

Brief Bio for Dr. Aaron S. Lord

Dr. Aaron S. Lord was born and raised in Charleston, WV where he attended George Washington High School. He graduated Phi Beta Kappa and Summa Cum Laude from Georgetown University with a B.S. in Biology. He then attended medical school at Columbia University College of Physicians and Surgeons where he graduated with Alpha Omega Alpha honors. He is an Assistant Professor of Neurology at NYU School of Medicine and Chief of Neurology at NYU Langone Hospital-Brooklyn.* Dr. Lord is here today as a patient, as an HIV and HIV PrEP advocate, and as a founding member of The PrEP4ALL Collaboration.

**Dr. Lord is not representing NYU School of Medicine or NYU Langone Hospital-Brooklyn at this hearing.*

Curriculum Vitae

AARON SYLVAN LORD MD, MSc

Contact Information

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Current Appointments and Leadership Positions

Faculty Appointment

07/2013 Assistant Professor, Dept. of Neurology, NYU School of Medicine, NY, NY
08/2014 Assistant Professor, Dept. of Neurosurgery, NYU School of Medicine, NY, NY

Hospital Appointment

07/2013 Attending Physician, Depts. of Neurology and Neurosurgery, NYU Langone Medical Center, NY, NY
07/2013 Attending Physician, Dept. of Neurology, Bellevue Hospital Center, NY, NY

Administrative Leadership Positions

11/2018 Chief of Neurology, NYU Langone Hospital-Brooklyn

Education and Training

Education

05/2001	B.S	Biology	Georgetown University, Washington, DC
05/2007	M.D	Medicine	Columbia University College of Physicians & Surgeons, NY, NY
05/2018	M.Sc	Clinical Investigation	NYU School of Medicine, NY, NY

Postdoctoral Training

07/07-06/08	Internship	Medicine	NYU School of Medicine, NY, NY
07/08-06/11	Residency	Neurology	Columbia University, NY, NY
07/11-06/13	Fellowship	Neurocritical Care	Columbia University, NY, NY

Specialty Certification

2011 Neurology, American Board of Psychiatry and Neurology
2014 Neurocritical Care, United Council of Neurologic Subspecialties

Licensure

2009 New York License #254209

Previous Appointments and Leadership Positions

Hospital Appointments

07/2011 Assistant Physician Dept. of Neurology New York-Presbyterian Hospital, NY, NY

Administrative Leadership Positions

07/2013-10/2018 Chief, Division of Neurocritical Care, Dept. of Neurology, NYU School of Medicine, NY, NY
 01/2016-10/2018 Medical Director, Neurosciences ICU / SDU, NYU Langone Medical Center, NY, NY
 09/2016-10/2018 Master Trainer, High Reliability Organization, NYU Langone Medical Center, NY, NY
 07/2013-10/2018 Director of Neurocritical Care, NYU Langone Medical Center, NY, NY

Awards, Honors, and Memberships in Honorary Societies

1997 Howard Hughes Undergraduate Scholar, Georgetown University
 1999 Barry M. Goldwater Scholarship
 2001 Phi Beta Kappa Society, Georgetown University
 2001 Summa Cum Laude, Georgetown University
 2007 AAN Medical Student Prize for Excellence in Neurology, Columbia University
 2007 Alpha Omega Alpha Society, Columbia University

Research Activity

Research Activities

My research activities are focused on hemorrhagic brain diseases including intracerebral and subarachnoid hemorrhages (ICH and SAH). My current research examines the risk factors for post-stroke infection after ICH and effect modifiers for infection-related poor outcome.

Grant History

Grants and Clinical Trials

Past

Funding Agency	Role	Effort %	Project Title	Award Type	Grant #	Project ID	Project Start Date	Project End Date	Annual Project Direct Costs	Annual Project Indirect Costs	Annual Project Total Costs	Total Project Direct Costs	Total Project Indirect Costs	Total Project Costs
NIH	Co-I		The New York City Collaborative Regional Coordinating Stroke Center	U	10	NS08653	09/2013	07/2018						
NIH	Trainee		RCC StrokeNet Trainee	U	10	NS08653	09/2014	08/2015						
New York State	Trainee		Trainee for NYS ECRIP Grant to											

ECRI P		Stuart Katz, MD					
NIH	Co-I	DESERVE Trial	P	50	NS04906 0	2013	2014
NIH	Site PI	Futility Study of Deferoxamine Mesylate in Intracerebral Hemorrhage	U	01	NS07442 5	2015	2017

Clinical Activity

I am founding Chief of the Division of Neurocritical Care at NYU Langone and am the founding Medical Director of the Neurosciences ICU/SDU of the Kimmel Pavilion at NYU Langone. I attend in the Neuroscience Intensive Care Unit at NYU Langone where I lead a multidisciplinary team in the management of patients who are critically ill from brain, spine, peripheral nerve, or muscle disease or from brain or spine surgery. I was responsible for first bringing in multimodality monitoring, targeted temperature management, and advanced hemodynamic monitoring to the Neurosciences ICU at NYU as well as conducting the first ever NIH-funded inpatient Neurology trial conducted at NYU.

Education Activity

Teaching Activities

2011-2013	UME, Neuroemergencies Lecture, Core Neurology Clerkship, Columbia University
2013-present	UME, Lecture on Coma and Disorders of Consciousness. Core Principles in Medicine: Nervous System, NYUSOM, medical students, 1 hour/year
2014-2018	UME, Neurology Core Clinical Rotation Preceptorships, NYUSOM, Medical Students, 40 hours/year
2013-present	GME, Annual Core Curriculum and Simulations for Neurocritical Care Curriculum, NYUSOM Neurology Residents, 10 hours/year
2013-present	GME, Neurocritical Care Topics , NYUSOM, Pulmonary Critical Care Fellows, 5 hours/year
2014-present	GME, Intracerebral Hemorrhage Lecture, NYUSOM, Internal Medicine Residents, 1 hour/year

Curriculum development and other innovative educational activities

2014-present	Neurocritical Care Simulation for Neurology Residents <i>Developed case materials and scripts for core Neurocritical Care cases for Neurology residents including complex management of complications related to Subarachnoid Hemorrhage and Super-Refractory Status Epilepticus</i>
2014	Simulations to Educate Community Neurologists on Stroke Code and ICH management <i>Developed case materials and scripts for simulations for community neurologists learning to manage stroke codes and intracerebral hemorrhage consults.</i>

Invited Talks and Teaching of Peers

Internal	
10/2014	Intracranial Hypertension, Neurosurgery NP/PA Ground Rounds
12/2014	Neuro-ICU Management: Recent Advances /Future Directions, Annual NYU Neurology CME Conference
12/2014	Ischemic Stroke and Intracerebral Hemorrhage Simulations, Annual NYU Neurology CME Conference
10/2015	Intracerebral Hemorrhage. Department of Rehabilitation Medicine Noon Conference

12/2015 Neuro-ICU Management Update. Annual NYU Neurology Symposium
 03/2016 Infection and Immunosuppression after Intracerebral Hemorrhage. Dept. of Neurosurgery Grand Rounds
 04/2016 Infections after ICH. NYU CTSI Translation Research In Progress (TRIP) Grand Rounds
 12/2016 Innovations in Treatment of Intracranial Hemorrhage. Annual NYU Neurosurgery CME Symposium
 12/2016 Intracerebral Hemorrhage: The Old, The Current, and The Future. Annual NYU Neurology Symposium
 12/2017 General versus Local Anesthesia for Mechanical Thrombectomy . Annual NYU Neurology Symposium
 09/2018 Drug Pricing and Neurology, NYULH Department of Neurology Grand Rounds
 11/2018 Infections, Immunosuppression, and ICH. NYULH Department of Rehabilitation Grand Rounds
 12/2018 Reversal of Anticoagulation, Cutting Edges in Stroke, Annual NYU Neurology Symposium
 01/2019 Intracerebral Hemorrhage, Noon Conference, Internal Medicine-Brooklyn Track
 01/2019 Updates in the Management of Stroke. Hospitalist Didactic Lecture Series, NYU Tisch Hospital

External to NYU Langone Health and all other NYU schools

05/2011 The Effect of Rebleeding on Vasospasm in Subarachnoid Hemorrhage. Department of Neurology Grand Rounds Columbia University.
 01/2013 Fever after Brain Injury: Too Hot To Handle? Critical Care Ground Rounds. Columbia University
 06/2014 Super-Refractory Status Epilepticus. 11th New York Symposium on Neurological Emergencies and Neurocritical Care. New York Academy of Medicine.
 04/2015 Post-Stroke Infections. Department of Neurology, Stroke Conference, Columbia University
 06/2016 Neuromuscular Disease In Neurocritical Care, TED Talk, 12th Annual New York Symposium on Neurological Emergencies and Neurocritical Care, New York Academy of Medicine
 10/2016 Infection and Immunosuppression after ICH. Critical Care Grand Rounds, Mount Sinai Medical Center
 05/2017 Infection and Immunosuppression after ICH. Critical Care Grand Rounds, Columbia University
 04/2018 Neurological Emergencies. Plenary Presentation. Society of Hospital Medicine Annual Meeting.
 04/2018 Updates in the Management of Stroke. Plenary Presentation. Society of Hospital Medicine Annual Meeting.

Mentoring and Advising

Postdoctoral students supervised and/or mentored

2014-2016 Stephen Trevick, Neurology/Psychiatry Resident, Mentored Rudin Fellowship Awardee
 “Symptoms of Grief and PTSD in Neuro ICU Family Members”
 2016-2018 MSCI degree mentor for Julia Agee
 Thesis Project: “Quantitative Autofluorescence imaging and Retinal Pigment Epithelium Structure in advanced dry Age-Related Macular Degeneration”
 2017-2019 MSCI degree mentor for Nathaniel Smilowitz
 Thesis Project: “Mechanisms of Coronary Microvascular Dysfunction”

Institutional, Local/National Service and Related Activity

Institutional Service

2018-present Neurology Resident Interview Committee, NYU Langone-Brooklyn Track
 2016-2018 Member, Institutional Review Board, NYU Langone Medical Center
 2016-2018 Kimmel Pavilion Inpatient Transition Committee, NYU Langone Medical Center
 2015 National Search Committee, Tisch Medical ICU Director
 2015 National Search Committee, NYU Director of Critical Care Services
 2014-present Department of Neurosurgery Quality Committee
 2013-present Intensive Care Oversight Group, NYU Langone Medical Center

2013-2018 Neurology Resident Interview Committee, NYU Langone -Manhattan Track

Professional Service

Professional Service for Professional Organizations

2016-present Neurocritical Care Society Finance Committee
2012-present American Heart Association / American Stroke Association, Member
2012-present Neurocritical Care Society, Member
2008-present American Academy of Neurology, Member

Editorial and Journal Positions

JAMA Neurology, Ad Hoc Reviewer
Annals of Neurology, Ad Hoc Reviewer
Journal of Clinical Investigation, Ad Hoc Reviewer
Neurology, Ad Hoc Reviewer
Neuroepidemiology, Ad Hoc Reviewer
Neurohospitalist, Ad Hoc Reviewer
Journal of Anesthesiology and Critical Care Medicine, Ad Hoc Reviewer
Journal of Neurosurgical Anesthesiology, Ad Hoc Reviewer

Bibliography

Peer-reviewed Publications

Boden-Albala B, Goldmann E, Parikh NS, Carman H, Roberts ET, **Lord AS**, Torrico V, Appleton N, Birkemeier J, Parides M, Quarles L. Efficacy of a Discharge Educational Strategy vs Standard Discharge Care on Reduction of Vascular Risk in Patients With Stroke and Transient Ischemic Attack: The DESERVE Randomized Clinical Trial. *JAMA Neurol.* 2018 Oct 8.

Fara MG, Chancellor B, **Lord AS**, Lewis A. Controversies in Cardiopulmonary Death. *J Clin Ethics.* 2017 Summer;28(2):97-101.

Gupta VP, Garton ALA, Sisti JA, Christophe BR, **Lord AS**, Lewis AK, Frey HP, Claassen J, Connolly ES Jr. Prognosticating Functional Outcome After Intracerebral Hemorrhage: The ICHOP Score. *World Neurosurg.* 2017 May;101:577-583.

Trevick SA, **Lord AS**. Post-traumatic Stress Disorder and Complicated Grief are Common in Caregivers of Neuro-ICU Patients. *Neurocrit Care.* 2017 Jun;26(3):436-443

Lewis A, Czeisler BM, **Lord AS**. Variations in Strategies to Prevent Ventriculostomy-Related Infections: A Practice Survey. *Neurohospitalist.* 2017 Jan;7(1):15-23.

Lewis A, Czeisler BM, **Lord AS**. Prolonged prophylactic antibiotics with neurosurgical drains and devices: Are we using them? Do we need them? *Am J Infect Control.* 2016 Dec 1;44(12):1757-1758.

Lewis A, **Lord AS**, Czeisler BM, Caplan A. Public education and misinformation on brain death in mainstream media. *Clin Transplant.* 2016 Sep;30(9):1082-9.

Lord AS, Lewis A, Czeisler B, Ishida K, Torres J, Kamel H, Woo D, Elkind MSV, Boden-Albala B. The Majority of 30-Day Readmissions after Intracerebral Hemorrhage are Related to Infections. *Stroke.* 2016 Jul;47(7):1768-71.

Goldmann E, Roberts ET, Parikh NS, **Lord AS**, Boden-Albala B. Race/ethnic Differences in Post-stroke Depression (PSD): Findings from the Stroke Warning Information and Faster Treatment (SWIFT) Study. *Ethn Dis.* 2016 Jan 21;26(1):1-8.

Lewis A, Wahlster S, Karinja S, Czeisler BM, Kimberly WT, **Lord AS**. Ventriculostomy-related infections: The performance of different definitions for diagnosing infection. *Br J Neurosurg.* 2016 Feb;30(1):49-56.

Hepburn-Smith M, Dynkevich I, Spektor M, **Lord AS**, Czeisler B, Lewis A. Establishment of an external ventricular drain best practice guideline: the quest for a comprehensive, universal standard for EVD care. *J Neurosci Nurse. J Neurosci Nurs.* 2016 Feb;48(1):54-65.

Lord AS, Carman H, Roberts ET, Torrico V, Goldmann E, Ishida K, Tuhim S, Stillman J, Quarles LW, Boden-Albala B. Discharge Educational Strategies for Reduction of Vascular Events (DESERVE): Design and Methods. *Int. J Stroke.* 2015 Sep 9. PMID: 26352164

Lord AS, Gilmore E, Choi H, Mayer SA. Time Course and Predictors of Neurological Deterioration after Intracerebral Hemorrhage. *Stroke.* 2015 Mar;46(3):647-52. PMID: 25657190

Lahiri S, Mayer SA, Fink ME, **Lord AS**, et al. Mechanical Ventilation for Acute Stroke: A Multi-state Population-Based Study. *Neurocrit Care.* 2014 Dec 9. PMID: 25487123

Lord AS, Langefeld CD, Sekar P, Moomaw CJ, Badjatia N, Vashkevich A, Rosand J, Osborne J, Woo D, Elkind MS. Infection After Intracerebral Hemorrhage: Risk Factors and Association With Outcomes in the Ethnic/Racial Variations of Intracerebral Hemorrhage Study. *Stroke.* 2014 Oct 14. PMID: 25316275

Lord AS, Karinja S, Lantigua H, et al. Therapeutic temperature modulation for fever after intracerebral hemorrhage. *Neurocrit Care.* 2014 Oct; 21(2):200-6. PMID: 24420694

De Marchis GM, Lantigua H, Schmidt JM, **Lord AS**, et al. Impact of premorbid hypertension on haemorrhage severity and aneurysm rebleeding risk after subarachnoid haemorrhage. *J Neurol Neurosurg Psychiatry.* 2013 Jun 29. PMID: 23813741

Lord AS, Fernandez L, Schmidt JM, et al. The effect of rebleeding on the course and incidence of vasospasm after subarachnoid hemorrhage. *Neurology.* 2012 Jan 3;78(1):31-7 PMID: 22170890

Peer-reviewed reviews

Lord AS, Nicholson J, Lewis A. Infection Prevention in the Neurointensive Care Unit: A Systematic Review. *Neurocrit Care.* 2018 Jul 11. PMID: 29998427.

Editorials and Commentaries

James Krellenstein, **Aaron Lord**, and Peter Staley. "Why Don't More Americans Use PrEP?" July 17, 2018. Opinion. *The New York Times.* <https://www.nytimes.com/2018/07/16/opinion/prep-hiv-aids-drug.html>

Media appearances

08/16/2018	Fox 5 News with Ernie Anastos. The High Price of PrEP. Live television interview.
10/23/2018	Fox 5 News. Sandra Day O'Connor and Alzheimer's Disease. Live television interview.
10/31/2018	Fox 5 News at 5. Impact of Cannabis on Teen Brain Development. Live television interview.
11/15/2018	Fox 5 News with Ernie Anastos, CGRP Inhibition and Migraines. Live television interview.
11/20/2018	New York Times. "Task Force Calls for Offering PrEP to All at High Risk of HIV. Newspaper interview.
11/26/2018	Fox 5 News at 5. Impact of Football on Brain Development. Live television interview.