



**Department of Neurology
6th Annual Resident & Fellow
Research Celebration**

June 3, 2021
4:00-6:30 PM
Virtual Conference

<https://umassmed.edu/neurology/neurology-research-virtual-presentations-2021/>

Program

- 4:00** Welcome and Introduction of Keynote Speaker
Raphael Carandang MD
- 4:10** “Neuropathological Research at UMASS Over the Years”
Thomas Smith MD
Professor of Pathology, Neurology and Neurosurgery
University of Massachusetts Medical School
- Platform Presentations**
- 5:00** Association of Stroke Heart Syndrome with Atrial Fibrillation Detected After Stroke
Yuyao Sun, MD, and Nils Henninger MD PhD
- 5:15** Clinicians’ Variable Approaches to Prognostic Communication with Families of Critically Ill Neurologic patients.
Connie Ge BA, Adeline Goss MD, Kelsey Goostrey BA, Sybil Crawford PhD, Praewpannanrai Sun MS RN, Catherine Hough MD MSc, Jay Steingrub MD, Douglas White MD MAS, Susanne Muehlschlegel MD MPH
- 5:30** Building AAV Vectors With Type 1 Myofiber Specificity in a Preclinical Study on Nemaline Myopathy.
Eleonora D’Ambrosio, MD, Miguel Sena-Esteves PhD, Heather Gray-Edwards DMD, PhD, Kevin Strauss MD, Monique Otero, Haley Grimason, Lena Labdi, Rita Batista PhD
- 5:45-6:15** **Virtual Poster Hall and casting of ballots**
- 6:30** Awards for Best Platform and Poster Presentations
Closing Remarks
Kara Smith, MD and Chris Hemond, MD
Co-Chairs, Resident Research Advisory Committee

Posters

Prevalence of Essential Tremors in Rural Gujarat, India

Andrea Chin BA MS, Swati Arora BDS MPH, Shyamsundar Raithata MBBS, Devangi Desai MBBS, Utkarsh Shah MBBS, Anindita Deb MD and Soaham Desai MBBS DM

Left ventricular non-compaction cardiomyopathy as a potential cause of bilateral posterior cerebral artery stroke – a rare and unique clinical occurrence

Marwa Elnazeir MD, Lisa Nobel MD PhD, Siddharth Narayanan MD MPH, Fahed Darmoch MD, Francesco Massari MD PhD, Timothy Fitzgibbons MD PhD, Raphael Carandang MD, and Adalia Jun-O'Connell MD

Reversible Cerebral Vasoconstriction Syndrome with a Twist

Annie Ferris MD and Neville Jadeja MD MPH

Atypical Case of SPG7 Mutation (c. 1702 C>T) Carrier with Spastic Paraplegia. **Jee-Young Han MD** and Kara Smith MD

The role of memory B cells in multiple sclerosis pathology and disease monitoring. **Vanessa Lee BS**, Casandra Chen MD, Carolina Ionete MD PhD, Rachel Gerstein PhD, and Christopher Hemond MD

Possible benefits of Noninvasive Brain Stimulation on cerebellar tremor in Multiple Sclerosis (MS)

Catherine Norise MD, Khurshid Khurshid MD and Roberto Bompreszi MD PhD

A survey-based assessment of cannabis use in patients with Parkinson's disease (PD)

Jacob Paulson BS, Rose Healy BA, Anindita Deb MD and Kara Smith MD

Shared decision-making in goals-of-care meetings for critically ill neurologic patients: A multi-center study

Abhinav Prasad BS, Connie Ge BS, Kelsey Goostrey BA, Praewpannanrai Sun MS BSN, Catherine Hough MD MSc, Jay Steingrub MD, Douglas White MD MAS, and Susanne Muehlschlegel MD MPH

Delayed IR thrombectomy for symptomatic large vessel occlusion

Raphaella Weiser MD and Brian Silver MD



Acknowledgements

Colleen Burnham, Beth Laperle and Naomi Northrop for their tremendous efforts in organizing this event!

Neurology Faculty for the constant research support and guidance provided to the residents and fellows

Resident Research Advisory Committee:

Raphael Carandang, MD

Kate Daniello, MD

Anindita Deb, MD

Mehdi Ghasemi, MD

Nils Henninger, MD, PhD

Carolina Ionete, MD, PhD

Neville Jadeja, MD MPH

Idanis Berrios Morales, MD

Susanne Muehlschlegel, MD, MPH

Ika Noviaawaty, MD

Marcey Osgood, DO

Kara Smith, MD and Chris Hemond MD, Co-Chairs