

NeuroNotes

MESSAGE FROM OUR CHAIR



Greetings. It is a pleasure to inaugurate our new departmental newsletter. We hope that this will become a quarterly venue for informal and enjoyable updates on all aspects of our department. This is a particularly exciting time for us all, as we welcome aboard four wonderful new faculty colleagues, featured below. We also welcome our outstanding new residents, new clinical staff, and several absolutely charming, very junior, honorary department members featured at the bottom of page 4. In the next issue, we will feature our very talented new post-docs and graduate students. Our thanks to Sarah Sierra for spear-heading this newsletter. Please forward any news items to her as we prepare the next edition!

—Robert H. Brown, Jr., DPhil, MD



**Kate Daniello, MD
& Michael**

What path brought you here?

I went to Tufts University. After college I moved to San Francisco and worked at UCSF doing ophthalmology basic science work with rats and mice. While I loved those little rodents, I realized working with people was more of my interest. So I moved back to Boston to go to medical school at Boston University.

I completed my intern year at Mount Auburn Hospital in Cambridge, MA and my neurology residency training at Boston University, Boston Medical Center (Dr. Deb was in my residency class!). I then went on to do a fellowship in neuromuscular medicine at Brigham and Women's Hospital and Massachusetts General Hospital where we spent six months at each place. And now have come to UMass to start my academic career!

What are you known for professionally? What do you have a knack for?

I am trained in neuromuscular medicine and to perform EMG/NCS. In the general neurology world (and in neuromuscular as well) I always seemed to see conversion disorder frequently during my training so have developed an interest in this. I particularly enjoy teaching as well.

What do people say about you?

It is always hard to know exactly, but I guess people often say I am friendly and approachable. I know my family would say I was 'responsible', as I am the oldest child, and they would say I can be set in my ways-though definitely always open to new suggestions.

WELCOME TO NEUROLOGY



Who have you worked with in the past?

I have worked with amazing residents and medical students throughout my training and as a chief resident. I have professionally worked with Dr. Anthony Amato who is known internationally for muscle diseases and wrote a book that is one of the key neuromuscular books titled 'Neuromuscular Disorders', which he had all of his fellows help edit the most recent version out this fall. I have also worked closely with Dr. Carlos Kase at Boston Medical Center who is known for his stroke research. And now I am eager to work with you all.

What are you most passionate about professionally?

I am passionate about neurology education. I often ask myself how I can teach better and thus learn myself better. My research interests currently involve residency education and in particular surrounding neuromuscular knowledge and EMG/NCS training.

What are you passionate about personally?

What do you really enjoy? What can't you stop talking about?

I am passionate about my family and notably my son Michael who just turned 5 months old so can't stop talking about him at the moment. He is working on sitting up and rolls all around these days, I can go on and on so beware. I am also passionate about travel. Before starting work I was traveling in Africa to Botswana and Zimbabwe on safari and spent some time in Johannesburg, South Africa as well. It was truly a trip of a lifetime. Already daydreaming about my next big trip, though guessing it will be more local trips with Michael these days. I also have a guilty pleasure of watching TV and movies, though have fallen behind with a newborn at home so don't ask me too much about TV these days!

Where can we find you when you're not working? What's your favorite way to spend a weekend or a Sunday afternoon?

You can find me most weekends spending time with my family, reading a fun book (ie fiction no neurology reading on the weekends) when I have the time, and walking the cities of Boston and Brookline, where we are living currently.

How long have you been doing what you do?

This is my first year out of training.

Where did you grow up?

I grew up half way between Boston and Worcester in a town called Sudbury. I actually met my husband while in high school there.

Any awards or medals, or even medallions?

Personal okay, too.

I have won two teaching awards during residency, one for humanism in medicine and teaching as well as a specific neurology teaching award. As an intern I won the excellence with compassion award. I wish I could say I have some medals; does it count that I watch my sister run the Boston marathon every year?

What would be impossible for you to give up? Pizza.

Why would someone not want to work with you?

I can sometimes be a bit too cheerful, which I suppose can be a bit annoying.

How do you want to be remembered?

I would want people to remember my smile and warmth. When they think of me, I want people to smile themselves.

Anything else you'd like to tell people about yourself?

I am thrilled to be here at UMass and to get to know all of you. Please stop by my office anytime!





What path brought you here?
I'm excited and honored to be joining the UMass Neurology community. I'm looking forward to making the Movement Disorders Program a comprehensive, patient-centered resource for our patient

Kara Smith, MD

community with opportunities for clinical and translational research. After fellowship at the University of Pennsylvania, I'm very happy to be back home in Massachusetts!

What are you known for professionally? What do you have a knack for?

I love taking care of patients with Movement Disorders, and the relationships you can develop with patients and their families in this field are extremely rewarding. I like to spend time with my patients educating them about their condition, and involving them in treatment decisions. My goal with patients is for them to feel informed, empowered, and optimistic.

What do people say about you?

I think people say I'm understated and hard-working. I think my patients would say I'm a good listener.

Who have you worked with in the past?

I completed Neurology residency at Beth Israel Deaconess Medical Center, and worked with Dr. Ludy Shih on a clinical research project about cognitive outcomes after deep brain stimulation surgery. I then completed a clinical and research fellowship at the University of Pennsylvania. I worked with Dr. Daniel Weintraub, Dr. Murray Grossman, Dr. Matthew Stern, and others in research focused on non-motor symptoms in Parkinson disease.



What are you most passionate about professionally?

I'm passionate about combining my clinical and research endeavors. In Parkinson disease, cognitive impairment dramatically impacts the disease course and quality of life, so I am very passionate about advancing research in this area. While we have great treatments for motor symptoms in Parkinson disease, therapies for cognitive symptoms are a huge gap I hope we can fill very soon.

What are you passionate about personally?

What do you really enjoy? What can't you stop talking about?

I love running. My goal is to run a half-marathon next year. I also enjoy cooking, trying new restaurants, dancing, going to concerts/theater/movies, and exploring new cities.

Where can we find you when you're not working? What's your favorite way to spend a weekend or a Sunday afternoon?

You would probably find me at the beach in the summer, running along the Charles River, having a potluck dinner with friends, or walking around Boston.

How long have you been doing what you do?

I graduated residency in 2013 and spent 2 years in fellowship.

Where did you grow up?

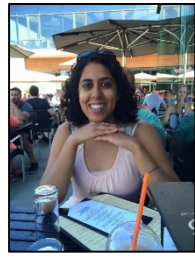
Needham, MA

What would be impossible for you to give up?

Dessert.

How do you want to be remembered?

As a caring, committed physician, a successful clinical researcher, and a fun person to be around.



Anindita Deb, MD

I am a Boston native and by definition, a Boston sports fanatic. I was born and raised in Burlington, MA. My love for biology, with a particular interest in dementia at the time was fostered by my AP Biology teacher at Burlington High School. After graduation,

I attended Harvard University with a concentration in Neurobiology. During college, I was able to travel to India on a grant from the South Asia Initiative which allowed me to work at Mother Teresa's orphanage in Kolkata and sparked a curiosity in global health. Another memorable event during my college experience was celebrating the 2004 Red Sox World Series win in Harvard Square surrounded by classmates! After reaching what seemed to be a surreal pinnacle in the Boston sports world, the first Red Sox win in nearly a century and two consecutive Patriots Super Bowl wins, I cautiously decided to cross over into enemy territory: New York. While at New York Medical College, I developed long-lasting friendships and committed to my love for neurology. After experiencing a heart-wrenching Giants win surrounded by Giants fans in my lone Pats jersey, I found myself yearning to return to Beantown. I completed both neurology residency and Movement Disorders fellowship at Boston University Medical Center under the mentorship of excellent clinician-educators. During the fellowship, I had the chance to grow as a clinician and develop clinical research skills while studying patients with autonomic dysfunction. I also developed my teaching skills as the Assistant Neurology Clerkship Director and mentored medical students through clinical research projects culminating in manuscript writing and publication. I am very excited to be at UMASS and use the experiences and mentorship I have had to develop the Movement Disorders program. I am also looking forward to becoming involved in resident and medical student education and promoting an interest in global health. When I am not at work, you can find me in Arlington where I live with my husband, Dev, and cat, Binnie, likely eating ice cream while relaxing in my yard.



Daniel Weber, MD

What path brought you here?

Geographically, The Pike. I live in Boston. My professional path involved medical school in Michigan, residency and clinical Epilepsy Fellowship in St. Louis, and a research Epilepsy

Fellowship in Boston before ending up in Worcester.

What are you known for professionally? What do you have a knack for?

My research is on medical education and developing and validating EEG teaching methods for residents. I've been told I'm a good teacher but I think I mainly have a knack for patience.

What do people say about you?

That I always seem happy - which is usually true.

Who have you worked with in the past?

Ed Hogan (Washington University in St. Louis), David McCarthy (BWH / Boston VA), Jay Pathmanathan (MGH / Boston VA)

What are you most passionate about professionally?

Epilepsy and Medical Education.

What are you passionate about personally?

What do you really enjoy? What can't you stop talking about?

My wife, travel, trying out new restaurants, getting out of the city and exploring the New England outdoors, my wife, Epilepsy, Medical Education, my blurred Work/Life balance.

Where can we find you when you're not working? What's your favorite way to spend a weekend or a Sunday afternoon?

Either at home watching TV, out trying a local brewery or restaurant, or really out finding a new (ideally flat) trail to hike.

How long have you been doing what you do?

Epilepsy - 2 years
Neurology - 6 years



Where did you grow up?

St. Johns, Michigan. Ask me where in person and I can show you on my hand, as any true Michigander would.

What would be impossible for you to give up?

My wife.

Why would someone not want to work with you?

I'm pretty easy going which may come off non-committal. There are many correct answers to most questions so I only strongly voice dissent when I think someone is choosing a wrong path.

How do you want to be remembered?

As a great physician, a great teacher, and someone who has changed the way we teach residents EEG for the better.



What path brought you here?

I've known that I wanted to be in the medical field since I exited the womb. Specifically I've always had a thing for brains. After obtaining my BS in Neurobiology from UC Davis, I moved to MA to begin my training as a critical care nurse practitioner. After obtaining my MSN, my goal was to work in intensive care and save ALL THE PATIENTS.

Unfortunately, after two years I realized that what actually happens in the ICU wasn't what I had signed up for and decided I needed to move to Israel to "find myself". My resume somehow found its way to the director of Neurology at Tel Aviv Sourasky Medical Center, who hired me as a research associate in the Movement Disorders Clinic. For two years I participated in several studies under one of the physicians well known to Dr. Paula Ravin. I moved back to MA, started working in Hospital Medicine and after a chance encounter here at UMass, Dr. Ravin, she recruited me to the clinic and now here I am!

What do people say about you?

People would likely say that I am quirky witty and kind.

What are you most passionate about professionally?

I am passionate about delivering high quality and thorough medical care that is interwoven with compassion and empathy. I strive to work myself both mentally and physically not only to better myself but to set a good example for my patients who may be struggling to incorporate healthy habits into their lives.



What are you passionate about personally? What do you really enjoy? What can't you stop talking about?

I am the quintessential crazy cat lady. I love all animals but specifically cats. I am raising two of my own specimens at home who love their mother very much.

Where can we find you when you're not working? What's your favorite way to spend a weekend or a Sunday afternoon?

When I'm not working you can find me painting, drawing, working on a craft project or laying under a pile of cats.

How long have you been doing what you do?

I have been working as a Nurse Practitioner since 2008. I love what I do and can't wait to increase my experience and depth of knowledge into the brilliant & fascinating world of Neurology.

Where did you grow up?

I grew up in Haifa, Israel, Montreal, Quebec and Sunnyvale, California. I hold three passports and am working on a 4th. I have been a citizen of the world and this has provided me with insight into several cultures and traditions. I am ever so grateful for these experiences.



Stephanie Pierce, MSN, FNP-BC

I am a board certified Family Nurse Practitioner and a graduate from UMass Medical School Graduate School of Nursing. I became interested in Neurology largely due to my past experience working with children and adults with intellectual and developmental disabilities. I have a genuine interest in caring for patients with neurodevelopmental and neurodegenerative disorders.

Prior to joining the department, I worked as the Director of Health Services at the New England Center for Children in Southborough, MA. I managed a department of more than a dozen primary care nurses and helped coordinate care of acute and chronic conditions for about 130 residential students with Autism Spectrum Disorder. The environment and dynamic needs of the population prepared me to work on an interdisciplinary health team to plan, organize, and evaluate the care in consultation with the patient's caregivers and specialists. I have an array of patient experiences working in the healthcare field, including working inpatient as a nurse on a Medical-Surgical Telemetry floor prior while I was in school for my master's degree in Nursing.



I was born and raised in Worcester, MA and currently reside in Marlborough, MA. I enjoy being active. I have played fastpitch softball (pitcher) for more than 20 years. I still play in the spring and summer a few times a week and I really enjoy it! I also coach a pitching clinic on the Sundays for about 20 youth pitchers in Dedham, MA. Recently, I have been into running (honestly more like jogging) and have completed two half marathons this year.

I am very excited to join the Epilepsy Service. I am looking forward to working closely with Dr. Phillips, Dr. Chu, and Dr. Weber as well as everyone else in the Neurology Department!

RESIDENTS' CORNER



As Chief Residents of Neurology, we welcome you to the Resident's Corner! We extend you an invitation to meet our residents, their achievements, personal lives and families. Please join us in formally welcoming our new residents. We hope you will enjoy our section and continue to read about our adventures in future editions.

–Johana Helenous, M.D., Ph.D. - Chief Resident

–Yunis Mayasi, M.D., M.S. – Chief Resident



NEW RESIDENTS



Swetha Ade, MBBS
PGY 2

Education: Kakatiya Medical College, India
Born: Adilabad, India
Hobbies: Cooking, swimming, gardening, hiking and traveling



Edouard Kamel, MD
PGY 2

Education: University of Balamand Faculty of Medicine and Medical Sciences, Lebanon
Born: Beirut, Lebanon
Hobbies: Tennis, electric rock, English rock, Classic pictures, French poetry and checkers



Oleg Yerokhin, MD
PGY 2

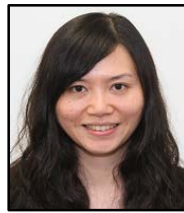
Education: St. George's University School of Medicine
Born: Moscow, Russian Federation
Hobbies: Running, personal fitness, Capoeira, cycling, table tennis

Education: Florida State University College of Medicine
Born: Milton, Florida
Hobbies: Music (guitar and voice), Dance (Ballroom), Reading (Novels and Theory), political engagement



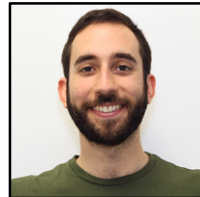
Joshua Claunch, MD
PGY 2

Education: Xiangya School of Medicine, Central South University, China
Born: Yueyang, China
Hobbies: Swimming, Guzheng (traditional Chinese string instrument)



Yi Li, MD
PGY 2

Education: NUI Galway School of Medicine, Ireland
Born: Sligo, Ireland
Hobbies: Neurology, Neuroscience, Health Care models and delivery, health economics, cooking, cycling, skiing, rowing



Navid Valizadeh, MD
PGY 2



Mehdi Ghasemi, MD
PGY 2

Education: Tehran University of Medical Sciences, Iran
Born: Tehran Iran
Hobbies: Hiking, riding, Swimming, billiard, bowling, writing poems and short stories, reading (novels, psychology, and self-help books)



Exciting Things to Come!

UMASS Riding Club

For more information about the riding club, please contact Neurology Chief Resident Mayasi Yunis





Name: Mira
DOB: 7/10/15
Weight: 7 lbs. 4 oz.
Max Mandelbaum, MD



Name: Audrey
DOB: 9/02/15
Weight: 8 lbs. 1 oz.
Adalia Jun, MD



Name: Michael
DOB: 3/14/15
Weight: 9 lbs. 1 oz.
Kate Daniello, MD



Name: Logan
DOB: 8/25/15
Weight: unknown
Kelly Ramirez, MD



Name: Zaryab
DOB: 11/10/2014
Weight: unknown
Nazish Riaz, MD

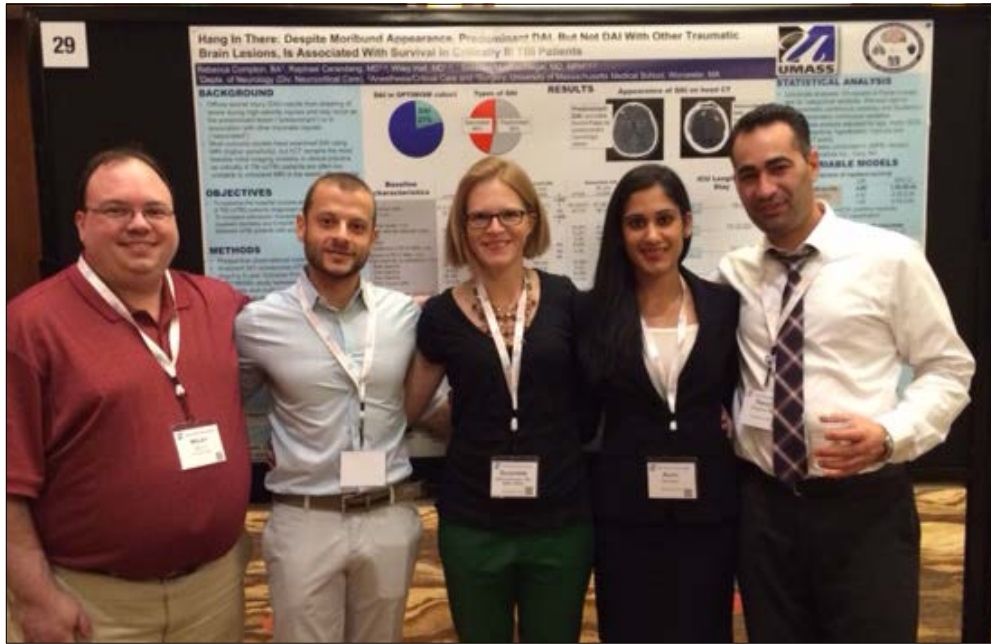


Name: Sadie
DOB: 10/13/2015
Weight: 7 lbs. 2 oz
Daryl Bosco, MD

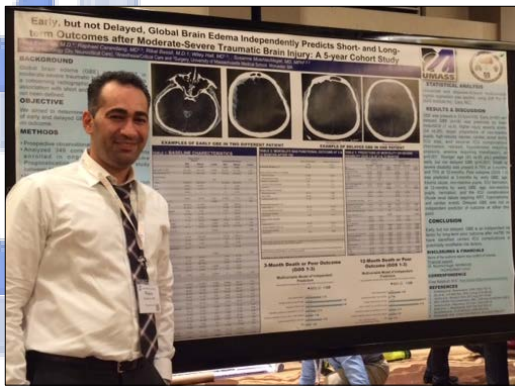


Name: Asher
DOB: 10/26/2015
Weight: 8 lbs. 1 oz
Kara Smith, MD

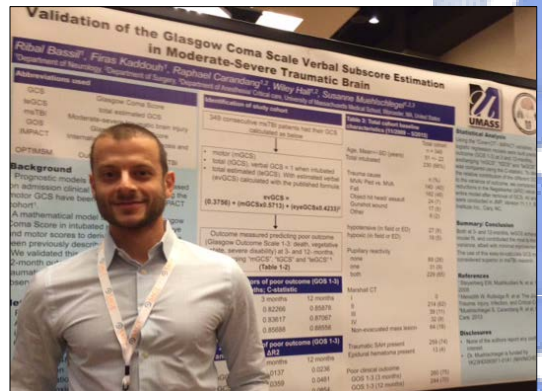
2015 Neurocritical Care Society Annual Meeting Scottsdale, AZ



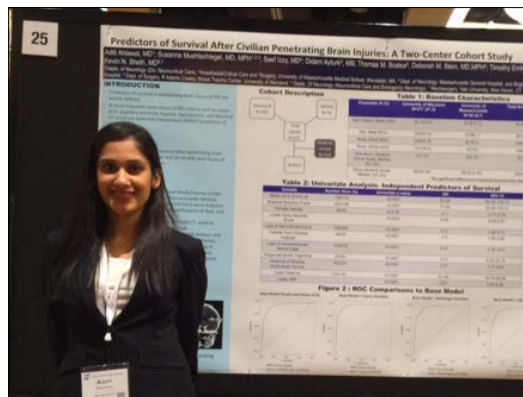
Dr. Hall; Dr. Bassil; Dr. Muehlschlegel; Dr. Aditi; and Dr. Kaddouh



Dr. Kaddouh



Dr. Bassil



Dr. Aditi

Farewell To Ravin And Novak!



From left: Dr. David Paydarfar and Dr. Paula Ravin



From left: Dr. David Paydarfar, Dr. Peter Novak and Dr. Raphael Carandang

Welcome All New Clinical Staff!



From left: Dr. Drachman; Dr. Bomprezzi; Dr. Deb; NP, Pierce; Dr. Smith; NP, Cohen; Dr. Daniello; Dr. Weber; Dr. Brown; and Dr. Paydarfar



MILESTONE

CELEBRATING 20 YEARS WITH NEUROLOGY



Dr. Isabelita Bella

I joined the Neurology faculty at UMass in 1995 after completing a 2 year neuromuscular fellowship (also at UMass) under David Chad. During these past 20 years, I have enjoyed my time working and teaching in the EMG lab and neuromuscular clinic along with providing neurological services to our affiliate hospital, Day Kimball Hospital. I have been fortunate to work with wonderful, distinguished colleagues in an environment that promotes collaboration and learning.

CELEBRATING 10 YEARS WITH NEUROLOGY



Dr. Wiley Hall

I started in the Neurology Department in 2005 as the first Neurointensivist at UMass, arriving green, eager, and fresh out of fellowship. Over the next several years we built the Neurocritical care program here, recruiting two more Neurointensivists and building a program of five nurse practitioners and physician assistants. I then moved on to start the Teleneurology program which serves UMass and seven affiliated hospitals. I have even served a brief, indistinguished epoch in the outpatient clinic. I've had offices on almost any floor, but these days I'm on the sunny 4th floor, stop by any time!

CONGRATULATIONS

AWARDS

2014 William J Schwartz, MD

Dean's Award for Outstanding Faculty Contribution to Graduate Education, Graduate School of Biomedical Sciences, University of Massachusetts Medical School Visiting Fellow, Bernstein Center for Computational Neuroscience, Berlin, & Center for Advanced Studies, Ludwig Maximilians Universität, Munich, Germany

The 9th Pittendrigh/Aschoff Lecture, 14th Mtg. Soc. Res. Biol. Rhythms, Big Sky, MT

2015
The 3rd Adrian R. Morrison Keynote Address, Ctr. for Sleep & Circadian Neurobiology, Perelman School of Medicine, U. Pennsylvania, Philadelphia, PA

2015 Raphael Carandang, MD
Alpha Omega Alpha Society induction

2015 Peter Novak, MD
Great Britain fellow of the Royal Society of Medicine

2014 Majaz Moonis, MD

Developed an invited educational slide presentation to launch with the guidelines on Arterial Dissections and CMT

Visiting Fellow to establish a Stroke Academic Center at NIMHANS, Bangaluru, India

2015
Developed a teaching slide set presented nationally and internationally along accompanying the revised guidelines on Acute Stroke Management

2015 Susanne Muehlschlegel MD, MPH
"Improving Clinical Decisions for Critically Ill Traumatic Brain Injury Patients" by NIH/NICHD Eunice Kennedy Shriver Institute of Child Health and Human Development. Award period 2015-2020.

2015 David Paydarfar, MD
The David A. Chad Teaching Award (2014-2015), Department of Neurology, University of Massachusetts Medical School.

Dr. Lan Qin, MD, PhD

2015
Neurology Clerkship Director, was awarded the Educational Achievement Award for outstanding achievement in medical student education (presented by the medical school in May.)

Lois Holmes

Neurology Clerkship Coordinator, was awarded the American Academy of Neurology 2015 Clerkship Coordinator Recognition Award in April (1 of only 2 national recipients) in Washington, DC.

PROMOTIONS

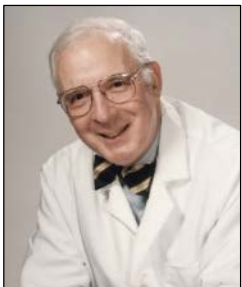
Susanne Muehlschlegel - Associate Professor

MARRIAGES



Dr. Edouard Kamel, and spouse on their wedding day!
8/29/2015

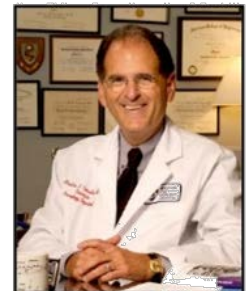
SPECIAL EVENT



Dr. Elliott M. Marcus

On Tuesday, September 22, 2015, our friend and colleague, **Prof. Marty Samuels**, delivered an outstanding lecture entitled "The History of Boston Neurology" honoring our former associate **Dr. Elliott M. Marcus**. Dr. Marcus was an emeritus Professor of Neurology at the University of Massachusetts Medical School and a former Professor at Tufts Medical School. He graduated from Yale magna cum laude with distinction in psychology in 1954; he then completed medical school and neurology training at Tufts Medical School and Columbia Presbyterian

Hospital. While at Columbia, he met his future wife, Dr. R. Nuran Turksoy. Dr. Marcus was passionate about the teaching neuroscience and neurology. He authored many textbooks and established the neuroscience teaching program at Tufts. In 1976 he moved to UMass Medical School and St. Vincent's Hospital in Worcester, where he organized an academic neurology service. After retiring in 1998, he continued to teach neurology to students and residents. He received numerous teaching awards at Tufts and UMass and published many research papers in the field of epilepsy.



Martin A. Samuels, M.D.



- ▶ **Bomprezzi R.** Dimethyl fumarate in the treatment of relapsing-remitting multiple sclerosis: an overview. *Ther Adv Neurol Disord.* 2015; 8: 20-30.

Roberto Bomprezzi, MD, PhD



- ▶ Boopathy S, Silvas TV, Tischbein M, Jansen S, Shandilya SM, Zitzewitz JA, Landers JE, Goode BL, Schiffer CA, **Bosco DA.** Structural basis for mutation-induced destabilization of profilin 1 in ALS. *Proc Natl Acad Sci U S A.* 2015 Jun 8; PubMed PMID: 26056300.
- ▶ Matus S, **Bosco DA,** Hetz C. Autophagy meets fused in sarcoma-positive stress granules. *Neurobiol Aging.* 2014 Dec;35(12):2832-5. PubMed PMID: 25444610; PubMed Central PMCID: PMC4324442

Daryl A Bosco, PhD

- ▶ Ward CL, Boggio KM, Johnson BN, Boyd JB, Douthwright S, Shaffer SA, Landers JE, Glicksman MA, **Bosco DA.** A loss of FUS/TLS function leads to impaired cellular proliferation. *Cell Death Dis.* 2014 Dec 11;5:e1572. PubMed PMID: 25501833
- ▶ Rotunno MS, Auclair JR, Maniatis S, Shaffer SA, Agar J, **Bosco DA.** Identification of a misfolded region in superoxide dismutase 1 that is exposed in amyotrophic lateral sclerosis. *J Biol Chem.* 2014 Oct 10;289(41):28527-38. PubMed PMID: 25164820; PubMed Central PMCID: PMC4192504.



**Dr. Robert H. Brown, Jr.,
DPhil, MD**

- ▶ Seiffers R, Zhang J, Matthews JC, Chen A, Tamrazian E, Babaniyi O, Selig M, Hynynen M, Woolf CJ, **Brown RH Jr.** ATF3 expression improves motor function in the ALS mouse model by promoting motor neuron survival and retaining muscle innervation. *PNAS,* Jan 28;111(4):1622-7, 2014.
- ▶ Fridman V, Oaklander AL, David WS, Johnson EA, Pan J, Novak P, **Brown RH,** Eichler FS. Natural history and biomarkers in hereditary sensory and autonomic neuropathy type I. *Muscle Nerve,* Jul 10, 2014. doi: 10.1002/mus.24336. [Epub ahead of print]

- ▶ Diekstra FP, Van Deerlin VM, van Swieten JC, Al-Chalabi A, Ludolph AC, Weishaupt JH, Hardiman O, Landers JE, **Brown RH Jr,** van Es MA, Pasterkamp RJ, Koppers M, Andersen PM, Estrada K, Rivadeneira F, Hofman A, Uitterlinden AG, van Damme P, Melki J, Meininger V, Shatunov A, Shaw CE, Leigh PN, Shaw PJ, Morrison KE, Fogh I, Chiò A, Traynor BJ, Czell D, Weber M, Heutink P, de Bakker PI, Silani V, Robberecht W, van den Berg LH, Veldink JH. C9orf72 and UNC13A are shared risk loci for amyotrophic lateral sclerosis and fronto-temporal dementia: a genome-wide meta-analysis. *Ann Neurol,* Jul;76(1):120-33, 2014.
- ▶ Kiskinis E, Sandoe J, Williams LA, Boulting GL, Moccia R, Wainger BJ, Han S, Peng T, Thams S, Mikkilineni S, Mellin C, Merkle FT, Davis-Dusenbery BN, Ziller M, Oakley D, Ichida J, Di Costanzo S, Atwater N, Maeder ML, Goodwin MJ, Nemesk R, Handsaker RE, Paull D, Noggle S, McCarroll SA, Joung JK, Woolf CJ, **Brown RH,** Eggan K. Pathways disrupted in human motor neurons identified through genetic correction of mutant SOD1. *Cell Stem Cell,* Jun 5;14(6):781-95, 2014.

- ▶ Wainger BJ, Kiskinis E, Mellin C, Wiskow O, Han SS, Sandoe J, Perez NP, Williams LA, Lee S, Boulting G, Berry JD, **Brown RH Jr,** Cudkowicz ME, Bean BP, Eggan K, Woolf CJ. Intrinsic hyperexcitability of amyotrophic lateral sclerosis – derived motor neurons. *Cell Rep,* Apr 10;7(1):1-11, 2014.
- ▶ Yang C, Wang H, Qiao T, Yang B, Aliaga L, Qiu L, Tan W, Salameh J, McKenna-Yasek DM, Smith T, Peng L, Moore MJ, **Brown RH Jr,** Cai H, Xu Z. Partial loss of TDP43 function causes phenotype of amyotrophic lateral sclerosis. *Proc Natl Acad Sci U S A.,* Mar 25;111(12):E1121-9, 2014. doi: 10.1073/pnas.1322641111. Epub 2014 Mar 10.
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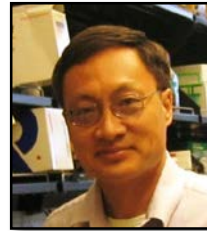


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Peter Novak PhD, MD

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David Paydarfar, MD

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- ▶ Paul MJ*, **Indic P***, Schwartz WJ. Social Synchronization of Circadian Rhythmicity in Female Mice Depends on the Number of Cohabiting Animals. *Biology Letters*. 2015, 11(6): (*Co- first authors)
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William J Schwartz, MD

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- ▶ Paul MJ, Indic P, **Schwartz WJ**. Social synchronization of circadian rhythmicity in female mice depends on the number of cohabiting animals. *Biol Lett*. 2015; 11: 20150204.

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- ▶ **Smith KM** and Spindler M. Uncommon applications of deep brain stimulation in hyperkinetic movement disorders. *Tremor and Other Hyperkinetic Movement Disorders* 2015;5(2): 278.



Kara Smith, MD



EVENT CALENDAR

SEPTEMBER

stART on the Street: Fall Edition

Sunday, September 20, 2015

Time: 11 a.m. - 6 p.m.

Location: Park Ave between Highland and Pleasant Streets

Annual Required Education Due!

September 30th

North Quabbin Garlic & Arts Festival

Saturday, September 26 – Sunday 27, 2015

Time: 10:00 AM - 5:00 PM

Location: Forster's Farm

60 Chestnut Hill Road

Orange, Massachusetts

Cost: \$5 for adults, kids 12 and under free

Weekend pass \$8

OCTOBER

Annual Gala at Venezia Restaurant

Boston, MA

Saturday, October 17, 2015

Time: 6:30 PM

2nd Annual Food Addiction Conference

Friday, October 16, 2015

Time: 8:30 a.m. to 5:00 p.m.

(Registration 8 a.m.)

Location: Albert Sherman Center (AS2.2102)

NOVEMBER

Neurology Pot Luck-Lunch

Thursday, November 19, 2015

Time: 12 – 2 p.m.

DECEMBER

Neurology Christmas Party

Date pending

Time: 5 – 8 p.m.