

## CURRICULUM VITAE

Jay R. Bronder

11/03/2023

### DEMOGRAPHIC AND PERSONAL INFORMATION

#### Current Position

7/2021-present Attending Physician, The Neurology Center of DC

#### Personal Data

6000 Merriweather Drive, Apt 5090

Columbia, MD 21044

Cell: 443.310.7589

### Education and Training

#### Undergraduate

2002 B.S., The Pennsylvania State University, University Park, PA

#### Doctoral/Graduate

2008 M.B.A., The University of Maryland, College Park, MD

2015 M.D., Marshall University Joan C. Edwards School of Medicine, Huntington, WV [Postdoctoral](#)

2015-2016 Intern, Internal Medicine, The University of Maryland, Baltimore, MD 2016-2019

Resident, Neurology, The University of Maryland, Baltimore, MD

2019-2021 Fellowship, Epilepsy and Neurophysiology, Johns Hopkins School of Medicine, Baltimore, MD

### Professional Experience

2002-2009 Therapeutic Specialty Representative, Pfizer, Baltimore

2009-2010 Territory Manager, Kowa Pharmaceuticals, Washington D.C.

2010-2011 Regional Manager, Avanir Pharmaceuticals, Baltimore

2020-2021 Attending physician, Johns Hopkins Lumbar Puncture Clinic, Baltimore 2021-2022

Attending Neurologist/Epileptologist, The Neurology Center of DC

### PUBLICATIONS

#### Original Research [OR]

1. Kang J, Pickard A, **Bronder J**, Yenokyan G, Chen M, Anderson WS, Sperling MR, Nei M. Magnetic resonance guided laser interstitial thermal therapy: Correlations with seizure outcome. *Epilepsia*. 2021 May;62(5):1085-1091
2. Hwang, J., **Bronder, J.**, Martinez, N. C., Geocadin, R., Kim, B. S., Bush, E., ... & Cho, S. M. (2022). Continuous electroencephalography markers of prognostication in comatose patients on extracorporeal membrane oxygenation. *Neurocritical care*, 37(1), 236-245.
3. Williams, A., Zeng, Y., Li, Z., Thakor, N., Geocadin, R. G., **Bronder, J.**, ... & Cho, S. M. (2022). Quantitative Assessment of Electroencephalogram Reactivity in Comatose Patients on Extracorporeal Membrane Oxygenation. *International journal of neural systems*, 32(06), 2250025.

#### Review Articles [RA]

1. **Bronder J**, Cho SM, Geocadin RG, Ritzl EK. Revisiting EEG as part of the multidisciplinary approach to post cardiac arrest care and prognostication: A review. *Resusc Plus*. 2021 Dec 16;9:100189.

#### Case Reports [CR]

1. Patel N, **Bronder J**, Motta M, Morris N, Mystery Case: A 23-year-old man with headaches, confusion, and lower extremity weakness. *Neurology*. 2019;92:863-867: Joint authorship

## Media Releases or Interviews [MR]

1. Husari K, **Bronder J**. Coronavirus, the COVID-19 Vaccine and Epilepsy: What You Need to Know. February 9th, 2021. Press Mention, Johns Hopkins Hospital website. – Joint authorship

## CLINICAL ACTIVITIES

### Clinical Focus

- 1 . EEG, Carotid Ultrasound, Transcranial Doppler, Quantitative EEG, Epilepsy, Post-cardiac arrest

## Certification

### Medical, other state/government licensure

9/19 - present Maryland State Medical License (D0088091)

5/21- present District of Columbia Medical License (MD049342)

### Boards, other specialty certification

2019-Present Neurology, Board Certified (#62034), American Board of Psychiatry and Neurology

2020-Present Epilepsy, Board Certified (#1867), American Board of Psychiatry and Neurology

## EDUCATIONAL ACTIVITIES

### Educational Focus

- 1 . General Neurology, EEG, Epilepsy

## Classroom instruction

### University of Maryland Neurology/Regional

2018-2019 Instructor, 3<sup>rd</sup> year medical students, Peripheral Neurology Case review, 1 hour interactive case lecture, University of Maryland School of Medicine, Baltimore MD

2020-2021 Instructor, Neurology residents, EEG case review, 1 hour lecture, Johns Hopkins School of Medicine, Baltimore, MD

National None

### International

2020-2021 Instructor, Neurology Residents, Introduction to EEG review and analysis, weekly 1 hour zoom teleconference, University of Zambia School of Medicine, Lusaka, Zambia

## ORGANIZATIONAL ACTIVITIES

### Institutional Administrative Appointments

2011-2015 Student member, LCME Review Board, selected by MUSOM leadership to represent student body to LCME

### Professional Societies

2011-2021 Member, American Medical Association

2011-2021 Medical Student Delegate, American Medical Association

2012-2014 Medical Student Delegate to AMA House of Delegates (represent AMA student section) 2015-2021

Member, American Academy of Neurology

2019-2021 Member, American Epilepsy Society

## RECOGNITION

### Awards, Honors

2012-2013 MUSOM Academic Achievement 4.0 GPA Award

2013-2014 Marshall Health Scholarship recipient

2019 University of Maryland Neurology Residency Academic Award

## OTHER PROFESSIONAL ACCOMPLISHMENTS

### Posters

2/6-10/19 **Bronder J**, Desai M, Benavides, DR, Gutierrez D. "Treatment of Status Epilepticus due to Autoimmune Encephalitis with Immunotherapy: EEG changes and patient outcomes," American Clinical Neurophysiology Society Annual Conference, Las Vegas, NV