

Ryan Hodgeman DO

Education

Medical College of Georgia at Augusta University

Ultrasound Fellowship Program (*taken in conjunction with residency*)
Board Certification in Advanced Emergency Medicine Ultrasonography
Augusta, GA

Expected Graduation: June 2024

Medical College of Georgia at Augusta University

Emergency Medicine Residency Program
Board Certification in Emergency Medicine
Augusta, GA

Expected Graduation: June 2024

Michigan State University College of Osteopathic Medicine

Class Vice President
Doctor of Osteopathic Medicine
East Lansing, MI

Graduation: May 2021

Northeastern University

BS in Biomedical Physics w/ Minor in Chemistry
Cum Laude
Boston, MA

Graduation: May 2010

Professional Licensure

Residency Training Permit - June 2021

State of Georgia

Military Service

Officer: Captain
United States Army

Commissioned June 2021

Officer: Second Lieutenant
United States Army

Commissioned June 2017

Extra-curricular

Awards:

United States Army F. Edward Hebert Armed Forces Health Professions Scholarship
Dean's Scholarship Northeastern University
2021 GSACEP Resident Scholarship

Current Leadership Positions:

Chair – Government Services Emergency Medicine Residents' Association Committee (EMRA) (2022-Present)
Member – General Medical Education Council Research Subcommittee at Augusta University (2021-Present)
Member – Soaring International Education and Training Committee (2022-Present)

Prior Leadership Positions:

Chair-Elect – Government Services Emergency Medicine Residents' Association Committee (2021-2022)
Vice President – MSUCOM Class of 2021 (2017-2021)
Senior Class Founding Member – MSUCOM Student Liaison Board for Accreditation (2021)
National Army Assistant Vice Chair – Emergency Medicine Residents' Association (EMRA) (2020-2021)
Training Advisory Committee – Consortium of Universities for Global Health (2019-2021)
-Internal Research Committee Lead – (2020-2021)
National Army Medical Student Representative – Government Services Emergency Medicine Residents' Association Committee (2019-2020)

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President – International Osteopathic Medical Organization (MSUCOM 2017-2019)

Treasurer – Student Association of Military Osteopathic Physicians and Surgeons (MSUCOM 2017-2019)

Vice President - Society of Physics Students Northeastern Chapter (2008-2010)

Active Memberships:

Emergency Medicine Residents' Association (2019-Present)

American College of Emergency Physicians (2019-Present)

Consortium of Universities for Global Health – CUGH (2018-Present)

MSF Student Interest Group (2018-Present)

American Osteopathic Association (2017-Present)

DOCARE International (2017-Present)

AMSUS, The Society of Federal Health Professionals (2017-Present)

Work Experience

Institute for Global Health of MSU East Lansing, MI

July 2018-June 2021

Web design/Project development

Michigan State University College of Osteopathic Medicine East Lansing, MI

June 2018-June 2019

Anatomy tutor for first year medical students

Boston Children's Hospital Boston, MA

November 2014-May 2017

Clinical Research Coordinator for Division of Epilepsy

Botswana Harvard Partnership Gaborone, Botswana

October 2013-August 2014

Clinical Research Manager for Oncology

Dana Farber Cancer Institute Boston, MA

November 2010-October 2013

Senior Clinical Research Coordinator for Division of Breast Oncology

Beth Israel Deaconess Medical Center Boston, MA

October 2007-2010

Research Assistant Department of Psychology

Beth Israel Deaconess Medical Center Boston, MA

October 2007-2010

Research Assistant/Lab Tech. for Sleep Deprivation Laboratory

Beth Israel Deaconess Medical Center Boston, MA

July 2007-June 2008

Research Manager for Integrative Cerebral Hemodynamics Lab, Department of Gerontology

Joslin Diabetes Center Boston, MA

August - December 2007

Research Assistant

Publications

Peer-Reviewed Publications

- Goldenholz DM, Rakesh K, Kapur K, Gaínza-Lein M, **Hodgeman RM**, Moss R, Theodore WH, Loddenkemper T. *Different as night and day: Patterns of isolated seizures, clusters, and status epilepticus*. *Epilepsia* 2018 May;59(5): e73-e77.
- Jafarpour S, **Hodgeman RM**, De Marchi Capeletto C, de Lima MTA, Kapur K, Tasker RC, Loddenkemper T. *New-Onset Status Epilepticus in Pediatric Patients: Causes, Characteristics, and Outcomes*. *Pediatric Neurology* 2018 Mar; 80:61-69.
- Koenig MK, **Hodgeman RM**, Riviello JJ, Chung W, Bain J, Chiriboga CA, Ichikawa K, Osaka H, Tsuji M, Gibson KM, Bonnen PE, Pearl PL. *Phenotype of GABA-transaminase deficiency* *Neurology* May 2017, 88 (20) 1919-1924.
- Attri AV, Singhi P, Wiwattanadittakul N, Goswami JN, Sankhyan N, Salomons GS, Roullett JB, **Hodgeman RM**, Parviz M, Gibson KM, Pearl PL. *Incidence and Geographic Distribution of Succinic Semialdehyde Dehydrogenase (SSADH) Deficiency*. *JIMD Reports* Nov 2016, 34:111-115.

- Patel AA, Ciccone O, Njau A, Shanungu S, Grollnek AK, Fredrick F, **Hodgeman RM**, Sideridis GD, Kapur K, Harini C, Kija E, Peters JMA *pediatric epilepsy diagnostic tool for use in resource-limited settings: A pilot study*. *Epilepsy & Behavior*. Jun 2016, 59:57-61.
- Brown CA, Suneja G, Tapela N, Mapes A, Pusoentsi M, Mmalane M, **Hodgeman RM**, Boyer M, Musimar Z, Ramogola-Masire D, Grover S, Nsingo-Bvochora M, Kayembe M, Efstathiou J, Lockman S, Dryden-Peterson S. *Predictors of Timely Access of Oncology Services and Advanced-Stage Cancer in an HIV-Endemic Setting*. *Oncologist* Jun 2016, 21(6):731-738.
- **Hodgeman RM**, Kapur K, Paris A, Marti C, Can A, Kimia A, Loddenkemper T, Bergin A, Poduri A, Libenson M, Lamb N, Jafarpour S, Harini C. *Effectiveness of once-daily high-dose ACTH for infantile spasms*. *Epilepsy & Behavior*. Jun 2016, 59:4-8.
- Lin R, **Hodgeman RM**, Zhou F. *Weekly docetaxel in an elderly patient with refractory classic Kaposi Sarcoma*. *Dermatologica Sinica*. Oct 2015, 34:108-109.
Efstathiou J, Bvochora-Nsingo M, Gierga DP, Kayembe MKA, Mmalane M, Russell AH, Paly JJ, Brown C, Musimar Z, Abramson JS, Bruce KA, Karumekayi T, Clayman RH, **Hodgeman RM**, Kasese J, Makufa Ri, Bigger E, Suneja G, Busse PM, Rand TC, Chabner BA, Dryden-Peterson S. *Addressing the Growing Cancer Burden in the Wake of the AIDS Epidemic in Botswana: the BOTSOGO Collaborative Partnership*. *International Journal of Radiation Oncology, Biology, and Physics*. Jul 2014, 89(3):468-475.
- Deegan BM, Geraghty MC, **Hodgeman RM**, Reisner A, O’Laughin G, Serrador JM. *Assessment of techniques used to evaluate the effect of Posture and Cardiac Output on Cerebral Autoregulation*, Institute of Electrical and Electronics Engineers Aug 2008, 1992-1995.

Print or Other Media Publications

- **Hodgeman RM**, Sturlis M. (2021, Apr 9). Navigating the Military Match through COVID: A Perspective from Army Medical Students Vying for a Spot as an Emergency Medicine Resident in the Midst of a Global Pandemic. *EM Resident*. Vol 48(2), pg 46-47.
- Pearl PL, Parviz M, **Hodgeman RM**, Gibson KM. *GABA-transaminase deficiency*. In: Greenamyre JT, editor-in-chief. *MedLink Neurology*. San Diego: MedLink Corporation. Available at www.medlink.com. Last updated: May 3, 2015.

Conference Presentations and Posters

- **Hodgeman RM**, Auguste P. *Student and Trainee Global Health Interests and Barriers Study: Preliminary Results*. Consortium of Universities for Global Health 13th Annual Global Health Conference Satellite Sessions: Education Committee March 6, 2021.
- Sadigh KS, **Hodgeman RM**, Tapela N, Nkele I, Bvochora-Nsingo M, Chiyapo S, Ralefala TB, Efstathiou JA, John O, Motswetla G, Grover S, Younger J, Mmalane MO, Lockman S, Dryden-Peterson S. *HIV is associated with decreased breast cancer survival: A prospective cohort study*. Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, Washington March 4-7, 2019.
- **Hodgeman RM**, *Haiti: Building a Partnership*. Center for Latin American and Caribbean Studies Graduate Student Conference, East Lansing, MI February 22, 2019.
- **Hodgeman RM**, Cenzer C, MacMillan KE, Shahed A, Cunningham W, Malouin R. *Epidemiological Profile of a Rural Primary Clinic in Northern Haiti*. Council of Graduate Students Graduate Academic Conference, East Lansing, MI February 16, 2019.
- DiBacco M, **Hodgeman RM**, Sansevere A. *Early Predictors of Electrographic Seizures in the Pediatric Intensive Care Unit*. 72nd Annual meeting of the American Epilepsy Society, New Orleans, LA December 6-10 2018.
- **Hodgeman RM**, Nagarajan E, Kimia A, Kapur K, Bergin A, Loddenkemper T, Harini C. *Does Abnormal EEG Predict MRI Abnormalities in Patients with Complex Febrile Seizures*. 45th Child Neurology Society Annual Meeting Vancouver, BC, Canada October 26-29, 2016.
- **Hodgeman RM**, Koenig MK, Bonnen PE, Riviello J, Chung WK, Bain J, Chiriboga CA, Gibson KM, Pearl PL. *Phenotypic Spectrum of GABA-Transaminase Deficiency: A Rare Early Onset Epileptic Encephalopathy*

and Movement Disorder. 45th Child Neurology Society Annual Meeting Vancouver, BC, Canada October 26-29, 2016.

- Goldenholz D, Kapur K, Gainza-Lein M, **Hodgeman RM**, Moss R, Theodore W, Loddenkemper T. *Diurnal Variation in Seizure Patterns Seen in Big Data*. 68th Annual meeting of the American Academy of Neurology in Vancouver, BC, Canada April 15-21, 2016.
- **Hodgeman RM**, Paris A, Marti C, Can A, Loddenkemper T, Bergin AM, Poduri A, Lamb N, Jafarpour S, Harini C. *Effectiveness of Once Daily Dosing of High Dose ACTH for Infantile Spasms*. 69th Annual meeting of the American Epilepsy Society, Philadelphia, PA Dec 4-8, 2015.
- Prohl AK, **Hodgeman RM**, Harini C, Sahin M, Kapur K, Peters JM. *“Time to Vigabatrin”: Cognitive outcome in Tuberous Sclerosis Complex is related to timely initiation of Vigabatrin specifically*. 69th Annual meeting of the American Epilepsy Society, Philadelphia, PA Dec 4-8, 2015.
- Patel AA, Ciccone O, Njau A, Shanungu S, Grollnek AK, Frederick F, **Hodgeman RM**, Sideridis GD, Kapur K, Harini C, Kija E, Peters JM. *A validated pediatric epilepsy diagnostic tool for use in resource-limited settings*. 69th Annual meeting of the American Epilepsy Society, Philadelphia, PA Dec 4-8, 2015.
- Pearl PL, Koenig MK, Riviello J, Christie M, Averill K, Chung WK, Bain J, Chiriboga CA, **Hodgeman RM**, Parviz M, Gibson KM. *Epileptic Encephalopathy in GABA-Transaminase Deficiency*. 69th Annual meeting of the American Epilepsy Society, Philadelphia, PA Dec 4-8, 2015.
- Peters JM, Hans A, Ciccone A, Titima I, Connolly JJ, **Hodgeman RM**, Siddiqi O, Patel AA. *An Open-Access Web-based EEG Platform for Remote Reading, Teaching, and Data Exchange – Crowd Sourcing in Clinical Neurophysiology*. 69th Annual meeting of the American Epilepsy Society, Philadelphia, PA Dec 4-8, 2015.
- Pearl PL, Koenig MK, Riviello J, Christie M, Averill K, Chung WK, Bain J, Chiriboga CA, **Hodgeman RM**, Parviz M, Gibson KM. *Novel Intervention in GABA-Transaminase Deficiency*. 44th Child Neurology Society Annual Meeting National Harbor, MD October 7-10, 2015.
- **Hodgeman RM**, Mak K, Bvochora-Nsingo M, Kayembe MKA, Musimar Z, Chabner BA, Efstathiou JA, Dryden-Peterson S. *Breast Cancer in a Prospective Cohort of HIV-infected and HIV-uninfected Patients in Botswana*. Symposium on Global Cancer Research, Boston, MA March 25, 2015.
- Lapalme-Remis S, Lewis E, Parviz M, Shaw C, **Hodgeman RM**, Theodore WH, Gibson KM, Pearl PL. *Succinic Semialdehyde Dehydrogenase Deficiency and Worsening Epilepsy in Adulthood*. 68th Annual Meeting of the American Epilepsy Society, Seattle, WA December 5-9, 2014.
- Deegan BM, Geraghty MC, **Hodgeman RM**, Reisner A, O’Laighin G, Serrador JM. *Effect of Posture and Cardiac Output on Cerebral Autoregulation*, IEEE EMBS Conference. Vancouver, British Columbia, Canada, August 20-24, 2008.

Editorial Activities

Ad hoc Reviewer

- Epilepsia
- Seizure: European Journal of Epilepsy

Grant Awards

- Norman Kagan Endowed Scholarship in Graduate and Professional Studies May 2019
- MSU Graduate School Research Enhancement Award October 2018
- MSU Institute for Global Health Research Project Grant September 2018
- Whitter Scholarship Award March 2018
- IOMO Project Grant March 2018
- Global Health Program Travel Grant April 2016

Interests Cultures, Sports, National Parks, Fitness, Cooking, Travel, Guitar