Eric D. Morris
Curriculum Vitae
68 Bergen St. 2A, Brooklyn, NY 11201 703.395.9871 eric.morris@columbia.edu

Education

Columbia University Mailman School of Public Health Expected May 2019
Master of Public Health, Epidemiology with a certificate in Advanced Epidemiology

University of Virginia Class of 2013
Bachelor of Arts, Human Biology Distinguished Majors Program
Thesis: "The Growing Public Health Issue of Nosocomial Infections: Analyzing the burden of Clostridium difficile infection on the University of Virginia Hospital"

Professional and Research Experience

Independent Consultant *New York City Department of Health and Mental Hygiene*
Bureau of HIV/AIDS Prevention and Control, Long Island City, NY September 2018 – Present

- Supporting consultant for the Clinical Operations and Technical Assistance (COTA) program, part of the Bureau of HIV/AIDS Prevention and Control. Tasked with formulating research questions, conducting data analyses, and developing manuscripts on data from COTA's 2016 HIV Clinic Survey.

Teaching Assistant *Columbia University Mailman School of Public Health*
Office of Educational Programs, Research Methods and Applications Studio August 2018 – Present

- TA for Quantitative Foundations in the Core Curriculum at the Mailman School of Public Health. Facilitate a weekly lab section for 22 students throughout Fall semester.

Epi Scholar Intern *New York City Department of Health and Mental Hygiene*
Bureau of HIV/AIDS Prevention and Control, Long Island City, NY May 2018 – September 2018

- One of 9 Epi Scholars selected for 2018. Placed in the Clinical Operations and Technical Assistance (COTA) Program of the Bureau of HIV/AIDS Prevention and Control.
- Tasked with performing descriptive, univariate, bivariate, and multivariate data analyses to identify associations between clinic characteristics and HIV care outcomes as part of analysis on COTA's 2016 HIV Clinic Survey. Identified areas for technical assistance intervention at the clinic level and created resources for site visits.

Health and Research Training Program (HRTP) Intern *New York City Department of Health and Mental Hygiene,* Department of Epidemiology, Long Island City, NY March 2018 – May 2018

- Used SQL and SAS to analyze race and ethnicity variables in the inpatient portion of the New York State SPARCS data set

Senior Research Aide *Weill Cornell Medicine Department of Neurology and Neuroscience*
Weill Cornell Medical Center, New York, NY October 2015 – February 2018

- Oversaw the Judith Jaffe Multiple Sclerosis Center's imaging pipeline and database consisting of 1,200 patients and 5,000+ MRI scans.
- Performed several MRI longitudinal analysis studies. Used FreeSurfer to process and analyze brain MRI image volumetrics and visually inspect cortical surface reconstruction and cortical segmentation. Performed myelin water fraction map, lesion map, and localized region of interest map analysis.

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Clinical Research Coordinator *Weill Cornell Department of Neurology and Neuroscience*
Weill Cornell Medical Center, New York, NY July 2013 – October 2015

- Oversaw 25+ pharmaceutical sponsored, federally funded, and investigator initiated clinical research studies in the multiple sclerosis, epilepsy and peripheral neuropathy centers.
- Maintained clinical databases, performed patient recruitment, obtained informed consent, performed phlebotomy, and submitted studies for IRB approval

Student Research Assistant *University of Virginia Division of Infectious Disease*
University of Virginia School of Medicine, Charlottesville, VA May 2012 – May 2013

Publications, Abstracts, and Presentations

Chiang GC, Hu J, **Morris E**, Wang Y, Gauthier SA. Quantitative susceptibility mapping of the thalamus: Am J Neuroradiol relationships with thalamic volume, total gray matter volume, and T2 lesion burden. *AJNR*. 2018 Jan 25. doi:10.3174/ajnr.A5537

Al-Kawaz M, Monohan E, **Morris E**, Perumal JS, Nealon N, Vartanian T, Gauthier SA. Differential Impact of Multiple Sclerosis on Cortical and Deep Gray Matter Structures in African Americans and Caucasian Americans. *J Neuroimaging*. 2017 May;27(3):333-338. doi: 10.1111/jon.12393. Epub 2016 Sep 16.

Pandya S, Kauzner U, **Morris E**, Nguyen T, Nealon N, Perumal JS, Vartanian T, Wang Y, Gauthier SA. Quantitative susceptibility mapping identifies inflammation in a subset of chronic multiple sclerosis lesions. Manuscript accepted by *Brain* 10/5/2018, reference # BRAIN-2018-00491

Kuceyeski A, Monohan E, **Morris E**, Fujimoto K, Vargas-Deming W, Gauthier SA. Baseline biomarkers of connectome disruption and atrophy predict future processing speed in early multiple sclerosis. *Neuroimage Clin*. 2018; 19: 417–424. Published online 2018 May 8. doi: 10.1016/j.nicl.2018.05.003

Morris E, D'Aquila E, Daud M, Skinner C, Hayes C, Seabrook T, Crittendon E, Abraham B. Characteristics associated with viral load suppression – Comparing outcomes at hospital-based and community-based HIV clinics in New York City. Poster Presentation at Mailman School of Public Health Department of Epidemiology Practicum Poster Session, October 2018.

Pandya S, Kauzner U, **Morris E**, Nguyen T, Nealon N, Perumal JS, Vartanian T, Wang Y, Gauthier SA. Longitudinal change of myelin water fraction (MWF) within chronic multiple sclerosis (MS) lesions. Abstract selected for poster presentation at the American Academy of Neurology 70th Annual Meeting, April 2018.

Kauzner, U. Kang Y, **Morris E**, Yao Y, Zhang S, Pandya S, Nguyen T, Kuceyeski A, Nealon N, Perumal JS, Vartanian T, Gauthier SA. Correlating the Presence of Rim Positive Lesions on Quantitative Susceptibility Mapping (QSM) with PK1195 Expression on PET Imaging. Abstract submitted to Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS)

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Kauzner, U. Kang Y, Nguyen T**,** Hurtado SR, Yao Y, Zhang S, **Morris E**, Pandya S, Wang Y, Gauthier SA. Lesions with hyperintense rim on Quantitative Susceptibility Mapping demonstrate more inflammation on PET-PK1195. Abstract selected for poster presentation at European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS) and ACTRIMS Joint Conference 2017.

Nguyen, T. Yao Y, Spincemaille P, **Morris E**, Gauthier SA, Wang Y. Clinically viable FAST-T2 based whole brain myelin water content mapping: T1 validation and initial MS lesion study. Abstract selected for oral presentation at the International Society for Magnetic Resonance in Medicine (ISMRM) 2017 Meeting.

Morris E, Nealon N, Perumal JS, Vartanian T, Gauthier SA. Early MS Patients Meeting NEDA show no significant gray matter decline. Abstract selected for poster presentation at ECTRIMS 32nd Congress on 9/2016.

Kauzner U, Kang Y, **Morris E**, Nealon N, Perumal JS, Vartanian T, Gauthier SA. Uptake of [C11]PK1195 in the thalamus of Multiple Sclerosis (MS) patients versus Health Controls (HC). Abstract selected for poster presentation at ECTRIMS 32nd Congress on 9/2016.

Morris E, Nealon N, Perumal JS, Vartanian T, Gauthier SA. Early MS Patients Meeting NEDA show no significant gray matter decline. Poster Presentation at New York Academy of Sciences Multiple Sclerosis: Diagnosis and Treatment Frontiers Conference 6/2016.

Skills and Certifications

- Proficient in R, SAS, SPSS, SQL, Freesurfer, and Bash Scripting
- Proficient in Microsoft Office, Microsoft Access Databases, REDCap/Online Databases and Database Dictionaries, and EndNote. Experienced user of EPIC EMR Software.
- Phlebotomy Certification from the Certified Venous Access Specialist Association
- Fluent in Spanish and proficient in French