of Attention Disorders, 10(3),* 253-256.

61. Russell, E.W., Russell, S.L.K., & Hill, B.D. (2005). The fundamental psychometric status of neuropsychological batteries. *Archives of Clinical Neuropsychology, 20(6),* 785-794.

62. Hill, B.D. & Blumenthal, T.D. (2005). Inhibition of acoustic startle using different mechanoreceptive channels. *Perception and Psychophysics, 67(4),* 741-747.

BOOK CHAPTERS, BOOK REVIEWS, AND ENCYCLOPEDIA ENTRIES

Hill, B. D., Myers, M., Epker, J. (in press). Acute and Chronic Pain. *Medical Neuropsychology: A Systems-Based Approach* (pp. 46). New York, NY: Guilford Press.

Aita, S., & Hill, B.D. (2022). Effort is more than suboptimal: Positive aspects of motivation and engagement in neuropsychological assessment. In J.J. Randolph (Ed.), *Positive Neuropsychology: Evidence-based Perspectives on Promoting Cognitive Health*. New York, NY, US: Springer.

Hill, B. D., Taylor, S. E., & Beach, J. D. (2019). Attention in sport. In M. H. Anshel, T. A. Petrie, & J. A. Steinfeldt (Eds.), *APA Handbooks in Psychology Series. APA Handbook of Sport and Exercise Psychology, Vol. 1. Sport psychology* (pp. 259-271). Washington, DC, US: American Psychological Association. http://dx.doi.org/10.1037/0000123-014

Hill, B.D., Sofko, C., & Boettcher, A. (2016). Cognitive remediation in mental health. In *Handbook of Recovery in Inpatient Psychiatry*, N. Singh, S. Van Sant, and J. Barber (Eds.). New York, NY: Springer.

Hill, B.D., O'Rourke, J.J.F., Belinger, L., & Paulsen, J.S. (2016). Neuropsychology. In *Bradley's Neurology in Clinical Practice, 7th edition,* R. Daroff, G. Fenichel, J. Jankovic, and J. Mazziotta (Eds.). New York, NY: Elsevier.

Hill, B. D., Sofko, C., Billington, L., & Kirkpatrick, H. (2015). Management of disruptive behaviors in neurocognitive disorders and delirium. In *Disruptive Disorders: A Guide for Integrating Pharmacotherapy and Psychotherapy,* G. Kapalka (Ed.). New York, NY: Routledge.

Hill, B. D., & Westervelt, H. K. (2015). Clinical neuropsychology. In *The Encyclopedia of Clinical Psychology,* R. Cautin and S. Lilienfield (Eds.). Hoboken, NJ: Wiley-Blackwell.

Hoadley, R., Corley, E., Russ, K.F., Pastuszak, J., & Hill, B.D. (2014). Executive functioning in neurologic disorders: Applying the Miyake and Friedman model to medical patients. In *Executive Functioning: Role in Early Learning Processes, Impairments in Neurological Disorders and Impact of Cognitive Behavior Therapy (CBT)*, K. Bennett (Ed.). Hauppauge, NY: Nova Science Publishers, Inc.

Hill, B. D., & Labbe', E. E. (2014). Measuring mindfulness. In *Psychology of Meditation,* N. Singh (Ed.). Hauppauge, NY: Nova Science Publishers, Inc.

Hill, B.D., & Kline, J.S. (2013). Review of the book *The neuropsychology toolkit: Guidelines, formats, and language,* by R.L. Wanlass. *Journal of Child and Family Studies, 22,* 1022-1023.

Kline, J.S., Hill, B.D., Santa Maria, M.P., Boettcher, A.C., & Rohling, M.L. (2013). Comparison of models for calculating individual intellectual decline due to early lead exposure. In *Neuropsychology: New Research,* F. Metzger (Ed.). Hauppauge, NY: Nova Science Publishers, Inc.

Hill, B.D. & Rohling, M.R. (2012). Diagnostic utility of measures of variability in patients suffering from Traumatic Brain Injury: Intra-individual variability as an indicator of validity and pathology. In *Horizons in Neuroscience Research, Volume 7,* A. Costa and E. Villalba (Eds.). Hauppauge, NY: Nova Science Publishers, Inc.

Pella, R., Hill, B.D., Singh, A.N., Hayes, J., & Gouvier, W.D. (2012). Noncredible performance in mild traumatic brain injury. In *Detection of Malingering in Mild Head Injury Litigation, 2nd Edition*, C. Reynolds (Ed.). New York: Plenum.

Russell, E.W., Russell, S.L.K., & Hill, B.D. (2011). The fundamental psychometric status of neuropsychological batteries. In *The Scientific Foundation of Neuropsychological Assessment: With Applications to Forensic Evaluation*, E. Russell (Ed.). Waltham, MA: Elsevier.

Pella, R., Hill, B.D., Kendra, K., & Gouvier, W.D. (2008). Cognitive rehabilitation. In *Neuropsychology Handbook, 3rd Edition,* A. Horton and D. Wedding (Eds.). New York, NY: Springer.

Pella, R., Hill, B.D., Garcie, H.R., & Gouvier, W.D. (2005). Organic mental disorder. In *Comprehensive Handbook of Personality and Psychopathology, Vol. 2,* F. Andrasik (Ed.). Hoboken, NJ: Wiley.

PAPER PRESENTATIONS

Taylor, S. E., Beach, J. D., Isaak, S., Aita, S. L., Harrell, M. N., Boettcher, A. C… & Hill, B. D. (October, 2018). *On the cusp of failure: Exploration of borderline PVT performance in a chronic pain sample.* Oral presentation at the 2018 Alabama Psychological Association Conference, Orange Beach, AL.

Fields, K., Stefurak, J., & Hill, B. (2017, August). *Wechsler and PAI-A scales and intraindividual differences as predictors of juvenile offending.* Paper presented at the 125th annual conference of the American Psychological Association in Washington, DC.

Aita, S. L., Beach, J. D., Taylor, S. E., Hill, B. D., & Zlomke, K. R. (2017, June). *The relation between intraindividual variability among intellectual functions and autism severity*. Paper presented at the 2017 Alabama Psychological Association conference, Orange Beach, AL.

Aita, S., Sofko, C., Musso, M., & Hill, B. (2016, October). *Utility of the Personality Assessment Inventory (PAI) in detecting malingered Attention Deficit/Hyperactivity Disorder (ADHD).* Paper presented at the 36th annual conference of the National Academy of Neuropsychology in Seattle, WA.

Tiffin, S., Gordon Hickey, S., Davis, T., & Hill, B.D. (2016, November). *Auditory aspects of information processing in individuals with Traumatic Brain Injury*. Paper presented at the 48th Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.

Russ, K., Hill, B.D., & Butler, T. (2016, March). *Chemotherapy related cognitive impairment*. Symposium presented at the 62nd Annual Meeting of the Southeastern Psychological Association, New Orleans, LA.

Davis, T., Hill, B.D., Fields, K., Russ, K., Tiffin, S., Stanley, N., Gordon-Hickey, S., & Evans, K. (2016, February). *Utility of auditory ERPs to evaluate linguistic processing in TBI*. Paper presented at the 44th Annual Meeting of the International Neuropsychological Society, Boston, MA.

Fields, K., Hill, B.D., Slattery, T., & Russ, K. (2015, November). *Chance performance is higher than 50% on the Word Memory Test and Test of Memory Malingering.* Paper presented at the 35th annual conference of the National Academy of Neuropsychology in Austin, TX.

Shelton, J. T., Elliott, E. M., Matthews, R. A., Hill, B. D., & Gouvier, W. D. (2010, March). *The relationships of working memory, secondary memory, and fluid intelligence.* Paper presented at the 56th Annual Meeting of the Southeastern Psychological Association. Chattanooga, TN.

Hill, B.D., Davis, J., Ott, B., Alosco, M., Noto, R., & Tremont, G. (2010, March). *SPECT differences between Mild Cognitive Impairment (MCI) and Alzheimer's Dementia (AD) patients*. Paper presented at the 21th Annual Meeting of the American Neuropsychiatric Association in Tampa, FL.

Hill, B.D., Shelton, J., Elliott, E., & Gouvier, W.D. (2008, February). *Validity of the WAIS-III Working Memory Index: Comparison to a working memory criterion construct.* Paper presented at the 36th Annual Meeting of the International Neuropsychological Society, Waikoloa, HI.

Rostow, R.D., Davis, R.D., & Hill, B.D. (2006, October). *Reasons for referral and psychometric outcome for law enforcement FFDEs.* Paper presented at the 2006 International Association of Chiefs of Police Conference, Boston, MA (voted best paper at conference).

Hill, B.D. (2000, April). *Attempted manipulation of serotonin as affecting sensation seeking behavior and problem-solving style*. Paper presented at the 25th Anniversary Carolinas Psychology Conference, Raleigh, NC.

Baird, W.K., Hill, B.D., Lucianin, G., & Lucianin, J. (1999, November). *Validity of student evaluations of faculty.* Paper presented at the 1st Annual Celebration of Inquiry, Conway, SC.

INVITED PRESENTATIONS

Borgogna., N.C., Aita, S.L., Owen, T., Vaughn, J., Johnson, D.A.L., & Hill, B.D. (August, 2024). *So How Special is Special K: A Meta-Analysis of Randomized Control Trials of Ketamine Intervention for PTSD.* Colloquium presented at the VISN 1 CTN Mental Health Consortium Monthly Meeting [Virtual Format]. New England VA System.

Hill, B.D., & Hernandez, K. (2024, February). *Interventions and medications for dementia.* Invited presentation to Gulf Coast Dementia Services, Mobile, AL (CE credits).

Knapp, A. B. S., Austin, D. S., Aita, S. L., Caron, J. E., Owen, T., Borgogna, N. C., Del Bene, V. A., Roth, R. M., Milberg, W. P., & Hill, B. D. (2023, October). *Multidomain neurocognitive outcomes associated with COVID-19 infection: A meta-analysis*. 2nd annual University of Maine Research Symposium on Biomedical Science and Engineering, Orono, ME.

Pizer, J.H., Myers, M.A., & Hill, B.D. (2023, October 27). *Demons in the mirrors: A childhood case report of 22q11.2 deletion syndrome first addressed by tele-neuropsychological evaluation during the COVID-19 lockdown*. Pediatric grand rounds presentation at the 43rd annual conference of the National Academy of Neuropsychology, Philadelphia, PA.

Hill, B. D., Borgogna, N. C., Aita, S. L., & Musso, M. (2023, September). *Exploring and understanding base rates in pre-employment psychological evaluations of law enforcement.* Invited presentation at the 49th annual conference of the Society for Police and Criminal Psychology in Arlington, TX (Davis Award for Best Psychometrics-Related Research Talk).

Gouvier, W.D., & Hill, B.D. (2019, June). *Post-offer, pre-employment evaluation of police candidates: The case for actuarial assessment.* Invited presentation at the 4th annual Asian Conference of Criminal & Operations Psychology (ACCOP) in Singapore.

Hill, B.D. (2019, June). *Clinical assessment of personality.* Invited seminar to the psychiatry residents, Department of Psychiatry, College of Medicine, University of South Alabama, Mobile, AL.

Hill, B.D. (2018, October). *Understanding and recognizing dementia.* Invited workshop to the Volunteers of America, Mobile, AL.

Gouvier, W.D., Hill, B.D., & Musso, M.W. (2017, October). *Resistance to change? Start at the Top!* Invited presentation at the 43nd annual conference of the Society for Police and Criminal Psychology in San Diego, CA (POST CEU credits).

Hill, B.D., & Epker, J. (2016, December). *Clinical considerations for neuropsychological evaluation of patients with chronic pain.* Invited presentation for the National Academy of Neuropsychology distance CE webinar series (1.5 CE credits).

Gouvier, W.D., & Hill, B.D. (2016, October). *Sensitivity, specificity, and base rates: Getting realistic about psychological tests and measures in police psychology.* Invited presentation at the 42nd annual conference of the Society for Police and Criminal Psychology in Austin, TX.

Hill, B.D., & Alvarez, D. (2016, March). *The exposome: A model where environment, obesity, and inflammation interact to determine health outcomes.* Invited workshop to the Emerging Scholars Environmental Sciences Academy, Gulf Region Health Outreach Program, University of South Alabama, Mobile, AL.

Hill, B.D., Thames, A., & Hoth, K. (2016, March). *ECNPC Virtual Happy Hour: SCN Early Career Pilot Award and grant-writing discussion.* Joint on-line presentation of American Psychological Association Division 40 Society for Clinical Neuroscience Scientific Advisory Committee and the Early Career Neuropsychologists Committee. Available for viewing at https://www.youtube.com/watch?v=prgAg3aDgB8.

Hill, B.D., & Sofko, C. (2015, March). *Environmental lead (Pb) exposure: Neurotoxic effects on cognition and academic achievement.* Invited workshop to the Emerging Scholars Environmental Sciences Academy, Gulf Region Health Outreach Program, University of South Alabama, Mobile, AL.

Davis, L., Novack, T., Hill, B., Theadom, A., Stein, M., Williamson, D., Binneman, B., & Bergman, M. (2015, February). *TBI working group-neuropsychiatric sequelae.* Invited presentation at the 11th annual meeting of the International Society for CNS Clinical Trials and Methodology in Washington, DC.

Boxer, O., Hill, B.D., Thames, A., & Tremont, G. (2014, November). *Clinical research grants workshop.* Invited presentation at the 34th annual conference of the National Academy of Neuropsychology in Fajardo, Puerto Rico.

Hill, B.D., & Kline, J. (2014, March). *Effects of environmental toxins on cognitive and academic functioning.* Invited workshop to the Emerging Scholars Environmental Sciences Academy, Gulf Region Health Outreach Program, University of South Alabama, Mobile, AL.

Hill, B.D., & Labbe'-Coldsmith, L. (2013, May). *Measuring mindfulness: Current measures, psychometric scale development, and future directions*. Symposium at the 1st International Conference on Mindfulness, Sapienza University, Rome, Italy.

Hill, B.D., & Labbe'-Coldsmith, L. (2013, April). *Measuring mindfulness: Current measures, psychometric scale development, and future directions*. Invited Clinical Grand Rounds

presentation to the faculty and students of the Combined Clinical-Counseling Program, University of South Alabama, Mobile, AL.

Hill, B.D. (2013, February). *Exotic and atypical dementia syndromes.* Invited Clinical Grand Rounds presentation to the faculty and students of the Combined Clinical-Counseling Program, University of South Alabama, Mobile, AL.

Hill, B.D. (2012, September). *Differential diagnosis of dementia.* Invited Clinical Grand Rounds presentation to the faculty and students of the Combined Clinical-Counseling Program, University of South Alabama, Mobile, AL.

Hill, B.D. (2010, February). *Beyond Baddeley: Reconceptualizing clinical assessment of working memory.* Invited presentation to the faculty and students of the Department of Psychology, University of South Alabama, Mobile, AL.

Hill, B.D. (2009, November). *Beyond Baddeley: Reconceptualizing clinical assessment of working memory.* Invited presentation to the faculty and students of the Department of Psychology, Auburn University, Auburn, AL.

Hill, B.D. (2009, September). *Beyond Baddeley: Reconceptualizing clinical assessment of working memory.* Invited presentation to the faculty, post-doctoral fellows, and interns of the Neuropsychology Program, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University, Providence, RI.

Hill, B.D. (2008, April). *Clinical assessment of working memory.* Invited presentation as part of the Neuropsychology Lecture Series of the Neuropsychology Department, Methodist Rehabilitation Center, Jackson, MS (CE credits awarded).

Hill, B.D. (2008, April). *Memory impairment and social phobia in a case of multiple sclerosis.* Invited case presentation to the faculty, post-doctoral fellows, and residents of the Department of Psychiatry and Human Behavior, University of Mississippi Medical Center, Jackson, MS.

Hill, B.D. (2008, January). *Working memory impairment in psychiatric populations.* Invited presentation to the medical residents of the Department of Psychiatry at the University of Mississippi Medical Center, Jackson, MS.

Sepehri, A., Hill, B.D., & Stouter, J. (2007, December). *Issues related to return to work following TBI.* Invited presentation to the Vocational Rehabilitation and Supported Employment counselors sponsored by the Mississippi Department of Rehabilitation Services, Canton, MS.

Hill, B.D. (2007, December). *Clinical assessment of working memory.* Invited presentation to the faculty, post-doctoral fellows, and residents of the Department of Psychiatry and Human Behavior, University of Mississippi Medical Center, Jackson, MS.

Hill, B.D., Pella, R., & Garcie, H. (2007, March). *An innovative approach to the psychoeducational screening of student-athletes.* Invited presentation to the clinical faculty and students of the Department of Psychology, Louisiana State University, Baton Rouge, LA.

POSTER PRESENTATIONS

Pizer, J.H., Zlomke, K. & Hill, B.D. (2025, February). *S.C.A.N.S. (SCD [Sickle Cell Disease] Child and*

Adolescent Neurocognitive Screening): The Utility of the LANSE in Pediatric SCD. Poster presented at the annual meeting of the International Neuropsychological Society, New Orleans, LA.

Ikonomou, V.C., Gomien, K., Hernandez, K.A., Aita, S.L., Borgogna, N., Musso, M., Smith, P.N., & Hill, B.D. (2024, September). *Big 5 personality profiles of police training academy cadets*. Poster presented at the 2024 Society for Police and Criminal Psychology Conference, Louisville, KY.

Wagaman, B., Ikonomou, V., Campbell, I., Hernandez, K., Humphreys, F., Santa Maria, M., & Hill, B.D. (2024, July). *The association between childhood lead exposure and increased intra-individual variability across neuropsychological tests.* Poster presented at the 1st annual Global Neuropsychology Congress, Porto, Portugal.

Pizer, J., Zlomke, K., PhD, Hill, B.D., Wilson, F., Marri, P., Pack-Mabien, A., Imran, H., Siddiqui, A., & Williams, J. (2024, March). SCD (Sickle Cell Disease) *Child and adolescent neurocognitive screening: Initial findings on the utility of the LANSE in youth with SCD.* St. Jude National Graduate Student Symposium, Memphis, TN.

Ikonomou, V.C., Campbell, I., Wagaman, B., Hernandez, K., & Hill, B.D. (2024, March). *A Grittier and Needier HiTOP model:A bass-ackwards approach to mapping out motivational personality traits.* Poster presented at the Hierarchical Taxonomy of Psychopathology (HiTOP) Conference, San Diego, CA.

Hernandez, K., Lindsey, D.R.B., Hill, B.D., (2024, February). *The relationship between attention and order errors in serial order memory.* Poster presentation at the 52nd annual North American meeting of the International Neuropsychology Society conference.

Campbell, I., Ikonomou, V. C., Myers, M. A., Hawley, N. A., Pizer, J. H., Wagaman, B., & Hill, B. D. (2023, October). *Association of fronto-parietal wetwork white matter tract connectivity with executive functioning and working memory in a diverse sample.* Poster presented at the National Academy of Neuropsychology 43rd Annual Conference, Philadelphia, PA. (Diversity Trainee Poster Award winner).

Ikonomou, V.C., Wagaman, B., Myers, M.A., Campbell, I., Hawley, N.A.., Pizer, J.H., Asencio-Ortiz, P., Foster, J., & Hill, B.D. (2023, October). *Need for Cognition results in greater persistence on fluid intelligence tests.* Poster presented at the National Academy of Neuropsychology 43rd Annual Conference, Philadelphia, PA.

Ikonomou, V.C., Meier, L., Wagaman, B., Campbell, I., Myers, M.A., Pizer, J.H., Hawley, N.A.., Asencio-Ortiz, P., & Hill, B.D. (2023, October). *The association between cognitive ability and performance consistency on Paced Auditory Serial Addition Test (PASAT).* Poster presented at the National Academy of Neuropsychology 43rd Annual Conference, Philadelphia, PA.

Wagaman, B., Ikonomou, V., Humphreys, F., Myers, M., Pizer, J., Hawley, N., Campbell, I., Asencio-Ortiz, P., Foster, J., & Hill, B. (2023, October). *The trait Need for Cognition moderates story learning but not other memory tests.* Poster presented at the National Academy of Neuropsychology 43rd Annual Conference, Philadelphia, PA.

Hawley**,** N.A.., Myers, M.A., Pizer, J.H., Ikonomou, V., Wagaman, B., Campbell, I., O'Bryant, S., &

Hill, B. (2023, October). *Examining NfL as a moderator for APOE status and cognitive dispersion*. Poster session to be presented at the annual meeting of National Academy of Neuropsychology 43rd Annual Conference, Philadelphia, PA.

Myers, M.A., Pizer, J.H., & Hill, B.D. (2023, October). *Basal ganglia calcification, hypothyroidism, and Covid-19: A case of possible Fahr's syndrome*. Poster to be presented at the National Academy of Neuropsychology 43rd Annual Conference, Philadelphia, PA.

Campbell, I., Ikonomou, V., Hill, B., Toups, K., Hathaway, A., Gordon, D., Bredesen, D. (2023, October) *Two Copies of APOE4 Increase the Association Between Cognitive Intra-Individual Variability and Memory Performance.* Poster session to be presented at the annual Southeastern Neurodegenerative Disease Conference (SENDCon), Atlanta, GA

Aita, S. L., Del Bene, V. A., Borgogna, N. C., Keller, J., & Hill, B. D. (2023, October). *Comparison of different metrics of dispersion-based intra-individual variability: Sensitivity and association with global mental status in Alzheimer's disease.* Poster to be presented at the 2023 Southeastern Neurodegenerative Disease Conference (SENDCon), Atlanta, GA.

Ikonomou, V.C., Aita, S.L., Borgogna, N., Musso, M., & Hill, B.D. (2023, September). *Officers who are terminated for cause or asked to resign differ minimally on the MMPI-2 from good hires*. Poster presented at the 2023 Society for Police and Criminal Psychology Conference, Arlington, TX (Serafino Award for Best Student Poster).

Hawley, N.A., Pizer, J., Aita, S.L., Myers, M.A., Ikonomou, V.C., Brasil, K.M., Hernandez, K.A., Pettway, E.C., & Hill, B.D. (2023, February). *Neuropsychological performance in vestibular migraine: Preliminary findings from a meta-analysis.* Poster presented at the 51st annual meeting of the International Neuropsychological Society, San Diego, CA.

Ikonomou, V. C., Myers, M. A., Hawley, N. A., Pizer, J. H., Campbell, I., Wagaman, B., & Hill, B. D. (2023, February). *Personality traits account for variability in self-reported executive functioning but not objective executive performance*. Poster presented at the International Neuropsychological Society 51st Annual Conference, San Diego, CA, USA.

Asencio-Ortiz, P., Ikonomou, V., Maladkar, R., & Hill, B. (2023, February). *More than one way to skin a cortex: A meta-analysis comparing neuroimaging and personality testing.* Poster session presented at the International Neuropsychological Society 51st Annual Conference, San Diego, CA.

Pizer, J.H., Aita, S.L., Myers, M.A., Hawley, N.A., Ikonomou, V.C., Brasil, K.M., Hernandez, K.A., Pettway, E.C., & Hill, B.D. (2023, February). *Processing speed in migraine with and without aura: A meta-analysis*. Poster session presented at the annual meeting of the International Neuropsychological Society, San Diego, CA.

Hernandez, K., Lindsey D.R.B., & Hill, Benjamin D., (2022, October) *The relationship between attention and order errors in serial order memory.* Poster presented at the 42nd annual meeting of the National Academy of Neuropsychology, Denver, CO.

Pizer, J.H., Aita, S.L., Hawley, N.A., Myers, M.A., Ikonomou, V.C., Brasil, K.M., Hernandez, K.A., Pettway, E.C., & Hill, B.D. (2022, October). *Neuropsychological functioning in migraine: A meta-analysis*. Poster presented at the 42nd annual meeting of the National Academy of Neuropsychology, Denver, CO.

Hawley, N., Pizer, J., Myers, M., Ikonomou, V., Harrel, M., & Hill, B. (2022, October). *Much ado about norming: Ethnic differences across three normative systems for COWAT/FAS performance*. Poster presented at the 42nd annual meeting of the National Academy of Neuropsychology 42nd Annual Conference, Denver, CO.

Ikonomou, V. C., Harrell, M. N., Aita, S. L., Myers, M. A., Hawley, N. A., Pizer, J. H., & Hill, B. D. (2022, October). *The Barkley Deficits in Executive Functioning Scale (BDEFS): Personality index or a measure of executive functioning?* Poster presented at the 42nd annual meeting of the National Academy of Neuropsychology 42nd Annual Conference, Denver, CO.

Bauman, A.J., Traylor, M.K., Saiyasit, N., Butlig, E.R., Chaney, S.D., Hawley, N.A., Randall, R.B., Bobinger, H.V., Frizell, C.A., Hill, B.D., Keller, J.L.& Nelson, A.R. (2022, July). *Vascular dysfunction in health disparities – unraveling contributions to dementia and Alzheimer's disease in South Alabama.* Poster presented at the annual meeting of the Alzheimer's Association International Conference, San Diego, CA.

Traylor, M.K., Fillingim, S., Nelson, A.R., Hill, B.D., Frizell, C.A., & Keller, J.L. (2022, March). *Lean Mass and Strength, Not Fat, Correlate Highly with Vascular Functions in Midlife, African Americans.* Poster presented at the annual meeting of the American College of Sports Medicine, San Diego, CA (won undergraduate research award).

Hawley, N., Pizer, J., Myers, M., & Hill, B. (2022, February). *Much ado About Norming: Trail Making Test Performance Outcome for African Americans Differs Between Normative Systems.* Poster presented at the 49th annual meeting of the International Neuropsychological Society, New Orleans, LA.

Myers, M.A., Hawley, N.A., Pizer, J.H., Harrell, M.N., Aita, S.L., & Hill, B.D. (2022, February). *I Think, Therefore I Deliberate: Higher Need for Cognition Is Associated with Increased Response Time on Computerized Executive Functioning Tasks.* Poster presented at the 49th annual meeting of the International Neuropsychological Society, New Orleans, LA.

Pizer, J.H., Aita, S.L., Hawley, N.A., Myers, M.A., Del Bene, V.A., Marotta, D.A., Niccolai, L., Walker, H.C., Gerstenecker, A., Martin, R.C., Clay, O.J., Crowe, M., Triebel, K.L., & Hill, B.D. (2022, February). *Executive Functioning in Primary Dystonia: A Meta-Analysis*. Poster presented at the 49th annual meeting of the International Neuropsychological Society, New Orleans, LA.

Hawley, N., Myers, M., Pizer, J., Harrell, M., & Hill, B. (2021, November). *Personality as a Proxy for Positive Effort: The Role of Grit, Need for Cognition, and Extraversion in Problem-Solving.* Poster presented at the annual meeting of the National Academy of Neuropsychology 41st Annual Conference (virtual).

Harrell, M.N., Myers, A. M., Nanako A Hawley, N.A., Pizer, J.H., Hill, B.D. (2021, November). *An Analysis of Rarely Missed Items on the TOMM.* Poster presented at the annual meeting of the National Academy of Neuropsychology 41st Annual Conference (virtual).

Myers, M.A., Basu, N., Harrell, M.N., Pizer, J.H., Hawley, N.A., Aita, S.L., Calamia, M., & Hill, B.D. (2021, November). *Development of a PTSD-specific embedded validity measure in the Personality Assessment Inventory.* Poster presented at the annual meeting of the National Academy of Neuropsychology 41st Annual Conference (virtual).

Hayes, E., Epker, J., & Hill, B.D. (2021). Improving psychological pre-surgical evaluations for chronic back pain by developing an algorithm to predict positive surgical outcomes using neuropsychological data. Poster presented at the Honor College Research Day, University of South Alabama, Mobile, AL.

Pizer, J.H., Myers, M.A., Hawley, N.A., Harrell, M., & Hill, B.D. (2021, February). *Cognitive intra-individual variability varies by race/ethnicity.* Poster presented at the International Neuropsychological Society 49th Annual Conference, San Diego, CA.

Hawley, N., Myers, M., Pizer, J., Aita, S., & Hill, B. (2021, February). *Development of an embedded measure of Grit for the Personality Assessment Inventory.* Poster presented at the International Neuropsychological Society 49th Annual Conference, San Diego, CA.

Aita, S. L., Knapp, D., Demming, C., Hill, B. D. (2020, October). *Meta-Analysis of Neuropsychological Intra-Individual Variability in Mild- and Moderate/Severe-Traumatic Brain Injury.* Poster presented at the virtual National Academy of Neuropsychology 40th Annual Conference (Student Poster Award winner).

Aita, S. L., Knapp, D., Demming, C., Hill, B. D. (2020, October). *Meta-Analysis of Neuropsychological Intra-Individual Variability in Dementia and Mild Cognitive Impairment.* Poster presented at the virtual National Academy of Neuropsychology 40th Annual Conference.

Harrell, M.N., Myers, M.A., Taylor, S.E., Beach, J.D., Aita, S.L., Hill, B.D., & Calamia, M. (2020, October). *Mittenberg-type formula for identifying feigned ADHD using WAIS-IV.* Poster presented at the virtual National Academy of Neuropsychology 40th Annual Conference.

Myers, M.A., Harrell, M.N., Tayler, S.E., Beach, J.D., Aita, S.L., Hill, B.D., & Calamia, M. (2020, October). *Association of feigned attentional symptoms with intra-individual variability in intellectual functioning.* Poster presented at the virtual National Academy of Neuropsychology 40th Annual Conference.

Beach, J., Issac, S., Aita, S., Taylor, S., Harrell, M., Elliott, M., . . . Hill, B. (2020). *Not All Working Memory Tasks are Created Equal: Evaluation of Orally Administered Working Memory Tasks vs. PEBL Computerized Working Memory Tasks*. Poster presented at the 49th annual conference of the International Neuropsychology Society, Denver, CO.

Harrell. M.N., Taylor, S.E., Beach, J.D., Aita, S.L., & Hill, B.D. (2020, February). *Exploring the construct validity of PEBL: an open source cognitive task experiment package.* Poster presented for the 48th annual conference of the International Neuropsychological Society, Denver, CO

Taylor, S. E., Aita, S. L., Harrell, M. N., Myers, M., Beach, J. D., Windhorst, E., … & Hill, B. D. (2020, February). *Much ado about norming part 2: A comparison of three demographically corrected norming systems in African American and Caucasian clinical samples*. Poster accepted to the 48th annual conference of the International Neuropsychological Society, Denver, CO.

Beach, J., Rickets, H., McCaskey, V., Taylor, S., Harrell, M., Aita, S., . . . Hill, B. (2019). *The Relationship between Big-5 Personality Factors and Cognitive Health*. Poster presented at the 33rd annual conference of the National Academy of Neuropsychology, San Diego, CA

Harrell. M.N., Taylor, S.E., Beach, J.D., Aita, S.L., & Hill, B.D. (2019, November). *The Mediating*

Effects of Personality Traits on Sleep Quality and Executive Dysfunction. Poster submitted for the 39th annual conference of the National Academy of Neuropsychology, San Diego, CA

Taylor, S. E., Beach, J. D., Isaak, S., Aita, S. L., Harrell, M. N., Boettcher, A. C… & Hill, B. D. (2019). *On the cusp of failure: Exploration of borderline PVT performance in a chronic pain sample.* Poster presented at the 47th annual conference of the International Neuropsychological Society, New York, NY.

Aita, S. L., Beach, J. D., Taylor, S., Harrell, M. N., Holcombe, J., Sofko, C. A., … Hill, B. D. (2019). *Comparison of healthcare professions: Documentation and vonceptualization of malingering in clinical practice*. Poster presented at the 47th annual conference of the International Neuropsychological Society, New York City, NY.

Beach, J. D. Aita, S. L., Harrell, M. N., Taylor, S. E., Holcombe, J. S., & Hill, B. D. (2019). *Perceptions of malingering base rates across healthcare professions.* Poster presented at the 47th annual conference of the International Neuropsychological Society, New York, NY.

Demming, C., Myers, M., Hill, B., & Shelley-Tremblay, J. (2019). *Complex relationships between heart rate variability, anxiety, and cognitive intra-individual variability*. Poster presented at the 96th Annual Meeting of the Alabama Academy of Science, Tuskegee, AL.

Beach, J. D., Aita, S. L., Francia, A. L., LaMay, D. E., Taylor, S. E., Harrell, M. N., Holcombe, J. S., Elliott, E., Calamia, M., & Hill, B. D. (2018). *Comparison of computerized versus oral administration of the Digit Span task.* Poster Presented at the 38th annual conference of the National Academy of Neuropsychology, New Orleans, LA.

Aita, S., Taylor, S., Beach, J., Roye, S., Calamia, M., & Hill, B. (2018). *The convergent and discriminant validity of the Cognitive Healthy Questionnaire in a healthy college sample.* Poster presented at the 37th annual conference of the National Academy of Neuropsychology, New Orleans, LA.

Myers, M. A., Holcombe, J. S., Taylor, S. E., Overstreet, T. R., Espenan, M., Epker, J., & Hill, B. D. (2018). *Pain catastrophizing and its relation to psychological distress and cognitive performance in a chronic pain sample.* Poster presented at the National Academy of Neuropsychology 38th Annual Conference, New Orleans, LA.

Taylor, S. E., Aita, S, L, Beach, J. D., Holcombe, J. S., Myers, M., Boettcher, A. C…& Hill, B. D. (2018). *Base rates of failed performance validity tests in a chronic pain sample*. Poster Presented at the 38th annual conference of the National Academy of Neuropsychology, New Orleans, LA.

Harrell, M., Fadoir, N., Taylor, S., Beach, J., Aita, S., Elliott, E., & Hill, B. (2018). *The effects of personality on measures of executive functioning.* Poster Presented at the 38th annual conference of the National Academy of Neuropsychology, New Orleans, LA.

Beach, J., Aita, S., Taylor, S., Holcombe, J., Epker, J., Boettcher, A., Burrell, R., Taylor, J., Espenan, M., & Hill, B. (2018). *Pain catastrophizing predicted by emotional distress and cognitive function in chronic pain sample.* Poster presented at the 46th annual conference of the International Neuropsychological Society, Washington, DC.

Myers, M., Hill, B., Shelley-Tremblay, J., & Joanning, H. (2018). *Physiological and cognitive*

intra-individual variability are negatively associated. Poster to be presented at the Southeastern Psychological Association 64th Annual Meeting, Charleston, SC.

Taylor, S. E., Beach, J. D., Aita, S. L., Holcombe, J. S., Epker, J., Boettcher, A. C., Burrell, R., Taylor, J., & Hill, B.D. (2018). *Examination of the Repeatable Battery for the Assessment of Neuropsychological Status Performance Validity Index in a Chronic Pain Sample.* Poster presented at the 46th annual conference of the International Neuropsychological Society, Washington, DC.

Aita, S. L., Taylor, S., Beach, J., Holcombe, J. S., Sofko, C. A., Boettcher, A., & Hill, B. D. (2018). *An Examination of the Construct Validity of CNS Vital Signs Using EFA*. Poster presented at the 46th annual conference of the International Neuropsychological Society, Washington, DC.

Aita, S. L., Beach, J. D., Taylor, S. E., Hill, B. D., & Zlomke, K. R. (2017). *The Relation Between Intraindividual Variability Among Intellectual Functions and Autism Severity*. Poster presented at the 37th annual conference of the National Academy of Neuropsychology, Boston, MA.

Beach, J. D., Aita, S. L., Taylor, S. E., Holcombe, J. S., Zlomke, K. R., & Hill, B. D. (2017). *Evaluation of the equivalency of the Stanford-Binet-5 Comprehensive and Abbreviated Versions for Measuring Intelligence in Autism.* Poster presented at the 37th annual conference of the National Academy of Neuropsychology, Boston, MA

Holcombe, J. S., Taylor, S. E., Beach, J. D., Aita, S. L., LaMay, D. E., Reed, J. M., Elliott, E. M., & Hill, B. D. (2017). *Trait Anxiety and its Relation to Self-Reported Executive Dysfunction.* Poster presented at the 37th annual conference of the National Academy of Neuropsychology, Boston, MA.

Aita, S. L., Hill, B. D., Musso, M. W., & Gouvier, W. D. (2017). *How Low Can You Go? The Relation Between Shipley Intelligence and M-PULSE Outcomes.* Poster presented at the 2017 Society for Police and Criminal Psychology conference, San Diego, CA.

Beach, J. D., Aita, S. L., Taylor, S. E., Holcombe, J. S., Zlomke, K. R., & Hill, B. D. (2017). *Evaluation of the equivalency of the Stanford-Binet-5 Comprehensive and Abbreviated Versions for Measuring Intelligence in Autism.* Poster presented at the 2017 Alabama Psychological Association conference, Orange Beach, AL.

Taylor, S. E., Aita, S. L., Beach, J. D., Holcombe, J. S., Leytham, A., Percy, S., Burrell, R., Calamia, M., Hill, B. D. (2017). *Neuroticism vs Dysexecutive: Two Sides of the Same Coin?* Poster presented at the 2017 Alabama Psychological Association conference, Orange Beach, AL.

Holcombe, J. S., Taylor, S. E., Beach, J. D., Aita, S. L., LaMay, D. E., Reed, J. M., Elliott, E. M., & Hill, B. D. (2017). *Trait Anxiety and its Relation to Self-Reported Executive Dysfunction.* Poster presented at the 2017 Alabama Psychological Association conference, Orange Beach, AL.

Myers, M., Hill, B., Joanning, H., & Shelley-Tremblay, J. (2017). *Physiological and cognitive intra-individual variability are negatively associated.* Poster presented at the National Academy of Neuropsychology 37th Annual Conference, Boston, MA.

Holcombe, J. S., Aita, S. L., Taylor, S. E., Beach, J. D., Slagel, B., Hudson, J., Roye, S., Calamia, M., &

Hill, B. D. (2017). *Need For Cognition and its relation to self-reported executive dysfunction*. Poster presented at the 45th annual conference of the International Neuropsychological Society, New Orleans, LA.

Taylor, S. E., Aita, S. L., Beach, J. D., Holcombe, J. S., Espenan, M., Roye, S., Stanley, N., Calamia, M., & Hill, B. D. (2017) *The relation between the Mental Clutter Scale and self-reported executive dysfunction*. Poster presented at the 45th annual conference of the International Neuropsychological Society, New Orleans, LA.

Beach, J. D., Aita, S. L., Taylor, S. E., Holcombe, J. S., Calamia, M., & Hill, B. D. (2017). *Inconsistency in responding is associated with greater self-reported executive dysfunction*. Poster presented at the 45th annual conference of the International Neuropsychological Society, New Orleans, LA.

Boettcher, A., Hill, B. D., & Epker, J. (2017). *The relation of self-report pain scales to neuropsychological test performance using structural equation modeling.* Poster presented at the 45th annual conference of the International Neuropsychological Society, New Orleans, LA.

Aita, S., Boettcher, A., Slagel, B., Holcombe, J., Espenan, M., King, M., & Hill, B. (2016). *The relation between verbal fluency and executive functioning: An exploratory factor analysis (EFA) approach.* Poster presented at the 36th annual conference of the National Academy of Neuropsychology in Seattle, WA.

Aita, S., Sofko, C., Musso, M., & Hill, B. (2016). *Utility of the Personality Assessment Inventory (PAI) in detecting malingered Attention Deficit/Hyperactivity Disorder (ADHD).* Poster presented at the 36th annual conference of the National Academy of Neuropsychology in Seattle, WA.

Hill, B., Gouvier, W.D., Aita, S., & Jones, G. (2016). *Can we identify bad cops based on history? Base rates of historical markers.* Poster presented at the 42nd annual conference of the Society for Police and Criminal Psychology, Austin, TX.

Aita, S., Hill, B., Gouvier, W.D., & Jones, G. (2016). *Abstract reasoning predicts misconduct episodes in police officers: A comparison of cognitive and emotional functioning predictors.* Poster presented at the 42nd annual conference of the Society for Police and Criminal Psychology, Austin, TX.

Aita, S., Hill, B., Gouvier, W.D., & Jones, G. (2016). *Psychometric evaluation of M-PULSE and comparison to MMPI-2.* Poster presented at the 42nd annual conference of the Society for Police and Criminal Psychology, Austin, TX.

Block, C., Dunn, C., Feigon, M., Hill, B.D., Phillips, D., Scarisbrick, D., & Diver, T. (2016). *Connecting early career neuropsychologists: A "callosal" undertaking by the Society for Clinical Neuropsychology (APA Division 40)*. The Society for Clinical Neuropsychology (SCN/Division 40) at the American Psychological Association convention, Denver, CO.

Jett, S.E., O'Donnell, K., Taylor, J., Lopez, O., Coley, J., Fontenot, M., Stern, A.M., Hill, B.D., Audia, J., & Alvarez, D. (2016). *An investigation of spatial working memory in mice*. Poster presented at the 23rd annual International Conference on Comparative Cognition, Melbourne Beach, FL.

Davis, T., Hill, B.D., Fields, K., Russ, K., Tiffin, S., Stanley, N., Gordon-Hickey, S., & Evans, K. (2016).

Utility of the P300 Event-Related Potential to Evaluate the Cognitive Processing of Words in Adults with Traumatic Brain Injury. Poster presented at the 23rd annual Graduate Research Forum, University of South Alabama, Mobile, AL.

Aita, S. L., Boettcher, A., Slagel, B., & Hill, B. D. (2016). *Revisiting the Biber Cognitive Estimation Test: A Novel IQ-Criterion Based Approach to Scoring*. Poster presented at the 44th annual conference of the International Neuropsychological Society, Boston, MA.

Sofko, C., Currier, J. M., Hill, B. D., & Drescher, K. D. (2015). *The relationship between loss of consciousness and lifetime suicide attempts in a sample of male Iraq/Afghanistan veterans seeking residential treatment for Posttraumatic Stress Disorder*. Poster presented at the 35th annual conference of the National Academy of Neuropsychology in Austin, TX.

Hill, B.D., Foster, J.D., Elliott, E.M., Boettcher, A., Sofko, C., & Corley, E. (2015). *The personality trait Need for Cognition affects story memory performance.* Poster presented at the 35th annual conference of the National Academy of Neuropsychology in Austin, TX.

Russ, K., Hill, B.D., & Fields, K. (2015). *Intra-individual variability on the Personality Assessment Inventory is a marker of psychopathology.* Poster presented at the 35th annual conference of the National Academy of Neuropsychology in Austin, TX.

Boettcher, A., Corley, E., & Hill, B. (2015). *Associations between WAIS-IV indexes and CNS Vital Signs domains.* Poster presented at the 35th annual conference of the National Academy of Neuropsychology in Austin, TX.

Fields, K., Hill, B.D., Slattery, T., & Russ, K. (2015). *Chance performance is higher than 50% on the Word Memory Test and Test of Memory Malingering.* Poster presented at the 35th annual conference of the National Academy of Neuropsychology in Austin, TX.

Sofko, C., Currier, J. M., Hill, B. D., Drescher, K. D. & McCormick, W. (2015). *mTBI severity Complicates symptom picture in Iraq/Afghanistan veterans seeking PTSD residential treatment*. Poster presented at the 31st Annual Meeting of the International Society for Traumatic Stress Studies, New Orleans, LA.

Calamia, M., Musso, M., & Hill, B.D. (2015). *Factor structure and clinical correlates of the Wender Utah Rating Scale (WURS).* Poster presented at the 43rd Annual Meeting of the International Neuropsychological Society in Denver, CO.

Taylor, J.A., Boettcher, A., & Hill, B.D. (2015). *A psychometric examination of pain scales commonly used in the management of chronic pain.* Poster presented at the 43rd Annual Meeting of the International Neuropsychological Society in Denver, CO.

Sofko, C., Boettcher, A., Hoadley, R., & Hill, B.D. (2014). *Comparison of measures of neuropathology severity.* Poster presented at the 34th annual conference of the National Academy of Neuropsychology in Fajardo, Puerto Rico.

Sofko, C., Hoadley, R., Boettcher, A., & Hill, B.D. (2014). *Differential rates of age-related decline on Trail Making Tests.* Poster presented at the 34th annual conference of the National Academy of Neuropsychology in Fajardo, Puerto Rico.

Boettcher, A. C., Sofko, C., Hoadley, R. M., & Hill, B. D. (2014). *A little knowledge is a dangerous thing*

part 2: Survey of empirically based knowledge of return-to-play guidelines using the RoCKAS. Poster presented at the 34th Annual Conference of the National Academy of Neuropsychology, Fajardo, Puerto Rico

Hoadley, R. M., Sofko, C., Boettcher, A., & Hill, B. (2014). *Comparison of three approaches to cognitive and academic IIV as markers for ADHD and LD.* Poster presented at the 34th Annual Conference of the National Academy of Neuropsychology, Fajardo, Puerto Rico

Hoadley, R. M., Kline, J., Corley, E., Sofko, C., & Hill, B. (2014). *Worse performance on simpler tasks does not equate pathology.* Poster presented at the 34th Annual Conference of the National Academy of Neuropsychology, Fajardo, Puerto Rico.

Hoadley, R. M., Corley, E. R., Boettcher, A., Sofko, C., & Hill, B. D. (2014). *PersonalityAssessment Inventory (PAI): Do group differences result in bias?* Poster presented at the 12th Annual Conference of the American Academy of Clinical Neuropsychology, New York, NY.

Hill, B.D., Santa Maria, M.P., Kline, J., Boettcher, A., & LeFauve, M. (2014). *Cognitive intra-individual variability predicts historical lead exposure but academic intra-individual variability does not.* Poster presented at the mid-year meeting of the International Neuropsychological Society in Jerusalem, Israel.

Taylor, J., Hill, B.D., & Davis, J. (2014). *Caregiver reaction to placement scale: A new instrument to assess caregiver emotional functioning following nursing home placement.* Poster presented at the National Conference on Undergraduate Research at the University of Kentucky in Lexington, KY.

Fields, K.N., Slattery, T.J., Russ, K., & Hill, B.D. (2014). *A psycholinguistic analysis of the Word Memory Test: Item level characteristics and variability.* Poster presented at the 42nd Annual Meeting of the International Neuropsychological Society in Seattle, WA.

Kline, J.S., Boettcher, A., Hill, B.D, Santa Maria, M.P., LeFauve, M., & Rohling, M.L. (2014). *Historical lead (Pb) exposure is associated with increased cognitive intra-individual variability.* Poster presented at the 42nd Annual Meeting of the International Neuropsychological Society in Seattle, WA.

Hoadley, R., Sofko, C., Hill, B.D., & Musso, M. (2014). *Cognitive and academic intra-individual variability in Attention-Deficit/Hyperactivity Disorder (ADHD) and Learning Disorder (LD).* Poster presented at the 42nd Annual Meeting of the International Neuropsychological Society in Seattle, WA.

Russ, K., Hill, B.D., Fields, K., Womble, M.N., & Rohling, M.L. (2014). *The reliability of cognitive consistency: Cognitive intra-individual variability across two testing sessions.* Poster presented at the 42nd Annual Meeting of the International Neuropsychological Society in Seattle, WA.

Harris, J. W., Elliott, E. M., Hill, B. D., Barker, A., & Boettcher, A. C. (2013). *Laboratory versus psychometric assessment of working memory II*. Poster presented at the 54th Annual Meeting of the Psychonomic Society in Toronto, ON, Canada.

Boettcher, A., Hill, B. D., & Rohling, M.L. (2013). *A little knowledge is a dangerous thing: Survey of empirically based knowledge of concussion sequelae.* Poster presented at the 33rd Annual

Meeting of the National Academy of Neuropsychology in San Diego, CA (won student poster award).

Kline, J., Boettcher, A., Hill, B. D., Hoadley, R., & Rohling, M.L. (2013). *COWAT/FAS output by 15 second epochs: A quantitative examination of a qualitative process approach.* Poster presented at the 33rd Annual Meeting of the National Academy of Neuropsychology in San Diego, CA.

Fields, K., Hill, B. D., Corley, E., Russ, K., Boettcher, A., Musso, M., & Rohling, M.L. (2013). *1, 2, 3, 4…I declare norms war! Comparison of the Mitrushina meta-norms and Heaton and Comprehensive Neuropsychological Normative System demographic norms in a matched African-American and white sample.* Poster presented at the 33rd Annual Meeting of the National Academy of Neuropsychology in San Diego, CA.

Hoadley, R., Hill, B. D., & Rohling, M.L. (2013). *Rising to the challenge: Longer backwards than forward Digit Span profile is associated with better cognitive performance.* Poster presented at the 33rd Annual Meeting of the National Academy of Neuropsychology in San Diego, CA.

Musso M., Hill, B.D., Barker, A., Pella, R., & Gouvier, W.D. (2013). *Development and initial validation of the Malingered ADHD Scale of the Personality Assessment Inventory.* Poster presented at the 33rd Annual Meeting of the National Academy of Neuropsychology in San Diego, CA.

Boettcher, A., Hill, B. D., Womble, M., Kline, J., Corley, E. R., & Rohling, M. L. (2013). *Association between experimental measures of working memory ability and Concussion Vital Signs domains*. Poster presented at the 41st Annual Meeting of the International Neuropsychological Society in Waikoloa, HI.

Hill, B. D., Rohling, M. L., Boettcher, A., Kline, J., Hoadley, R., & Womble, M. (2013). *Positive linear relationship between traumatic brain injury severity and intra-individual variability across a neuropsychological battery*. Poster presented at the 41st Annual Meeting of the International Neuropsychological Society in Waikoloa, HI.

Hill, B. D., Boettcher, A., Cary, B., Kline, J., Womble, M., & Rohling, M. L. (2013). *Much ado about norming: A comparison of the Heaton demographically adjusted norms and Mitrushina meta-norms.* Poster presented at the 41st Annual Meeting of the International Neuropsychological Society in Waikoloa, HI.

Womble, M. N., Rohling, M. L., Hill, B. D., & Corley, E. R. (2012). *Group size effects for baseline and post-injury sports-related concussion assessment.* Poster presented at the 32nd Annual Meeting of the National Academy of Neuropsychology in Nashville, TN.

Womble, M. N., Rohling, M. L., Hill, B. D., & Corley, E. R. (2012). *Understanding change on ImPACT and CVS following a sports-related concussion.* Poster presented at the 32nd Annual Meeting of the National Academy of Neuropsychology in Nashville, TN.

Hill, B. D., Rohling, M. L., Wang, B., Womble, M. N., Gervais, R., & Greiffenstein, M. (2012). *Sensitivity and specificity of three symptom validity tests using a Bayesian latent class model for effort as a gold standard criterion*. Poster presented at the 32nd Annual Meeting of the National Academy of Neuropsychology in Nashville, TN.

Drayer, K., Rohling, M. L., Ploetz, D. M., Womble M. N., & Hill, B. D. (2012). *Validating a new memory measure: An experimental memory task.* Poster presented at the 32nd Annual Meeting of the National Academy of Neuropsychology in Nashville, TN.

Hill, B.D., Davis, J., O'Connor, K., Musso, M., Rehm-Hamilton, T., Ploetz, D., & Rohling, M.(2011). *Does the FrSBe index frontal hypoperfusion? A SPECT study utilizing MCI and dementia groups.* Poster presented at the 31th Annual Meeting of the National Academy of Neuropsychology in Marco Island, FL.

Rohling, M., Hill, B.D., Ploetz, D., Womble, M., & Shenesey, J. (2011). *Embedded validity measures for a computerized cognitive test battery.* Poster presented at the 31th Annual Meeting of the National Academy of Neuropsychology in Marco Island, FL.

Musso, M., Hill, B.D., & Jones, G.N. (2011). *Using the MoCA as a screen for HIV dementia in an urban sample.* Poster presented at the 31th Annual Meeting of the National Academy of Neuropsychology in Marco Island, FL.

Musso, M., Hill, B.D., & Jones, G.N. (2011). *Thought disorder subscale of the Personality Assessment Inventory as a measure of self-reported ADHD symptoms in college students.* Poster presented at the 31th Annual Meeting of the National Academy of Neuropsychology in Marco Island, FL.

Womble, M., Hill, B.D., Ploetz, D., Shenesey, J., Pella, R., Rohling, M., & Gouvier, W. (2011). *Application of a Mittenberg-type formula for identifying non-credible performance on the WJ-III.* Poster presented at the 9th Annual Meeting of the American Academy of Clinical Neuropsychology in Washington, D.C.

Rehm-Hamilton, T., Hill, B.D., Ploetz, D., Bodzy, M., & Holder, K. (2011). *Effects of self-reported anxiety and depressive symptoms on executive functioning in a child inpatient sample.* Poster presented at the 9th Annual Meeting of the American Academy of Clinical Neuropsychology in Washington, D.C.

Hill, B.D., Su, T., & Correia, S. (2010). *White matter integrity and working memory in mild cognitive impairment.* Poster presented at the 30th Annual Meeting of the National Academy of Neuropsychology in Vancouver, BC.

Hill, B.D., Tremont, G., Westervelt, H., Alosco, M., O'Connor, K., Ahearn, D., & Pella, R. (2010). *Are we missing vascular cognitive impairment (VCI)? Retrospective identification of a probable VCI profile in a memory clinic database.* Poster presented at the 30th Annual Meeting of the National Academy of Neuropsychology in Vancouver, BC.

Hill, B.D., Bodzy, M.E., Alosco, M.L., Shelton, J.T., Elliott, E.M., Westervelt, H.K., & Gouvier, W.D. (2010). *Contribution of working memory to estimated IQ varies among different WAIS-III 4-subtest short forms.* Poster presented at the 38th Annual Meeting of the International Neuropsychological Society in Acapulco, Mexico.

Hill, B.D., Musso, M., Pella, R.D., Barker, A., Proto, D., & Gouvier, W.D. (2009). *Base rate of neurocognitive impairment in young adults with low academic achievement.* Poster presented at the 29th Annual Meeting of the National Academy of Neuropsychology in New Orleans, LA.

Alosco, M., Hill, B.D., Emerson, K., Bauer, L., & Tremont, G. (2009). *How much variance does*

executive functioning account for in CVLT-II performance? A factor score approach. Poster presented at the 29th Annual Meeting of the National Academy of Neuropsychology in New Orleans, LA.

Minor, K.S., Jones, G.N., Stewart, D.W., Hill, B.D., Adams, C., Najolia G., & Vigna, J. (2009). *Comparing two measures of psychomotor performance in patients with HIV*. Poster presented at the 30th Annual Meeting of the Society of Behavioral Medicine in Montreal, Quebec, Canada.

Hill, B.D., Hines, L., Owens, T., & O'Jile, J.R. (2009). *The relation of depression and anxiety to measures of executive functioning in children and adolescents.* Poster presented at the 37th Annual Meeting of the International Neuropsychological Society in Atlanta, GA.

Hill, B.D., Pella, R.D., O'Jile, J.R., Gouvier, W.D., Okonkwo, O.C., Westervelt, H., Davis, J., & Tremont, G. (2009). *Are two factors better than one? Examining the validity of combining forward and backward digit spans*. Poster presented at the 37th Annual Meeting of the International Neuropsychological Society in Atlanta, GA.

Hill, B.D., Pella, R.D., Owens, T., & O'Jile, J.R. (2008). *Are we assessing executive functioning or IQ? A comparison of executive functioning measures in adolescents.* Poster presented at the 28th Annual Meeting of the National Academy of Neuropsychology in New York, NY.

Hines, L., Hill, B.D., & Golden, C. (2008). *Parietal functioning contributes more than frontal functioning to word pair learning in normal geriatrics.* Poster presented at the 28th Annual Meeting of the National Academy of Neuropsychology in New York, NY.

Swearingen, A.D., Hill, B.D., Anthony, K., Nakase-Richardson, R., Evans, C.C., & Yablon, S.A. (2008). *Acute confusion severity predicts supervision needs in adolescents after TBI.* Poster presented at the 10th Annual Rehabilitation Psychology Conference, Tucson, AZ.

Anthony, K., Swearingen, A.D., Nakase-Richardson, R., Evans, C.C., & Hill, B.D. (2008). *Prevalence of inappropriate sexual behavior after traumatic brain injury.* Poster presented at the 10th Annual Rehabilitation Psychology Conference, Tucson, AZ.

Hill, B.D., Pella, R., Jones, G., Garcie-Merrit, H., O'Jile, J.R., & Gouvier, W.D. (2008). *Confirmatory factor analysis of working memory, processing speed, and mathematic ability.* Poster presented at the 36th Annual Meeting of the International Neuropsychological Society, Waikoloa, HI.

Pella, R., Hill, B.D., & Gouvier, W.D. (2007). *Relationship of emotional functioning, intelligence, and attentional control.* Poster presented at the 27th Annual Meeting of the National Academy of Neuropsychology in Scottsdale, AZ.

Hill, B.D., Jones, G., Pella, R., Singh, A., & Gouvier, W.D. (2006). *The Wender Utah Rating Scale: ADHD/ADD diagnostic tool or personality index?* Poster presented at the 26th Annual Meeting of the National Academy of Neuropsychology in San Antonio, TX.

Hill, B.D., Shelton, J., Elliott, E., Calamia, M., & Gouvier, W.D. (2006). *The relationship between fluid intelligence and clinical vs. experimental measures of working memory.* Poster presented at the 26th Annual Meeting of the National Academy of Neuropsychology in San Antonio, TX.

Hill, B.D., Advokat, C., & Comaty, J. (2006). *The effect of first versus second generation antipsychotics on patient length of stay.* Poster presented at the 114th Annual Meeting of the American Psychological Association Convention in New Orleans, LA.

Shelton, J., Hill, B.D., Gouvier, W.D., & Elliott, E. (2006). *Laboratory versus psychometric assessment of working memory: Are we measuring the same thing?* Poster presented at the 47th Annual Meeting of the Psychonomic Society in Houston, TX.

Hill, B.D., Singh, A.N., Pella, R.D., Garcie-Merritt, H.R., & Gouvier, W.D. (2005). *What measures increase diagnostic accuracy in ADHD.* Poster presented at the 25th Annual Meeting of the National Academy of Neuropsychology in Tampa, Fl.

Pella, R.D., Hill, B.D., Singh, A.N., Garcie-Merritt, H.R., Stewart, H., & Gouvier, W.D. (2005). *Principal components analysis of popular neuropsychological attentional measures*. Poster presented at the 25th Annual Meeting of the National Academy of Neuropsychology in Tampa, Fl.

Singh, A.N., Pella, R.D., Hill, B.D., Schneider, J., Stewart, H., & Gouvier, W.D. (2005). *Are depression and anxiety related to intelligence and memory performance?* Poster presented at the 25th Annual Meeting of the National Academy of Neuropsychology in Tampa, Fl.

Schneider, J.J., Brennan, A., Hill, B.D., Stewart, H.A., Singh, A.N., Garcie, H., Pella, R.D., & Gouvier, W.D. (2005). *Estimating WAIS-III IQ with the BEST-3 approach*. Poster presented at the 25th Annual Meeting of the National Academy of Neuropsychology in Tampa, Fl.

Garcie, H., Schneider, J., Pella, R., Hill, B., Businelle, M., Brennan, A., & Gouvier, W. (2004). *Predictive value of common tests for ADHD.* Poster presented at the 24th Annual Meeting of the National Academy of Neuropsychology in Seattle, WA.

Schneider, J.J., Businelle, M., Holmes, J., Stewart, H., Hill, B., Garcie, H., Pella, R., Brennan, A., Jamhour, N., & Gouvier, W. D. (2004). *Comparison of three methods for estimating WAIS-III IQ with the Shipley Institute of Living Scale and the NAART.* Poster presented at the 24th Annual Meeting of the National Academy of Neuropsychology in Seattle, WA.

Schneider, J.J., Businelle, M., Holmes, J., Stewart, H., Jamhour, N., Brennan, A., Hill, B., Pella, R., Garcie, H., & Gouvier, W. D. (2004). *Estimating WAIS-III IQ with the Shipley Institute of Living Scale and the NAART: A replication and extension.* Poster presented at the 24th Annual Meeting of the National Academy of Neuropsychology in Seattle, WA.

Stewart, H. A., Schneider, J., Pella, R., Garcie, H., Hill, B., Brennan, B., & Gouvier, W. D. (2004). *Acceptance and Commitment Therapy with severe head injury.* Poster presented at the 24th Annual Meeting of the National Academy of Neuropsychology in Seattle, WA.

Hill, B.D. & Blumenthal, T.D. (2003). *Startle inhibition by vibrotactile prepulses: Further support for transient system involvement in PPI.* Poster presented at the 43nd Annual Meeting of the Society for Psychophysiological Research, Chicago, IL.

Hill, B.D. & Blumenthal, T.D. (2002). *Startle inhibition by vibrotactile prepulses: Support for transient system involvement in PPI.* Poster presented at the 42nd Annual Meeting of the Society for Psychophysiological Research, Washington, D.C.

Blumenthal, T.D., Carello, E.A., Hill, B.D., Hiott, F.B., Kardel, P., Mann, L., Ralston, T.E., White, M.P. & Flaten, M.A. (2002). *Interaction of abstinence and user history on caffeine and placebo effects.* Poster presented at the 42nd Annual Meeting of the Society for Psychophysiological Research, Washington, D.C.

RESEARCH EXPERIENCE

2024-present Intra-Individual Variability Workgroup

2023-present Diverse Vascular Contributions to Cognitive Impairment and Dementia, University of South Alabama Healthcare Site, Mobile, Alabama

2018-2022 Obesity Research Network, University of South Alabama, Mobile, Alabama

2013-2018 Core Investigator, Study to Understand Meta-Inflammation and Obesity (SUMO), University of South Alabama, Mobile, Alabama

2009-2010 Clinical Rater, Pharmaceutical Study Sponsored by Pfizer, Rhode Island Hospital, Providence, RI

2004-2007 Louisiana Economic Development Grant, Louisiana State University, Baton Rouge, LA

2005-2006 Disaster Research Team, Louisiana State University, Department of Psychology, Baton Rouge, LA

2004 Smoking Treatment/Obesity Prevention (STOP II) Grant, Pennington Biomedical Research Center, Baton Rouge, LA

TEACHING EXPERIENCE

2019-present **Full Professor, University of South Alabama, Mobile, AL**
Teaching graduate level Psychometrics, Cognitive Assessment, Clinical Neuropsychology, Psychopathology, History of Psychology, Professional Ethics, Personality Assessment, and Advanced Assessment/Forensic Psychology classes. Also supervise doctoral-level assessment and therapy practicums.

2016-2019 **Associate Professor, University of South Alabama, Mobile, AL**
Teaching undergraduate Introduction to Test and Measurement and Personality classes and graduate level Psychometrics, Cognitive Assessment, Clinical Neuropsychology, Personality Assessment, and Professional Ethics classes. Also supervise doctoral-level assessment and therapy practicums.

2010-2016 **Assistant Professor, University of South Alabama, Mobile, AL**
Teaching undergraduate Abnormal Psychology, and Personality classes and graduate level Psychometrics, Cognitive Assessment, Advanced Assessment, Clinical Neuropsychology, Personality Assessment, and Professional Ethics classes. Also supervise doctoral-level assessment and therapy practicums. Guest lecturer for graduate Psychopathology classes and Audiology doctoral program.

2009 -2010 **Adjunct Faculty, Rhode Island College, Providence, RI**

Taught undergraduate Drugs, Society, and Chemical Dependency class and Introduction to Psychology.

2008 **Clinical Interviewing Group Co-Leader, University of Mississippi Medical Center, Jackson, MS**
Co-taught class for medical students that focused on clinician/patient interactions, mental status exams, and psychiatric issues in interviewing.

2001-2003 **Teaching Assistant, Wake Forest University, Winston-Salem, NC**
Independently taught a weekly undergraduate Research Methods and Statistics laboratory meeting.

CLINICAL EXPERIENCE

2011-present **Clinical Neuropsychologist, Psychological Clinic, University of South Alabama, Mobile, AL**

2008-2010 **Clinical Neuropsychology Fellow, Neuropsychology Program, Warren Alpert Medical School of Brown University, Providence, RI**
Supervisors: Geoffrey Tremont, Ph.D., ABPP-CN, Holly Westervelt, Ph.D., ABPP-CN, and Jennifer Davis, Ph.D.

2008 **Behavioral Medicine Intern, Head Pain Center, University of Mississippi Medical Center, Jackson, MS**
Supervisor: Don Penzien, Ph.D.

2008 **Neuropsychology Intern, Neuropsychology Department, G.V. "Sonny" Montgomery VAMC, Jackson, MS**
Supervisor: Ted Bennett, Ph.D.

2007 **Neuropsychology Intern, Neuropsychology Laboratory, University of Mississippi Medical Center, Jackson, MS**
Supervisor: Judith R. O'Jile, Ph.D.

2007 **Neuropsychology Intern, Department of Neuropsychology, Quest Brain Injury Community-Reintegration Program, Jackson, MS**
Supervisors: Jim Irby, Ph.D., ABPP-CN, and Josephine Stouter, Ph.D.

2005-2007 **Neuropsychology Extern, Neuropsychology Service, Earl K. Long Medical Center, Baton Rouge, LA**
Supervisor: Wm. Drew Gouvier, Ph.D.

2006-2007 **Psychology Clinic Assistant, Family Therapy Clinic, Baton Rouge, LA**
Supervisor: Wm. Drew Gouvier, Ph.D.

2005-2006 **Adult Psychology Extern, Behavioral Medicine Practicum, Earl K. Long Medical Center, Baton Rouge, LA**
Supervisors: Phillip J. Brantley, Ph.D., and Glenn Jones, Ph.D.

2005 **Psychology Extern, Behavioral Support Unit, Villa Feliciana Medical Complex, Jackson, LA**

Supervisor: David Jackson, Ph.D.

2003-2005 **Psychology Extern, Psychological Services Center, Louisiana State University, Baton Rouge, LA**
Supervisors: Wm. Drew Gouvier, Ph.D., and Amy Copeland, Ph.D.

2003-2004 **Psychology Extern, Neuropsychology Service, Hammond Developmental Center, Hammond, LA**
Supervisor: Wm. Drew Gouvier, Ph.D.

CONSULTING

2010-present CNS Vital Signs, Morrisville, NC

2014-present Compensation and Pension Clinic, Gulf Coast VA, Biloxi, MS

2012-2018 American Health and Wellness Institute, Long Beach, CA

2015-present Matrix, Inc., Professional Police Psychology Corp., Baton Rouge, LA

2017-present Department of Human Resources (Mobile, Baldwin, and Conecuh Counties)

2018-2024 Comprehensive MedPsych Systems, Mobile, AL

2018-2022 Brennan Behavior Group, Metairie, LA

2022-present Federal Defenders, Inc., Mobile and Montgomery, AL

2024-present Ogden & Epker LLC, Mobile, AL

ADDITIONAL TRAINING EXPERIENCES

2016 Twelve Keys to Successful Grant Writing Workshop, University of South Alabama, Mobile, AL

2010 fMRI Bootcamp, Auburn MRI Research Center, Auburn University, Auburn, AL

2010 Advanced Psychometrics Methods in Cognitive Aging Conference, University of Washington Friday Harbor Laboratory, San Juan Island, WA

2010 FreeSurfer Workshop, Massachusetts General Hospital/MIT/Harvard Medical School, Athinoula A. Martinos Center for Biomedical Imaging, Boston, MA

2008-2010 Diffusion Tensor Imaging Training, Alpert Medical School of Brown University/Butler Hospital, Department of Psychiatry and Human Behavior, Providence, RI

2008 Motivational Interviewing Seminar, University of Mississippi Medical Center, Department of Psychiatry and Human Behavior, Jackson, MS

2007 Grant Writing Seminar, University of Mississippi Medical Center, Department of Psychiatry and Human Behavior, Jackson, MS

2007 Structural Imaging of the Brain Workshop, Organization for Human Brain Mapping Conference, Chicago, IL

2006-2007 Matrix, Inc., Professional Police Psychology Corp., Baton Rouge, LA

2006 APA Advanced Training Institute in fMRI, Massachusetts General Hospital/MIT/Harvard Medical School, Athinoula A. Martinos Center for Biomedical Imaging, Boston, MA

COMMITTEES AND SERVICE

2024-2025 Faculty Awards Committee (Chair), College of Arts and Sciences, University of South Alabama

2024-2025 Faculty Tenure Track Search Committee (Chair), Department of Psychology, University of South Alabama

2024-2025 Academic Curriculum Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama

2024-2025 Clinical Training and Practica Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama

2024-2025 Admissions Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama

2024 Faculty One Year Position Search Committee, Department of Psychology, University of South Alabama

2023-2024 Library Committee (Chair), Department of Psychology, University of South Alabama

2023-2024 Academic Curriculum Committee (Chair), Clinical-Counseling Psychology Doctoral Program, University of South Alabama

2023-2024 Tenure Committee (Chair), College of Arts and Sciences, University of South Alabama

2023-2024 Promotion Committee, College of Arts and Sciences, University of South Alabama

2023 Brain Health Task Force, National Academy of Neuropsychology

2021-2022 Faculty Search Committee (Chair), Department of Psychology, University of South Alabama

2021-2022 Sabbatical Committee (Chair), College of Arts and Sciences, University of South Alabama

2021-2022	Psychological Clinic Advisory Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2020-2021	Chair, Early Career Pilot Award Committee, Scientific Advisory Committee, Society for Clinical Neuropsychology, Division 40 American Psychological Association
2020-2021	Colloquium Committee (Chair), Department of Psychology, University of South Alabama
2020-2021	Subject Pool Committee, Department of Psychology, University of South Alabama
2020-2022	Clinical Training and Practica Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2020-2021	Faculty Student Relations Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2019-2021	Member-at-Large, Board of Directors, National Academy of Neuropsychology
2019-2020	Support and Development Awards Committee, College of Arts and Sciences, University of South Alabama
2019-2021	Communications Committee, Department of Psychology, University of South Alabama
2018-2019	Reviewer, Research and Scholarly Grant Program, Office of Research and Economic Development, University of South Alabama
2018-2020	Alzheimer's Association International Conference, Abstract Reviewer for Scientific Program Committee, Public Health and Psychosocial Workgroup
2018-2021	Scientific Advisory Committee, Society for Clinical Neuropsychology, Division 40 American Psychological Association
2018-2021	Colloquium Committee (Chair 2020-2021), Department of Psychology, University of South Alabama
2017-2018	Dean's Comprehensive Review Committee, College of Arts and Sciences, University of South Alabama
2017-2018	Graduate Academic Standards Committee, College of Arts and Sciences, University of South Alabama
2017-2018	Conference Committee, National Academy of Neuropsychology
2017-2020	Awards Committee, Society for Clinical Neuropsychology, Division 40 American Psychological Association
2017-2018	Diversity Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama

2017-2018	Experimental Faculty Search Committee, Joan M. Sinnott Chair, Department of Psychology, University of South Alabama
2017-2018	Subject Pool Committee, Department of Psychology, University of South Alabama
2016-2017	Expert Reviewer, Center for Clinical and Translational Sciences Partner Network Pilot Program, University of Alabama-Birmingham
2016-present	Promotion and Tenure Committee, Department of Psychology, University of South Alabama
2015-2017	Early Career Neuropsychologist Committee/Science Officer, Society for Clinical Neuropsychology, Division 40 American Psychological Association
2015-2022	Mobile Regional Board, Alabama Head Injury Foundation
2015-2016	Summer Professional Development Awards Committee, College of Arts and Sciences, University of South Alabama
2015-present	Academic Curriculum Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2014-2016	Assessment Committee, Department of Psychology, University of South Alabama
2014-2024	Space and Equipment Committee (Chair 2022-2023), Department of Psychology, University of South Alabama
2014-2015	Orientation and Retreat Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2013-2022	Executive Committee, Alabama Psychological Association
2013-2023	President, Mobile Area Psychologists
2013-present	Comprehensive Examination Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2013-2017	Clinical Research Grants Committee, National Academy of Neuropsychology
2013-2017	Assessment and Program Evaluation Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2013-present	Graduate Committee, Department of Psychology, University of South Alabama
2011-2015	Conference Poster Review Committee and Student Poster Judge, National Academy of Neuropsychology
2011-present	Admissions Committee (Chair 2011-2013, 2020-2021, 2022-2023), Clinical-Counseling Psychology Doctoral Program, University of South Alabama

2011-2013	Colloquium Committee (Chair), Department of Psychology, University of South Alabama
2010-present	Clinic Committee, Clinical-Counseling Psychology Doctoral Program, University of South Alabama
2010-2014	Assessment Committee, Department of Psychology, University of South Alabama
2010-2013	Graduate Academic Standards Committee, Department of Psychology, University of South Alabama
2010-2011	Psi Chi Committee, Department of Psychology, University of South Alabama
2004-2005	Clinical Training Committee-Student Representative, Department of Psychology, Louisiana State University
1997-1998	Dean's Advisory Committee, College of Natural and Applied Sciences, Psychology Department Representative, Coastal Carolina University

DISSERTATION COMMITTEES

2011-2012	**Brittany Escuriex (defended), topic:** Comparing state and trait mindfulness in body scan and progressive muscle relaxation exercises.
2011-2012	**Danielle Plotz (defended), topic:** Carving nature at the joints: A taxometric analysis of feigning.
2012-2013	**Melissa Womble (defended), topic:** Sports-related concussion: Examination of baseline and post-injury testing procedures and instruments. *Won NAN dissertation award.*
2013-2015	**Joshua Kline (defended, Chair), topic:** Cognitive intra-individual variability in a forensic sample with early historical lead (Pb) exposure: An initial study.
2013-2015	**Kelley Drayer (defended), topic:** The heart brain connection: A meta-analysis of cognitive deficits after coronary artery bypass graft (CABG).
2014-2016	**Anneliese Boettcher (defended, Chair), topic:** The relation of self-report pain scales to neuropsychological performance in chronic pain patients.
2015-2016	**Channing Sofko (defended, Chair), topic:** Neuropsychological cognitive intra-individual variability and resilient cognitive aging.
2015-2016	**Kelly Fields (defended, Chair), topic:** Teasing apart the roles of antisocial traits, intelligence, and working memory in juvenile delinquency.
2015-2017	**Katherine Russ (defended, Chair), topic:** Two are better than one: Development and validation of the TOMM as both a naming test and effort measure.

2015-2017 **Emily Corley (defended), topic:** A comparison of children with autism spectrum disorder to non-typically and typically developing children on the Behavior Assessment System for Children (BASC-2).

2017 **Oleg Medvedev (defended), topic:** Measuring mindfulness and health-related outcomes: Applying Rasch analysis and Generalisability Theory to improve reliability and validity of scales. *Outside examiner for the Auckland School of Technology, School of Public Health and Psychosocial Studies, Faculty of Health and Environmental Sciences.*

2017-2019 **Daniel K. McKelvey (defended), topic:** A graded response model analysis of the Male Role Norms Inventory – short form.

2018-2019 **Nicholas Stanley (defended), topic:** An auditory event-related potential investigation of informational and energetic masking effects on semantic processing: An aging and hearing loss study.

2018-2020 **Stephen Aita (defended, Chair), topic:** Neuropsychological intra-individual variability: Review and meta-analysis in clinical adult samples.

2019-2020 **Nicholas Borgogna (defended), topic:** A three-wave longitudinal test of the experiential avoidance model of problematic pornography viewing.

2019-2021 **Jameson Beach (defended, Chair), topic:** Investigation of the psychometric properties and construct validity of the Cognitive Health Questionnaire.

2019-2021 **Sarah Taylor (defended, Chair), topic:** The effect of medication on cognition: Information from a clinical sample using a semi-flexible battery of common neuropsychological tests

2020-2022 **Murphy Harrell (defended, Chair), topic:** How valuable are clinical neuropsychological assessments? A meta-analysis of neuropsychological tests with comparisons to common medical tests and treatments. *Won NAN dissertation award.*

2022-present **Melissa Myers (in progress, Chair), topic:** Chronic pain, motivation, and neuropsychological functioning: A meta-analysis.

2023-present **Jasmin Pizer (in progress, Chair), topic**: S.C.A.N.S.: SCD (Sickle Cell Disease) child and adolescent neurocognitive screening

2023-present **Nanako Hawley (in progress, Chair), topic:** An evaluation of cognitive intra-individual variability and biomarkers of neuropathology in a diverse sample

2024 **Quoc Cuong Truong (defended), topic:** Assessment of cognitive ageing: Applying generalisability theory, Rasch and network analyses to establish reliability and validity of measures. *Outside examiner for the University of Waikato, School of Psychology, Faculty of Arts and Social Sciences.*

THESIS COMMITTEES

2010-2013	**Laura Sprinkle (defended), topic:** The effects of age, reading level, and severity of ADHD on children's performance on the Word Memory Test.
2012-2013	**Anneliese Boettcher (defended, Chair), topic:** Survey of empirically based knowledge of concussion sequelae and return-to-play guidelines.
2013-2014	**Rachel Hoadley (defended, Chair), topic:** Cognitive intra-individual variability in ADHD and specific learning disorder.
2013-2014	**Katherine Russ (defended, Chair), topic:** The reliability of cognitive consistency: Cognitive intra-individual variability across two testing sessions in healthy and concussed samples.
2013-2014	**Emily Corley (defended, Chair), topic:** An examination of learning and memory performance in ADHD using the CVLT-II.
2014-2015	**Joshua Andrews (defended), topic:** Inhibition of newly learned non-words relative to existing semantic networks: How dynamic is the center-surround mechanism?
2017-2018	**Melissa Myers (defended), topic:** An introduction into the relationship between measures of physiological and cognitive intra-individual variability and the influence of anxiety.
2018	**Sarah Taylor (defended, Chair), topic:** Construct validity of the Mental Clutter Scale: An investigation into its factor structure, convergent validity and divergent validity.
2020	**Quoc Cuong Truong (defended), topic:** Applying generalisability theory to differentiate between trait and state in the Five Facet Mindfulness Questionnaire (FFMQ). *Outside examiner for the University of Waikato, School of Psychology, Faculty of Arts and Social Sciences.*
2021-2022	**Jasmin Pizer (defended, Chair), topic:** The neuropsychology of primary headache disorders: A meta-analysis.
2022	**Katherine Hernandez (defended), topic:** The relationship between attention and order errors in serial order memory.
2022-2023	**Boriana Lassiter (defended), topic:** Predicting suicide attempt history: Self-report and objective measures of pain
2023-2024	**Miranda Traylor (defended), topic:** Sex and age differences in near-infrared spectroscopy responses and the resulting influences on cognition.
2023-2024	**Paola Ascencio-Ortiz (in progress, Chair), topic:** Evaluation of the Structured Inventory of Malingered Symptomology in a forensic inpatient sample.
2024	**Ivan Campbell (defended, Chair), topic:** A-head of the game: A meta-analytic review of the neuropsychological and behavioral sequelae of Chronic Traumatic Encephalopathy.

MENTORED UNDERGRADUATE RESEARCH

2023-2024 **Kimberlyn Williams (SURF and Honors Thesis), topic:** Actuarial prediction of ADHD using neuropsychological data.

2021-2022 **Paola Ascencio-Ortiz (ABM first year project), topic:** Meta-analysis of efficacy of personality tests compared to medical tests.

2020-2021 **Ethan Hayes (SURF and Honors Thesis), topic:** Improving psychological pre-surgical evaluations for chronic back pain by developing an algorithm to predict positive surgical outcomes using neuropsychological data.

2017 **Rowland Burrell (SURF), topic:** Improving psychological pre-surgical evaluations: A follow-up study of surgical outcomes in chronic pain patients.

2017 **Molly Espenan (SURF), topic:** Pain catastrophizing predicted by emotional distress and neuropsychological status in chronic pain sample. **Selected for paper presentation.**

2015 **Jessica Comeaux (UCUR), topic:** The effect of chronic pain on emotional functioning.

2014 **Joshua Taylor (UCUR), topic:** A psychometric examination of pain scales commonly used in the management of chronic pain.

2014 **Jessica Comeaux (UCUR), topic:** Cognitive constructs relation to self-report pain scales.

2013 **Joshua Taylor (UCUR), topic:** Caregiver reaction to placement scale: A new instrument to assess caregiver emotional functioning following nursing home placement. **Voted best 2013 UCUR paper.**

2013 **Megan Roe (UCUR), topic:** The effect of physical exercise on cognitive intra-individual variability and moderation aspects of cognitive reserve.

2011 **Morgan Glussman (UCUR), topic:** Validity of embedded measures in a computerized cognitive assessment battery.

CONTRACTS AND FUNDED GRANTS

2010-2013 Funding for a graduate research assistant for the academic year, CNS Vital Signs, $20,000 per year.

2012 Summer professional development award. University of South Alabama, College of Arts and Sciences, $3,000.

2013-2024 Funding for a graduate clinical assistant, University of South Alabama, Athletic Department, $11,000 per year.

2014-2015 *Relation of cognitive intra-individual variability to meta-inflammatory biomarkers in bariatric surgery patients and controls.* USA Faculty Development Council Grant, $5,000 (funded).

2014 Faculty productivity grant, University of South Alabama, Office of Research and Sponsored Projects, class buyout.

2014-2015 Neuropsychological service delivery contract with funding for a graduate assistant, Gulf Coast VA, $126,000 (approved but not fully funded).

2015-2017 Funding for a graduate clinical assistant, Psychological Services of Mobile, $16,000 per year.

2023-2025 Predictors of Law Enforcement Officer Retention, Resignation, and Termination: A Mixed Methods Approach
Funding Agency: National Institute of Justice
Principal Investigators: Nicholas C. Borgogna and Benjamin D. Hill
Total Amount: $328,694.88
Direct Costs: $242,760.68
Indirect Costs: $85,934.20
Award# O-NIJ-2022-171247
Status: Not funded

2024-2026 Systematic Review and Meta-Analysis of Psychedelic Interventions for Mental Illness
Funding Agency: National Institute of Health
Principal Investigator: Nicholas C. Borgogna (Benjamin D. Hill Co-Investigator)
Total Amount: $116,186.65
Direct Costs: $79,947.97
Indirect Costs: $36,238.68
Award# PA-20-195
Status: Submitted

2023-2025 Funding for a graduate assistant for pre-surgical evaluations, Department of Neurosurgery, USA Health System, $30,000 per year.

2024-2024 Neuropsychological Intra-individual Variability in Traumatic Brain Injury: Evaluation of Biopsychosocial Contributors
Funding Agency: Fred Wright VA VISN1 Career Development Award
Role: Collaborator
Total Amount: $254,324

EDITORIAL EXPERIENCE

2024-present Editorial Board, *Journal of Psychology and AI*
2018-present Co-Editor-in-Chief, *Journal of Sport Behavior*
2018-present Editorial Board, *Applied Neuropsychology: Adult*
2016-2021 Consulting Editor, *The Clinical Neuropsychologist*
2014-present Editorial Board, *Journal of Attention Disorders*
2013-present Statistical Editor, *Mindfulness*
2013-2019 Associate Editor and Statistical Editor, *Journal of Child and Family Studies*

Ad Hoc Reviewer:
Aging and Mental Health
Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring
American Journal of Alzheimer's Disease & Other Dementias
Applied Neuropsychology: Child
Archives of Clinical Neuropsychology
Assessment
Brain Injury
Child Neuropsychology
Comprehensive Psychiatry
Contemporary Educational Psychology
Cortex
Educational Psychology
Environment International
European Journal of Developmental Psychology
European Journal of Psychological Assessment
Frontiers in Psychology
Headache: The Journal of Head and Face Pain
International Psychogeriatrics
Journal of Affective Disorders
Journal of the American Geriatrics Society
Journal of Communication Disorders
Journal of Child and Family Studies
Journal of Forensic Psychiatry and Psychology
Journal of Personality
Journal of Pediatric Infectious Diseases
Journal of Research in Personality
Journal of Rehabilitation Research & Development
Learning and Individual Differences
Mindfulness
Neuropsychology Review
Perceptual and Motor Skills
Personality and Individual Differences
Personality and Social Psychology Bulletin
PLOS One
The Clinical Neuropsychologist

REFERENCES

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Holly K. Westervelt, Ph.D., ABPP-CN
Assistant Professor
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Vanderbilt University Medical Center
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