

## A message from our Chair

April 2023

Our Department of Neurology family is successful because of each member of our team. This month is a month of celebrations.

Please join our Department of Neurology reception and alumni reunion event, held at the Boston Renaissance Waterfront Hotel on April 24, from 6-8 p.m. Please rsvp and attend to **Naomi Northrop**, [naomi.northrop@umassmemorial.org](mailto:naomi.northrop@umassmemorial.org).



Our department is planning our Annual Research Celebration held at the UMass Chan Medical School on May 24, from 5-8 p.m. We hope you will save the date to attend and learn about our innovative research.

**[Please click here to learn more about our diverse team](#)** - we introduce you to new members who have joined our team over the past couple of months and announce special staff promotions which support our vision and mission in training future leaders.



**Our Neurology Clinic - We applaud you for making a difference in our patients' lives...every day.**

Our comprehensive specialty centers in the Neurology Clinics provides research, education, and quality patient care through our UMass Chan Medical School and UMass Memorial Medical Center. Our successes translate through high quality research and clinical expertise to deliver hope for our patients.

Your service to our community changes patients' lives, and your daily service helps to improve their quality of life. We come to work, day-in and day-out, striving to treat each patient with the highest level of quality care, and it shows!

## Neurology Movement Disorders Clinic

### Center of Excellence award



Our specialized Neurology clinics provide comprehensive care to our patients. The Movement Disorders Clinic was awarded by the HSDA, Huntington's Society Disease Association, naming the Department of Neurology, specialized UMass Movement Disorders Clinic, as a Center of Excellence Partner site with BIDMC, Beth Israel Deaconess Medical Center. **[Please click here to learn more about our outstanding award.](#)**

We would also like to acknowledge an additional **[resource our Movement Disorders Clinic](#)** has adopted for our patients of Parkinson's Disease. Wissam Deeb, MD, assistant professor of neurology, a board member for the Davis Phinney Foundation, guided our clinic to provide this patient resource.

## Neurology on the Hill

Anindita Deb, MD, assistant professor of neurology, joined the Massachusetts Delegation at Neurology on the Hill in the beginning of March. **[Click here](#)** to learn more. The delegation was held by staffers

from Senator Markey and Senator Warren's offices and all the MA Representatives. For more information on the issues that were addressed, please access the Capital Hill Report, <https://www.aan.com/advocacy/capitol-hill-report>.

## ***Massachusetts Neurologic Association - Spring Conference***

[Click here](#) to view more pictures of our team at the MNA conference.



Ika Noviawaty, MD, associate professor of neurology, is named the new association president.



Raffaella Umeton, MD, assistant professor of neurology, completed her presidential term in 2023 for the MNA.



A.M. Barrett, MD, professor of neurology, presented on Disability Assessment for Neurological Disorders on March 25th in Boston. Two of our residents, Bahadar Srichawla, MD and Ton Fang, MD presented posters during the event.

## ***UMass Chan Media Fellowship - March 17, 2023***

**A.M. Barrett, MD, chair and professor of neurology**, spent time on Friday, March 17 demonstrating the efficacy of brain injury rehabilitation to a panel of 10 Massachusetts journalists regarding the hidden impairment of spatial neglect, a brain-behavioral impairment found in many stroke survivors.

**Ana Rita Batista, PhD, instructor of neurology**, shared new research she leads to better understand Cockayne syndrome on Thursday, March 16.



[Click here to learn more about Neurology's Media Fellowship presentations.](#)

## ***Neuro Social Kickoff held on Friday, March 24, 2023***

We had a wonderful time at the Neuro Social Kickoff on Friday at the Natick Beach House. Special thanks to Kate Brush for helping to organize the event, and to Anindita Deb, MD and the Faculty Wellness Program for making this happen.

We missed everyone who could not make it but hope you will consider coming to the next one...keep on the lookout! [Click here to view a few pictures of the event.](#)

## ***April 22nd - 27th: 75th AAN Annual Meeting in Boston***

Our Neurology Department will host a reception, and we look forward to seeing you there.

A.M. Barrett  
Chair, Department of Neurology

## Neurology Events and Updates



### Join Our Team!

The Neuroimmunology and MS Center has created a walk team to support our patient families with Multiple Sclerosis. The walk is a great way to display our civic comraderies with our community partners, namely the National MS Society.

**Saturday, April 15, 2023**

**Worcester, MA**

**Site Opens: 8:30 a.m.**

**Walk Starts: 10:00 a.m.**

[Walk MS - Worcester, MA](#)

Walk MS® brings together passionate people for a powerful purpose: to end MS forever. Feel the support that can only come from a community whose steps fuel breakthroughs, solutions, and a cure.

### SAVE THE DATE!!!

#### Join Our Team!

Support the UMass Parkinson's Disease Optimism Walk on **May 21** at noon in Framingham. Please join us if you can and invite your friends and family!

#### UMass Movement Disorders Team

<https://apdaparkinson.donordrive.com/index.cfm?fuseaction=donorDrive.team&teamID=9906>

### SAVE THE DATE!!!

Upcoming Team Hoyt Yes You Can race in Hopkinton May 27.

Kara Smith, MD, associate professor of neurology, has been involved in the care of this inspiring family and it is a great cause.

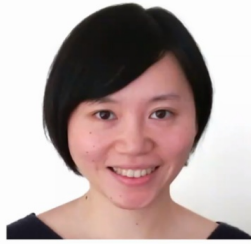
<https://teamhoyt.com/>

## Celebratory News

### Congratulations Yi Li!!

We are proud of your accomplishments.

UMass residency alum honored at last American Epilepsy Society meeting in Nashville



**Cognitive outcomes at 2 years old in children of women with epilepsy are associated with fetal alcohol syndrome risk genes: MONEAD study**

Yi Li, MD PhD  
Clinical Assistant Professor  
Department of Neurology & Neurological Sciences  
Stanford University School of Medicine

## Neurology News

### Molecular biologists Allan Jacobson and Lynne Maquat receive 2023 Gruber Genetics Prize

Scientists share prize for pioneering work in nonsense-mediated mRNA decay

[Read full article](#)



### How frontotemporal dementia, the syndrome affecting Bruce Willis, changes the brain – research is untangling its genetic causes

by: Fen-Biao Gao, PhD, the *Governor Paul Cellucci Chair in Neuroscience Research*, professor of neurology



[Read full article](#)

## Newly Published Research Updates



Please check out the most recent articles published by the Department of Neurology Team!

Daryl Bosco, PhD, Rigel Chan, PhD, Fen-Biao Gao, PhD, Mehdi Ghasemi, MD, MPH, Oliver King, PhD, Rakhee Lalla, MD, John Landers, PhD, Jeanne Lawrence, PhD, Susanne Muehlschlegel, MD, MPH, Andrzej Przybyszewski, PhD, Kyle Rossi, MD,

We appreciate your research, and your willingness to share your understanding with our community.

### March 2023

**Susanne Muehlschlegel, MD, MPH,**  
[Guidelines for Neuroprognostication in Adults with Guillain-Barré Syndrome.](#)

### February 2023

**Fen-Biao Gao, PhD,**  
[Non-muscle MYH10/myosin IIB recruits ESCRT-III to participate in autophagosome](#)

**Mehdi Ghasemi, MD, MPH,**  
[Orexin receptor antagonists in the pathophysiology and treatment of sleep disorders and epilepsy.](#)

**Susanne Muehlschlegel, MD, MPH,**  
[Guidelines for Neuroprognostication in Comatose Adult Survivors of Cardiac Arrest.](#)

**Fen-Biao Gao, PhD,**  
[Dorsomedial prefrontal hypoexcitability underlies lost empathy in frontotemporal dementia.](#)

**Daryl Bosco, PhD,**  
[Interactions between FUS and the C-terminal Domain of Nup62 are Sufficient for their Co-phase Separation into Amorphous Assemblies.](#)

**Fen-Biao Gao, PhD,**  
[Downregulation of Hsp90 and the antimicrobial peptide Mtk suppresses poly\(GR\)-induced neurotoxicity in C9ORF72-ALS/FTD.](#)

**Rigel Chan, PhD,**  
[oFlowSeq: a quantitative approach to identify protein coding mutations affecting cell type enrichment using mosaic CRISPR-Cas9 edited cerebral organoids.](#)

**John Landers, PhD,**  
[Large-scale analyses of CAV1 and CAV2 suggest their expression is higher in post-mortem ALS brain tissue and affects survival.](#)

[closure to maintain neuronal homeostasis.](#)  
**Fen-Biao Gao, PhD,**  
[PIKFYVE inhibition mitigates disease in models of diverse forms of ALS.](#)

**Rakhee Lalla, MD,**  
[Teaching NeuroImage: Imaging and Pathologic Findings in SARS-CoV-2-Related Acute Demyelinating Encephalomyelitis.](#)

**Kyle Rossi, MD,**  
[Association Between Characteristics of National Association of Epilepsy Centers and Reported Utilization of Specific Surgical Techniques.](#)

**Andrzej Przybyszewski, PhD,**  
[Machine Learning and Eye Movements Give Insights into Neurodegenerative Disease Mechanisms.](#)

**Oliver King, PhD, Jeanne Lawrence, PhD,**  
[Large-scale organoid study suggests effects of trisomy 21 on early fetal neurodevelopment are more subtle than variability between isogenic lines and experiments.](#)

## Continuing Our Education in Neurology

Click [here](#) to learn more about our recent seminars.

### Faculty Care Program focused on "**Islamic Community Engagement**"

by our own **Muhammad Ramzan MD**, assistant professor and physician of general neurology, neurophysiology and stroke neurology. He is also director of Social Services of the Worcester Islamic Center and has been working with UMASS Chan Medical School in a program to aid Afghan refugees in finding employment.



### Neurohumanities Seminar focused on "**Compassionomics**" by

**Elizabeth R. Degrush DO**, assistant professor of neurology and psychiatry and is the training director of the Combined Neurology-Psychiatry Residency program and associate training director of the General Psychiatry Residency program.



### March Neurology Seminar

March 14, 2023 -  
"**Single-cell**

### Neuroscience of Disease Forum

**Topic**  
March 31, 2023 -

**dissection of the human motor and prefrontal cortices in ALS and FTL D**

by **Myriam Heiman, PhD**, associate professor of the Department of Brain and Cognitive Sciences at Massachusetts Institute of Technology.



**"Frontotemporal Dementia (FTD)**

by speakers, Fen-Biao Gao, PhD and Bruce Miller, MD, UCSF.



**The Neurology Special**

**Seminar** series, hosted, Alba Coraini, MD NMS-PGY4 Fellow in Neuromuscular Medicine, Mass General / Brigham discussing



**"Small fiber neuropathy: an overview"** on Monday, April 3, 2023

## Save the date for more Neurology Continuing Ed.

**The Neurohumanities program** seminars are held on the 2nd Thursday at noon

Location: Room S5-710 and [zoom](#) Meeting ID: 481537944  
Password: 970420

Save the dates for future seminars on

- Apr. 13
- May 11

**The Faculty Care Program** is held every 3rd Thursdays at noon via zoom

- Apr. 20 - *People's Stories and Their Importance* by Presenter: Lucia Knoles
- May 18 - *Mindfulness in Practice* by Presenters: EAP Erin Almstrom, Emily Green, Valerie Wedge

**Neurology Seminar Series**, Tuesday, April 11, 2023 11:00 AM-12:00 PM in AS6-2072 & zoom with

- scheduled speaker, Elliott Edmiston, PhD

**Neuroscience of Disease Forum Topics -**

- Opioid Addiction, Friday, April 21, 2023 12:15 PM-1:45 PM
- Disorders of Consciousness, Friday, May 12, 2023 12:15 PM-1:45 PM

[DOM Calendar](#)

[Grand Rounds Archives](#)

## We are Growing - see our open positions

To learn more about our various positions and to apply, [click here](#).

- **Clinical Research Coordinator III (2023-42752)**
- **Clinical Research Coordinator III (2023-42612)**

- Open Positions for The Bosco Lab**
- **Post Doctoral Associate (2022-40126)**

- **Clinical Research Assistant (2023-42611)**
- **Clinical Research Assistant (2023-42874)**
- **Research Associate (2022-42469)**
- **Research Associate (2022-40178)**
- **Research Associate 1 (2022-40749)**
- **Research Associate 1 (2021-39245)**
- **Post Doctoral Associate Fellow/Inst. (2022-40179)**

- **Research Associate (2022-39916)**
- The Brown Lab**
- **Research Associate (2022-41532)**
- The Gao's Lab**
- **Research Associate 1 (2022-38811)**
- The Rigel Chan Lab**
- **Research Associate 1 (2021-36596)**
- The Sena-Esteves Lab**
- **Research Associate (2022-42131)**
  - **Research Associate (2022-42133)**

## Upcoming UMASS training & event opportunities



Schedule your faculty headshot with the [Sign Up Link](#)

**Photo Sessions (FREE headshots!)**

**Date:** Every other Wednesday

**Time:** 9:00 am - 3:00 pm

**Location:** Sherman Center - 5th floor

### Scientific Writing

**Date:** April 25

**Time:** 12:00-1:00pm

Save the date for a virtual session on scientific writing. More information coming soon.

## Professional Staff Development

Office of Faculty Affairs

Center for Clinical & Translational Science

Visit the [Professional Staff Development Website](#)

- Quick link to the [Professional Staff Development Registration page](#)
- Quick link to the [Professional Staff Development Calendar](#)
- Quick link for [LMS SSO Helpdesk Support](#)

Click here to sign up for weekly emails from UMass Chan

## Diversity and Inclusion Office

To learn more about DIO

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## **UMass Medical School - Department of Neurology**

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