

Office Address

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**Demographic information**

Date of birth: March 25, 1987

Place of birth: Alabama, United States

**Education**

- College: Auburn University, Auburn, AL; Degree: Bachelor of Science, Biomedical Sciences, Minor in Psychology, August 2005 – May 2009
- Medical School: University of South Alabama College of Medicine, Mobile, AL; Degree: Doctor of Medicine, August 2009 – May 2013

**Post-Graduate Training**

- Internal Medicine Resident, Preliminary Year, Carolinas Medical Center, Department of Internal Medicine, Charlotte, NC, July 2013 - June 2014
- PM&R Residency, Carolinas Rehabilitation/Carolinas Medical Center, Department of Physical Medicine and Rehabilitation, Charlotte, NC, July 2014 - June 2017
- Pediatric Rehabilitation Medicine Fellowship, Emory University/Children's Healthcare of Atlanta, Atlanta, GA, July 2017 - June 2019

**Licensure and Certification**

- Tennessee Medical License 66357, expires March 31, 2025
- Kentucky Medical License 53081, expires February 28, 2024
- American Board of Physical Medicine and Rehabilitation, certification in Physical Medicine and Rehabilitation, expires December 31, 2028
- American Board of Physical Medicine and Rehabilitation, certification in Pediatric Rehabilitation Medicine, expires December 31, 2029
- American Board of Physical Medicine and Rehabilitation, certification in Brain Injury Medicine, expires December 31, 2029

**Academic Appointments**

- Assistant Professor, Department of Neurological Surgery, Division of Physical Medicine and Rehabilitation, University of Louisville, Louisville, KY, October 1, 2019 - June 30, 2022
- Assistant Professor, Department of Pediatrics, University of Louisville, Louisville, KY, July 1, 2022 – October 8, 2022
- Assistant Professor, Department of Physical Medicine and Rehabilitation, Vanderbilt University, Nashville, TN, December 1, 2022 – present
- Assistant professor, gratis appointment, Department of Pediatrics, University of Louisville, Louisville, KY, November 1, 2022 – present

## **Hospital Appointments**

- Frazier Rehabilitation Institute, Pediatric Rehabilitation Medicine, October 1, 2019 – October 8, 2022
- Norton Children’s Hospital, Pediatric Rehabilitation Medicine, October 1, 2019 - October 8, 2022
- University of Louisville Hospital, Pediatric Rehabilitation Medicine, October 1, 2019 - October 8, 2022
- Monroe Carell, Jr, Children’s Hospital at Vanderbilt, Pediatric Rehabilitation Medicine, December 1, 2022 - present

## **Employment**

- University of Louisville Physicians, pediatric physiatrist, October 1, 2019 - February 28, 2020
- Norton Children’s Medical Group, pediatric physiatrist, March 1, 2020 – October 8, 2022
- Vanderbilt University Medical Center, pediatric physiatrist, December 1, 2022 – present

## **Leadership and Administrative Positions:**

- Director of Inpatient Consult Services, Pediatric Physical Medicine and Rehabilitation, Vanderbilt University Medical Center, December 1, 2022 – present

## **Professional Organizations**

- American Medical Student Association, 2010 - 2011
  - Executive Committee
- Association of Academic Physiatrists, 2014 - present
- American Academy of Physical Medicine and Rehabilitation, 2014 - present
- American Academy of Cerebral Palsy and Developmental Medicine, 2015 – present
- American Association of Neuromuscular and Electrodiagnostic Medicine, 2017-Present
  - Member, Neuromuscular Pediatric Physicians Committee, August 2023 - present

## **Professional Activities**

- *Review of Systems* yearbook, University of South Alabama College of Medicine, staff member, 2009 to 2012, Editor-in-Chief 2012-2013
- Community service chair for the class of 2013, University of South Alabama College of Medicine, 2009 - 2013
- Medical Housestaff Liaison Committee, representative for Physical Medicine and Rehabilitation, Carolinas Medical Center, 2015 - 2016
- Chief Quality Resident, Physical Medicine and Rehabilitation Residency, Carolinas Rehabilitation, 2015-2016
- Co-director, Special Olympics MedFest, Carolinas Rehabilitation – Mount Holly, spring 2016
- Member, Credentials Committee, Carolinas Medical Center, 2016 to 2017
- Medical Director, Special Olympics MedFest, Charlotte, NC, fall 2017
- Member, Bioethics Committee, Children’s Healthcare of Atlanta, 2018 - 2019
- Member, Division of PM&R Research Task Force, University of Louisville, 2020 - 2021
- Member, Bioethics Committee, Norton Children’s Hospital, 2020 - 2022

- Chair, Physical Medicine and Rehabilitation Residency Clinical Competency Committee, 2020 - 2022
- Leadership & Innovation in Academics Matter, University of Louisville, July 2021 - July 2022
- Vanderbilt Program in Interprofessional Learning, Clinical Preceptor, start September 2023

### **Teaching Activities**

- Lecturer, "Growing Pains: Challenges for Patients and Providers Transitioning from Pediatric to Adult Care in Those with Childhood-Onset Disability," Carolinas Rehabilitation Department of Physical Medicine and Rehabilitation Grand Rounds, December 9, 2016
- Lecturer, "Quality in Healthcare," Carolinas Rehabilitation Department of Physical Medicine and Rehabilitation Grand Rounds, April 22, 2016
- Guest Lecturer, "Post-TBI Management in Acute Care," Atlanta Medical Center Trauma Team Meeting, June 4, 2018
- Guest Lecturer, "Alphabet Soup" Neuroimmunologic disease in Pediatric PM&R," Pediatric Rehabilitation rounds, Memorial Health at Dwaine and Cynthia Willett Children's Hospital of Savannah, May 16, 2019
- Lecturer, "Spina Bifida," Emory PM&R Resident Didactics, June 2019
- Lecturer, "Traumatic Brain Injury in Pediatrics," Emory PM&R Resident Didactics, June 2019
- Organizer and Physician Representative, Pediatric PM&R Round table, literature review and discussion among physicians, therapists, and nursing of the pediatric inpatient rehabilitation unit, Children's Healthcare of Atlanta, conducted quarterly from fall 2017 – spring 2019
- Invited Lecturer, "Rehabilitation Principles in Spasticity and Weakness." Presented at the 18th Annual Pediatric Neurology Update, Norton Children's Neuroscience Institute, August 7, 2020.
- Invited Speaker, "Multidisciplinary Care of Pediatric Neuromuscular Disorders," Panel presentation at the 19<sup>th</sup> Annual Pediatric Neurology Update, Norton Children's Neuroscience Institute, August 6, 2021.
- Lecturer, "Childhood-Onset Neuromuscular Diseases," University of Louisville PM&R resident didactic lecture, given yearly, 2020 – 2022
- Lecturer, "Pediatric Limb Differences," University of Louisville PM&R resident didactic lecture, given yearly, 2020 – 2022

### **Clinical Teaching:**

- University of Louisville Division of PM&R: Resident teaching and supervision, inpatient pediatric rehabilitation service, three months per academic year, 2019 to 2022, University of Louisville Division of PM&R
- University of Louisville Division of PM&R: Resident teaching and supervision, outpatient clinics and procedures, three months per academic year, 2019 to 2022
- Vanderbilt University Department of PM&R: Resident teaching and supervision, pediatric rehabilitation medicine rotation, 2022 to present

### **Publications and Presentations:**

- **Articles**

- Niemeier J, Perrin P, Hurst B, Foureau D, Huynh, T, Evans S, Silverman J, **McClanahan M**, Bruschi B, Newman M, Mougeout J, and Wagner A. A Repeated Measures Pilot Comparison of Trajectories of Fluctuating Endogenous Hormones in Young Women with Traumatic Brain Injury, Healthy Controls. *Behavioral Neurology*. 2019;2019:1-13.
- Vova JA, Palma P, **McClanahan E**. Dual diagnosis: the prevalence of brain injury and spinal cord injury in the pediatric population and its impact on length of stay. *Int Phys Med Rehab J*. 2020;5(1):30-37. DOI: [10.15406/ipmrj.2020.05.00225](https://doi.org/10.15406/ipmrj.2020.05.00225)
- Thomas SP, Hardesty CK, Buxton KA, Collins AB, Pruenje J, Pham K, Sheriko J, **McClanahan ME**, Inanoglu D, Srinivasan R, Ridnour L, Cooper R, Khurana S, & Network T (2020). Pediatric intrathecal baclofen management during the COVID-19 pandemic in the US and Canada. *Journal of pediatric rehabilitation medicine*, 13(3), 379–384. <https://doi.org/10.3233/PRM-200755>

- **Presentations at Scientific Meetings**

- **McClanahan ME**, Silverman J, Bruschi B, Gilbert J, Niemeier J, Hurst B, Foureau D, Gibbs M. Effects of Endogenous Reproductive Hormone Fluctuations in TBI Short-Term Recovery. Oral Presentation at Association of Academic Physiatrists Annual Meeting, February 20, 2016, Sacramento, CA.
- Chambers L, Jacobs G, **McClanahan ME**, Tsai TJ. If At First You Don't Succeed, Try, Try Again: Initial Non-response to Zolpidem Followed by Paradoxical Arousal After Repeated Doses in a Pediatric Patient with Traumatic Brain Injury. Poster presentation at Association of Academic Physiatrists Annual Meeting, February 2016; Sacramento, CA.
- **McClanahan ME** and Tsai TJ. Bobble Head Doll Syndrome in an Adolescent Patient with Non-Traumatic Brain Injury: A Case Report. Poster presentation at Association of Academic Physiatrists Annual Meeting, February 2016; Sacramento, CA.
- **McClanahan E**, Pelzek, D, Dobrasz, G, Sawyer, K, Stacy T, Baggett, A, Frias, P, Fortenberry, J, Verma, S. Nusinersen (Spinraza™) program and outcome measures: a single center experience. Poster presentation at MDA Clinical Conference, March 13, 2018, Arlington, VA.
- **McClanahan E** and Verma S. Childhood-onset Hereditary Spastic Paraplegia. Poster presentation at AANEM Annual Meeting, October 11, 2018, Washington, DC.
  - AANEM Residency and Fellowship Abstract Award
- Zagustin T and **McClanahan E**. Intra-articular hip joint injections in children with chronic painful dislocated hips with phenol 5% or ethanol 50%; a retrospective study. Poster presentation at Association of Academic Physiatrists Annual Meeting, February 2019, San Juan, PR
- **McClanahan E** and Zagustin T. Combined toxin and phenol/ethanol neurolysis in children: a retrospective study. Poster presentation at Association of Academic Physiatrists Annual Meeting, February 2019, San Juan, PR
- Logan R, Luke, R, **McClanahan E**, and Verma S. Characterization of Genetic Neuropathy in Childhood: A Single Center Experience. Poster presentation at AAN Annual Meeting, May 7, 2019, Philadelphia, PA

- Bickel S, Harris C, Huxol H, **McClanahan E**, and Morton R. Increased Respiratory Care Utilization during the COVID-19 Pandemic at a Pediatric Long-Term Care Facility. Presented at CHEST 2021, September 20, 2021.
- Davis E, Eldairi, A, **McClanahan, ME**, and Morton R. Successful Use of Strategic Questioning in the Dental Outpatient Clinic. Presented at Research!Louisville, September 22, 2022
  - 2<sup>nd</sup> place finalist for Ruth Greenberg Award for Excellence in Medical Education Research
- **Other reviewed publications**
  - **McClanahan ME**, Green S, & Fechtel B. Adult and Adolescent Onset Muscular Dystrophies Part 2: Rehabilitation Management and Treatments. PM&R KnowledgeNOW. American Academy of Physical Medicine and Rehabilitation. January 5, 2021.
  - **McClanahan ME** & Strader S. Transition to Adulthood for Persons with Childhood Onset Disabilities. PM&R KnowledgeNOW. American Academy of Physical Medicine and Rehabilitation. September 23, 2021.
- **Other presentations**
  - A Multidisciplinary Effort to Improve Utilization of Resources for Patients with Morbid Obesity in the Primary Care Clinic. Victoria Hudspeth, MD, Stephen Chow, DO, Charles Darragh, MD, Julie Decoster, MD, Josh Eichenberger, MD, **Mary Elise McClanahan MD**, Alexander Page, MD, Madeline Petty, MD, H. James Norton, PhD, May 2014