

## Residents and Fellows - 2019-2020 Academic Year

## **About**

"Kudos!" is the annual newsletter acknowledging the various accomplishments and accolades of the Physical Medicine & Rehabilitation residents and fellows at Northwestern Feinberg School of Medicine/Shirley Ryan AbilityLab. This is the 6<sup>th</sup> edition of the newsletter.

## **Chief Residents**

#### 2019-2020

Kevin Huang, DO

Debbie Lee, MD

Ishan Roy, MD-PhD

#### **Chief Residents**

#### 2020-2021

G. Ross Malik, MD

Emily Marquez, MD

Sindhoori Nalla, DO

# aapm&R

ANNUAL ASSEMBLY 2019

NOVEMBER 14-17, 2019 • SAN ANTONIO, TX



American Academy of Physical Medicine & Rehabilitation (AAPM&R) Annual Assembly San Antonio, TX. November 14-17, 2019. 18 Resident/Fellow Podium & Poster Presentations

## ISPRM 2020 – $14^{th}$ ISPRM World Congress and $53^{rd}$ AAP Annual Meeting

Orlando, FL. March 4-9, 2020.

35 Resident/Fellow Podium & Poster Presentations

### **Additional Conferences with Resident/Fellow Presentations:**

ACGME Annual Education Conference - 1

American Academy for Cerebral Palsy and Developmental Medicine (AACPDM) – 1

American Congress of Rehabilitation Medicine Annual Conference- 3

American Medical Society for Sports Medicine (AMSSM) -2 acceptances

AREADNE Conference\* – 1 acceptance

Association of American Medical Colleges Annual Meeting – 1

Association of American Medical Colleges Organization of Resident Representatives Administrative Board and Leadership Forum – 1

American Spinal Cord Injury Association\* – 1 acceptance

American Association of Neuromuscular & Electrodiagnostic Medicine Annual Meeting - 2

American College of Sports Medicine  $(ACSM)^* - 5$ 

Cybathlon\* – 1 acceptance

Educational Conference of the Academy of Spinal Cord Injury Professionals – 1

From Neuroscience to Artificially Intelligent Systems (NAISys)\* – 1 acceptance

Implementation of Early Detection and Intervention For Cerebral Palsy Conference\* – 3 acceptances (postponed)

Spine Intervention Society Annual Meeting – 1 (Debbie)

16<sup>h</sup> Annual Lewis Landsberg Research Day\*, Northwestern Feinberg – 4 acceptances

North American Brain Injury Society 15<sup>th</sup> Annual Meeting -1

RehabWeek Conference - 1

Society for Neuroscience – 1

## **Podium Presentations**

**Cotton, J.** Wearable Electromyography Decoding for People with Tetraplegia Demonstrated with Smartphone Control and Virtual Reality Navigation. AAP/ISPRM 2020. Orlando, FL. March 2020.

**Cotton, J.** Wearable Monitoring of Joint Angle and Muscle Activity. International Conference on Rehabilitation/Robotics / RehabWeek. Toronto, CA. June 2019.

Edwards, J. Fellowship Roundtables. AAP/ISPRM 2020. Orlando, FL. March 2020.

**Haselhorst**, **A**, Rho, M. Pain in a Pediatric Ballerina. Tachdjian Memorial Visiting Professor Symposium, Lurie Children's Hospital. Chicago, IL. September 2020.

**Kivlehan, E.** Applying to PM&R Residency: Roundtable with Program Directors. AAP/ISPRM 2020. Orlando, FL. March 2020.

**Leb, S**, Marciniak, C, Gaebler, D, Chen, L. Impact of Activity on Anthropomorphic Measure for Adults with Cerebral Palsy. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.

**Roy, I.** Cachexia Syndrome is Associated with the Functional Recovery of Cancer Patients in Inpatient Rehabilitation. AAP/ISPRM 2020. Orlando, FL. March 2020.

**Roy, I**, Jayabalan, P. Cancer Part 1: Implementing Exercise Programs Across the Cancer Rehabilitation Care Continuum. AAP/ISPRM 2020. Orlando, FL. March 2020.

**Roy, I,** Shahpar, S, Cheville, A, Smith, S, Zheng, J. Balancing Rehabilitation with Prognosis in Cancer Patients: An Evidenced-Based Review of When and How to Intervene. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.

#### **Fellow Future Practice**

#### Joseph Dadabo, MD

Attending Physician Northshore University Health System Skokie, IL

#### Dawn Deike, DO

Attending Physician Children's Hospital of Philadelphia Philadelphia, PA

#### Jason Edwards, DO

Medical Director, Brain Injury Medicine Program,
New York-Presbyterian Brooklyn Methodist Hospital
Assistant Professor of Clinical Rehabilitation
Medicine, Weill Cornell Medical College, Cornell
University
Assistant Professor of Rehabilitation and
Regenerative Medicine, Columbia University College
of Physicians and Surgeons

## New York, NY **Alexandria Haselhorst, DO**

Assistant Professor University of Texas Dell Medical School Austin, TX

#### Stephanie Hendrick, MD

Attending Physician, Spinal Cord Injury and Consultation Services Northwestern Medicine - Marianjoy Medical Group, Wheaton, IL

#### Min Yoo, MD, MS

Assistant Professor, Spine Physiatry Mayo Clinic, Department of Physical Medicine & Rehabilitation Phoenix, AZ

<sup>\* =</sup> denotes cancelled conferences

## **Poster Presentations**

**Altonji, K**, Mandato, M, Kim K. Rehabilitation Course after Spinal Cord Infarction due to Cervical Epidural Injection: A Case Report. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Altonji, K,** Bodine, A, Heinemann, A, Bahroos, N, Sliwa, J, Harvey, R. The Ability Quotient and Documentation of Recovery in Incomplete Locked-in Syndrome: A Case Report. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.

**Bhakta A, Roy I,** Roy V, Rydberg, L. Improving Resident Electrodiagnostics Learning Using a Bootcamp Approach: A Pilot Study. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Bhakta A, Roy I, Huang K**, Spangenberg J, Jayabalan P. Cancer Recurrence, Cachexia, Lower Creatinine and Reduced Performance on 6 Minute Walk Test Are Novel Factors Associated with Unplanned Transfers to Acute Care in Cancer Rehabilitation. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.

**Bhakta** A, Anschel, A. A Rare Case of Peripheral Bilateral Foot Drop Superimposed on a Cervical Spinal Cord Tumor. American Association of Neuromuscular & Electrodiagnostic Medicine. Austin, TX. October 2019.

**Branch D, Deike D**, Sisung C. Rare Diagnosis: Infantile Botulism After Karo (Corn) Syrup Ingestion. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Brander, K**, Ingraham, B, Ripley, D. Lost for Words: Carbidopa-Levodopa as a Therapeutic Adjunct for Speech Apraxia. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Brander, K**, Reger, C. A Rare Case of Limb Paresis From the Varicella Zoster Virus. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Choo, H**, Hwang, S. Acute Sacral Fracture from Recurrent Transient Osteoporosis of Pregnancy. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Cotton, R.** Combined Kinematic and Electromyographic Monitoring with Wearable EMG/IMUs Calibrated with Markerless Pose Estimation. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

**Cotton, R.** Monitoring of Joint Angle and Muscle Activity Using Wearable Sensors in a Home Environment. American Congress of Rehabilitation Medicine. Chicago, IL. November 2019.

**Cotton, R.** EMG-based Phone Cursor Control Using Deep Neural Networks. American Association of Neuromuscular and Electrodiagnostic Medicine. Austin, TX. October 2019.

## Class of 2020 Future Fellowships & Practices

#### Akash Bhakta, DO

Attending Physician, General Physiatry Huntington Hospital Pasadena, CA

#### Dana Branch, MD

Attending Physician Shirley Ryan AbilityLab/University of Chicago at Ingalls Chicago, IL

#### R. James Cotton, MD, PhD

Attending Physician, Shirley Ryan AbilityLab Assistant Professor, Northwestern University Department of PM&R Chicago, IL

#### Kevin Huang, DO

Sports Medicine Fellow Shirley Ryan AbilityLab/Northwestern University Feinberg School of Medicine Chicago, IL

#### **Emily Kivlehan**

Pediatric Rehabilitation Fellow Spaulding Rehabilitation Hospital/Harvard Medical School Boston, MA

#### Debbie Lee, MD

Pain Medicine Fellow University of Colorado Anschutz Medical Campus Aurora. CO

#### Joshua Martin, MD

Sports and Regenerative Medicine Fellow New Jersey Regenerative Institute Cedar Knolls, NJ

#### Marco Masci, MD

Attending Physician, General Physiatry Kaiser Permanente - Panorama City Los Angeles, CA

#### Melissa Osborn, MD

Pain Medicine Fellow University of Washington Seattle, WA

#### Deirdre Rodericks, MD

Sports Medicine Fellow Hospital for Special Surgery New York, NY

#### Melanie Stearns, MD

Medical Director, Neuromuscular Rehabilitation Attending Physician, Northwestern Medicine, Marianjoy Rehabilitation Hospital Wheaton, IL

#### Daniel Wei, MD

Attending Physician, General Physiatry AMITA Resurrection Chicago, IL

- **Cotton, R.** 2-dimensional cursor control via EMG from upper cervically-innervated muscles can be learned rapidly via deep learning driven game play. Society for Neuroscience. Chicago, IL. October 2019.
- **Deo, P,** Mhatre, P. Venous Thrombembolism (VTE) in Glioblastoma Multiforme (GBM) Patient in Setting of Duplicated Inferior Vena Cava. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Farr, E**, Rydberg, L. A Broken Heart: Safety of Inpatient Rehabilitation with an IVC Filter Embedded in the Heart. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.
- **Farr**, **E**, Franz, C. Take My Breath Away: Utilizing Diaphragmatic Ultrasound in Neurologic Disorders. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Fausett,** C, Sheng, A. Leg Pain After a Hand Cycling Accident. (Virtual Presentation). American College of Sports Medicine. May 2020.
- **Fausett, C,** Sisung, C. An MSK Diagnosis Masquerading As Upper Motor Neuron Syndrome. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- Haselhorst, A, Ihm, J. Pelvic Pain Ballet. (Virtual Presentation). American College of Sports Medicine. May 2020.
- **Haselhorst, A**, Reese, M. Right Arm Pain in a Flutist. (Virtual Presentation). American Medical Society of Sports Medicine. April 2020.
- **Hayes, M**, Kim, K. Traumatic Paraplegia and Blindness after Gunshot Injuries. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Hendrick**, **S**, Sankary, K, Lam, NY. Peripartum Management of a Patient with Paraplegia and Intrathecal Baclofen Pump: A Case Report. 2019 Educational Conference of the Academy of Spinal Cord Injury Professionals. Nashville, TN. September 2019.
- **Hendrick, S**, Osorio, M, Lewis, S, Tse, R. Diagnosing Early Shoulder Subluxation in Brachial Plexus Birth Palsy. American Congress of Rehabilitation Medicine Annual Conference. Chicago, IL. November 2019.
- **Huang, K**, Rho, M. Pseudotumor of the Lateral Hip after Hip Arthroplasty: A Case Report. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.
- **Huang, K**, McClary, Keegan, **Nussbaum, R, Malik, R, Patel, P, Stearns, M,** Srdanovic, N, Jayabalan, P. The Relationship Between Socioeconomic and Psychosocial Factors to Knee Pain in Individuals with Knee Osteoarthritis. (Virtual Presentation). American Medical Society for Sports Medicine. April 2020.
- **Kivlehan E**, Rojas A. Lymphedema praecox: a classic presentation of a forgotten diagnosis. ISPRM World Congress and Association of Academic Physiatrists. Orlando. FL. March 2020.
- **Kivlehan E, Deike, D,** Sisung C, Hou N, and Revivo G. Acute Flaccid Myelitis as a new cause of childhood disability: a case series of acute inpatient rehabilitation outcomes. AAPM&R Annual Assembly 2019, San Antonio, TX. November 2019.
- **Kivlehan E**, Gaebler-Spira D. Fat mass measurement by DEXA: How does it compare to anthropometric measures in adults with cerebral palsy. American Academy for Cerebral Palsy and Developmental Medicine and the IAACD/Anaheim, California. September 2019.
- **Kivlehan E**, Gaebler-Spira D, Krahl S, Tann B, Ankenman B. Rest assured: an innovative collaboration to provide sleep safety for children with neurodevelopmental disabilities. American Academy for Cerebral Palsy and Developmental Medicine and the IAACD/ Anaheim, California. September 2019.
- **Kivlehan, E,** Boswell, L, De Regnier, R, Gaebler, D. Cerebral Palsy Diagnosis in the Neonatal Intensive Care Unit: Improving Transitions from the nursery to home. Implementation of Early Detection and Intervention for Cerebral Palsy Conference 2020 (Conference rescheduled to 2021). Columbus, OH.
- **Lee, D**, Walega, D. Successful Cervical Facet Procedures in a Patient with Quebec Platelet Disorder and Extensive Post-Procedure Bleeding History. SIS 2019 Annual Meeting. New York, NY. August 2019.

- **Lee, D,** Hurh, P. Development of Immune Reconstitution Inflammatory Syndrome from Progressive Multifocal Leukoencephalopathy During Acute Inpatient Rehabilitation: A Case Report. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Lu, M.**, Huang, M. Prone to healing: use of prone carts in patients with posterior burns. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- Malik, G, Marquez, E, Hulon, E, Vidakovic, L. A Spinal Arteriovenous Malformation in a Transgender Patient Receiving Exogenous Hormone Therapy. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- Malik, G, Rydberg, L. Post-Partum Cardiomyopathy Requiring Left Ventricular Assist Device Placement; Implications for Rehabilitation. ACRM Annual Meeting. Chicago, IL. November 2019.
- Malik, G, Chu, S. Leg Bump Soccer (Virtual Presentation). American College of Sports Medicine. May 2020.
- **Marquez, E**, Vidakovic, L. The Clue of the Hot Cross Bun: A Case Report. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- Marquez, E., Roy, I, Bhakta, A, Huang, K, Jayabalan, P. Debunking the Futility Myth: Functional Gains in Cancer Inpatient Rehab Following Multiple Prior Surgical Tumor Resections. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- Marquez, E, Vidakovic, L. Diligent Monitoring of Function Leads to Diagnosis of Castleman Disease: A Case Report ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Nalla, S**, Huang, K, Spangenberg, J, Jayabalan, P. The Demographic and Disability Characteristics of Individuals Who Regularly Attend and Urban Adaptive Fitness Center: An Observational Study. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020. \*\*Selected as one of the "Top Posters"
- **Nalla, S,** Driver, S. A Rare Case of Late Onset Amantadine Induced Acute Psychosis: A Case Report. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Nalla, S,** Spill, G. A Rare Case of Progressive Weakness Following Stem Cell Transplantation: A Case Report. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Nussbaum, R**, Jayabalan, P. Shoulder Pain Wheelchair Basketball (Virtual Presentation). American College of Sports Medicine Annual Meeting. May 2020.
- **Nussbaum, R**; Hassaballa, D. Benefits of Inpatient Rehabilitation for Patient with Rare Case of Neuroinvasive West Nile Virus and History of Liver Transplant. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Nussbaum, R,** Dicianno, B, Parmanto, B, Quinby, E. Systematic Review of Mobile Health Applications in Rehabilitation. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Nussbaum, R**, Santa Barbara, M, Spangenberg, J, Jayabalan, P. The Use of Objective Ultrasound Metrics to Assess Shoulder Health in Elite Sled Hockey Players: A Pilot Study. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Nussbaum, R,** Rydberg, L. Benefits of a Continuum of Rehabilitation for a Young Adult with Lennox-Gastaut Syndrome and the Essential Components of the Treatment Plan. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Osborn, M**, Vidakovic, L. Resolution of Chronic Bruxism After Discontinuation of Fluoxetine in Patient with Remote Strokes: A Case Report. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.

- **Osborn, M,** Donnelly, E. Prevalence and Relation to Tumor characteristics of Reported Pain at Initial Contact with Radiation Oncology for Definitive Curative Management of Cervical Cancer Patients. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.\*\*Selected as one of the top abstracts!
- **Ozment, K,** Hassaballa, D, Mohamoud, A. Physiatric Management of a Severe Form of Autonomic Dysfunction in Parkinson's Disease: Creating the Parkinson's Toolbox. AAP/ISPRM 2020. Orlando, FL. March 2020.
- **Patel, P,** Reger, C. A New Heart, a New Leg: Prosthetic Training for an Individual Following an Orthotopic Heart Transplant: A Case Report. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Patel, P,** Butler, C, Bifro, J, Sliwa, J. A Multidisciplinary Quality Improvement Project to Reduce Inaccurate Tacrolimus Levels Leading to Delays in Medical Management. AAP/ISPRM 2020. Orlando, FL. March 2020.
- **Rodericks**, **D**, Blatz, D. Sideline and Event Coverage: Assessing Confidence and Knowledge in Physical Medicine and Rehabilitation Trainees. AAP/ISPRM 2020. Orlando, FL. March 2020.
- **Roy, I, Huang, K,** Spangenberg, J, **Bhakta, A,** Jayabalan, P. Infection, Hematologic Cancer, and Cancer Recurrence Increase Odds of Developing Cachexia Prior to Acute Inpatient Cancer Rehabilitation. AAPM&R Annual Assembly 2019. San Antonio, TX. November 2019.
- **Stearns, M,** Black, L, Sisung, C. Traumatic or Nontraumatic Spinal Cord Injury? Spinal Epidural Hematoma in an Adolescent Figure Skater: A Case Report. AAP/ISPRM 2020. Orlando, FL. March 2020.
- **Yorks**, **D**, Ankohli, A, Gleveckas-Martens, N. A Rare Case: Reversible Acute Axonal Polyneuropathy in the Setting of Recent Heavy Alcohol Use and Wernicke-Korsakoff Syndrome. ISPRM World Congress and Association of Academic Physiatrists. Orlando, FL. March 2020.
- **Yorks, D,** Rho, M. Posterior Thigh Injury Tennis (Virtual Presentation). American College of Sports Medicine Annual Meeting. May 2020.
- **Yoo, M**, Aboumerhi, Nagpal, G. Atypical Knee Pain Secondary to Arachnoiditis. American Academy of Pain Medicine Annual Meeting. January 2020. National Harbor, MD.

## Peer-Reviewed Publications

- Bergman, R, **Huang, K**, George, A, Maas, M, Welty, L, Jayabalan, P. The Relationship Between Socioeconomic Status and Outcomes of Lumbar Epidural Steroid Injections. *Pain*. May 2020 (Submitted).
- Blessing, C, Walker, EY, Quinn, KR, Cotton, RJ, Ma, WJ, Tolias, AS, Nienborg, H, Sinz, FH. Neural Likelihood. Proceedings of Conference on Cognitive Computational Neuroscience. 2019.
- Cadwell, C, Scala, F, Fahey, P, Kobak, D, Shalaka, M, Sinz, F, Papadopoulos, S, Tan, Z, Johnsson, P, Hartmanis, L, Li, S, **Cotton, RJ**, Tolias, K, Sandberg, R, Berens, P, Xiaolong, Tolias, AS. Cell type composition and circuit organization of clonally related excitatory neurons in the juvenile mouse neocortex. *eLife*. 2020.
- **Cotton, RJ.** Smartphone Control for People with Tetraplegia by Decoding Wearable Electromyography with an On-Device Convolutional Neural Network. 8<sup>th</sup> IEEE RAS/EMBS International Conference on Biomedical Robotics and Biomechatronics. 2020. In Press.
- **Cotton, RJ.** Kinematic Tracking of Rehabilitation Patients with Markerless Pose Estimation Fused with Wearable Inertial Sensors. IEEE 15<sup>th</sup> International Conference on Automatic Face & Gesture Recognition. 2020. In Press.
- **Cotton, RJ,** Rogers, J. Wearable Monitoring of Joint Angle and Muscle Activity. IEEE 16<sup>th</sup> International Conference on Rehabilitation Robotics. 2019.
- Hanaoaka, C, **Fausett, C**, Jayabalan, P. Nonsurgical Management of Cartilage Defects of the Knee Who, When, Why and How?. Journal of Knee Surgery. April 2020 (Submitted).
- **Hayes, M**, Brown, S, Mulcahey, M. Women's Sports Medicine Programs in the United States: An Interdisciplinary Approach to the Care of Girls and Women. The Physician and Sportsmedicine. June 2019.

**Lee, D**, Walega, D. Management of Quebec Platelet Disorder for Cervical Facet Injection Procedures: A Comprehensive Approach to Maximizing Patient Safety in the Pain Clinic Setting. A&A Practice, 14.6: e01187, 2020. PMID: 322245694.

**Dreyer, S**, Goh, C. Lichen Planopilaris in a Patient Treated with Bexarotene for Lymphomatoid Papulosis. 2020. Accepted for publication in Cutis.

**Dreyer, S.**, Torres, J, Stoddard, M, Leavitt, E, Sutton, A, Aleshin, M, Crew, A, Worswick, S. The Efficacy of Etanercept in the Treatment of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis; An Observational Study. 2019. Accepted for publication in Cutis.

**Huang, K**, McClary K, **Nussbaum R, Malik, GR, Patel, P, Stearns,** M, Srdanovic, N, Vassa, R, Deshmukh, S, Jayabalan, P. Socioeconomic and Marital Status Are Associated with Severity of Knee Pain in Individuals with Knee Osteoarthritis. PM&R Journal. May 2020 (Submitted).

Marciniak, C, **Altonji, K, Woo, L,** Mhatre, P, Kermen, R. Idiopathic Parkinson Disease: Part Two. PM&R Knowledge. 2020 (Submitted).

Farr, E, Franz, C. Parsonage Turner Syndrome with Phrenic Neuropathy. Accepted to Sleep Medicine Clinics. 2020.

**Osborn, M**, Mukherjee, D. Ethical Considerations for mitigating physician bias in the treatment of chronic non-malignant pain. Pain Medicine. May 2020 (Submitted).

Stang, K, Frainey, B, Tann, B, Ehrlich-Jones, L, **Deike**, **D**, Gaebler-Spira, D. Understanding Children with Cerebral Palsy and Bullying: A Mixed Methods Approach. Child Care Dev. 2020; 46:303-309.

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

## **Book Chapters**

**Haselhorst, A**, Rho, M. Musculoskeletal Issues and Care Specific to the Female Athlete. Current Physical Medicine and Rehabilitation. Springer.

**Huang, K**, Jayabalan, P, Chatterjee, R. SBAs in Sport, Exercise and Musculoskeletal Medicine. Oxford University Press. 2019. Accepted for publication.

## Awards/Honors

- × Almost FAME-ous: Feinberg Academy of Medical Educators Inductee Emily Kivlehan
- American Congress of Rehabilitation Medicine Annual Conference 2019 Pediatric Rehabilitation Networking Group Poster Award – Stephanie Hendrick
- \* AANEM 2019 President's Research Initiative Award R. James Cotton
- × Craig H. Neilsen Foundation Research Grant R. James Cotton, Alexandria Haselhorst
- \* McGaw Medical Education Clinical Scholars Program: Kathryn Altonji, Akash Bhakta\*, Ellen Farr, Kevin Huang\*, Emily Kivlehan\*, Debbie Lee\*, Ryan Nussbaum, Punit Patel (\*Certificate to be completed June 2020)
- \* McGaw Global Health Clinical Scholars Program: G. Ross Malik
- \* McGaw Health Equity and Advocacy Program: Sindhoori Nalla
- \* McGaw Bioethics Clinical Scholars Program: Emily Marquez

- Exemplary Professionalism Nominee, Northwestern Feinberg School of Medicine Kathryn Altonji, Cameron Fausett, Emily Marquez, Ryan Nussbaum
- \* Research Accelerator Program Quality Grant Recipient Jason Edwards
- ≈ Research Grant from American Neurologic Foundation 2020-2021 R. James Cotton
- SRAlab Patient Safety & Quality Fest, Honorable Mention Award Punit Patel, Ryan Nussbaum

## **Positions**

- \* Resident Coordinators for MSK CommunityHealth Clinic Cameron Fausett, Kevin Huang, Ryan Nussbaum.
  - \* Rising PGY3 Coordinator for 2020-2021 year: Michael Lu
- × AAP Resident and Fellow Council, AAMC Representative Debbie Lee
- × AAP Resident and Fellow Council, Fellow Representative 2019-2020 Jason Edwards
- \* AAP Resident and Fellow Council, Fellow Representative 2020-2021 Deirdre Rodericks
- × AAP Resident and Fellow Council, Medical Student Affairs Representative Emily Kivlehan
- × AAP Resident and Fellow Council, Well-Being and Education Committee Representative Dayna Yorks
- × AAP Resident and Fellow Council, Well-Being Subcommittee Representative Melissa Osborn
- × ACGME Sports Medicine Milestone Committee Deirdre Rodericks
- ACGME Physical Medicine and Rehabilitation Residency Review Committee Resident Representative Emily Kivlehan
- × ACGME Council of Review Committee Residents Physical Medicine and Rehabilitation Representative Emily Kivlehan
- × AAMC Organization of Representatives, Administrative Board Member Debbie Lee
- \* AAMC GRA and ORR Joint Spring Meeting 2020 Planning Committee and Submission Reviewer Debbie Lee
- \* AAPM&R Critical Review Initiative Committee Ryan Nussbaum
- \* AAPM&R PHiT Ambassador, 2019-2020 Prabhav Deo
- × Northwestern McGaw Housestaff Association, Wellness Committee Vice President Melissa Osborn
- × Northwestern McGaw Housestaff Association, PM&R Representative Ellen Farr
- \* Physical Medicine and Rehabilitation Residency Review Committee, Resident Representative Emily Kivlehan
- × Physical Medicine and Rehabilitation Council of Review Committee Residents Emily Kivlehan
- Physical Medicine & Rehabilitation Medical Education Track Kathryn Altonji, Akash Bhakta, Kelly Brander, Dana Branch, Dawn Deike, Sean Dreyer, Ellen Farr, Alexandria Haselhorst, Meghan Hayes, Stephanie Hendrick, Kevin Huang, Emily Kivlehan, G. Ross Malik, Stephen Leb, Debbie Lee, Kevin Ozment, Melanie Stearns, Joshua Martin, Marco Masci, Ryan Nussbaum, Melissa Osborn, Punit Patel, Deirdre Rodericks, Ishan Roy, Daniel Wei
- × AAP RFC Resident-Medical Student Mentorship Program Dana Branch, Kevin Huang
- × AOCPMR Medical Student Mentorship Program, Residency Program Representative Ryan Nussbaum

## Rehab in Review Contributors

- \* Kathryn Altonji, Akash Bhakta, James Cotton, Ellen Farr, Kevin Huang, Emily Kivlehan, Debbie Lee, Stephen Leb, Ryan Nussbaum, Punit Patel, Laura Pilgram, Ishan Roy
- × Coordinators for 2019-2020: James Cotton, Ishan Roy
- × Coordinators for 2020-2021: Stephen Leb, Kelly Brander



Northwestern University Feinberg School of Medicine

