

## Ariane Lewis, MD

### Contact Information

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### Current Appointments and Leadership Positions

#### Faculty Appointment

8/21	Professor, Department of Neurology	Non tenure-eligible	NYU Grossman School of Medicine
8/21	Professor, Department of Neurosurgery (secondary appointment)	Non tenure-eligible	NYU Grossman School of Medicine

#### Hospital Appointment

12/14	Affiliate	Population Health-Ethics	NYU Langone Medical Center
8/21	Professor	Neurology	NYU Langone Medical Center
8/21	Professor	Neurosurgery	NYU Langone Medical Center

#### Administrative Leadership Positions

11/18	Director of Neurocritical Care Division	Neurology	NYU Langone Medical Center
11/18	Medical Director of Kimmel Pavilion 16 <sup>th</sup> Floor	Neurology/Neurosurgery/ Interventional Neuroradiology/ Orthopedics Spine	NYU Langone Medical Center
9/21	Ethics Committee Chair		NYU Langone Medical Center

### Education and Training

#### Education

9/00-5/04	BA	Psychology	Johns Hopkins University
8/04-5/08	MD	Medicine	Tulane School of Medicine

#### Postgraduate Training

6/08-6/09	Intern	Medicine	Weill Cornell Medical College
6/09-6/11	Resident	Neurology	Weill Cornell Medical College
6/11-6/12	Chief Resident	Neurology	Weill Cornell Medical College
7/12-6/14	Fellow	Neurocritical Care	Harvard Medical School

#### Specialty Certification

9/12-9/22      American Board of Psychiatry and Neurology #57636

12/15-12/25 Neurocritical Care Board #MRA9233301389

### **Licensure**

8/09-3/22 New York Medical License #254529  
4/12-12/14 Massachusetts Medical License #250633

### **Other Certifications**

8/04-12/23 ACLS and BLS  
4/08-4/24 NYS Infection Control  
7/08-present NPI #1700046075  
3/12-3/23 DEA #FL3226330  
4/12-present mRS Certification  
4/12-present NIHSS Certification  
6/12-6/23 CITI Biomedical Research  
6/12-5/24 CITI Good Clinical Practice  
3/15-present Education in Palliative and End-of-Life Care (EPEC)  
12/20-12/23 CITI IRB Member

### **Previous Appointments**

#### **Academic Appointments**

7/14-3/18	Assistant Professor, Department of Neurology	NYU Langone School of Medicine
12/15-3/18	Assistant Professor, Department of Neurosurgery (secondary appointment)	NYU Langone School of Medicine
3/18-7/21	Associate Professor, Department of Neurology	NYU Langone School of Medicine
3/18-7/21	Associate Professor, Department of Neurosurgery (secondary appointment)	NYU Langone School of Medicine

#### **Hospital Appointments**

1/01-5/04	Research Assistant	Behavioral Pharmacology Research Unit	Johns Hopkins University
6/01-8/01, 6/02-8/02, 6/03-8/03	Research Coordinator	Neuroanesthesiology	Mount Sinai Hospital
6/08-6/09	Intern	Medicine	NYP--Weill Cornell
6/09-6/12	Resident	Neurology	NYP--Weill Cornell
6/09-6/12	Resident	Neurology	Memorial Sloan Kettering Cancer Center
7/12-6/14	Fellow	Neurocritical Care	Massachusetts General Hospital
7/12-6/14	Fellow	Neurocritical Care	Brigham and Women's Hospital
7/14-3/18	Assistant Professor	Neurology	NYU Langone Medical Center
7/14-3/18	Assistant Professor	Neurology	Bellevue Medical Center

12/15-3/18	Assistant Professor	Neurosurgery	NYU Langone Medical Center
3/18-3/21	Associate Professor	Neurology	Bellevue Medical Center
3/18-7/21	Associate Professor	Neurology	NYU Langone Medical Center
3/18-7/21	Associate Professor	Neurosurgery	NYU Langone Medical Center

### **Administrative Leadership Positions**

6/11-6/12	Chief Resident	Neurology	NYP--Weill Cornell
6/11-6/12	Chief Resident	Neurology	Memorial Sloan Kettering Cancer Center
1/21-8/21	Vice Chair	Ethics Committee	NYU Langone Medical Center

### **Other Professional Positions and Visiting Appointments**

2/08	International Doctor in Training	Medicine	Bwindi Community Hospital (Uganda)
3/12	International Resident	Critical Care	Bugando Medical Center (Tanzania)
3/14	International Fellow	Neurocritical Care	Caja de Seguro Social Hospital (Panama)

### **Awards and Honors**

5/04	Induction into psychology honors society	Psi Chi	Scholarship
3/12	American Academy of Neurology Annual Meeting Resident Scholarship	American Academy of Neurology	Leadership and scholarship
12/12	Fourth Quarter Shortest Door to Needle Time	Massachusetts General Hospital	Fastest administration of tPA from 9/12-12/12 (16 minutes from door to needle)
5/13	2012 Shortest Door to Needle Time	Massachusetts General Hospital	Fastest administration of tPA in 2012 (16 minutes from door to needle)
2/14	Fastest Door To Recanalization Award	Brigham and Women's Hospital	Fastest door to recanalization time (41 minutes)
6/14	Outstanding Total Acute Stroke Consults Volume Award	Massachusetts General Hospital	Most acute stroke consults in a 2-year period (379)
9/16	Neurocritical Care Leadership Forum	Neurocritical Care Society	Selected for participation in a forum on leadership in the neurocritical care community

6/18	NYU Grossman School of Medicine Innovative Award for Teaching Excellence	NYU Grossman School of Medicine	Selected for innovative teaching technique of incorporating simulation in neurology resident education
3/19	Third Place Trauma and Critical Care Poster Award	AANS Annual Scientific Meeting	“Benefits of the subdural evacuating port system (SEPS) procedure over traditional craniotomy for subdural hematoma evacuation” selected as a top poster for relevance to the neurotrauma community
5/19	Patient Satisfaction Award	NYU Langone Medical Center	KP16 was honored for highest patient satisfaction in nursing domains of HCAHPS
6/19	Patient Experience Award	NYU Langone Medical Center	Neurosurgery was identified as the highest performing service across 8 HCAHPS domains from FY 2017 to FY 2018
6/19	Best Clinical Service Project Award	NYU Langone Medical Center	“Reduction of hospital-onset infections in critical care” selected for top clinical service project award at Quality and Safety Day
6/19	Meritorious Project	NYU Langone Medical Center	“Decreasing CLABSI rate in the neurointensive care unit with a ‘back to the basics’ CLABSI boot camp” selected as a meritorious project at Quality and Safety Day
6/19	Magnet Recognition Project	NYU Langone Medical Center	“Decreasing CLABSI rate in the neurointensive care unit with a ‘back to the basics’ CLABSI boot camp” selected for Magnet Recognition at Quality and Safety Day
9/19	Top Peer Reviewer	Global Peer Review Awards Powered by Publons	Top 1% of reviewers in cross-field

9/19	Top Peer Reviewer	Global Peer Review Awards Powered by Publons	Top 1% of reviewers in clinical medicine
9/19	Top Peer Reviewer	Neurocritical Care	Recognized by editor as a top reviewer for Neurocritical Care journal in 2019
6/20	NYU Neurology Innovator Award	NYU Langone Medical Center	Selected for innovative leadership in response to COVID-19 pandemic
6/20	Fellow of Neurocritical Care Society	Neurocritical Care Society	Selected as a fellow for professionalism and collaborative multi- professional practice, program development, scholarly activity and leadership in neurocritical care
9/20	Top Peer Reviewer	Neurocritical Care	Recognized by editor as a top reviewer for Neurocritical Care journal in 2020
9/20	Neurocritical Care Society Presidential Citation	Neurocritical Care	Recognized for contributions to the Neurocritical Care Society
9/21	Distinguished Poster	Neurocritical Care Society Annual Meeting	“Improvements in Education of Surrogate Decision-Makers in the Neuroscience ICU are Needed”
6/22	Top 10 Downloaded Article	<i>Epilepsia</i> , Wiley Publishers	“Post-COVID-19 inflammatory syndrome manifesting as refractory status epilepticus” identified as a Top 10 downloaded article in the 12 months following publication of all works published in <i>Epilepsia</i> 1/1/19-12/31/20
7/22	Fellow of American Academy of Neurology	American Academy of Neurology	Selected as a fellow for academic, clinical and leadership in neurology
10/22	Outperformance 8 HCAHPS Domains	NYU Langone Medical Center	KP16 Unit recognized for outperformance of HCAHPS targets

1/23	Journal of Neuroimaging Top Cited Article 2021-2022	<i>Journal of Neuroimaging</i> , Wiley Publishers	“COVID-19 associated brain/spinal cord lesions and leptomeningeal enhancement: A meta-analysis of the relationship to CSF SARS-CoV-2” recognized as top cited article in Journal of Neuroimaging 2021-2022
3/23	Top Downloaded Article	<i>Journal of Neuroimaging</i> , Wiley Publishers	“COVID-19 associated brain/spinal cord lesions and leptomeningeal enhancement: A meta-analysis of the relationship to CSF SARS-CoV-2” recognized as one of the most downloaded articles in the 12 months following publication of all works published in <i>Journal of Neuroimaging</i> 1/1/21-12/31/21

## **Research Activity**

### **Research Activities**

1. Brain Death/End-of-Life Ethics
2. Communication and Professionalism
3. Quality Improvement in Neurocritical Care

### **Report of Funded Projects**

7/12-6/14	MR-Witness: Use of MRI to Determine Safety of tPA in Unwitnessed Stroke, NINDS, Site Co-Investigator
7/12-6/14	STOP-IT: Use of Factor VIIa in Intracranial Hemorrhage, NIH and Novo Nordisk, Site Co-Investigator
7/12-6/14	ATACH-II: Establishment of Blood Pressure Parameters in Intracranial Hemorrhage, NIH, Site Co-Investigator
7/12-6/14	DIAS-4: Use of Desmoteplase in Acute Ischemic Stroke, Lundbeck Pharmaceuticals, Site Co-Investigator
7/12-6/14	GAMES: Use of IV Glyburide in Acute Ischemic Stroke, Remedy Pharmaceuticals, Site Co-Investigator
7/12-6/14	SHINE: Maintenance of Tight Glycemic Control in Acute Ischemic Stroke, NIH, Site Co-Investigator
10/15-5/17	SAGE: Evaluating an Investigational Drug for Super-Refractory Status Epilepticus, SAGE Therapeutics, Site Co-Investigator

10/15-10/17	iDEF: Intracerebral Hemorrhage Deferoxamine Trial, NIH, Site Co-Investigator
5/16-3/20	DIAGNOSE CTE: Diagnostics, Imaging and Genetics Network for the Objective Study and Evaluation of Chronic Traumatic Encephalopathy Research Project, NINDS, Site Co-Investigator
3/17-2/19	Clinical Evaluation of the Effects of Hemodialysis on the Blood and Cerebrospinal Fluid Dynamics of Amyloid Beta Peptides in End Stage Renal Disease Patients, Renal Research Institute LLC, Site Co-Investigator
11/18-8/21	CHARM: Cirara in Large Hemispheric Infarction Analyzing mRS and Mortality, Biogen, Site Co-Investigator
1/20-12/22	Talking the Talk: Experiential learning for neurology faculty to develop peer to peer communication skills and professionalism, ABPN, Co-Investigator

### **Clinical Activity**

I am responsible for managing critically ill neurological, neurosurgical and orthopedics spine patients 18 weeks a year in the neuroscience intensive care unit at NYU Langone Medical Center.

### **Education Activity**

I am responsible for educating medical students, residents and advanced care providers about neurocritical care and neuroethics.

### **Teaching Experience**

#### **Students**

6/09-6/12 (128 hrs/yr)	Informal ward teaching for students about the neuro exam, general management of neurologic patients, and specific patient-based case discussions	Weill Cornell Medical College
7/14-present (108 hrs/yr)	Neuro-ICU Medical Student Preceptor	NYU Grossman School of Medicine
4/15-present (16 hrs/yr)	Medical Student Neurology Clerkship Preceptor	NYU Grossman School of Medicine
4/15-4/17 (4 hrs/yr)	Medical Student Bootcamp: Neurology Physical Exam Diagnosis and Education	NYU Grossman School of Medicine
8/15 (2 hrs)	Introduction to Stroke, High School Students	NYU Grossman School of Medicine
8/15-present (18 hrs/yr)	Neuro Emergencies, Medical Student Clerkship Core Lecture	NYU Grossman School of Medicine
3/16 (2 hours)	Neural Science Undergraduate Mentor Presentation	NYU
7/16-present (12 hrs/yr)	Brain Death Simulation	NYU Grossman School of Medicine
11/16-present (4 hrs/yr)	Neurosciences Problem-Based Learning	NYU Grossman School of Medicine
3/18 (2 hours)	Neural Science Undergraduate Mentor Presentation	NYU
3/18-present (3 hrs/yr)	Bioethics Workshop: Social Stigmata	NYU Grossman School of Medicine

11/18 (2 hours)	Bioethics Workshop: Medical Errors	NYU Grossman School of Medicine
11/19 (1 hour)	Bioethics Workshop: Death and Dying	NYU Grossman School of Medicine
5/21 (30 min)	Science Team Guest Speaker	Spence High School
10/21 (1 hour)	Death by Neurologic Criteria: What Chaplains Need to Know	NYU Clinical Pastoral Education
3/22 (1 hour)	Bioethics Workshop: Xenotransplantation	NYU Grossman School of Medicine
4/22-present (75 min/yr)	Controversies in the Declaration of Death by Neurologic Criteria, Masters in Bioethics Course	NYU
9/22 (90 min)	Controversies in the Declaration of Death by Neurologic Criteria, NYU Undergraduate Ethics Course	NYU

### **Advanced Practice Providers/Residents/Fellows/Nurses**

6/09-6/12 (120 hrs/yr)	Informal ward teaching for residents about the neuro exam, general management of neurologic patients, and specific patient-based case discussions	Weill Cornell Medical College
7/11- 4/12 (80 hrs/yr)	Student/Resident/Faculty Morning Report Facilitator	Weill Cornell Medical College
7/12-6/14 (144 hrs/yr)	Informal emergency room and intensive care unit teaching for residents about neuroemergencies	Harvard Medical School
7/14-present (144 hrs/yr)	Informal ward teaching for residents in Neurocritical Care	NYU Langone Medical Center
7/14-8/15 (4 hrs/yr)	Neurocritical Care Procedures, Residents	Bellevue Medical Center
8/14-present (4 hrs/yr)	Neurocritical Care Simulation, Residents	Bellevue Medical Center
10/14 (1 hr)	Controversies in Diagnosis of Brain Death, Residents	NYU Langone Medical Center
10/14-11/15 (1 hr/yr)	Management of Post-hemorrhagic Hydrocephalus, Residents	NYU Langone Medical Center
10/14-5/15 (10 hrs)	Neurology Physical Exam Diagnosis Education: Medicine Residents	Bellevue Medical Center
10/14-present (1 hr/yr)	Medical Complications in Neurocritical Care, Residents	NYU Langone Medical Center
4/15 (1 hr)	Medical Complications in Neurocritical Care, Neurosurgery ACP Grand Rounds	NYU Langone Medical Center
8/15 (1hr)	Effective Inpatient Communication, Residents	NYU Langone Medical Center
11/15 (1 hr)	Brain Death Evaluation, Residents	NYU Langone Medical Center
11/15 (1 hr)	Neurology in the Emergency Room Guest Speaker, Emergency Medicine Residents	Bellevue Medical Center



3/16 (2 hrs)	Brain Death Simulation Guest Speaker, Critical Care Fellows	VA Medical Center
3/16 (1 hr)	Brain Death Evaluation, Neurosurgery ACP Grand Rounds	NYU Langone Medical Center
3/16 (1 hr)	Breaking Bad News, Residents	NYU Langone Medical Center
3/16 (1 hr)	Neuromuscular Emergencies Guest Speaker, Critical Care Fellows	Bellevue Medical Center
11/16 (1 hr)	Management of Post-hemorrhagic Hydrocephalus, Neurosurgery ACP Grand Rounds	NYU Langone Medical Center
1/17-1/21 (1 hr/yr)	Ethics in Research and Neurology Faculty Supervisor, Residents	NYU Langone Medical Center
1/17- present (6 hrs/yr)	Brain Death Simulation, Residents	Bellevue Medical Center
4/17-12/17 (6 hrs/yr)	Neurocritical Care Journal Club Faculty Supervisor, Neurosurgery ACP	NYU Langone Medical Center
5/17 (1hr)	Management of Unbefriended Patients Faculty Supervisor, Residents	NYU Langone Medical Center
5/17 (1 hr)	Neuro Prognostication, Residents	NYU Langone Medical Center
5/17 (1 hr)	End of Life Care, Residents	NYU Langone Medical Center
6/17, 2/19 (1 hr)	End of Life and Prognostication, Neurosurgery ACP Grand Rounds	NYU Langone Medical Center
6/17 (1 hr)	Department of Medicine Morbidity and Mortality Conference Guest Speaker, Medicine Residents	NYU Langone Medical Center
9/17-present (1 hr/yr)	Anoxic/Hypoxic Brain Injury, Residents	NYU Langone Medical Center
4/18 (1 hr)	Anoxic/Hypoxic Brain Injury, Neurosurgery ACP Grand Rounds	NYU Langone Medical Center
5/19 (1 hr)	Brain Death and Organ Donation, Neuroscience Nurses	NYU Langone Medical Center
6/19 (45 min)	Ethics Simulation Guest Speaker, Critical Care Fellows	VA Medical Center
6/19 (1 hr)	Neuroemergencies, Neurosurgery ACP Grand Rounds	NYU Langone Medical Center
11/19-11/21 (1 hr/yr)	Intro to Stroke, Surgery Critical Care Fellows	NYU Langone Medical Center
12/19-12/22 (1 hr/yr)	Neuroemergencies, Surgery Critical Care Fellows	NYU Langone Medical Center
1/21 (1 hr)	Critically ill brain in cardiac arrest, Medical ICU APPs	NYU Langone Medical Center
3/22 (1 hr)	Keeping Up with the Literature...without getting Overwhelmed, Residents	NYU Langone Medical Center
4/22 (1 hr)	Neurology and the Law, Residents	NYU Langone Medical Center
5/22 (1 hr)	Neurology and the Law, Stroke Fellows	NYU Langone Medical Center

1/23 (1 hr)	Pediatric Brain Death Determination, Residents	NYU Langone Medical Center
<b>Faculty</b>		
3/14 (1 hr)	Brain Death, Department of Critical Care Grand Rounds	Caja de Seguro Social Hospital (Panama)
12/15 (30 min)	Infection Prevention in the Neuro-ICU, NYU Neurosurgery CME Annual Course	NYU Langone Medical Center
2/15 (1 hr)	Complications associated with Brain Death Determination, Department of Neurology Grand Rounds	NYU Langone Medical Center
5/16-5/18 (2 hrs/yr)	Brain Death Simulation for Neurology Faculty	Bellevue Medical Center
7/16 (1 hr)	Complications associated with Brain Death Determination, Department of Neurology Grand Rounds	Maimonides Medical Center
10/16 (1 hr)	Complications associated with Brain Death Determination, Department of Medicine Conference	Bellevue Medical Center
10/16 (30 min)	American Academy of Neurology Brain Death Summit Introduction	Brain Death Working Group
12/16 (1hr)	Complications associated with Brain Death Determination, Multidisciplinary Interdepartmental Conference	Newark Beth Israel Medical Center
12/16 (20 min)	Case Series: Intracerebral Hemorrhage, NYU Neurology CME Annual Course	NYU Langone Medical Center
10/17 (20 min)	Evaluation of Brain Death and Management of Donors	Neurocritical Care Society
10/17 (20 min)	Practice Update: Comatose States and Brain Death	Neurocritical Care Society
11/17 (20 min)	Hypothermia Prior to Brain Death Determination	World Congress of Intensive and Critical Care Medicine Pre-Conference on Brain Death
11/17 (20 min)	Responses to Family Requests for Accommodation Prior to or Following Brain Death Determination	World Congress of Intensive and Critical Care Medicine Pre-Conference on Brain Death
11/17 (20 min)	Somatic Support after Brain Death Determination	World Congress of Intensive and Critical Care Medicine Pre-Conference on Brain Death
11/17 (20 min)	Brain Death: an Attempt to Develop a Worldwide Concept	World Congress of Intensive and Critical Care Medicine
12/17 (1 hr)	Controversial Aspects of Determination of Brain Death in Pediatric Patients, Department of Pediatric Neurology Grand Rounds	NYU Langone Medical Center

12/17 (1 hr)	Controversial Aspects of Brain Death Determination, Department of Neurology Grand Rounds	Boston University Medical Center
3/18 (1 hr)	Controversial Aspects of Brain Death Determination, Department of Neurology Grand Rounds	Mount Sinai Hospital
3/18 (1 hr)	Controversial Aspects of Brain Death Determination, Department of Neurology Grand Rounds	Mount Sinai Beth Israel Hospital
4/18 (15 min)	Update on Brain Death Work Group	American Academy of Neurology Ethics Section
4/18 (30 min)	Communication about Brain Death: How to Approach Families and What to Tell Them	American Academy of Neurology Brain Death Workshop
4/18 (2 hrs)	Brain Death Vignettes	American Academy of Neurology Brain Death Workshop
9/18 (1hr)	Controversial Aspects of Brain Death Determination, Department of Neurology Grand Rounds	Northwell Hospital
9/18 (30 min)	Brain Death: Communication and Controversies	Neurocritical Care Society Brain Death Workshop
9/18 (2 hrs)	Brain Death Vignettes	Neurocritical Care Society Brain Death Workshop
9/18 (20 min)	Legal Challenges and Academic Critiques of Brain Death Determination	Neurocritical Care Society
10/18 (15min)	Ethical and Legal Challenges in the Determination of Brain Death	Child Neurology Society
1/19 (1 hr)	Controversial Aspects of Brain Death Determination, Department of Neurology Grand Rounds	NYP--Weill Cornell
5/19 (30 min)	Communication about Brain Death: How to Approach Families and What to Tell Them	American Academy of Neurology Brain Death Workshop
5/19 (2 hrs)	Brain Death Vignettes	American Academy of Neurology Brain Death Workshop
5/19 (30 min)	Brain Death and the Law	American Academy of Neurology
5/19 (10 min)	Simulation in Neurology Education: tPA Authorization	American Academy of Neurology
10/19 (2 hours)	Brain Death Vignettes	Neurocritical Care Society
10/19 (30min)	Declaration Post-TTM/HACA (32-34C)—how long do we wait?	Neurocritical Care Society
10/19 (20 min)	Practice Update: Comatose States and Brain Death	Neurocritical Care Society

10/19 (30 min)	Medical and Legal Criteria for Brain Death around the World	American Academy of Neurology
11/19 (20 min)	The Critically Ill Brain in Cardiac Arrest	New York Academy of Sciences
2/20 (1 hr)	Controversial Aspects of Brain Death Determination, Department of Critical Care Medicine Grand Rounds	University of Pittsburgh Medical Center
10/20 (20 min)	Pearls and Pitfalls in Brain Death Determination-adult, pediatric and pregnancy special considerations	Neurocritical Care Society
11/20 (45 min)	Death definition and determination: neurological determination of death	Canadian Critical Care Society Definition and Determination of Death Committee
11/20 (30 min)	Death by neurological criteria	Uniform Law Commission Study Committee on Updating the Uniform Determination of Death Act
3/21 (30 min)	Neuro-oncology	Society of Critical Care Medicine
3/21 (30 min)	Coma and altered states of consciousness	Society of Critical Care Medicine
3/21 (30 min)	Clinical Assessment is the Gold Standard for Determination of Death by Neurologic Criteria	Neubauer Collegium: Making Progress on Death-Towards an Updated Normative Framework
3/21 (30 min)	Lessons from the World Brain Death Project	Curing Coma Project: World Coma Day
4/21 (1 hr)	Controversial Aspects of Brain Death Determination, Neurocritical Care Grand Rounds	Harborview Medical Center-University of Washington
5/21 (30 min)	Ethical considerations for the patient in coma	Challenging the Future of Research for Coma and Disorders of Consciousness Part II, Neurocritical Care Society/National Institute of Neurological Disorders and Stroke
5/21 (30 min)	Should Consent be Required Prior to Declaration of Death by Neurological Criteria?	VA National Center for Ethics in Health Care
6/21 (30 min)	Determination of Death by Neurological Criteria	Louisiana Organ Procurement Agency Physician Engagement Lecture Series
9/21 (20 min)	Rationales to Revise the UDDA: the Physician's Perspective	Organ Donation and Transplantation Alliance
9/21 (15 min)	Cutting Edge Topics in Brain Death	Organ Donation and Transplantation Alliance
9/21 (1 hr)	Intersection of Neurology and Religion	Ascension Research Journal Club
10/21 (20 min)	Ethics Education for Lawmakers: Revising the Uniform Determination of Death Act	Neurocritical Care Society

11/21 (1 hr)	What's New with Brain Death: Standards, Scholarship and Statutes, Department of Neurology Grand Rounds	NYU Langone Medical Center
11/21 (1 hr)	Prognostication in Brain Injury, Division of Palliative Medicine Conference	NYU Langone Medical Center
12/21 (1 hr)	Moving Toward Better Quality and Uniformity in Brain Death Determinations: Ethical and Legal Considerations	Organ Donation and Transplantation Alliance
4/22 (30 min)	Brain Death and the Law	American Academy of Neurology
4/22 (2 hrs)	Brain Death Vignettes	American Academy of Neurology Brain Death Workshop
4/22 (60 min)	Introduction to Brain Death	American Academy of Neurology Brain Death Workshop
6/22 (60 min)	What's New with Brain Death: Standards, Scholarship and Statutes, Medical Ethics Lecture	NYU Langone Medical Center
8/22 (60 min)	What's New with Brain Death: Standards, Scholarship and Statutes, Multidisciplinary Critical Care Grand Rounds	Rush University Medical Center
8/22 (60 min)	Brain Death: Clinical Evaluation and Controversies, Neurosurgery Online Training	Izmir Ataturk Education and Research Hospital, Turkey
10/22 (60 min)	What's New with Brain Death: Standards, Scholarship and Statutes, Neurology Grand Rounds	Penn State University Medical Center
10/22 (30 min)	Nontraditional Research: Education, Quality Improvement and Bioethics	American Neurological Association Research Careers Reimagined Meeting
10/22 (45 min)	Neuroethics	American Academy of Neurology
1/23 (60 min)	International Variability in the Diagnosis and Management of Disorders of Consciousness, Palliative Care Grand Rounds	NYU Long Island Hospital
2/23 (60 min)	What's New with Brain Death: Standards, Scholarship and Statutes, Palliative Care/Geriatrics Grand Rounds	NYU Langone Medical Center
2/23 (25 min)	Pathophysiology of Disorders of Consciousness	American Physical Therapy Association
4/23 (30 min)	Brain Death and the Law	American Academy of Neurology
4/23 (2 hrs)	Brain Death Vignettes	American Academy of Neurology Brain Death Workshop
4/23 (1 hr)	What's New with Brain Death: Standards, Scholarship and Statutes, Neurology Grand Rounds	UCLA Medical Center

**Mentoring and Advising**

7/14-present	NYU Undergraduate Faculty Mentor/Liason	NYU Undergraduate Mentorship Program
7/14-9/14	Sarah Karinja, Columbia University School of Medicine	Neurological Emergencies Outcomes at NYU (NEON) Database Design
8/14-5/16	Jina Park, NYU School of Medicine	Neurological Emergencies Outcomes at NYU (NEON) Database Monitoring
8/14-5/15	Rachel Rattenni, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/14-7/15	Shravani Pathak, Columbia University Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/14-8/15	Rebecca Zhuo, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/14-12/15	Deanna Lee, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/14-6/16	Stephanie Peterson, NYU Undergraduate/Masters of Bioethics	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/14-6/18	Fred Lee, NYU Undergraduate	<ul style="list-style-type: none"> <li>• Brain Research of Acute Injury at NYU (BRAIN) Intern;</li> <li>• Middle author on poster “How does pre-existing hypertension affect patients with intracerebral hemorrhage?” at <i>Neurocritical Care Conference</i> and <i>American Academy of Neurology Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i></li> </ul>
8/14-present	Jonathan Rosenthal, NYU Undergraduate/School of Medicine/Neurology Resident	<ul style="list-style-type: none"> <li>• Brain Research of Acute Injury at NYU (BRAIN) Intern;</li> <li>• First author on poster at <i>World Intracranial Hemorrhage Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i> and first author on paper “Highest in-hospital glucose measurements are associated with neurological outcomes in intracerebral hemorrhage patients” in <i>J Stroke Cerebrovasc Dis</i>;</li> <li>• Middle author on poster “How does pre-existing hypertension affect patients with intracerebral hemorrhage?” at <i>Neurocritical Care Conference</i> and <i>American Academy of Neurology Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i> and paper in <i>J Stroke Cerebrovasc Dis</i></li> </ul>

6/15-12/15	Harpaul Bhamra, NYU Neurology Resident	Middle author on poster at <i>Neurocritical Care Conference</i> and <i>NYU Langone Medical Center Quality Day</i> and paper “Antibiotic prophylaxis for subdural and subgaleal drains” in <i>JNS</i>
7/15-12/15	Breehan Chancellor, NYU Neurology Resident	Second author on paper “Controversies in cardiopulmonary death” in <i>J Clin Ethic</i>
7/15-12/17	Michael Fara, NYU Neurology Resident/Stroke Fellow	First author on paper “Controversies in cardiopulmonary death” in <i>J Clin Ethic</i> ; Second author on paper “Ethical challenges in acute evaluation of suspected psychogenic stroke mimics” in <i>J Clin Ethic</i>
7/15-6/19	Aaron Rothstein, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper “The challenges of discussing ‘longshot’ and ‘fantasy’ treatments” in <i>AJOB</i>;</li> <li>• Second author on poster at <i>NYU Langone Medical Center Quality Day</i> and paper “Results of a quality improvement initiative reassessing our institutional lumbar drain infection prevention protocol” in <i>JNS Spine</i>;</li> <li>• First author on paper “Right brain: withholding treatment from a child with an epileptic encephalomyopathy” and “Author response: withholding treatment from a child with an epileptic encephalomyopathy” in <i>Neurology</i>;</li> <li>• Middle author on paper “Surveillance venous duplex ultrasound in the neurosurgical population: a single-center quality improvement initiative” in <i>World Neurosurgery</i></li> </ul>
7/15-6/19	Kaitlyn Lillemoe, NYU Neurology Resident/Stroke Fellow	<ul style="list-style-type: none"> <li>• First author on poster “Neurologic complications of end-stage liver disease” at <i>NYU Langone Medical Center Neurology Research Day</i>;</li> <li>• First author on poster “Factors associated with code status in acute neurologic illness” at <i>American Academy of Neurology Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i>;</li> <li>• First author on paper “Factors associated with DNR status after nontraumatic intracranial hemorrhage” in <i>Neurohospitalist</i></li> </ul>
8/15-12/16	Jacques Manceau, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern

9/15-6/16	Katherine Lang Cahn, NYU Masters of Bioethics	Second author on paper “Shouldn’t dead be dead? The search for a uniform definition of death” in <i>J Law Med Ethics</i>
9/15-6/16	Rajeev Sen, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• Second author on poster at <i>Neurocritical Care Conference</i> and <i>NYU Langone Medical Center Quality Day</i> and paper “Antibiotic prophylaxis for subdural and subgaleal drains” in <i>JNS</i>;</li> <li>• Middle author on paper “Discontinuation of postoperative prophylactic antibiotics after non-instrumented spinal surgery: results of a quality improvement project” in <i>Neurohospitalist</i></li> </ul>
9/15-12/16	Travis Hill, NYU Grossman School of Medicine/Neurosurgery Resident	<ul style="list-style-type: none"> <li>• Middle author on poster at <i>Neurocritical Care Conference</i> and <i>NYU Langone Medical Center Quality Day</i> and paper “Antibiotic prophylaxis for subdural and subgaleal drains” in <i>JNS</i>;</li> <li>• Middle author on paper “Discontinuation of postoperative prophylactic antibiotics after non-instrumented spinal surgery: results of a quality improvement project” in <i>Neurohospitalist</i></li> </ul>
9/15-3/18	Herbert James, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• Middle author on poster at <i>Neurocritical Care Conference</i> and <i>NYU Langone Medical Center Quality Day</i> and paper “Antibiotic prophylaxis for subdural and subgaleal drains” in <i>JNS</i>;</li> <li>• Middle author on poster at <i>Neurocritical Care Conference</i> and <i>American Academy of Neurology Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i> paper “A single-center intervention to discontinue postoperative antibiotics after spinal fusion” in <i>Br J Neurosurg</i>;</li> <li>• Middle author on paper “Discontinuation of postoperative prophylactic antibiotics after non-instrumented spinal surgery: results of a quality improvement project” in <i>Neurohospitalist</i></li> </ul>



9/15-6/18	Jessica Lin, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• Middle author on poster at <i>Neurocritical Care Conference</i>, presenter of poster at <i>NYU Langone Medical Center Quality Day</i>, and paper “Antibiotic prophylaxis for subdural and subgaleal drains” in <i>JNS</i>;</li> <li>• Second author and presenter of poster at <i>Neurocritical Care Conference</i> and <i>American Academy of Neurology Conference</i> and oral presentation at <i>NYU Langone Medical Center Neurology Research Day</i> and and Winner of NYU Department of Neurology Quality Improvement Project Award for her contribution to paper “A single-center intervention to discontinue postoperative antibiotics after spinal fusion” in <i>Br J Neurosurg</i>;</li> <li>• Second author on paper “Discontinuation of postoperative prophylactic antibiotics after non-instrumented spinal surgery: results of a quality improvement project” in <i>Neurohospitalist</i></li> </ul>
2/16-present	Lindsey Gurin, NYU Neurology Resident/Faculty	<ul style="list-style-type: none"> <li>• First author on paper “Early neurorehabilitation and recovery from disorders of consciousness after severe COVID-19” in <i>Neurocrit Care</i> and poster at <i>World Congress on Brain Injury</i>;</li> <li>• First author on oral presentation “Recovery from disorders of consciousness after severe COVID-19” at <i>American Academy of Neurology</i>;</li> <li>• First author on poster “Uncertainty, futility, and the “risk of unbearable badness”: clinician perceptions of prognosis and recovery after severe brain injury” at <i>NYU Langone Medical Center Rudin Fellowship Showcase</i>;</li> <li>• NYU Department of Neurology Mentorship Program</li> </ul>

8/16-5/17	Miguel Litao, NYU Neurology Stroke Fellow	<ul style="list-style-type: none"> <li>• First author on poster “Association of cerebral microbleeds with premorbid, admission, and discharge function in patients with intracerebral hemorrhage” at <i>World Intracranial Hemorrhage Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i>;</li> <li>• Second author on poster “Risk factors for asymptomatic microbleeds in patients with intracerebral hemorrhage” at <i>World Intracranial Hemorrhage Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i></li> </ul>
8/16-5/17	Matthew Sanger, NYU Neurology Stroke Fellow	<ul style="list-style-type: none"> <li>• First author on poster “Risk factors for asymptomatic microbleeds in patients with intracerebral hemorrhage” at <i>World Intracranial Hemorrhage Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i>;</li> <li>• Second author on poster “Association of cerebral microbleeds with premorbid, admission, and discharge function in patients with intracerebral hemorrhage” at <i>World Intracranial Hemorrhage Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i></li> </ul>
8/16-6/19	Matthew Generoso, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/16-6/18	Kathryn Sharma, NYU Graduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/16-6/19	Margish Ramani, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
8/16-6/17	Min Oh, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
10/16-2/17	Anne Krok, NYU Grossman School of Medicine	Middle author on poster at <i>Neurocritical Care Conference</i> and <i>American Academy of Neurology Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i> and paper “A single-center intervention to discontinue postoperative antibiotics after spinal fusion” in <i>Br J Neurosurg</i>
1/17-6/17	Edouard Kamel, University of Massachusetts Neurology Resident	Neurocritical Care Society Mentorship Program

2/17-6/18	Alexandra Lloyd-Smith Sequeira, NYU Neurology Resident/New York Presbyterian-Weill Cornell Epilepsy Fellow	<ul style="list-style-type: none"> <li>• First author on paper “Ethical and legal considerations in the management of an unbefriended patient in a vegetative state” in <i>Neurocrit Care</i>;</li> <li>• First author on paper “Ethical challenges in acute evaluation of suspected psychogenic stroke mimics” in <i>J Clin Ethic</i>;</li> <li>• First author on paper “The future development of a depot antiepileptic drug: what are the ethical implications?” in <i>Epilepsy Behav</i></li> </ul>
4/17-9/19	Dave Valentine, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on poster at <i>Neurocritical Care Conference</i> and <i>American Academy of Neurology Conference</i> and <i>NYU Langone Medical Center Neurology Research Day</i> and paper “How does pre-existing hypertension affect patients with intracerebral hemorrhage?” in <i>J Stroke Cerebrovasc Dis</i>;</li> <li>• First author on poster at <i>American Epilepsy Society</i> and paper “Use of an observed standardized clinical encounter (OSCE) to teach neurology residents how to discuss the diagnosis of nonepileptic seizures” in <i>Epilepsy Behav</i></li> </ul>

7/17-12/22	Elizabeth Carroll, NYU Neurology Resident and Fellow and Neurologist-in-Training Clinical Ethics Elective Fellow (one of three trainees selected for participation in 2019-2020 by American Academy of Neurology Ethics, Law and Humanities Committee from 30 applicants)	<ul style="list-style-type: none"> <li>• First author on paper “Prevention of surgical site infections after brain surgery: the Prehistoric Period to the Present” in <i>Neurosurg Focus</i>;</li> <li>• First author on paper “Using objective structured clinical exams (OSCE) to teach neurology residents to disclose prognosis after hypoxic ischemic brain injury” in <i>J Stroke Cerebrovasc Dis</i> and posters at <i>Society of Critical Care Medicine</i>, <i>American Academy of Neurology</i>, <i>NYU Langone Medical Center Medical Education Innovations and Scholarship Day</i> and <i>NYU Neurology Abstract Presentation Day</i>;</li> <li>• First author on paper “Post-COVID-19 inflammatory syndrome manifesting as refractory status epilepticus” in <i>Epilepsia</i>;</li> <li>• First author on paper “Cerebrospinal fluid findings in patients with seizures in the setting of COVID-19: a review of the literature” in <i>Seizure</i> and poster at <i>Neurocritical Care Conference</i>;</li> <li>• First author on paper Catastrophic intracranial hemorrhage in two critically ill patients with COVID-19 in <i>Neurocrit Care</i>;</li> <li>• First author on paper “Neuroprognostication after cardiac arrest: Who recovers? Who progresses to brain death?” in <i>Semin Neurol</i>;</li> <li>• First author on paper “An evaluation of surrogate decision maker health literacy in the neurology ward and neuroscience ICU” in <i>J Neurol Sci</i>;</li> <li>• First author on chapter “Brain death discussions” in <i>Shared Decision-Making in Adult Critical Care</i>, Cambridge University Press, 2021;</li> <li>• Middle author on paper “Special considerations in the assessment of catastrophic brain injury and determination of brain death in patients with SARS-CoV-2” in <i>J Neurol Sci</i>;</li> </ul>
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10/17-6/19	Albert Liu, NYU Grossman School of Medicine Rudin Medical Ethics and Humanities Fellow/Neurosurgery Resident	First author on oral presentation “Ethical issues in obtaining informed consent for neurostimulation” at <i>NYU Langone Medical Center Rudin Fellowship Showcase</i>
3/18-7/20	Danielle Golub, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• First author on paper in <i>Neurohospitalist</i> and poster “Benefits of the subdural evacuating port system (SEPS) procedure over traditional craniotomy for subdural hematoma evacuation” presented at <i>American Academy of Neurosurgery Conference</i>;</li> <li>• Middle author on paper “Surveillance venous duplex ultrasound in the neurosurgical population: a single-center quality improvement initiative” in <i>World Neurosurgery</i></li> </ul>
4/18-12/18	Aleksandra Yakhkind, Brown Neurology Resident	Neurocritical Care Society Mentorship Program

4/18-4/19	Luke Moretti, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• First author on poster “The use and yield of vascular imaging in patients with subcortical hemorrhages” at <i>American Academy of Neurology Conference</i>;</li> <li>• First author on poster “Performance and yield of MRI in patients with subcortical hemorrhages” at <i>American Academy of Neurology Conference</i></li> </ul>
6/18-7/20	Peter Rozman, NYU Neurosurgery Resident	First author on paper “Surveillance venous duplex ultrasound in the neurosurgical population: a single-center quality improvement initiative” in <i>World Neurosurgery</i>
6/18-7/20	David Kurland, NYU Neurosurgery Resident	Second author on paper “Surveillance venous duplex ultrasound in the neurosurgical population: a single-center quality improvement initiative” in <i>World Neurosurgery</i>
7/18-3/19	Olivia Scheyer, NYU Langone Medical Center Department of Population Health Division of Medical Ethics Intern	Second author on paper “Legal objections to use of neurologic criteria to declare death in the United States: 1968-2017” in <i>CHEST</i>
9/18-5/21	Emma Huang, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
9/18-9/20	Ria Patel, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
9/18-5/20	Sasha Gerard, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
9/18-5/20	Sabana Gonzalez, NYU Undergraduate	Brain Research of Acute Injury at NYU (BRAIN) Intern
9/18-3/20	Brandon Giglio, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on oral abstract “Herpes Simplex Virus-1 Encephalitis provoked by radiotherapy, corticosteroids and chemotherapy in a patient with metastatic breast cancer” presented at <i>NYU Neurology Abstract Presentation Day</i>;</li> <li>• Middle author on paper “A case series of Guillain-Barre Syndrome following Covid-19 infection in New York” in <i>Neurol Clin Pract</i></li> </ul>
11/18-12/21	Sylvia Kurz, NYU Langone Medical Center, Assistant Professor	NYU Department of Neurology Mentorship Program

11/18-7/20	Jordan Liebman, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• Middle author on paper “Determination of death by neurologic criteria around the world” in <i>Neurology</i>;</li> <li>• Second author on paper “Determination of brain death/death by neurologic criteria in countries in Asia and the Pacific” in <i>J Clin Neurol</i>;</li> <li>• Middle author on paper “Determination of death by neurologic criteria in Latin American and Caribbean countries” in <i>Clin Neurol Neurosurg</i>;</li> <li>• Second author on paper “Ancillary testing for determination of death by neurologic criteria around the world” in <i>Neurocrit Care</i>;</li> <li>• Middle author on paper “Barriers to the use of neurologic criteria to declare death in Africa” in <i>Am J Hosp Palliat Med</i></li> </ul>
12/18-7/20	Azza Bakkar, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• Second author on paper “Determination of death by neurologic criteria around the world” in <i>Neurology</i>;</li> <li>• Middle author on paper “Determination of brain death/death by neurologic criteria in countries in Asia and the Pacific” in <i>J Clin Neurol</i>;</li> <li>• Middle author on paper “Determination of death by neurologic criteria in Latin American and Caribbean countries” in <i>Clin Neurol Neurosurg</i>;</li> <li>• Middle author on paper “Ancillary testing for determination of death by neurologic criteria around the world” in <i>Neurocrit Care</i></li> </ul>

12/18-7/20	Andrew Kumpfbeck, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• Middle author on paper “Determination of death by neurologic criteria around the world” in <i>Neurology</i>;</li> <li>• Middle author on paper “Determination of brain death/death by neurologic criteria in countries in Asia and the Pacific” in <i>J Clin Neurol</i>;</li> <li>• Middle author on paper “Determination of death by neurologic criteria in Latin American and Caribbean countries” in <i>Clin Neurol Neurosurg</i>;</li> <li>• Middle author on paper “Ancillary testing for determination of death by neurologic criteria around the world” in <i>Neurocrit Care</i>;</li> <li>• Second author on paper “Barriers to the use of neurologic criteria to declare death in Africa” in <i>Am J Hosp Palliat Med</i></li> </ul>
12/18-7/20	Elana Kreiger-Benson, NYU Grossman School of Medicine	<ul style="list-style-type: none"> <li>• Middle author on paper “Determination of death by neurologic criteria around the world” in <i>Neurology</i>;</li> <li>• Middle author on paper “Determination of brain death/death by neurologic criteria in countries in Asia and the Pacific” in <i>J Clin Neurol</i>;</li> <li>• Second author on paper “Determination of death by neurologic criteria in Latin American and Caribbean countries” in <i>Clin Neurol Neurosurg</i>;</li> <li>• Middle author on paper “Ancillary testing for determination of death by neurologic criteria around the world” in <i>Neurocrit Care</i></li> </ul>
12/18-3/20	Rebecca Stainman, NYU Pediatric Neurology Resident	First author on paper in <i>Neurology</i> and platform presentation at <i>American Academy of Neurology Conference</i> “Identifying and addressing impaired co-residents in the era of physician burnout”
1/19-10/19	Kelsey Cacic, San Antonio Uniformed Services Health Education Consortium Resident	Neurocritical Care Society Mentorship Program; First author on poster “Resident bootcamp for neurological emergencies at a military residency program” at <i>Neurocritical Care Conference</i>
1/19-10/20	Ben Fuchs, NYU Neurology and Psychiatry Resident	First author on abstract “A case of acute persistent aphasia resolved with intravenous thiamine” at <i>NYU Psychiatry Research Day</i>



2/19-8/19	Katlyn Nemani, NYU Neurology and Psychiatry Resident	Anticipated first author on chapter “Neuroprognostication after status epilepticus” in <i>Neuroprognostication in Critical Care: a Contemporary Approach</i>
8/19-6/21	Levi Dygert, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper “Who should make medical decisions when a patient lacks an advance directive?” in <i>Neurohospitalist</i>;</li> <li>• First author on paper “Reply to Dr. Ioannou Re: ‘Who should make medical decisions when a patient lacks an advance directive’” in <i>Neurohospitalist</i></li> </ul>
10/19-10/20	Sok Lee, University of Pennsylvania Neurocritical Care Fellow	Anticipated first author on chapter “Brain death in the United States: what every ethics consultant should know” in <i>Thorny Issues in Clinical Ethics Consultation: North American and European Perspectives</i>
12/19-6/20	Chai Medicherla, NYU Neurology Resident	First author on paper “Critically ill brain after cardiac arrest” in <i>Ann NY Acad Sci</i>
2/20-6/23	Dhristie Bhagat, NYU Pediatric Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper “The case against solicitation of consent for apnea testing” in <i>AJOB</i>;</li> <li>• First author on paper “Treatment and prognosis after hypoxic-ischemic brain injury” in <i>Curr Treat Options Neurol</i></li> </ul>
2/20-9/20	Rachel Pauley, NYU Pediatric Neurology Resident	First author on poster at <i>Neurocritical Care Conference</i> “Wernicke’s encephalopathy: a rare complication of Crohn’s disease”
2/20-9/20	Arooshi Kumar, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper “Meningitis in the setting of frontoethmoidal and temporal meningoencephaloceles” in <i>Neurohospitalist</i>;</li> <li>• First author on paper “Delayed SARS-CoV-2 leukoencephalopathy without severe hypoxia” in <i>J Neurol Sci</i>;</li> <li>• Second author on poster at <i>Neurocritical Care Conference</i> “Wernicke’s encephalopathy: a rare complication of Crohn’s disease”</li> </ul>
4/20-4/21	Kelly Rath, ACNP at University of Cincinnati Medical Center	First author on paper “Fluctuating code status: strategies to minimize end-of-life conflict in the neurocritical care setting” in <i>Am J Hosp Palliat Med</i>

4/20-5/20	Monica Chan, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper “A case series of Guillain-Barre Syndrome following Covid-19 infection in New York” in <i>Neurol Clin Pract</i>;</li> <li>• Middle author on paper “Pearls and Oysters: leukoencephalopathy in critically ill COVID-19 patients” in <i>Neurology</i></li> </ul>
4/20-5/20	Steve Han, NYU Neurology Resident	Second author on paper “A case series of Guillain-Barre Syndrome following Covid-19 infection in New York” in <i>Neurol Clin Pract</i>
4/20-9/20	Michael Tamimi, NYU Neurology Resident	Middle author on paper “A case series of Guillain-Barre Syndrome following Covid-19 infection in New York” in <i>Neurol Clin Pract</i>
4/20-5/20	Sean Kelly, NYU Neurology Resident	Middle author on paper “A case series of Guillain-Barre Syndrome following Covid-19 infection in New York” in <i>Neurol Clin Pract</i>
4/20-9/20	Alexandra Kvernland, NYU Neurology Resident	Middle author on paper “Special considerations in the assessment of catastrophic brain injury and determination of brain death in patients with SARS-CoV-2” in <i>J Neurol Sci</i>
4/20-9/20	Steven Bondi, NYU Neurology Resident	Middle author on paper “Special considerations in the assessment of catastrophic brain injury and determination of brain death in patients with SARS-CoV-2” in <i>J Neurol Sci</i>
4/20-7/20	Hillary Eichelberger, NYU Neurology Resident	Second author on paper “Pearls and Oysters: leukoencephalopathy in critically ill COVID-19 patients” in <i>Neurology</i>
4/20-9/20	Eduard Vales Valderrama, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper “Special considerations in the assessment of catastrophic brain injury and determination of brain death in patients with SARS-CoV-2” in <i>J Neurol Sci</i>;</li> <li>• Middle author on paper “Pearls and Oysters: leukoencephalopathy in critically ill COVID-19 patients” in <i>Neurology</i>;</li> <li>• Second author on poster at <i>Neurocritical Care Conference</i> “Catastrophic intracranial hemorrhage in three critically ill patients with COVID-19”</li> </ul>

4/20-9/20	Thomas Snyder, NYU Neurology Resident	Middle author on paper “Special considerations in the assessment of catastrophic brain injury and determination of brain death in patients with SARS-CoV-2” in <i>J Neurol Sci</i>
4/20-7/20	Hao Huang, NYU Neurology Resident	First author on paper “Pearls and Oy-sters: leukoencephalopathy in critically ill COVID-19 patients” in <i>Neurology</i>
5/20-3/21	Siddhant Dogra, NYU Grossman Medical Student	Middle author on paper “Increase in ventricle size and the evolution of white matter changes on serial imaging in critically-ill patients with COVID-19” in <i>Neurocrit Care</i>
5/20-6/21	Shashank Agarwal, NYU Neurology Resident and Stroke Fellow	<ul style="list-style-type: none"> <li>• First author on paper “Cerebral microbleeds and leukoencephalopathy in critically ill COVID-19 patients” in <i>Stroke</i>;</li> <li>• Second author on paper “Special considerations in the assessment of catastrophic brain injury and determination of brain death in patients with SARS-CoV-2” in <i>J Neurol Sci</i>;</li> <li>• First author on paper “Serial imaging of virus associated acute necrotizing disseminated leukoencephalopathy in COVID-19” in <i>Am J Neuroradiol</i>;</li> <li>• First author on paper “Increase in ventricle size and the evolution of white matter changes on serial imaging in critically-ill patients with COVID-19” in <i>Neurocrit Care</i></li> </ul>
7/20-present	Anlys Olivera, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on poster at <i>American Academy of Neurology Annual Meeting</i> “Factors associated with anxiety after hemorrhagic stroke”;</li> <li>• Second author on paper “Delayed SARS-CoV-2 leukoencephalopathy without severe hypoxia” in <i>J Neurol Sci</i>;</li> <li>• Middle author on paper in <i>JSCVD</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Factors associated with depression after hemorrhagic stroke”</li> </ul>

10/20-present	Sarah Ecker, NYU Undergraduate then NYU Langone Medical Center Nurse	<ul style="list-style-type: none"> <li>• Brain Research of Acute Injury at NYU (BRAIN) Intern;</li> <li>• First author on paper in <i>JSCVD</i> and poster at <i>American Academy of Neurology Annual Meeting</i> and <i>NYU Langone Medical Center Psychiatry Research Day</i> “Psychological outcome after hemorrhagic stroke is related to functional status”;</li> <li>• First author on poster at <i>American Academy of Neurology Annual Meeting</i> and <i>NYU Langone Medical Center Psychiatry Research Day</i> “Factors associated with sleep disturbance after hemorrhagic stroke”;</li> <li>• Second author on poster at <i>American Academy of Neurology Annual Meeting</i> “Factors associated with anxiety after hemorrhagic stroke”;</li> <li>• Second author on poster at <i>American Academy of Neurology Annual Meeting</i> “Emotional and behavioral dyscontrol is more likely after intracerebral hemorrhage than subarachnoid hemorrhage”;</li> <li>• Second author on poster at <i>American Academy of Neurology Annual Meeting</i> “Factors associated with depression after hemorrhagic stroke”</li> </ul>
10/20-3/23	Megan Finneran, Neurosurgery Resident at Carle BroMenn Medical Center	First author on “Engagement of a state medical society to promote uniform hospital policies on determination of brain death” in <i>Neurohospitalist</i>

2/21-6/22	Leah Croll, NYU Neurology Resident and Stroke Fellow	<ul style="list-style-type: none"> <li>• Middle author on paper in <i>J Thromb Thrombolysis</i> “Pre-admission antithrombotic use is associated with 3-month mRS score after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on paper in <i>JSCVD</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Tachycardia is associated with mortality after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on paper in <i>Clin Neuro Neurosurg</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Markers of infection and inflammation are associated with post-thrombectomy mortality in acute stroke”;</li> <li>• Middle author on poster at <i>American Academy of Neurology Annual Meeting</i> “Post-thrombectomy outcome is not associated with administration of intravenous thrombolysis”;</li> <li>• Middle author on poster at <i>American Academy of Neurology Annual Meeting</i> “In-hospital glucose measurements are associated with mortality after thrombectomy for acute ischemic stroke”</li> </ul>
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3/21-9/22	Hannah Irvine, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on paper in <i>Clin Neuro Neurosurg</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Markers of infection and inflammation are associated with post-thrombectomy mortality in acute stroke”;</li> <li>• Middle author on paper in <i>JSCVD</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Tachycardia is associated with mortality after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on paper in <i>J Thromb Thrombolysis</i> “Pre-admission antithrombotic use is associated with 3-month mRS score after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on poster at <i>American Academy of Neurology Annual Meeting</i> “Post-thrombectomy outcome is not associated with administration of intravenous thrombolysis”;</li> <li>• Middle author on poster at <i>American Academy of Neurology Annual Meeting</i> “In-hospital glucose measurements are associated with mortality after thrombectomy for acute ischemic stroke”</li> </ul>
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5/21-5/22	Penina Krieger, NYU Grossman Medical Student	<ul style="list-style-type: none"> <li>• First author on paper in <i>JSCVD</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Tachycardia is associated with mortality after thrombectomy for acute ischemic stroke”;</li> <li>• First author on paper in <i>J Thromb Thrombolysis</i> “Pre-admission antithrombotic use is associated with 3-month mRS score after thrombectomy for acute ischemic stroke”;</li> <li>• Second author on paper in <i>Clin Neuro Neurosurg</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Markers of infection and inflammation are associated with post-thrombectomy mortality in acute stroke”;</li> <li>• First author on poster at <i>American Academy of Neurology Annual Meeting</i> “In-hospital glucose measurements are associated with mortality after thrombectomy for acute ischemic stroke”;</li> <li>• Second author on poster at <i>American Academy of Neurology Annual Meeting</i> “Post-thrombectomy outcome is not associated with administration of intravenous thrombolysis”</li> </ul>
5/21-8/22	Pavitra Srinivasan, Penn State University Neurology Resident	Women Mentoring Excellence in Neurology
5/21-8/22	Robin Ulep, University of Virginia Neurology Resident	Women Mentoring Excellence in Neurology

7/21-4/22	Amanda Zhao, NYU Grossman Medical Student	<ul style="list-style-type: none"> <li>• First author on poster at <i>American Academy of Neurology Annual Meeting</i> “Post-thrombectomy outcome is not associated with administration of intravenous thrombolysis”;</li> <li>• Second author on paper in <i>JSCVD</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Tachycardia is associated with mortality after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on paper in <i>J Thromb Thrombolysis</i> “Pre-admission antithrombotic use is associated with 3-month mRS score after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on poster at <i>American Academy of Neurology Annual Meeting</i> “In-hospital glucose measurements are associated with mortality after thrombectomy for acute ischemic stroke”;</li> <li>• Middle author on paper in <i>Clin Neuro Neurosurg</i> and poster at <i>American Academy of Neurology Annual Meeting</i> “Markers of infection and inflammation are associated with post-thrombectomy mortality in acute stroke”</li> </ul>
8/21-4/22	Daniel Talmasov, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on poster at <i>American Academy of Neurology Annual Meeting</i> “Emotional and behavioral dyscontrol is more likely after intracerebral hemorrhage than subarachnoid hemorrhage”</li> </ul>
8/21-4/22	Janice Chou, NYU Neurology Resident	<ul style="list-style-type: none"> <li>• First author on poster at <i>American Academy of Neurology Annual Meeting</i> “Factors associated with depression after hemorrhagic stroke”</li> </ul>
6/22-8/22	Nora Kim, NYU Neurosurgery Resident	Anticipated first author on chapter “What is the benefit of antibiotic prophylaxis for ventricular, subdural, and subgaleal drains?” in <i>Management dilemmas at the junction of neurocritical care and neurosurgery: what’s the evidence?</i>
3/22-present	Charlotte Walden, NYU Post-baccalaureate Student	Brain Research of Acute Injury at NYU (BRAIN) Intern



3/22-10/22	Trisha Senthilkumar, NYU Undergraduate Student	Brain Research of Acute Injury at NYU (BRAIN) Intern
3/22-11/22	Cindy Chao, NYU Undergraduate Student	Brain Research of Acute Injury at NYU (BRAIN) Intern
11/22-3/23	Danielle Feng, University of Washington Neurology Resident	First author on “Brain death: ethical and legal challenges” in <i>Neurologic Clinics</i>

### **Institutional, Local and National Service**

#### **Institutional Service**

##### **Administrative**

6/11-6/12	Chief Resident Committee	NYP--Weill Cornell
6/11-6/12	Neuro-Interdisciplinary Committee	NYP--Weill Cornell
6/11-6/12	Committee for Transition from Neurointensive Care Unit to Neurology Step Down Unit	NYP--Weill Cornell
6/11-6/12	Student/Resident Noon Conference Coordinator	NYP--Weill Cornell
6/11-6/12	Resident Schedule Coordinator	NYP--Weill Cornell
3/13-6/14	Fellow Schedule Coordinator	Massachusetts General Hospital
6/15-present	Neurocritical Care Schedule Coordinator	NYU Langone Medical Center
11/18-present	Intensive Care Oversight Group	NYU Langone Medical Center
11/18-6/19	Orthopedics Relocation Committee	NYU Langone Medical Center
11/18-1/19	Stepdown Unit Elimination Committee	NYU Langone Medical Center

##### **Education**

9/11-3/12	Resident Recruitment and Selection Committee	NYP--Weill Cornell
1/13-3/13	Fellow Recruitment and Selection Committee	Harvard Medical School
10/14-present (40 hrs/year)	Medical Student Interview Committee	NYU Grossman School of Medicine
1/16-present (10 hrs/year)	Stroke Fellow Interview Committee	NYU Langone Medical Center
9/16-12/18 (50 hours/year)	Medical Student Screening Committee	NYU Grossman School of Medicine
11/16-present (10 hours/year)	Neurology Resident Interview Committee	NYU Langone Medical Center
5/17-present (20 hours/year)	Neurology Simulation Planning Committee	NYU Langone Medical Center
8/18-8/19 (10 hours/year)	Medical Student Interview Prompt Committee	NYU Langone Medical Center
7/22-present	Medical Student Alpha Omega Alpha (AOA) Selection Committee	NYU Grossman School of Medicine

**Ethics/Professionalism**

4/15-present (6 hrs/year)	Ethics Committee	NYU Langone Medical Center
1/21-8/21	Vice Chair	NYU Langone Medical Center
9/21-12/23	Chair	NYU Langone Medical Center
3/16-present	Neurology Resident and Faculty Book Club Leader	NYU Langone Medical Center
2/17-12/17 (10 hrs/year)	Institutional Ethics Education and Management Subcommittee	NYU Langone Medical Center
10/18-12/18 (15 hours/year)	United Therapeutics: Ethics of Research Using Artificial Lungs in the Brain Dead; NYU Working Group	NYU Langone Medical Center
3/19-present	Case Review Escalation Support Team (CREST)	NYU Langone Medical Center
6/22-present	Empirical Bioethics Work Group	NYU Langone Medical Center

**Quality Improvement**

6/11-6/12 (1 hr/mnth)	Door to Needle Committee	NYP--Weill Cornell
7/14-10/15 (1 hr/wk)	External Ventricular Drain (EVD) Maintenance Committee	NYU Langone Medical Center
10/14-present (6 hrs/year)	Neurosurgery Quality Improvement Committee	NYU Langone Medical Center
1/16-present	Neurology Quality Committee-Neurocritical Care Representative	NYU Langone Medical Center

**Research**

7/14-present	Brain Research of Acute Injury at NYU (BRAIN) Undergraduate Internship Director	NYU Langone Medical Center
7/14-present	Neurological Emergencies Outcomes at NYU (NEON) Database Administrator	NYU Langone Medical Center
1/16-4/16	Institutional Review Board Ad Hoc Expert Reviewer	NYU Langone Medical Center
5/16-5/19	Institutional Review Board Member	NYU Langone Medical Center
6/19-1/23	Institutional Review Board Alternate Member	NYU Langone Medical Center

**Other**

9/15-3/19	Organ Donation Council Co-Chair	NYU Langone Medical Center
7/15-1/23	Antithrombotic Committee	NYU Langone Medical Center
5/16-12/16	Neurointensive Care Unit Welcome Packet Design Committee	NYU Langone Medical Center
5/19-present	Neurology Wellness Committee	NYU Langone Medical Center

**Professional Medical Society Service**

7/09-present	American Academy of Neurology	
10/16-present	Brain Death Working Group Steering Committee	
5/17-5/21	Ethics, Law and Humanities Committee	
4/18-5/19	Neurologist-in-Training Clinical Ethics Elective Selection Committee	
6/17-present	Synapse Critical Care and Emergency Neurology Section	

	6/17-present	Synapse Ethics Section
	1/19-present	Brain Death Guidelines Update Steering Committee
	9/20-present	American Academy of Neurology Representative to the Uniform Law Commission Study Committee on Updating the Uniform Determination of Death Act
	3/21-present	American Academy of Neurology Media Expert
	7/22-present	Fellow of American Academy of Neurology
12/12-present		Neurocritical Care Society
	9/16-present	Neurocritical Care Ethics Committee
	1/17-8/19	Neurocritical Care Mentorship Program
	3/17-10/19	Neurocritical Care On Call Editorial Board Member
	5/17	Neurocritical Care Currents Ethics Section Contributor
	5/17-present	Brain Death Training Module Production Committee
	10/18-9/19	Neurocritical Care Ethics Committee Chair Elect
	10/19-9/20	Neurocritical Care Ethics Committee Chair
	6/20-present	Fellow of Neurocritical Care Society
	10/20-9/21	Neurocritical Care Ethics Committee Past Chair
	10/20-present	Care of the Coma Patient Working Group of the Neurocritical Care Curing Coma Campaign
	12/20-present	Ethics Scientific Working Group for Curing Coma Campaign Co-Lead
9/19-10/20		New York Academy of Sciences

### Organizing Roles in Scientific Meetings

11/17 (2 days)	World Brain Death Project Pre-Conference, Co-Moderator	World Congress of Intensive and Critical Care Medicine Pre-Conference on Brain Death
5/19 (2 hours)	Contemporary Concerns about Brain Death Determination, Course Director	American Academy of Neurology
5/19 (1 hour)	Case Studies: Ethical Conundrums in Neurology, Course Director	American Academy of Neurology
5/19 (1 hour)	Simulation in Neurology Education, Course Director	American Academy of Neurology
10/19 (1.5 hours)	Unbefriended, Undocumented, Unlikely to Improve, Course Director	Neurocritical Care Society
10/19 (1.5 hours)	Contemporary Concerns about Brain Death Determination, Course Director	American Academy of Neurology
3/21 (1 hour)	Death of the Brain and Death of the Organism, Moderator	Neubauer Collegium: Making Progress on Death-Towards an Updated Normative Framework
3/21 (1 hour)	Recovery from Disorders of Consciousness in Patients with Severe COVID-19, Organizer/Moderator	NYU Langone Medical Center
4/21 (1 hour)	Case Studies: Ethical Conundrums in Neurology Course Director, Course Director	American Academy of Neurology

4/22 (1 hour)	Case Studies: Ethical Conundrums in Neurology Course Director, Course Director	American Academy of Neurology
10/22 (1.5 hours)	Curing Coma Campaign Mission Strategy and Accomplishments, Course Moderator	Neurocritical Care Society
3/23 (1 hour)	Curing Coma Day, Moderator	Neurocritical Care Society
4/23 (1 hour)	Case Studies: Ethical Conundrums in Neurology Course Director, Course Director	American Academy of Neurology

**Other Service**

9/20-6/21	Uniform Law Commission Study Committee on Updating the Uniform Determination of Death Act (observer, representative of the American Academy of Neurology)
9/21-present	Uniform Law Commission Drafting Committee on Updating the Uniform Determination of Death Act (observer, representative of the American Academy of Neurology)
6/21-present	Uniform Law Commission Study Committee on Updating the Health Care Decisions Act Drafting Committee (observer)

**International Committee Assignment**

6/17-6/20	World Brain Death Project Section Leader Committee: Section Leader for 1) Determination of Brain Death after Treatment with Targeted Temperature Management; 2) Religion and Brain Death: Managing Requests to Forego a Brain Death Evaluation or Continue Somatic Support after Brain Death; 3) Somatic Support after Brain Death for Organ Donation or Other Special Circumstances; 4) Brain Death and the Law
4/18-10/20	World Brain Death Project Steering Committee
11/20-4/23	International Advisor to Canadian Critical Care Society Definition and Determination of Death Committee

**Editorial Positions**

2017-18	Seminars in Neurology: Ethics in Neurology Issue (Volume 38 Issue 5, October 2018)	Guest Editor
2017-2019	Neurocritical Care On Call: Chapter Editor for 1) Sedation and Analgesia; 2) Clinical Evaluation of Coma and Brain Death; 3) Hypoxic Ischemic Encephalopathy; and 4) Neuroprognostication	Editor
2018-2019	Seminars in Neurology	Editorial Board Member
2018-present	Neurology: Disputes and Debates	Deputy Editor
2018-2019	Currents: the Neurocritical Care Society Newsletter	Ethics Section Editor
2019-present	Seminars in Neurology	Deputy Editor

2019	Neurosurgical Focus: Primary and Secondary Infections of the Brain (Volume 46 August 2019)	Lead Topic Editor
2019-2020	AMA Journal of Ethics: Socially Situated Brain Death (December 2020)	Guest Editor
2021-2022	Advances in Neuroethics--Death Determination by Neurologic Criteria: Areas of Controversy and Consensus	First Editor
2022-present	Journal of Clinical Neurosciences	Co-Editor-in-Chief
2023-2024	Continuum: Lifelong Learning in Neurology: Neurocritical Care Issue (2024)	Guest Editor

### **Educational Product Design and Contribution**

2017-present	Brain Death Determination Course, NCS OnDemand
2021	Brain Death: Clinical Challenges and Updates, Neurodiem Expert Talks-Ology Education

### **Ad Hoc Reviewer**

AJOB Empirical Bioethics  
 American Journal of Bioethics  
 American Journal of Hospice and Palliative Medicine  
 Anaesthesia and Intensive Care  
 Archives of Disease in Childhood  
 BMC Medical Ethics  
 BMJ Case Reports  
 Brain and Behavior  
 Canadian Journal of Anesthesia  
 Clinical Neurology and Neurosurgery  
 Critical Care  
 Epidemiology and Infection  
 European Journal of Neurology  
 JAMA Neurology  
 JAMA Pediatrics  
 Journal of Critical Care  
 Journal of Law, Medicine and Ethics  
 Journal of Medical Ethics  
 Journal of the Neurological Sciences  
 Journal of Neurology, Neurosurgery and Psychiatry  
 Journal of Neurosciences in Rural Practice  
 Journal of Neurosurgery  
 Journal of Palliative Care  
 Journal of Science and Medicine: Neurosurgery and Spine  
 Journal of Stroke and Cerebrovascular Diseases  
 Neurocritical Care  
 Neurohospitalist  
 Neurological Research  
 Neurology  
 Neurology Clinical Practice

Neurosurgery  
 Pain Medicine  
 Pediatrics  
 Public Library of Science (PLOS) One  
 Seminars in Pediatric Neurology  
 Surgical Infections  
 The Neurosciences  
 Transplantation  
 World Neurosurgery  
 Yale Journal of Biology and Medicine

## Medicolegal

2018

Quenique Bennett v. Adventist Glen Oaks Hospital

Expert Witness, Plaintiff

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### Peer-Reviewed Publications

1. **Lewis A**, Osborn IP, Roth R. The effects of listening to hemispheric synchronization on the amount of intraoperative analgesia required. *Anesth Analg* 2004; 98 (2): 533-6.
2. **Lewis A**, Segal AZ. Hyperlipidemia and primary prevention of stroke: does risk factor identification and reduction really work? *Curr Atheroscler Rep* 2010; 12 (4): 225-9.
3. Stahl D, North C, **Lewis A**, Kimberly WT, Hess D. Power of positive end-expiratory pressure: use of esophageal manometry to illustrate pulmonary physiology in an obese patient. *Anesthesiology* 2014; 121 (6): 1320-6.
4. **Lewis A**, Kimberly WT. Prediction of ventriculoperitoneal shunt placement based on type of failure during external ventricular drain wean. *Clin Neurol Neurosurg* 2014; 125: 109-13.
5. **Lewis A**. The history of brain death and how the Jahi McMath case will impact future brain dead patients. *Med Law* 2015; 34: 497-508.
6. **Lewis A**, Irvine H, Ogilvy C, Kimberly WT. Predictors for delayed ventriculoperitoneal shunt placement after external ventricular drain removal in patients with subarachnoid hemorrhage. *Br J Neurosurg* 2015; 29 (2): 219-24.
7. **Lewis A**, Wahlster S, Karinja S, Czeisler B, Kimberly WT, Lord AS. Ventriculostomy-Related Infections (VRI): the performance of different definitions for diagnosing infections. *Br J Neurosurg* 2016; 30 (1): 49-56.
8. Hepburn-Smith M, Dynkevich I, Spektor M, Lord A, 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* 2016; 48 (1): 54-65.
9. **Lewis A**, Caplan A. Response to a trial on reversal of death by neurologic criteria. *Critical Care* 2016; 20 (1): 377.
10. **Lewis A**, Varelas P, Greer D. Prolonging support after brain death: when families ask for more. *Neurocrit Care* 2016; 24 (3): 481-7.
11. **Lewis A**, Kimberly WT. A retrospective analysis of cerebrospinal fluid drainage volume in subarachnoid hemorrhage and the need for early or late ventriculoperitoneal shunt placement. *J Neurosurg Sci* 2016; 60 (3): 289-95.

12. **Lewis A**, Lord AS, Czeisler BM, Caplan A. Public education and misinformation on brain death in mainstream media. *Clin Transplant* 2016; 30(9): 1082-9.
13. **Lewis A**, Adams N, Varelas P, Greer D, Caplan A. Organ Support after Death by Neurologic Criteria: Results of a Survey of U.S. Neurologists. *Neurology* 2016; 87 (8): 827-34.
14. **Lewis A**, Varelas P, Greer D. Pregnancy and brain death: lack of guidance in U.S. hospital policies. *Am J Perinat* 2016; 33: 1382-7.
15. Lord AS, **Lewis A**, Czeisler B, Ishida K, Torres J, Kamel H, Wood D, Elkind M, Boden-Albala B. The majority of 30-day readmissions after intracerebral hemorrhage are related to infections. *Stroke* 2016; 47 (7): 1768-71.
16. **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; 44 (12): 1757-8.
17. **Lewis A**, Czeisler BM, Lord AS. Variations in strategies to prevent ventriculostomy-related infections: a practice survey. *Neurohospitalist* 2017; 7 (1): 15-23.
18. **Lewis A**, Sen R, Hill TC, James H, Lin J, Bhamra H, Martirosyan N, Pacione D. Antibiotic prophylaxis for subdural and subgaleal drains. *JNS* 2017; 126 (3): 908-12.
19. **Lewis A**, Weaver J, Caplan A. Portrayal of brain death in film and television. *Am J Transplant* 2017; 17 (3): 761-9.
20. **Lewis A**, Cahn-Fuller K, Caplan A. Shouldn't dead be dead? The search for a uniform definition of death. *J Law Med Ethics* 2017; 45: 112-28.
21. Fara M, Chancellor B, Lord AS, **Lewis A**. Controversies in cardiopulmonary death. *J Clin Ethic* 2017; 28 (2): 97-101.
22. **Lewis A**, Pope T. Physician power to declare death by neurologic criteria threatened. *Neurocrit Care* 2017; 26 (3): 446-9.
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28. Lloyd-Smith Sequeira A, **Lewis A**. Ethical and legal considerations in the management of an unbefriended patient in a vegetative state. *Neurocrit Care*; 2017; 27 (2): 173-9.
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34. **Lewis A**. Reconciling the case of Jahi McMath. *Neurocrit Care* 2018; 29 (1): 20-2.
35. **Lewis A**, Rothstein A, Pacione D. Results of a quality improvement initiative reassessing our institutional lumbar drain infection prevention protocol. *JNS Spine* 2018; 29 (1): 54-8.
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39. **Lewis A**, Greer D. Medicolegal complications of apnoea testing for determination of brain death. *J Bioeth Inq* 2018; 15 (3): 417-28.
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neurologic function in Canada: a 2022 clinical practice guideline. *Can J Anesth* 2023. Accepted and pending publication.

152. Spears WE, **Lewis A**, Bakkar A, Kreiger-Benson E, Kumpfbeck A, Liebman J, Sung G, Torrance S, Shemie SD, Greer DM. What does “brainstem death” mean? A review of international protocols. *Can J Anesth* 2023. Accepted and pending publication.
153. **Lewis A**, Kirschen MP. Potential threats and impediments to the clinical practice of brain death determination: UDDA Revision Series. *Neurology* 2023. Accepted and pending publication.
154. Finneran M, **Lewis A**. Engagement of a state medical society to promote uniform hospital policies on determination of brain death. *Neurohospitalist* 2023. Accepted and pending publication.

### **Invited Non-Peer Reviewed Publications**

1. Varelas P, **Lewis A**. Modern approach to brain death. *Semin Neurol* 2016; 36 (6): 625-30.
2. **Lewis A**, Greer D. Should informed consent be required for apnea testing? No. *Chest* 2017; 152: 700-2.
3. **Lewis A**, Greer D. Rebuttal from Dr. Lewis and Dr. Greer. *Chest* 2017; 152: 704-5.
4. **Lewis A**, Greer D. Response. *Chest* 2017; 152: 904.
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### Editors' Notes

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105. **Lewis A**, Galetta S. Editors' note: Identification and characterization of pure sleep epilepsy in a cohort of patients with a first seizure. *Neurology* 2022; 99 (18): 817.
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114. **Lewis A**, Galetta S. Editors' note: Teaching Video NeuroImage: Bilateral hemifacial spasm in giant cell arteritis. *Neurology* 2023; 100 (6): 310-11.
115. **Lewis A**, Galetta S. Editors' note: Infratentorial brain injury among patients suspected of death by neurologic criteria: a systematic review and meta-analysis. *Neurology* 2023; 100 (10): 494.
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118. **Lewis A**, Galetta S. Editors' note: Hyperacute perfusion imaging before pediatric thrombectomy: analysis of the Save ChildS Study. *Neurology* 2023. Accepted and pending publication.
119. **Lewis A**, Galetta S. Editors' note: Incidence of epilepsy and seizures over the first 6 months after a COVID-19 diagnosis: a retrospective cohort study. *Neurology* 2023. Accepted and pending publication.
120. **Lewis A**, Galetta S. Editors' note: Microembolism and other links between migraine and stroke: clinical and pathophysiologic update. *Neurology* 2023. Accepted and pending publication.



121. **Lewis A**, Galetta S. Editors' note: Pioglitazone use and reduced risk of dementia in patients with diabetes mellitus with a history of ischemic stroke. *Neurology* 2023. Accepted and pending publication.

### **White Paper Chapters**

1. **Lewis A**, Cohn M, Feng S, Siminoff L, Briggs S. Identifying decedents for experimentation with a bioengineered lung. Report from the NYULMC Working Group on the Ethics of Testing Manufactured Organs on Brain Dead/Newly Dead Subjects. NYU Langone Medical Center, 2018.

### **Invited Book Chapters**

1. **Lewis A**, Shemie SD. Do the guidelines for brain death determination need to be revised? In *Evidence-Based Practice of Critical Care*, 3<sup>rd</sup> edition. Elsevier Inc., 2020; 624-30.
2. Carroll E, **Lewis A**. Brain death discussions. In *Shared Decision-Making in Adult Critical Care*. Cambridge University Press, 2021; 179-88.
3. Lee S, **Lewis A**. Brain death/death by neurologic criteria in the United States: what every ethics consultant should know. In *Thorny Issues in Clinical Ethics Consultation: North American and European Perspectives*, 1<sup>st</sup> edition. Volume 143 of the Philosophy and Medicine Books Series. Springer, 2022, 155-63.
4. Bernat JL, **Lewis A**. Historical introduction. In *Death Determination by Neurologic Criteria: Areas of Controversy and Consensus*. Springer, 2023; 1-10
5. Nemani K, **Lewis A**. Prognostication in status epilepticus. In *Neuroprognostication in Critical Care*. Pending publication.
6. Lord A, **Lewis A**. Religious and legal issues in prognostication. In *Neuroprognostication in Critical Care*. Pending publication.
7. **Lewis A**, Kirschen MP, Greer DM. Brain death. In *Textbook of Neurocritical Care*. Pending publication.
8. Kim N, Pacione D, **Lewis A**. What is the benefit of antibiotic prophylaxis for ventricular, subdural, and subgaleal drains? In *Management Dilemmas at the Junction of Neurocritical Care and Neurosurgery: What's the Evidence?* Pending publication.
9. **Lewis A**, Badenes R. Brain death. In *Oxford Textbook of Neurocritical Care 2*. Pending publication.
10. **Lewis A**, Kirschen M, Badenes R. Quality improvements in the determination of death by neurologic criteria around the world. In *Annual Update in Intensive Care and Emergency Medicine*. Pending publication.

### **External Abstracts**

1. **Lewis A**, Osborn IP, Roth R. The effect of listening to hemispheric synchronization on the amount of intraoperative analgesia required. *International Anesthesia Research Society*, New Orleans, 2003, S-257.
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### **Institutional Abstracts**

1. **Lewis A**, Dynkevich I, Frisoli F, Golfinos J, Hepburn M, Jones N, Lord A, Pacione D, Phillips M, Spektor M, Wisoff J. Establishment of an external ventricular drain best practice guideline: the quest for a comprehensive, universal standard for EVD care. *NYU Langone Medical Center Quality Day*, New York, 2015.
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4. Merchan C, Raco V, Ahuja T, **Lewis A**. High Dose Four-Factor Prothrombin Complex Concentrate for Warfarin Induced Intracerebral Hemorrhage. *NYU Langone Medical Center Quality Day*, New York, 2017.
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31. Bauman K, Agarwal S, Yaghi S, **Lewis A**, Lord A, Ishida K, Zhang C, Czeisler B, Torres J, Melmed KR. The impact of race, ethnicity and social determinants of health on imaging biomarkers in intracerebral hemorrhage. *NYU Neurology Abstract Presentation Day*, New York, 2021.
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## Media Citations/Apearances

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