

**Karen Blackmon, Ph.D., ABPP-CN**  
Board-Certified Clinical Neuropsychologist

**OFFICE ADDRESS**

Dartmouth Hitchcock Medical Center  
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Lebanon, New Hampshire  
University Email: Karen.E.Blackmon@dartmouth.edu

**EDUCATION**

|           |                           |                                                   |
|-----------|---------------------------|---------------------------------------------------|
| 2003-2008 | Ph.D. Clinical Psychology | New School for Social Research (APA accredited)   |
| 2001-2007 | M.A. Psychology           | New School for Social Research, New York, NY      |
| 1993-1998 | B.A. Psychology           | Goucher College, Baltimore, MD                    |
|           |                           | Distinction, Honors in Psychology, Phi Beta Kappa |

**ACADEMIC APPOINTMENTS**

|                  |                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 7/2024 - current | Associate Professor, Dartmouth Geisel School of Medicine, Dartmouth-Hitchcock Medical Center, Department of Psychiatry, New Hampshire, USA |
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**PAST ACADEMIC APPOINTMENTS**

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|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/2020 - 6/2023  | Associate Professor, Vice Chair of Research, Department of Psychiatry and Psychology, Mayo Clinic, Jacksonville, Florida                              |
| 12/2019 - 3/2020 | Associate Professor, St George's University School of Medicine, Department of Physiology, Neuroscience, and Behavioral Sciences, Grenada, West Indies |
| 7/2016 - 11/2019 | Assistant Professor, St George's University School of Medicine, Department of Physiology, Neuroscience, and Behavioral Sciences, Grenada, West Indies |
| 2/2013 - 2/2018  | Assistant Professor, Department of Neurology, New York University School of Medicine, New York, NY                                                    |
| 9/2010 - 1/2013  | Senior Research Scientist, Department of Psychology, New York University School of Arts and Science, New York, NY, USA                                |

**OTHER ACADEMIC APPOINTMENTS**

|                  |                                                                                           |
|------------------|-------------------------------------------------------------------------------------------|
| 6/2023 - current | Visiting Scientist, Brain and Mind Institute, Aga Khan University, Nairobi, Kenya         |
| 8/2015- 9/2015   | Visiting Professor, University of Trento, Center for Mind/Brain Sciences, Rovereto, Italy |

## **POSTDOCTORAL FELLOWSHIP**

7/1/2008- 8/30/2010 Clinical Neuropsychology Fellowship, New York University Langone Medical Center, Director of Training: William B. Barr, Ph.D., ABPP(CN)

## **PREDOCTORAL INTERNSHIP**

7/1/2007 – 6/30/2008 Neuropsychology Intern  
University of Arizona College of Medicine (APA accredited)  
Internship Director: Ann M. Herring, Ph.D., ABPP(CN)

## **AWARDS AND HONORS**

2018 Laird S. Cermak Award Recipient, International Neuropsychological Society  
2013 Grass Young Investigator Award; The Grass Foundation and American Epilepsy Society  
2010 Best Abstract in Postdoctoral Category, 2nd Annual Sackler Institute Research Symposium  
2007 Student Presentation Award, APA 9th Annual Rehabilitation Psychology Conference  
2006 New School for Social Research: Dissertation Fellowship Award  
2003 New School for Social Research: University Fellowship Award  
1997 Eastern Psychological Association's Annual Undergraduate Presentation Award, First Place  
1995 National Security Education Program Boren Scholarship for Study Abroad, Kenya, Africa  
Languages studied: *Swahili*; Thesis topic: *Urban versus Rural Approaches to Mental Health*

## **LICENSURE**

2010-current New York State Licensed Clinical Psychologist #018907  
2020-current Florida State Licensed Clinical Psychologist #10707  
2023-current New Hampshire Licensed Clinical Psychologist #1674

## **BOARD CREDENTIALING**

2021 Board Certified in Clinical Neuropsychology by the American Board of Professional Psychology  
2020 Credentialed by the US National Register for Health Service Psychologists (2020)

## **CERTIFICATIONS AND TRAININGS**

2025 Global Burden of Disease Collaborator, Institute for Health Metrics and Evaluation  
2020 HOBSCOTCH Memory Coach Certification Course, Dartmouth Geisel School of Medicine  
2019 International Ombudsman Association, Foundations Course, Albuquerque, New Mexico  
2018 BioSignal Group, Pediatric EEG Field Application Course, Grenada, West Indies  
2018 Intergrowth-21 Neurodevelopmental Assessment Tool Administration, Grenada, West Indies  
2013 ILAE Neuropathology of Epilepsy School, Erlangen, Germany  
2012 Harvard & Martinos Center for Biomedical Imaging, Multimodal Imaging Course, Boston, MA  
2011 Oxford University FMRIB Advanced Neuroimaging Analysis School, Heidelberg, Germany

## **SPECIALIZED CLINICAL PROCEDURES**

- Intracarotid Amobarbital/Brevital Procedure (Wada Test)
- Intra-/Extra-operative Brain Mapping (NeuroMapper trained by David Sabsevitz, PhD, ABPP-CN)

## **LEADERSHIP**

2022-2023 Vice Chair of Research, Department of Psychology and Psychiatry, Mayo Clinic Florida

## **ETHICS TRAINING AND SERVICE**

2019-2020 Ombudsman, St George's University, Grenada, West Indies  
2017-2020 IRB Member, St George's University, Grenada, West Indies

## **TEACHING EXPERIENCE**

2017-2022 Assistant/Associate Professor; Teaching Faculty  
St Georges University School of Graduate Studies, Grenada, West Indies  
Masters in Community and Clinical Psychology, School of Graduate Studies  
Course: Psychological Assessment

2016-2020 Assistant/Associate Professor, St Georges University, Department of Physiology, Neuroscience, and Behavioral Sciences, Grenada, West Indies  
School of Medicine Neuroscience Lectures: Neurodevelopment, Emotions, Memory, Language, Consciousness, Biorhythms, Sleep, Stress  
School of Medicine Behavioral Science Lectures: Physician-Patient Relationship, Medical Interviewing, Human Development, Behavioral Medicine, Cognitive-Behavioral Therapy

Fall 2006 Teaching Fellow  
Eugene Lang College, New York, NY  
Course: Motivation and Emotion  
This teaching fellowship provided support in curriculum development, learner assessment, teaching skills, and administrative skills.

2004-2007 Teaching Assistant  
New School for Social Research, New York, NY  
Courses: Introduction to Cognitive Neuroscience, Biological Basis for Childhood, Psychopathology, Clinical Neuropsychology, Diagnostic Assessment, Psychopathology

## **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

International Neuropsychological Society  
American Academy of Clinical Neuropsychology  
National Academy of Neuropsychology  
Alzheimer's Association ISTAART Member

## **GOVERNANCE**

International Neuropsychological Society Board of Directors, Member At Large (2022-2025)  
Chair, International Neuropsychological Society Strategic Planning Task Force (2024-2025)  
The Caribbean Center for Child Neurodevelopment, Board Member (2022-2025)

## **GRANT REVIEWER**

Wellcome Trust  
Global Brain Health Institute

## **EDITORIAL BOARDS**

Epilepsy and Behavior (2015-2019)  
Guest Editor for Special Issue of Epilepsy and Behavior on Autism and Epilepsy (2015)  
Epilepsy and Behavior Reports (2022-current)  
Frontiers in Neurology, Review Editor, Epilepsy Section (2023-current)

## **AD HOC JOURNAL REVIEWER**

Brain, Neuroimage, American Journal of Neuroradiology, Epilepsy and Behavior, Epilepsy and Behavior Reports, Epilepsia, Neurobiology of Aging, Journal of Neuroscience, Journal of Neurology, Neurosurgery, and Psychiatry, Neuropsychanalysis, Cerebral Cortex, Cortex, Social Cognitive Affective Neuroscience (SCAN), Cognitive and Behavioral Neurology, PLOS Neglected Tropical Diseases, Archives of Childhood Diseases, Neuropsychology, Viruses, Alzheimer's & Dementia

## **PROFESSIONAL CONFERENCE PLANNING COMMITTEE**

International Neuropsychological Society Annual Meeting, San Diego, U.S.A. 2023  
Healing the Brain and Bridging the Gap in Low and Middle Income Countries, Nairobi, Kenya 2023  
International Neuropsychological Society Annual Meeting, New York, U.S.A. 2024  
International Neuropsychological Society Annual Meeting, New York, U.S.A. 2025

## **GLOBAL NEUROSCIENCE WORKGROUPS AND DATA SHARING INITIATIVES**

ENIGMA Epilepsy (2014-2022)  
ENIGMA Africa (2025-current)  
World Health Organization Dementia Diagnosis Working Group (2025-current)  
Zika Virus Individual Participant Data Consortium, Data Harmonization and Clinical Outcomes Working Groups (2018-2025)  
Institute for Health Metrics and Evaluation (IHME) Brain Health Collaborative, Collaborative Analytics Working Group (2023-present)  
Davos Alzheimer's Collaborative CEOi's Digital Cognitive Assessments Workgroup (2023-present)

## **CURRENT FUNDING**

Project Title: Brain Health Navigator

Funding Agency: Davos Alzheimer's Collaborative - System Preparedness

*This project aims to develop and pilot a brain health navigator program that can be deployed across U.S. health systems.*

Principal Investigators: Karen Blackmon, Ph.D., & Dax Volle, M.D.

Time period: January 2025 – December 2025

Amount: \$100,000 USD

Project Title: Biopsychosocial Determinants of Resilient Aging in Kenya

Funding Agency: Wellcome Trust

*This project aims to identify biopsychosocial factors that contribute to accelerated brain aging in Kenyan adults. We predict that brain aging is a dynamic process with periods of stress-related vulnerability, that can be identified using neuroimaging, behavioral sensing, and multi-omic methodologies. Results will inform the development of precision interventions to rescue healthy aging in at-risk adults.*

Principal Investigators: Chinedu Udeh-Momoh, Ph.D., Karen Blackmon, Ph.D., & Mansoor Saleh, M.D.

Time period: September 2023 - August 2026

Amount: \$2,998,193.14 USD

Project Title: Dementia Prevention Beliefs, Knowledge, and Behaviors among Kenyan Adults

Funding Agency: Aga Khan University Research Council

*This project aims to collect data from the general adult population in Nairobi about dementia risk reduction and lifestyle behaviors.*

Principal Investigator: Karen Blackmon, Ph.D.

Time period: October 2023 – August 2025

Amount: \$14,000 USD

Project Title: Cultural Adaptation and Validation of Cognitive Tests and Biomarkers in People with Dementia at AKU Hospital, Nairobi

Funding Agency: Davos Alzheimer's Collaborative (DAC)

*This project aims to validate a set of novel digital cognitive tests and plasma biomarkers for detection of dementia in Kenyan adults. It will involve collaboration with community advisory boards and people with lived experience of dementia to strengthen community engagement in research, as well as the cultural validity of measurement tools.*

Principal Investigators: Chinedu Udeh-Momoh, Ph.D., & Karen Blackmon, Ph.D.

Time period: July 2023 - December 2025

Amount: \$394,306 USD

Project Title: Female Brain Health and Endocrine Research in Africans

Funding Agency: Alzheimer's Association

*This project will assess sex/gender differences in bio-psychosocial determinants of Alzheimer's Disease (AD)-related brain health outcomes within and between indigenous and diasporic populations of African ancestry and across the AD clinical continuum.*

Principal Investigators: Chinedu Udeh-Momoh, Ph.D. & Tamlyn Watermeyer, Ph.D.

Role: Co-Investigator

Time period: January 2024 - December 2025

Amount: \$199,834 USD

Project Title: A Multi-National Collaboration towards Implementation of Culturally Appropriate Multimodal Brain Health Promotion Strategies in Sub-Saharan Africa (The AFRICA-FINGERS Project)

Funding Agency: Medical Research Council

*This project will culturally adapt and implement an evidence-based multi-modal lifestyle intervention to reduce dementia risk in Kenya and Nigeria.*

Principal Investigators: Chinedu Udeh-Momoh, Ph.D. & Mia Kivipelto, M.D.

Role: Co-Investigator

Time Period: January 202 – December 2030

Amount: \$1,594,504.00 USD

Project Title: Bridging Research Infrastructure for Dementia Gaps in East Africa (BRIDGE-AFRICA)

Funding Agency: NIH UG3 AG090679

This project aims to create deeply phenotyped, population representative cohorts of older adults in Ethiopia and Kenya in preparation for multi-domain interventions to prevent Alzheimer's disease and related dementias.

Principal Investigators: Victor Valcour; Elena Tsoy; Yared Zewde, Y; Chinedu Udeh-Momoh

Role: Co-Investigator

Time Period: 11/2024 – 10/2030

Amount: \$1,514,978 USD

## **PAST FUNDING**

Project Title: Harmonized Cognitive Assessment Protocol for Underserved Areas

Funding Agency: Global Brain Health Institute

*This project aims to capture normative data in Kenyan adults for a select set of digital cognitive tests and strengthen infrastructure for research in neurodegenerative disorders.*

Principal Investigators: Chinedu Udeh-Momoh, Ph.D., & Karen Blackmon, Ph.D.

Time period: July 2023-April 2025

Amount: \$40,123 USD

Project Title: Establishing the Psychometric Properties of the Grenada Learning and Memory Scale (GLAMS) in a Preschool Population.

Funding Agency: Matthews International Neuropsychological Clinical Service Development Fund

*This project established the psychometric properties of a novel pediatric learning and memory scale in Grenadian children between the ages of 3 and 5 years old.*

Principle Investigator: Roberta Evans, M.S.

Role: Co-Investigator/Mentor

Time period: July 2022-June 2023

Project Title: Distinct Neurocognitive Profiles in Patients Recovering from COVID-19

Funding Agency: Mayo Clinic Research Accelerator for Clinicians Engaged in Research Program (RACER)

*This project identified distinct cognitive profiles and longitudinal recovery trajectories in patients recovering from COVID-19.*

Role: Principle Investigator

Time Period: 2/17/22-12/31/22

Project Title: Strengthening Capacity for Neuropsychological Assessment in the English-Speaking Caribbean

Funding Agency: Matthews International Neuropsychological Society Development Fund

*This project supported a 2-day workshop for regional stakeholders with interest in strengthening capacity for neuropsychological assessment in the Caribbean.*

Principle Investigator: Roberta Evans, M.S.

Role: Co-Investigator/Mentor

Time Period: March 2022

NIH R21HD093551-01

Project Title: Rescuing Neurodevelopment in Zika Exposed Children

Funding Agency: National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development

*This RCT showed efficacy of an early intervention program to improve developmental outcomes at 2 years of age in children with and without in utero exposure to the Zika virus.*

Principle Investigators: Randall Waechter, PhD, Barbara Landon, PsyD, Michelle Fernandes, M.D.

Role: Co-Investigator

Time Period: 9/1/2018-8/31/2020

USAID AID-OAA-A-14-00028

Project Title: Tracking Neurodevelopment in Zika Exposed Children

Funding Agency: U.S. Agency for International Development

*This project evaluated physical and neuropsychological functions in 1-year-old children with and without in utero exposure to the Zika virus.*

Principle Investigator: Desiree LaBeaud, M.D.

Role: Co-Investigator

Time Period: 3/15/2018-2/28/2019

Project Title: Zika and Neurodevelopment Among Infants in Grenada: Epilepsy Surveillance

Funding Agency: SGU Small Research Grant Initiative GSP-SRGI-18009

*The aim of this study was to develop an epilepsy surveillance protocol and test its feasibility and tolerability in children with and without in utero exposure to the Zika virus.*

Role: Principal Investigator

Time Period: 9/1/2018-12/1/2019

Project Title: Neuroimaging markers of brain malformations in a 16p11.2 cohort

Funding Agency: Simons Foundation

Award: Simons Foundation Autism Research Initiative

*This project established that copy number variants in the 16p11.2 regions are associated with speech/language impairment and focal cortical anomalies in left perisylvian cortex.*

Principle Investigators: Orrin Devinsky, M.D., Karen Blackmon, Ph.D.

Time Period: 5/1/2014-4/30/15

Project Title: Hyperfamiliarity in Temporal Lobe Epilepsy: Development of a Scale

Funding Agency: Finding a Cure for Epilepsy and Seizures

*This project established the psychometric properties of a novel hyperfamiliarity scale.*

Principle Investigator: Karen Blackmon, Ph.D.

Time Period: 9/1/14 – 2/1/16

Project Title: Neuroimaging Features of Cognitive Impairment in Focal Cortical Dysplasia

Funding Agency: Epilepsy Foundation

Award: Targeted Research Initiative for Cognitive and Psychiatric Aspects of Epilepsy

Principle Investigator: Karen Blackmon, Ph.D.

Time Period: 7/1/2013-6/31/15

Project Title: Cognitive and Behavioral Function in Epilepsy: Understanding Mechanisms and Resilience

Funding Agency: Morris and Alma Schapiro Foundation

Principle Investigator: Orrin Devinsky, M.D.

Role: Co-Investigator

Time Period: 3/1/2013-3/1/2015

## **ORIGINAL PEER-REVIEWED ARTICLES**

Udeh-Momoh CT, Migeot J, **Blackmon K**, Mielke MM, Melloni M, Cox L, Yaffe K, Santamaria-Garcia H, Stern Y, Ibanez A. Resilience and brain health in global populations. *Nat Med.* 2025 Jul 29. doi: 10.1038/s41591-025-03846-w. Epub ahead of print. PMID: 40731089.

Zika Virus Individual Participant Data Consortium. Adverse fetal and perinatal outcomes associated with Zika virus infection during pregnancy: an individual participant data meta-analysis. *EClinicalMedicine.* 2025 May 8;83:103231. doi: 10.1016/j.eclinm.2025.103231. PMID: 40630619; PMCID: PMC12235389.

Bosire EN, **Blackmon K**, Kamau LW, Udeh-Momoh C, Sokhi D, Shah J, Mbugua S, Muchungi K, Meier I, Narayan V, Nesic O, Merali Z. Healthcare providers perspectives and perceptions of dementia diagnosis and management at the Aga Khan University Hospital, Nairobi, Kenya. *J Alzheimers Dis.* 2025 Apr;104(3):862-874. doi: 10.1177/13872877251320411. Epub 2025 Mar 2. PMID: 40025713.

Omurtag A, Abdalbaki S, Thesen T, Waechter R, Landon B, Evans R, Dlugos D, Chari G, LaBeaud AD, Hassan YI, Fernandes M, **Blackmon K**. Disruption of functional network development in children with prenatal Zika virus exposure revealed by resting-state EEG. *Sci Rep.* 2025 Feb 21;15(1):6346. doi: 10.1038/s41598-025-90860-0. PMID: 39984594; PMCID: PMC11845516.

Mostert CM, Mekkaoui NE, Ali S, Trepel D, Randcord K, Udeh-Momoh C, Nesic O, **Blackmon K**, Karanja M, Thesen T, Andai D, Ayadi R, Eyre H, Merali Z. Investing in equitable healthy aging: Why Africa must reform social pension schemes to improve Alzheimer's disease and dementia outcomes. *Alzheimers Dement.* 2025 Feb;21(2):e14527. doi: 10.1002/alz.14527. Epub 2025 Jan 27. PMID: 39868495; PMCID: PMC11851126.

Udeh-Momoh CT, Maina R, Anazodo UC, Akinyemi R, Atwoli L, Baker L, Bassil D, **Blackmon K**, Bosire E, Chemutai G, Crivelli L, Eze LU, Ibanez A, Kafetsouli D, Karikari TK, Khakali L, Kumar M, Lengyel I, de Jager Loots CA, Mangialasche F, Mbugua S, Merali Z, Mielke M, Mostert C, Muthoni E, Nesic-Taylor O, Ngugi A, Nguku S, Ogunniyi A, Ogunyemi A, Okonkwo OC, Okubadejo N, Perneczky

R, Peto T, Riang'a RM, Saleh M, Sayed S, Shah J, Shah S, Solomon A, Thesen T, Trepel D, Ucheagwu V, Valcour V, Waa S, Watermeyer T, Yokoyama J, Zetterberg H, Kivipelto M; Africa-FINGERS Study Team. Dementia risk reduction in the African context: Multi-national implementation of multimodal strategies to promote healthy brain aging in Africa (the Africa-FINGERS project). *Alzheimers Dement*. 2024 Dec;20(12):8987-9003. doi: 10.1002/alz.14344. Epub 2024 Nov 7. PMID: 39511921; PMCID: PMC11667543.

**Blackmon K**, Evans R, Mohammed L, Burgen KS, Ingraham E, Punch B, Isaac R, Murray T, Noel J, Belmar-Roberts C, Waechter R, Landon B. The Grenada Learning and Memory Scale: Psychometric features and normative data in Caribbean preschool children. *J Int Neuropsychol Soc*. 2024 Oct 1:1-11. PMID: 39350676.

Thesen T, Marrero WJ, Konopasky AJ, Duncan MS, **Blackmon KE** (2024). Towards precision well-being in medical education. *Med Teach*. May 29:1-5. doi: 10.1080/0142159X.2024.2357279. Epub ahead of print. PMID: 38808734.

Drane DL, Hewitt KC, Price ME, Rush BK, **Blackmon K**, Okada N, Shade T, Valentin E, Vinson J, Rosen P, Loring DW (2024). Case study of invalid to valid shift in cognitive performance following successful treatment of psychogenic nonepileptic seizure events. *J Clin Exp Neuropsychol*. Mar 27:1-15. doi: 10.1080/13803395.2024.2335600. Epub ahead of print. PMID: 38533868.

Tshimbombu TN, Shin M, Thesen T, Mesu'a Kabwa L, **Blackmon K**, Kashama JMKW, Jobst BC, Fontaine D, Olarinde I, Okitundu-Luwa E-Andjafono D (2024). Review of epilepsy care in the Democratic Republic of the Congo. *Epilepsia Open*. Apr;9(2):467-474. doi: 10.1002/epi4.12904. Epub 2024 Jan 20. PMID: 38243880; PMCID: PMC10984300.

Mostert CM, Nesic O, Udeh-Momoh C, Khan M, Thesen T, Bosire E, Trepel D, **Blackmon K**, Kumar M, Merali Z (2023). Who should pay the bill for the mental health crisis in Africa? *Public Health in Practice*, Volume 7, 100458, ISSN 2666-5352, <https://doi.org/10.1016/j.puhip.2023.100458>.

Koay JM, Sabsevitz DS, Ritaccio A, Feyissa AM, Tatum W, **Blackmon K** (2023). Is preserved consciousness during seizures associated with quality of life among patients with drug-resistant epilepsy? *Epilepsy Behav*. Dec 13;150:109585. doi: 10.1016/j.yebeh.2023.109585. Epub ahead of print. PMID: 38096662.

Prabhakaran D, Day GS, Munipalli B, Rush BK, Pudalov L, Niazi SK, Brennan E, Powers HR, Durvasula R, Athreya A, **Blackmon K** (2023). Neurophenotypes of COVID-19: risk factors and recovery outcomes. *Brain Behavior Immunity Health* 30:100648. PMID: 37293441.

Fernandes M, Evans R, Cheng M, Landon B, Noel T, Macpherson C, Cudjoe N, Burgen KS, Waechter R, LaBeaud AD, **Blackmon K** (2023). Does intra-uterine exposure to the Zika virus increase risks of cognitive delay at preschool ages? Findings from a Zika -exposed cohort from Grenada, West Indies. *Viruses* 15(6):1290. PMID: 37376590.

Freund BE, Sanchez-Boluarte SS, **Blackmon K**, Day GS, Lin M, Khan A, Feyissa AM, Middlebrooks EH, Tatum WO 4<sup>th</sup> (2023). The incidence and risk factors associated with seizures in cerebral amyloid angiopathy. *Eur J Neurol*. May 31. doi: 10.1111/ene.15903. Epub ahead of print. PMID: 37255322.

Koay JM, **Blackmon KE**, Middlebrooks EH, Quinones-Hinojosa A, Chaichana KL, Feyissa AM, Grewal SS, Sabsevitz DS (2022). Examining the role of the uncinate fasciculus in proper noun naming: awake brain tumor resections and stereo EEG targeted electrical stimulation multiple case study. *Neurocase*. 22:1-9. PMID: 36548912.

**Blackmon K**, Day GS, Powers HR, Bosch W, Prabhakaran D, Woolston D, Pedraza O (2022) Neurocognitive Screening in Patients Following SARS-CoV-2 Infection: Tools for Triage. *BMC Neurol*. 22(1):285. PMID: 35907815.

Fernandes M, Ayede AI, **Blackmon K** (2022). Addressing racial inequities in neuropsychological assessment requires international prescriptive standards, not demographically adjusted norms. *Nat Rev Neurol*. 18(6):377. doi: 10.1038/s41582-022-00652-7. PMID: 35354981.

Waechter R, Burgen KS, Punch B, Evans R, **Blackmon K**, Noël T, Fernandes M, Landon B (2022). Improving neurodevelopment in Zika-exposed children: A randomized controlled trial. *PLoS Negl Trop Dis*. 16(3):e0010263. doi: 10.1371/journal.pntd.0010263. PMID: 35259172.

**Blackmon K**, Evans R, Fernandes M, Landon B, Noel T, Macpherson C, Cudjoe N, Burgen KS, Punch B, Krystosik A, Grossi-Soyster EN, LaBeaud AD, Waechter R (2021). Neurodevelopment in normocephalic children with and without prenatal Zika virus exposure. *Archives of Diseases in Childhood* 107(3): 244–250. PMID: 34479857.

Altmann A,...**Blackmon K**...; ENIGMA-Epilepsy Working Group, Leu C, Avbersek A; EpiPGX Consortium, Thom M, Whelan CD, Thompson P, McDonald CR, Vezzani A, Sisodiya SM (2021). A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. *Neuropathol Appl Neurobiology* 48(1):e12758. PMID: 34388852.

Gleichgerricht E, ... **Blackmon K**,...Thompson PM, Sisodiya SM, McDonald CR, Bonilha L; ENIGMA-Epilepsy Working Group (2021). Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. *Neuroimage Clinical* 31:102765. PMID: 34339947.

LeMonda BC, MacAllister W, Morrison C, Vaurio L, **Blackmon K**, Maiman M, Liu A, Liberta T, Barr WB (2020). Is formal scoring better than just looking? A comparison of subjective and objective scoring methods of the Rey Complex Figure Test for lateralizing temporal lobe epilepsy. *Clin Neuropsychology* 27:1-16. doi: 10.1080/13854046.2020.1865461. Epub ahead of print. PMID: 33356888.

**Blackmon K**, Waechter W, Landon B, Noël T, Macpherson C, Donald T, Cudjoe N, Evans R, Burgen KS, Jayatilake P, Oyegunle V, Pedraza O, Abdel Baki SG, Thesen T, Dlugos D, Chari G, Patel AA, Grossi-Soyster EN, Krystosik AR, LaBeaud AD (2020). Epilepsy surveillance in normocephalic children with and without prenatal Zika virus exposure. *PLOS Neglected Tropical Diseases* Nov 30;14(11):e0008874. doi: 10.1371/journal.pntd.0008874.

Jayatilake P, Oyegunle V, Waechter R, Landon B, Fernandes M, Cudjoe N, Evans R, Noël T, Macpherson C, Donald T, Abdel Baki SG, Mandalaneni K, Dlugos D, Chari G, Patel AA, Grossi-Soyster EN, LaBeaud AD, **Blackmon K** (2020). Focal epilepsy features in a child with Congenital Zika Syndrome. *Epilepsy and Behavior Reports*. Nov 25;14:100411. doi: 10.1016/j.ebr.2020.100411.

**Blackmon K**, Barr WB, Morrison C, MacAllister W, Kruse M, Pressl C, Wang X, Dugan P, Liu AA, Halgren E, Devinsky O, Thesen T (2019) Cortical gray-white matter blurring and declarative memory impairment in MRI-negative temporal lobe epilepsy. *Epilepsy and Behavior* 97:34-43

Hakimi M, Ardekani BA, Pressl C, **Blackmon K**, Thesen T, Devinsky O, Kuzniecky RI, Pardoe HR (2019) Hippocampal volumetric integrity in mesial temporal lobe epilepsy: A fast novel method for analysis of structural MRI. *Epilepsy Research* 154:157-162.

Vikbladh OM, Meager MR, King J, **Blackmon K**, Devinsky O, Shohamy D, Burgess N, Daw ND (2019) Hippocampal Contributions to Model-Based Planning and Spatial Memory. *Neuron* 102(3):683-693.

Inhoff MC, Heusser AC, Tambini A, Martin CB, O'Neil EB, Köhler S, Meager MR, **Blackmon K**, Vazquez B, Devinsky O, Davachi L (2019) Understanding perirhinal contributions to perception and memory: Evidence through the lens of selective perirhinal damage. *Neuropsychologia* 124:9-18.

Pressl C, Brandner P, Schaffelhofer S, **Blackmon K**, Dugan P, Holmes M, Thesen T, Kuzniecky R, Devinsky O, Freiwald WA (2019) Resting state functional connectivity patterns associated with pharmacological treatment resistance in temporal lobe epilepsy. *Epilepsy Research* 149:37-43.

Whelan C...**Blackmon K**...Sisodiya S (2018) Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. *Brain* 141(2):391-408.

Wills J, Feldman Hall O, Meager MR, Van Bavel JJ; **NYU PROSPEC Collaboration** (2018). Dissociable contributions of the prefrontal cortex in group-based cooperation. *Social Cognitive Affective Neuroscience* 13(4):349-356.

**Blackmon K**, Thesen T, Green S, Ben-Avi E, Wang X, Fuchs B, Kuzniecky R, Devinsky O. (2018) Focal Cortical Anomalies and Language Impairment in 16p11.2 Deletion and Duplication Syndrome. *Cerebral Cortex* 28(7):2422-2430.

Green S, **Blackmon K**, Thesen T, DuBois J, Wang X, Halgren E, Devinsky O (2018) Parieto-frontal gyrification and working memory in healthy adults. *Brain Imaging and Behavior* 12(2):303-308.

Pardoe HR, Cole JH, **Blackmon K**, Thesen T, Kuzniecky R; Human Epilepsy Project Investigators (2017) Structural brain changes in medically refractory focal epilepsy resemble premature brain aging. *Epilepsy Research* 133:28-32.

Reyes A, Thesen T, Kuzniecky R, Devinsky O, McDonald CR, Jackson GD, Vaughan DN, **Blackmon K** (2017) Amygdala enlargement: Temporal lobe epilepsy subtype or nonspecific finding? *Epilepsy Research* 132:34-40.

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**Blackmon K**, Kuzniecky R, Barr WB, Snuderl M, Doyle W, Devinsky O, Thesen T (2015) Cortical gray-white matter blurring and cognitive morbidity in focal cortical dysplasia. *Cerebral Cortex* 25(9):2854-62.

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Barron DS, Fox PT, Pardoe H, Lancaster J, Price LR, **Blackmon K**, Berry K, Cavazose JE, Kuzniecky R, Devinsky O, Thesen T (2014) Functional Connectivity Predicts Seizure Laterality in Individual TLE Patients: application of a biomarker development strategy. *NeuroImage: Clinical* 7:273-80.

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## **REVIEWS AND BOOK CHAPTERS**

Sabsevitz D, **Blackmon K.** (2020) Neuropsychological Assessment in Temporal Lobe Epilepsy Surgery Epilepsy Case Studies. In: Tatum, Sirven, Cascino, editor(s). *Epilepsy Case Studies*. 2nd ed. Chapter 30. Springer; 2020. p. 167-172.

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## **ABSTRACTS**

**Blackmon K**, Muyela L, Tröger J, Malick E, Linz N, König A, Gitere A, Nyambura AN, Nesic-Taylor O, Meier IB, Narayan V, Merali Z, Udeh-Momoh C. Digital semantic fluency analysis detects dementia in multilingual Kenyan adults. Poster presented at the Annual Alzheimer's Association International Conference, Toronto, CAN, July 2025.

**Blackmon K**, Alaka B, Bikeri CO, Musili L, Kamau R, Mostert C, Merali Z, Saleh M, Udeh-Momoh C; Thesen T. Vitality tracking in Kenyan adults using wearable devices and ecological momentary assessments. Poster presented at the Annual Alzheimer's Association International Conference, Toronto, CAN, July 2025.

Gitere A, Nyambura AN; Muyela L, Maina R, Nesic-Taylor O, Shah J, Sokhi D, Mbugua S, Ponda S, Hooker J, Merali Z, Udeh-Momoh C, **Blackmon K**. The Frontal Assessment Battery in older multilingual Kenyan adults. Poster presented at the Annual Alzheimer's Association International Conference, Toronto, CAN, July 2025. *Winner of the 2025 Trainee Travel Award to Anne Gitere (Kenya)*

Nyambura A, Gitere A, Muyela L, Bikeri C, Kamau L, Muchungi K, Ajalo C, Musili L, Shah J, Maina R, Merali Z, Udeh-Momoh C, **Blackmon K**. Measuring Safety: The Lifetime Sense of Safety Scale in Kenyan Adults. Poster presented at the annual Alzheimer's Association International Conference, Toronto, CAN, July 2025.

Garcia A, Muyela L, Welford AS, Caccia M, Pellela N, Perez GN, ferrante FJ, Gitere A, Nyambura AN, Muhando E; Nesic-Taylor O; Narayan V, Meier IB; Merali Z, Udeh-Momoh C, **Blackmon K**. Digital speech biomarkers of cognitive functioning in multilingual Kenyan adults. Poster presented at the Annual Alzheimer's Association International Conference, Toronto, CAN, July 2025.

Udeh-Momoh C, Shah J, Musili L, Kaleli H, Smith C, Nyambura A, Bikeri CO, Maina R, Bubu O, Onyike C, Okonkwo O, Akinyemi, R, Merali Z, Saleh M, Ogunniyi A, **Blackmon K**, Hendrie H. Demographic and contextual variability in the underdiagnosis of dementia-related cardiometabolic risk factors in African populations. Poster presented at the Annual Alzheimer's Association International Conference, Toronto, CAN, July 2025.

Maina R, Karanja W, Udeh-Momoh C, McDonagh S, Javandel S, Tsoy E, Valcour V, **Blackmon K**. Are we measuring what we think we are measuring? The construct validity of a multi-domain cognitive test

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Aliwa B, Nyambura A, Gitere A, Muyela L, Kaleli H, Musili L, Maina R, Mbugua S, Sokhi D, Hooker J, Ponda S, Nguku S, Nesic-Taylor O, Merali Z, Shah J, **Blackmon K**, Udeh-Momoh C. Blood-Based Clinical Markers for Early Dementia Detection: Insights from AD-DETECT-Cohort. Poster presented at the Annual Alzheimer's Association International Conference, Toronto, CAN, July 2025.

Muyela L, Gitere A, Nyambura AN, Musili L, Maina R, Mbugua S, Sokhi D, Hooker J, Ponda S, Nguku S, Nesic-Taylor O, Merali Z, Meier IB, Narayan VA, Singh J, Waheed F, Mondal S, Udeh-Momoh C, **Blackmon K**. Adaptation of an Olfactory Test Kit for Detection of Alzheimer's Disease and Related Dementias in Kenya: Preliminary Findings. Poster presented at the Annual Meeting of the International Neuropsychological Society, New Orleans, US, Feb 2025. *Winner of the 2025 Trainee Travel Award to Levi Muyela (Kenya)*.

Karanja MW, Kamau L, Kipkoech K, Smith C, Kiplagat D, Maina R, Tsoy E, Shah J, Udeh-Momoh C, Blackmon K. Kwa Ground Vitu Ni Different: Relaxing Monolingual Testing Constraints in Multilingual Contexts. Poster presented at the Annual Meeting of the International Neuropsychological Society, New Orleans, US, Feb 2025. *Winner of the Cultural Neuropsychology Special Interest Group Award to Wambui Karanja (Kenya)*.

**Blackmon K**. The International Brain Health Index (IBHI): An adaptable and scalable methodology for harmonizing global brain health measurement while preserving local culture and context. Poster presented at the Annual Meeting of the International Neuropsychological Society, New Orleans, US, Feb 2025.

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Linz N, Muyela L, Malick E, Tröger J, Nyambura AN, Gitere A, Maina R, Nesic-Taylor O, Merali Z, Meier IB, Narayan V, Udeh-Momoh C, **Blackmon K**. Automatic multilingual analysis of semantic verbal fluency for dementia screening in Swahili and English – a feasibility study. Poster presented at Nature: Future of Dementia in Africa Conference, Oct 2024.

**Blackmon K**, Smith S, Gillespie K, Steele X, Heisel W, Meier I, Narayan V, Njogu AN, Udeh-Momoh CT, Thesen T, Bosire E, Nesic-Taylor O, Merali Z. Climate change and brain health in Kenya. Poster presented at the Global Neuropsychology Congress in Porto, Portugal July 2024.

Evans R, Isaac R, Murray T, Mohammed L, Burgen KS, Punch B, Waechter R, Landon B, **Blackmon K**. Beyond Zika Virus: Socioeconomic and Maternal Health Factors Influence Early Childhood Memory Functioning in Grenada, West Indies. Poster presented at the Global Neuropsychology Congress in Porto, Portugal July 2024.

Udeh-Momoh CT, Njogu AN, Smith C, Ondieki A, Maina R, Bosire E, **Blackmon K**, Shah S, Kaleli H, Gregory S, Gitau S, Hill-Jarrett TG, Kafetsouli D, Khakali L, Mbugua S, Muniz-Terrera, Shah J,

Solomon A, Thesen T, Tsoy E, Waa S, Yokoyama JS, Mielke M, Watermeyer TJ, PhD behalf of the FemBER Consortium. The Female Brain Health and Endocrine Research in Africa Study (FemBER-AFRICA): Protocol to assess sex-specific differences for ADRD development in people of African Ancestry. Poster presented at the AAIC Satellite Symposium in Cape Town May 2024

Koay JM, Sabsevitz DS, Ritaccio A, Feyissa A, Tatum W, **Blackmon K**. Does preserved consciousness during seizures impact quality of life among patients with epilepsy? Poster presented at the American Academy of Clinical Neuropsychology Annual Meeting, Washington DC, June 2023.

Prabhakaran D, Day GS, Munipalli B, Rush B, Pudalov L, Niazi S, Brennan E, Powers HP, Athreya A, **Blackmon K**. Neurophenotypes and recovery trajectories following laboratory-confirmed SARS-CoV-2 infection. Paper presentation at the International Neuropsychological Society Meeting, San Diego CA, February 2023.

Evans R, Mohammed L, Burgen KS, Isaac R, Murray T, Kandle P, Cheng ME, Waechter R, Landon B, **Blackmon K**. Psychometric Characteristics of the Grenada Learning and Memory Scale: An Innovative Tool for Preschool Memory Assessment in Resource-Limited Regions. Paper presentation at the International Neuropsychological Society Meeting, San Diego CA, February 2023.

Karstens AJ, Herry A, **Blackmon K**, Stricker NH. Validation and clinical translation of a remote self-administered cognitive measure and models for cultural and linguistic adaptations through Mayo Test Drive. Poster presentation at the International Neuropsychological Society Meeting, San Diego CA, February 2023.

Khan A, Tatum W, Lin M, Feyissa A, **Blackmon K**, Middlebrooks E, Freund B. Seizures in Patients with Cerebral Amyloid Angiopathy: A Preliminary Report. Abstract presented at the American Epilepsy Society Meeting, Nashville, TN. December 2022.

Shah P, Borges H, LeMonda B, **Blackmon K**, Oermann E, Pardoe H, Barr WB, Liu A. Convolutional Neural Networks Applied to Rey Complex Figure Drawings for Epilepsy Diagnostic Classification. Poster presented at the 146<sup>th</sup> Annual Meeting of the American Neurological Association. Virtual Meeting.

Azam M, Lee S, Thesen T, **Blackmon K**. Dissociable Neural Signatures for Fluid and Crystallized Cognition in Neurotypical Child Development. American Academy of Child and Adolescent Psychiatry Annual Meeting October 2020 (Virtual).

**Blackmon K**, Waechter R, Noel T, MacPherson C, Mitchell G, Donald T, Cudjoe N, Evans R, Bergen K, Jayatilake P, Oyegunle V, Baki S, Thesen T, Dlugos D, Chari G, Patel A, French J, Krystosik AR, LaBeaud, AD. Epilepsy surveillance in children born during the Zika Virus outbreak in Grenada, West Indies. Abstract accepted for the American Epilepsy Society Annual Meeting in Baltimore, MD, December 2019. Selected for a special session to showcase *Contributions of a Diverse Professional Community*.

Cudjoe N, Noël T, Krystostikc A, Waechter R, **Blackmon K**, Phillipa S, Mapp-Alexandera V, Grossi-Soysterc EN, Pinskye B, Sureshc P, Leed J, Mitchell G, Macpherson C, LaBeaud AD. Zika and Dengue Virus Infections in Pregnant Mothers in Grenada. American Society of Tropical Medicine and

Hygiene 67th Annual Meeting in New Orleans, LA.

**Blackmon K.** Barr WB, Morrison C, MacAllister W, Kruse M, Pressl C, Wang X, Dugan P, Liu AA, Halgren E, Devinsky O, Thesen T. Cortical gray-white matter blurring and declarative memory impairment in MRI-negative temporal lobe epilepsy. 46th Annual Meeting of the International Neuropsychological Society in Washington D.C., February 2018. *Winner of the 2018 Laird S. Cermak Award for Research in Memory and Memory Disorders.*

Reyes A, Thesen T, Barr WB, Morrison C, McDonald CR, Kuzniecky R, Devinsky O, **Blackmon K** (2017). Reduced Frontal Lobe Neuronal Activity at Rest Contributes to Executive Function Decrements in Patients with Temporal Lobe Epilepsy. Poster presented at the 45<sup>th</sup> Annual Meeting of the International Neuropsychological Society, New Orleans, LA. *Winner of the INS Student Liaison Committee Research Award.*

Sabat C, Barr WB, Morrison C, Devinsky O, **Blackmon K.** (2017) Differential Patterns of Memory Impairment in Temporal Lobe Epilepsy Subtypes. Poster presented at the 45<sup>th</sup> Annual Meeting of the International Neuropsychological Society, New Orleans, LA.

Duggal D, Devinsky O, Barnard S, George A, Whitman L, French J, Barr WB, **Blackmon K** (2016) Hyperfamiliarity for unknown faces: Scale development and validation in a large epilepsy, lesion, and control sample. Poster presented at the 14<sup>th</sup> Annual Conference of the American Academy for Clinical Neuropsychology, Chicago IL. *Winner of the Student Poster Presentation Merit Award.*

Reyes A, Thomas T, Wang X, Hahn D, Yoo D, Kuzniecky R, Devinsky O, **Blackmon K** (2016) Fractional Amplitude of Low Frequency Fluctuations on Resting State fMRI in Temporal Lobe Epilepsy with and without Mesial Temporal Sclerosis. Poster presented at the 44<sup>th</sup> Annual Meeting of the International Neuropsychological Society in Boston, MA.

Ben-Avi E, Pardoe H, Wang X, Thesen T, Devinsky O, Kuzniecky R, **Blackmon K** (2016) Elevated White Matter Abnormalities in Females with Autism Spectrum Disorder. Poster presented at the 44<sup>th</sup> Annual Meeting of the International Neuropsychological Society in Boston, MA.

Kierstead S, MacAllister W, Vasserman M, Devinsky O, **Blackmon K** (2016) Female Protective Effects for Social Impairment in Females with Autism and Epilepsy. Poster presented at the 44<sup>th</sup> Annual Meeting of the International Neuropsychological Society in Boston, MA.

Pardoe H, Cole JH, Thesen T, **Blackmon K**, Kuzniecky R, HEP Investigators (2015) Do seizures age the brain? Machine learning analysis of structural MRI. Poster presented at the 69<sup>th</sup> Annual Meeting of the American Epilepsy Society in Philadelphia, PA.

Ben-Avi E, Kuzniecky R, Pardoe H, Devinsky O, Wang X, Thesen T, **Blackmon K** (2014) Focal white matter abnormalities and symptom severity in Autism Spectrum Disorders. Poster presented at the 12<sup>th</sup> Annual American Academy of Clinical Neuropsychology Conference in New York City, New York.

Green S, Devinsky O, Wang X, Thesen T, **Blackmon K** (2014) Cortical gyrification and cognitive efficiency in healthy adults. Poster presented at the 12th Annual American Academy of Clinical

Neuropsychology Conference in New York City, New York.

Meager MR, Green S, Chowdhry S, Barr WB, **Blackmon K** (2014) The Discrepancy Between Subjective and Objective Attentional Control in Focal Lesion Patients. Poster presented at the 12th Annual American Academy of Clinical Neuropsychology Conference in New York City, New York.

Barron D, Fox P, Pardoe H, Lancaster J, Price L, **Blackmon K**, Berry K, Kuzniecky R, Devinsky O, Thesen T (2014) Thalamo-Hippocampal Functional Connectivity Predicts Seizure Laterality in Individual TLE Patients. Poster presented at the 20<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping in Hamburg, Germany.

Kubota JT, Mojdehbakhsh R, Dalrymple J, **Blackmon K**, Banaji MR, Phelps EA (2014) Dissociated effects of temporal and prefrontal lesions on implicit bias change. 7th Annual Meeting of the Social & Affective Neuroscience Society. New York, NY. April, 2014.

**Blackmon K**, Kuzniecky R, Barr WB, Thesen T, Doyle W, Devinsky O, Ardekani B, Pardoe H (2013) Pre-surgical corpus callosum midsagittal cross-sectional area predicts post-surgical resilience in working memory. Poster presented at the 67<sup>th</sup> Annual Meeting of the American Epilepsy Society in Washington, DC. Winner of the Grass Foundation Award.

**Blackmon K**, Pardoe H, Barr WB, Devinsky O, Kuzniecky R, Thomas T (2013) Blurring of the gray and white matter boundary is a marker of decreased cognitive network efficiency in focal epilepsy. Poster presented at the 30<sup>th</sup> International Epilepsy Congress in Montreal, Canada.

Thesen T, Ahmed B, Carlson C, Kuzniecky R, Quinn BT, **Blackmon K**, Brumm J, Khan O, Chao C, Devinsky O, French J, Brodley C (2013) Surface-based morphometry and machine learning aids in the detection of “MRI-negative” focal cortical dysplasia. Poster presented at the 30<sup>th</sup> International Epilepsy Congress in Montreal, Canada.

Lackovic SF, **Blackmon K**, Barr WB, Phelps E (2013) Auditory-verbal attention and memory in focal brain lesion patients. Poster presented at the 41<sup>st</sup> Annual Meeting of the International Neuropsychological Society in Waikoloa, Hawaii.

Londen E, **Blackmon K**, Barr WB, Carlson C, DuBois J, Devinsky O, Kuzniecky R, Halgren E, Thesen T (2012). A neuroanatomical substrate for anxiety symptoms in temporal lobe epilepsy. Poster presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society in Montreal, Canada.

Kucukboyaci, NE, **Blackmon K**, Barr WB, Carlson C, Kuzniecky R, McDonald C, DuBois J, Quinn BT, Devinsky O, French J, Dale AM, Halgren E, Thesen T (2010) Structural correlates of working memory performance in the human paracingulate cortex. Poster presented at Human Brain Mapping meeting in Barcelona, Spain

**Murphy K**, Barr WB, Brand J, Karantzoulis S, Bender H, Alper K (2009) Self-Reported Versus Clinician Rated Depression and Anxiety in Psychogenic Nonepileptic Seizures. Poster presented at the 7<sup>th</sup> Annual Conference of the American Academy of Clinical Neuropsychology, San Diego, CA

Bender HA, Rodriguez-Rivera M, Aponte-Samalot M, MacAllister WS, **Murphy K**, Karantzoulis S, Senior E, Vazquez B, Barr WB (2009) The Clinical Utility of the RBANS-Spanish Research Edition in a Neurological Sample. Poster presented at the 7<sup>th</sup> Annual Conference of the American Academy of Clinical Neuropsychology, San Diego, CA

**Murphy K**, Howard S, Arvidsson D, Ashman TA, Cantor JB (2007) Sex Matters: Predictors of Sexual Activity in Individuals with TBI. Poster and presentation at The 9th Annual Rehabilitation Psychology Conference, Charlotte, NC

### **CONFERENCE PRESENTATIONS AND INVITED TALKS**

Blackmon K. Fair Harmonization. How can we harmonize digital cognitive tools while also preserving local culture and context? Featured Research Session: Culturally-Sensitive Neuropsychological Evaluations. Alzheimer's Association International Conference (AAIC) July 2025, Toronto, CAN

Blackmon K (Symposium Co-Chair). Featured Research Session titled Culturally appropriate cognitive assessment in Sub-Saharan Africa: learnings, challenges, and opportunities. Alzheimer's Association International Conference (AAIC) July 2025, Toronto, CAN.

Blackmon K (Chair), Meier IB (Discussant). Paving the Path to Global Brain Health Equity in Low- and Middle-Income Countries. Symposium at the Annual Meeting of the International Neuropsychological Society, New Orleans, US, Feb 2025.

Blackmon K (Panelist). Spring Meeting of the DAC Healthcare System Preparedness Learning Laboratory Webinar, June 2024

Blackmon K (Moderator/Panelist). Resilience to Stress: Minding Your Brain. AKU Brain and Mind Institute live public webinar. July 2024

Blackmon K (Panelist). Cross-Cohort Innovation Panel: Climate Change and Brain Health. Davos Alzheimer's Collaborative Global Cohorts Program virtual public webinar. April 2024

Blackmon K (Invited Speaker). Distinguishing normal from pathologic aging using novel tools and biomarkers. Invited Speaker. Faculty Academic Rounds, Aga Khan University, Nairobi, Kenya, March 2024.

Blackmon K (Invited Speaker). Neuropsychiatric Phenotyping of Long COVID: Tools to Guide Treatment Pathways. Invited Speaker. Psychiatry Grand Rounds, Lenox Hill Hospital, Northwell Health, New York, New York, December 2023.

Blackmon K (Symposium Moderator), Wasay M, Hooker J, Valcour V, Sorefan A. Dementia assessment & interventions: Building tools in LMICs. Moderator. Healing the Brain Bridging the Gap in Low- and Middle-Income Countries. Nairobi, Kenya, November 2023.

Maina R (Moderator), Blackmon K (Panelist), Okonkwo O (Panelist), Tsoy E (Panelist), Abubakar A (Panelist). Advancing neuropsychology and brain health: Tools, collaboration, and empowerment.

Healing the Brain Bridging the Gap in Low- and Middle-Income Countries. Nairobi, Kenya. November 2023.

Narayan V (Moderator), Blackmon K (Panelist), Gillespie K (Panelist), Udeh-Momoh C (Panelist), Epelbaum S (Panelist), Lee J (Panelist). Large-scale brain health assessments in resource constrained settings. Lausanne X. Lausanne, Switzerland, October 2023.

Blackmon K (Moderator), Meral Z (Panelist), Atwoli L (Panelist), Cheserem B (Panelist), Enam A (Panelist). Minding your Brain. Brain and Mind Institute, Nairobi, Kenya. April 2023.

Blackmon K (Invited Speaker). Prenatal arbovirus exposure and neurodevelopmental risk. Symposium: The invisible burden: Measuring and evaluating the impact of infectious diseases on cognition (symposium chairs: Andrea Buchwald and Maria Crespo-Llado). Invited symposium participant at the American Society for Tropical Medicine and Hygiene 2022 Annual Meeting in Seattle, WA. November 2022.

Blackmon K (Invited Speaker). Watch the Brain Grow. Thames Valley & Wessex Neonatal Network's Neurology Virtual Study Day. Accredited for CPD by the Royal College of Pediatrics and Child Health. May 2022.

Blackmon K (Invited Speaker). Neurodevelopmental Risk and Resilience in Children with Prenatal Zika Virus Exposure. Oral presentation at the International Neuropsychological Society Matthews Fund sponsored workshop titled Strengthening Capacity for Neuropsychological Assessment in the English-Speaking Caribbean. Grenada, West Indies. March 2022.

Blackmon K (Invited Speaker). Neural Synchrony in Children with Prenatal Zika Virus Exposure. Paper presentation at the 50th Annual Meeting of the International Neuropsychological Society. Virtual Meeting. February 2022.

Tatum W (Invited Speaker), Blackmon K (Invited Speaker). Profiling Spells in Epilepsy. Epilepsy and EEG in Clinical Practice. Mayo Clinic. October 2021.

Blackmon K (Invited Speaker). "Brain Fog": Managing Cognitive Inefficiencies. Part of course entitled: Post COVID Syndrome: The Current State. Mayo Clinic School of Professional Clinical Development. May 2021.

Blackmon K (Invited Speaker). Changing Course: Tracking and Targeting Neurocognitive Sequelae of SARS-CoV-2. COVID-19 Clinical Grand Rounds. Project ECHO. University of New Mexico. May 2021

Blackmon K (Invited Speaker). Neuropsychological Outcomes in Epilepsy. Epilepsy and EEG in Clinical Practice. Mayo Clinic. July 2020.

Blackmon K (Invited Speaker). Lesion Symptom Network Mapping. Neuroscience-Neurosurgery Lecture Series. Mayo Clinic. September, 2020

Blackmon K (Invited Speaker), Bergen K (Invited Speaker). Capacity Building in Neuropsychology, Grenada, West Indies. The KnowNeuropsychology Didactic Series: Neuropsychology Around the World, Virtual/Zoom, July, 2020.

Blackmon K (Invited Speaker), Cudjoe N (Invited Speaker). Assessment of neurocognitive functioning at two years of age in children exposed to Zika virus in utero. Workshop on the Care of Infants and their Families Affected by Zika in English-Speaking Caribbean Countries, Port of Spain, Trinidad, June 2018

Blackmon K (Invited Speaker). Temporal Lobe Gray-White Matter Blurring and Wada Memory Impairment in MRI-Negative Temporal Lobe Epilepsy. 46th Annual Meeting of the International Neuropsychological Society in Washington D.C., February 2018. Winner of the 2018 Laird S. Cermak Award for Research in Memory and Memory Disorders.

Blackmon K (Symposium Chair), Galaburda A, Scott RC, Korman B Chang B: Malformations of cortical development and cognition. Symposium presented at the 44th Annual Meeting of the International Neuropsychological Society in Boston MA, February 2016.

Blackmon K (Invited Speaker). Focal cortical anomalies linked to neuropsychological phenotypes in 16p11.2 syndrome. Symposium talk at the 44th Annual Meeting of the International Neuropsychological Society in Boston MA, February 2016.

Blackmon, K (Invited Speaker). Attention, Memory, and Epilepsy. Finding a Cure for Epilepsy and Seizures (FACES) Annual Epilepsy Conference, New York City, NY, April, 2015.

Blackmon, K (Invited Speaker). The use of quantitative MRI tools to probe cortical pathogenesis and cognitive impairment. University of Trento, Center for Mind/Brain Sciences, Rovereto, Italy, July 2014

Blackmon, K (Invited Speaker). How epilepsy affects thinking and behavior. Finding a Cure for Epilepsy and Seizures (FACES) Annual Epilepsy Conference, New York City, NY, April 2014.

Blackmon, K (Invited Speaker). Gray and white matter blurring as a marker of cognitive morbidity in focal cortical dysplasia. Weill Cornell Medical College, Department of Radiology, Biomedical Imaging Research Seminar, New York, NY, USA, November 2013.