

Kudos!

Residents and Fellows

2018-2019 Academic Year

About

This is the 5th annual newsletter to acknowledge the various accolades and accomplishments of the Physical Medicine and Rehabilitation Residents and Fellows at Northwestern Feinberg School of Medicine / Shirley Ryan AbilityLab.

Chief Residents

2018-2019

Ryan Doyel, MD

Matthew Haas, MD

Courtney Stefanski, MD

Chief Residents

2018-2019

Debbie Lee, MD

Kevin Huang, DO

Ishan Roy, MD, PhD



American Academy of Physical Medicine & Rehabilitation (AAPM&R) Annual Assembly Orlando, FL. October 25-28, 2018.
6 Resident/Fellow Podium & Poster Presentations



Association of Academic Physiatrists (AAP) Annual Meeting San Juan, Puerto Rico. February 19-23, 2019
25 Resident/Fellow Podium & Poster Presentations

Additional Conferences with Resident/Fellow Presentations:

American Academy for Cerebral Palsy and Developmental Medicine (AACPDMD) – 2

American Congress of Rehabilitation Medicine Annual Conference- 1

American Medical Society for Sports Medicine (AMSSM) – 1

International Conference on Rehabilitation Robotics 2019 – 1

Rehabilitation Engineering and Assistive Technology Society of North America's 2019 Annual Conference - 2

American Association of Neuromuscular & Electrodiagnostic Medicine Annual Meeting - 1

American College of Sports Medicine (ACSM) – 2

American Society of Regional Anesthesia and Pain Medicine (ASRA) Annual Conference - 1

15th Annual Lewis Landsberg Research Day, Northwestern Feinberg – 6

Mid-Year Meeting American Osteopathic College of Physical Medicine and Rehabilitation - 1

Podium Presentations

Cotton RJ, Lee KH, Chung HU, Rogers J. Wearable Electronics for Electromyographic Biofeedback in Incomplete Paraplegia. AAP Annual Meeting. San Juan, PR. February 2019.

Cotton RJ. Wearable Monitoring of Joint Angle and Muscle Activity. International Conference on Rehabilitation Robotics. Toronto, Canada. June 2019.

Cotton RJ. Self-dosed electromyography biofeedback via wearable electronics in spinal cord injury: a feasibility study. Rehabilitation Engineering and Assistive Technology Society of North America. Toronto, Canada. June 2019.

Dadabo J. Research Inspiration for the Trainee: Medical School, Residency, & Fellowship. AAP Annual Meeting. San Juan, PR. February 2019.

Huang K, Chu S. Knee Injury – Dancer. American College of Sports Medicine. Orlando, FL. May 2019.

Lee D. An In Vitro Neurotrauma System to Evaluate the Effect of a Common BDNF Genetic Polymorphism on the Survival of Human Cortical Neurons Generated from Induced Pluripotent Stem Cells. AAPM&R Annual Assembly. Orlando, FL. October 2018.

Lee D, Pasha J, Maguire M. Unlocking Implicit Bias: How Our Hidden Attitudes are Affecting How We Care for Patients. AAMC GRA/ORR Joint Spring Meeting. Portland, Oregon. April 2019.

Nussbaum R. Dicianno B, Parmanto B. State of the Science Workshop Title: Overview of State of the Art: Health for People with Disabilities. Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) Annual Conference. July 2018.

Poster Presentations

Bhakta A, Sliwa J. A Multidisciplinary Quality Improvement Project to Reduce Unplanned Transfers due to Feeding Tube Related Adverse Events. AAPM&R Annual Assembly. Orlando, FL. October 2018.

Bhakta A, Sliwa J. Medically Advanced Care Unit to Reduce Unplanned Transfers to Acute Care. AAP Annual Meeting. San Juan, PR. February 2019.

Branch D, Reger C. Rare Adverse Drug Event: The Development of Pisa Syndrome while taking Cariprazine. AAP Annual Meeting. San Juan, PR. February 2019.

Callahan M, Cowan R. Environmental Barrier Perception and Behavior Among Manual Wheelchair Users with Spinal Cord Injury. AAPM&R Annual Assembly. Orlando, FL. October 2018.

Dadabo J, Rho M. Early-Onset Advanced Cervical Spondylosis Associated with Paroxysmal Kinesigenic Dyskinesia: A Case Report. AAP Annual Meeting. San Juan, PR. February 2019.

Dadabo J, Doyel R, Jayabalan P. An Uphill Task: The Effects of an Endurance Stair Climb on Individual Health. AAP Annual Meeting. San Juan, PR. February 2019.

Fellow Future Practice

Laura Black, MD
Pediatric Rehabilitation Attending Physician &
Assistant Professor
Indiana University School of Medicine – Indianapolis

Benjamin Ingraham, DO
Brain Injury Attending Physician &
Assistant Professor
University of Utah Health – Salt Lake City

Matthew Santa Barbara, MD
Sports Medicine Attending Physician
Henry Ford Health System
Assistant Professor, Wayne State – Detroit

Luis Soliz, MD
Sports Medicine Fellowship
Rush University/Midwest Orthopedics – Chicago

Lauren Splittgerber, MD
Sports Medicine Attending Physician
PCC Community Wellness Sports Medicine Clinic -
Chicago

Future Fellowships & Practices

Morgan Callahan, MD
Pain Medicine Fellowship
Northwestern Feinberg School of Medicine – Chicago

Jeffrey Cheng, MD
General Psychiatry, Attending Physician
Milwaukee VA Medical Center/Medical College of
Wisconsin - Milwaukee

Ross Coolidge, DO
General Psychiatry, Attending Physician
Shirley Ryan AbilityLab – New Lenox

Joseph Dadabo, MD
Sports Medicine Fellowship
Northwestern Feinberg School of Medicine /
Shirley Ryan AbilityLab – Chicago

Ryan Doyel, MD
General Psychiatry, Attending Physician
Shirley Ryan AbilityLab

Neil Droppers, DO
Interventional Spine Fellowship
University of Michigan – Ann Arbor

Matthew Haas, MD
Pediatric Rehabilitation Fellowship
Cincinnati Children's Hospital - Cincinnati

Audrey Leung, MD
Spinal Cord Injury Fellowship
University of Washington – Seattle

Laura Malmut
General Psychiatry, Attending Physician
MedStar National Rehabilitation
Assistant Professor, Georgetown University –
Washington DC

Courtney Stefanski, MD
General Psychiatry, Attending Physician
Marianjoy Rehabilitation Hospital
Assistant Professor, Chicago Medical School –
Wheaton

Deike D. 'I am smarter than they are' Kids with CP-Qualitative Responses to Bullying. American Academy of Cerebral Palsy and Developmental Medicine Annual Meeting. October 2018.

Deike D. The Association of Hepatoblastoma, Cerebral Palsy, and Prematurity: Case Reports. American Academy of Cerebral Palsy and Developmental Medicine Annual Meeting. October 2018.

Doyel R, Dadabo J, Jayabalan P. The Effect of Environmental Changes to an Academic Rehabilitation Hospital on Employee Walking Duration. AAP Annual Meeting. San Juan, PR. February 2019.

Doyel R, Dadabo J, Stefanski C, Jayabalan P. The Effects of Endurance Stair Climbing on Individual Health. American College of Sports Medicine 66th Annual Meeting. Orlando, FL. May 2019.

Franz C, Puritz A, **Leung A,** Grant R, Udani S, Phillips J, Finan JD, Kiskinis E. In Vitro Trauma Induces TDP-43 Proteopathy and Exacerbates Motor Neuron Degeneration in ALS Patient iPSC-derived Motor Neurons. International Motor Neuron Society. June 2018.

Haas M, Calisoff R. Worsening of polyarticular pain by trazodone: a case report. AAP Annual Meeting. San Juan, PR. February 2019.

Huang K, Jayabalan P, McClary K, Srdanovic N. The Effect of Psychosocial and Socioeconomic Factors on Pain Experience in Patients Receiving Corticosteroid Injection in Knee Osteoarthritis. AAPM&R Annual Assembly. Orlando, FL. October 2018.

Huang K, Kessler A, Rydberg L. Arachnoiditis and Quadriplegia After Platelet-Rich Plasma Spinal Injection with Fibrin Sealant in an Adult Male: A Case Report. AAP Annual Meeting. San Juan, PR. February 2019.

Huang K, Reger C. Anti-SRP Polymyositis: The Rehabilitation Course of a Rare and Treatment-Resistant Myositis. AAP Annual Meeting. San Juan, PR. February 2019.

Kivlehan E, Goodman D. Myotonic dystrophy masked by diagnosis of cervical spinal cord mass. AAP Annual Meeting. San Juan, PR. February 2019.

Kivlehan E, Marciniak C. Pseudo Rheumatoid Arthritis in Early Parkinson's Disease. AAP Annual Meeting. San Juan, PR. February 2019.

Lee D, Daley E, Leung A, Puritz A, Finan J, Franz C. An In Vitro Neurotrauma System to Evaluate the Effect of a Common BDNF Genetic Polymorphism on the Survival of Human Cortical Neurons Generated from Induced Pluripotent Stem Cells. AAPM&R Annual Assembly. Orlando, FL. October 2018.

Lee D, Wodarski L, Vidakovic L. Unique Use of Magnets in Management of Post-hypoxic Choreodystonia: A Case Report. AAP Annual Meeting. San Juan, PR. February 2019.

Lee D, Anshel A. A Rare Tumor in a Rare Location for a Rare Case of Three Primary Cancers in a Patient. AAP Annual Meeting. San Juan, PR. February 2019.

Lee D, Walega D. Unilateral Arachnoiditis Presenting as Complex Regional Pain Syndrome. American Society of Regional Anesthesia and Pain Medicine (ASRA) Annual Conference. Las Vegas, NV. April 2019.

Leung A, Kim Ki. Outcomes After Tetraplegia Secondary to West Nile Encephalitis: A Case Report. Academy Spinal Cord Injury SCIP. September 3-5, 2018.

Mackeben M, Reger C. A Rare Complication of a Rare Disease: Cranial Nerve Palsies Secondary to Lemierre Syndrome. AAP Annual Meeting. San Juan, PR. February 2019.

Malmut L, Doyel R, Rho M. Pediatric Rehabilitation Emergency Training for PM&R Residents Using a High-Fidelity Patient Simulator. AAP Annual Meeting. San Juan, PR. February 2019.

Malmut L, Rydberg L, Kivlehan E. Cardiac Arrest Management in the Rehabilitation Setting: A Targeted Education Program for Physical Medicine & Rehabilitation Residents. AAP Annual Meeting. San Juan, PR. February 2019.

Malmut L, Rho M. Simulation-Based Education for Rehabilitation Emergencies: An Education Program for Physical Medicine & Rehabilitation Residents. AAP Annual Meeting. San Juan, PR. February 2019.

Malmut L, Vidakovic L. Fluoroquinolone-Associated Rotator Cuff Tendinopathy: A Case Report. AAP Annual Meeting. San Juan, PR. February 2019.

Malmut L, Neal J. Multiple Sensory Mononeuropathies as a Complication of Long Saphenous Vein Harvest: An Unusual Case. American Association of Neuromuscular & Electrodiagnostic Medicine Annual Meeting, Washington, DC. October 2018.

Malmut L, Goodman D. Rehabilitation Outcomes of a Patient with Acute Pontine Infarction due to Varicella-zoster Virus Vasculopathy. American Congress of Rehabilitation Medicine Annual Conference. Sept-Oct 2018.

Malmut L, Mhatre P. Vertebral Artery Dissection Associated with High Intensity Exercise Training: A Case Report. International Society of Physical and Rehabilitation Medicine 12th World Congress. Paris, France. July 2018.

Martin J, Jayabalan P. Sports-related traumatic osteoarthritis of the manubriosternal joint in a young athlete. AAP Annual Meeting. San Juan, PR. February 2019.

Martin J, Jayabalan P. Chest Pain in Rugby. American College of Sports Medicine 66th Annual Meeting. Orlando, FL. May 2019.

Masci M, Oswald M. Acute inpatient rehabilitation for a complex patient with West Nile Virus encephalitis and polyneuropathy: a case report. AAP Annual Meeting. San Juan, PR. February 2019.

Nussbaum R, Vidakovic L. Perpetual Post-Herpetic Pruritis and the Challenges of Treatment. Mid-Year Meeting American Osteopathic College of Physical Medicine and Rehabilitation. March 2019.

Osborn M, Bruce C. An ethical framework for mitigating physician bias in the treatment of chronic non-malignant pain. AAPM&R Annual Assembly. Orlando, FL. October 2018.

Osborn M, Anshel A. Atypical presentation of crowned dens syndrome with good functional recovery. AAP Annual Meeting. San Juan, PR. February 2019.

Rodericks D, Socie M, Huang M. A Novel Shoulder-Elbow Orthosis in a Patient with Bilateral Shoulder Loss. AAP Annual Meeting. San Juan, PR. February 2019.

Santa Barbara M, Chu S. Hip Pain in a Weightlifter. American Medical Society for Sports Medicine. Houston, TX. April 2019.

Splittergerber L. More Pain in the Long Run: An Unusually Lengthy Cause of Leg Pain. American Medical Society for Sports Medicine Annual Meeting. Houston, TX. April 2019

Stefanski C, Karakostas T, Moseley-Gholl A, Gaebler D, Swaroop V, Jayabalan P. Computerized Gait Analysis (CGA) in Diagnosing Patellar Tendinopathy in an adolescent with Cerebral Palsy Spastic Hemiplegia: A Case Report. AAP Annual Meeting. San Juan, PR. February 2019.

Wei D, Brkic N. Gastrostomy tube misplacement into the colon: Broadening the differential in a brain injury patient. AAP Annual Meeting. San Juan, PR. February 2019.

Peer-Reviewed Publications

Callahan M, Cowan R. Relationship of fitness and wheelchair mobility with encounters, avoidances, and perception of environmental barriers among manual wheelchair users with Spinal Cord Injury. Archives Physical Medicine and Rehabilitation. 2018 Oct; 99(10).

Cotton R Lee K, Chung H, Rogers J. Self-dosed electromyography biofeedback via wearable electronics in spinal cord injury: a feasibility study. Accepted to Proceedings of International Conference on Rehabilitation Robotics. 2019

Cotton R, Rogers J. Wearable Monitoring of Joint Angle and Muscle Activity. Accepted to RESNA Assistive Technology Journal. 2019.

Franz C, Joshi D, Daley E, Grant R, Dalamngkas K, **Leung A**, Finan J, Kiskinis E. The Impact of Traumatic Brain Injury on Amyotrophic Lateral Sclerosis - From Bedside to Bench. J Neurophysiology 2019; Epub ahead of print.

Huang K, Lee D, Ingraham B, Hijaz T, Anshel A. Idiopathic Copper Deficiency Myeloneuropathy Resulting in Paraparesis: A Case Report. PM&R. 19 Nov 2018.

Malmut L, Rho M. Simulation-Based Education for Urgent Medical Complications Common to the Rehabilitation Setting: An Educational Program for Physical Medicine and Rehabilitation Residents. PM&R. 2019 Feb 18.

Nussbaum R, Kelly C, Quinby E, Mac A, Parmanto B, Dicianno B. A systematic review of mobile health applications in rehabilitation. Archives of Physical Medicine and Rehabilitation. Jan 2019.

Nussbaum R, Kelly C, Quinby E, Mac A, Parmanto B, Dicianno B. Mobile Health Apps Are Used for Many Rehabilitation Purposes. *Archives of physical medicine and rehabilitation* 100, no. 4: 782-783. April 2019.

Roy I, Roy V, Lee L, Uihlein M, Lee K. Ultrasonographic comparison of the lateral epicondyle in wheelchair-user (and able-bodied) tennis players: A pilot study. *The Journal of Spinal Cord Medicine*. Published online: 17 Apr 2019.

Spittgerber L, Ihm J. Significance of Asymptomatic Tendon Pathology in Athletes. *Current Sports Medicine Reports*. Publication status: In print; anticipated print date 06/2019.

Walker E, **Cotton RJ**, Ma W, Tolias AS. A neural basis of probabilistic computation in visual cortex. Accepted in *Nature Neuroscience*. 2019.

Book Chapters

Doyel R, Rho M. (2019). Cervical Radiculopathy. *McLean EMG Guide, 2nd Edition*. Demos Medical/Springer.

Revivo G, Amstutz DK, **Haas MT**. Pediatric Chronic Pain. In: Murphy KP, McMahon MA, Houtrow AJ, eds. *Pediatric Rehabilitation: Principles and Practice*. New York, NY: Springer. (Pending publication August 2020).

Awards/Honors

- 🏆 Outstanding Teaching Award, 2018-2019, Northwestern University Feinberg School of Medicine - Matthew Haas, Laura Malmut
- 🏆 McGaw Medical Education Clinical Scholars Program: Akash Bhakta, Matthew Haas*, Kevin Huang, Emily Kivlehan, Laura Malmut* (*Certificate completed June 2019)
- 🏆 American Spinal Injury Association 2019 Apple Award – Morgan Callahan
- 🏆 American Association of Neuromuscular & Electrodiagnostic Medicine 2019 President’s Research Initiative Award – Ronald James Cotton
- 🏆 Shirley Ryan AbilityLab – Craig H. Nielson Foundation Infrastructure Grant – Meghan Wilson
- 🏆 American Medical Society for Sports Medicine Conference 2019, Best Overall Case – Matthew Santa Barbara

Positions

- 🏆 Resident Coordinator for MSK Community Clinic – Ryan Doyel, Kevin Huang
- 🏆 AAPM&R Physiatrist-in-Training (PHiT) Council member, Nominating Committee – Matthew Haas
- 🏆 AAP Resident and Fellow Council, Medical Student Affairs Representative – Emily Kivlehan
- 🏆 ACGME PM&R Resident Review Committee, Resident Representative – Emily Kivlehan
- 🏆 AAMC Organization of Representatives, Administrative Board Member – Debbie Lee
- 🏆 AAPM&R PHiT Ambassador, 2018-2019 – Sindhoori Nalla
- 🏆 Physical Medicine & Rehabilitation Medical Education Track - Akash Bhakta, Dana Branch, Ross Coolidge, Dawn Deike, Kevin Huang, Emily Kivlehan, Debbie Lee, Audrey Leung, Melanie Mackeben, Laura Malmut, Joshua Martin, Marco Masci, Melissa Osborn, Deirdre Rodericks, Courtney Stefanski, Daniel Wei, Meghan Wilson

Rehab in Review Contributors

- 🏆 Akash Bhakta, Morgan Callahan, James Cotton*, Joe Dadabo, Ryan Doyel, Neil Droppers, Kevin Huang, Debbie Lee, Laura Malmut, Ishan Roy* (*Co-Coordinator)

Shirley Ryan
Abilitylab®

Northwestern University Feinberg School of Medicine 