

Sean M. Himel, MD

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Education:

- University of Tennessee Health Science Center, Neurological Surgery Residency (2020-present)
- University of Mississippi Medical Center (UMMC), Doctor of Medicine, Cum Laude, GPA: 4.00 (2016-2020)
- University of Notre Dame, Bachelor of Science in Science Business, Cum Laude, GPA: 3.76 (2012- 2016)

Certifications:

- USMLE Step 1: 258
- USMLE Step 2 CK: 267
- USMLE Step 2 CS: Pass
- USMLE Step 3: 241
- Advanced Cardiac Life Support (ACLS), certified through July 2022
- Basic Life Support (BLS), certified through July 2022
- NIH Stroke Scale, American Academy of CME

Honors:

- Leonard Tow Humanism in Medicine Award (2020)
 - *Awarded by the Arnold P. Gold Foundation for demonstration of integrity, excellence, collaboration, compassion, altruism, respect, resilience, empathy, and service while caring for patients.*
- Alpha Omega Alpha (AOA) Honor Society, Member (2019- present)
- Gold Humanism Honor Society (GHHS), Jeanette D. Pullen Chapter, Member (2019-present)
 - *One of only 104 chapters in the United States, the GHHS promotes the tradition of the caring doctor. Selection is based on input from peers, clerkship faculty and staff, and administrative personnel within the School of Medicine in order to identify students who demonstrated excellence in patient care, compassion, and dedication to service.*
- John Houston Wear Foundation Scholarship Recipient (2019-2020)
 - *Awarded to a medical student for academic excellence.*
- Otilie Schilling Scholarship Recipient (2016- 2020)
 - *Awarded to a medical student based on academic merit by the Scholarship and Awards Committee*
- Miller- Pittman Medical Scholarship Recipient (2017-2018)
 - *Awarded to a medical student based on academic merit and leadership skills*
- Billy S. Guyton Scholarship Recipient (2018-2019)
 - *Awarded to a medical student based on academic merit by the Scholarship and Awards Committee*
- MSMA STAT Scholar

- *An Award granted to students who attended events and performed activities sponsored by the Mississippi State Medical Association (MSMA) in conjunction with the MSMA Student Advocacy Training (STAT) Program, thereby demonstrating a professional interest and commitment to health advocacy and legislation.*

Research:

- Summer Undergraduate Research Program (2013)
 - *A program at the University of Mississippi Medical Center that allows undergraduate students the opportunity to participate in research*
 - *Project: Mapping Spiral Artery Invasion in Preeclampsia*
 - *Principal Investigator: Dr. Joseph P. Granger, Ph.D., University of Mississippi Medical Center, Department of Physiology.*

Publications/ Presentations:

- Clark PR, Dambrino RJ, **Himel SM**, Smalley ZS, Yimer WK, Washington CW. "The impact of craniotomy for brain tumor case volume on patient safety indicators and in hospital mortality." *Clinical Neurology and Neurosurgery*. Vol 196, 2020. 106043.
- **Himel, Sean**; Ross MD, Randolph; Patel MD, Priya; Duckworth MD, Savannah. "Semaglutide: The Safe Overdose." Society of General Internal Medicine Southern Regional Meeting. February 2019.
 - *Presented as a poster presentation at the Southern region meeting of the Society of General Internal Medicine in Houston (2019)*
- **Himel, Sean**; Ross MD, Randolph; Patel MD, Priya; Duckworth MD, Savannah. "West Nile Meningitis East of the Mississippi River." Society of General Internal Medicine Southern Regional Meeting. February 2019
 - *Presented as a poster presentation at the Southern region meeting of the Society of General Internal Medicine in Houston (2019)*
- **Himel, Sean**; Clark, Paul; Shiflett, James. "Repair of Brachial Plexus Injury using Direct Neurotization of the Spinal Accessory Nerve to the Superior Trunk of the Brachial Plexus: A Case Series." July 2019.
 - *Presented at the Congress of Neurological Surgery annual meeting as an oral presentation.*
- **Himel, Sean**. "Wilderness Medicine: Fall Kayak Trip." *The Murmur*. December 2018.
- **Himel, Sean** & Tang, Anthony. "The Monthly GOAT: Best Burger in Jackson." *The Murmur*. August 2018.

Leadership:

- Peer- led USMLE Step 1 Review Course, instructor (2018- 2019)
 - *UMMC third and fourth year medical students designed a peer-led Step 1 preparation course in 2012 as a low-stress introduction to Step 1. Approximately 17 lectures mirroring the chapters of First Aid are conducted from January to March in order to provide a structured overview of the test content. Current third and fourth year medical students are chosen to teach certain topics based on their Step 1 performance. The student instructors design all teaching aids and practice questions. I provided a 1-hour lecture on the Respiratory system.*
- Tutor with the School of Medicine Dean's Office (2016- 2020)

- *Tutors are paired with students who express a need for further instruction in various courses. I have tutored students in gross anatomy and developmental anatomy.*
- **Writer for *The Murmur* (2018- 2020)**
 - *The Murmur is the student run magazine at UMMC that is published monthly. I have written several pieces including *The Monthly Goat* debating the best burger in the Jackson area and *The Wilderness Medicine Fall Kayak Trip**
- **Member of the Board of Directors for the Jackson Free Clinic (2018- present)**
 - *The Jackson Free Clinic offers free primary healthcare for people in the local community who do not have health insurance. It is a student run organization that is guided by a Board of Directors. My role on the board is the chair of grant writing. I write grants and other proposals to fund the efforts of the free clinic. The proposals I have written have obtained over \$10,000 per year for the clinic.*
- **Co-chair of the Student Journal Club**
 - *The Student Journal Club provides an opportunity for students to become familiar with the evidence that guides everyday clinical practice. As a co- chair, I work with our faculty advisor to choose relevant studies and create presentations about them including how to interpret the raw data, the shortcomings, and the implications of that specific trial or meta-analysis.*
- **Prefect of the Pankratz House (2017-2018)**
 - *Pankratz House is part of the School of Medicine's student community program. The system is borrowed from Harry Potter where the students are separated into different houses. Each house is comprised of students from each year and functions as a support network for medical students. As a prefect, I was in charge of organizing events, managing the budget, and ensuring a smooth transition for the first year medical students.*
- **Interviewer for the University of Mississippi School of Medicine's Office of Admissions (2018- present)**
 - *Assisted the Admission's Office by helping interviewing potential MD candidates. Our institution uses the multiple mini interview format to assess applicants. As an interviewer, I would interview ten applicants per session and then write an assessment on each of them.*
- **Associate Program Director of Camp Sweeney (2016- 2017)**
 - *Camp Sweeney is an organization that supports and teaches Type 1 diabetic youth about proper diabetic management. The camp holds several three-week sessions during the summer accommodating around 1000 children per year. The camp employs between 80 and 100 college counselors and around 20- 30 medical students per summer to help facilitate the experience for the children. The purpose of Camp Sweeney is to teach the principles of good diabetic control while promoting strong support networks among our young campers. As an Associate Program Director I was in charge of the day to day running of the camp during the summer which included management of the medical, counseling, kitchen, maintenance, and leadership staffs. In addition to responsibilities during the summer, I was also part of the team during the rest of the year planning the events for the next year, which included recruiting new staff, organizing training and orientation materials, and revising medical protocols to keep up with the evolving diabetes management devices.*
- **Captain of the Men's Boxing Team, University of Notre Dame (2015-2016)**

- *As captain of the men's boxing team, I was in charge of organizing practices, communicating with the coaches and the members of the team, as well as organizing the Bengal Bouts tournament in the Spring. The Bengal Bouts is a charity tournament put on by the men's boxing team since 1931, which raises funds for the Holy Cross Missions in Bangladesh. The tournament raises over \$100,000 for the missions each year.*
- President of Box Like a Champion Today, South Bend Police Department (2015- 2016)
 - *Box Like a Champion Today is an organization that partners members of the Notre Dame Men's Boxing team with the South Bend Police Department in an effort to influence gang related youth in a positive manner. The program brought Notre Dame students to tutor inner city youth in Math, Literature, and Science before learning how to box. Structured boxing provided a productive outlet for the youth, while also surrounding them with positive role models and academic support.*

Service:

- The Jackson Free Clinic, student team leader and volunteer (2017- 2020)
 - *The Jackson Free Clinic is a non- profit health clinic operated by the University of Mississippi health science students that offers primary medical care to patients in the Jackson area who do not have medical insurance. As a team leader, I would work with and manage a team of other health care professional students including other medical students, pharmacy students, and physical therapy students to obtain a thorough history and physical of patients and formulate a plan. The documentation and plan were then presented to and approved by an attending physician.*
- AOA service project participant (03/2018)
 - *This year the AOA chapter at UMMC cleaned up the Jackson Free Clinic. The project included trimming bushes around the outside of the clinic, planting flowers, laying mulch, and deep cleaning the inside of the building.*
- AOA service project participant (04/2019)
 - *This spring the AOA chapter organized and facilitated an Easter egg hunt for the residents at the Mustard Seed, a facility that provides a loving and caring environment for adults with intellectual disabilities. The project involved hiding eggs with different prizes around the Mustard Seed facility and pairing up with several of the residents to help and spend time with them during the activity.*
- Delta Mercy Participant (12/2017)
 - *Delta Mercy is a program where medical students help care for youth in underserved communities in Mississippi. I traveled to Rolling Fork, Mississippi with several other medical students to help preform wellness exams at the local high school. The program since its inception in the Rolling Fork area has helped decrease the teen pregnancy rate at the high school drastically.*
- Tar Wars, American Academy of Family Physicians anti-tobacco campaign, presenter (04/2019)
 - *I prepared an interactive lecture about the dangers of tobacco use and smokeless tobacco for a class of seventh grade students in the area.*