

DANIEL C. LEE

EDUCATION

- 2026 Neurology Residency, University of South Alabama Health System, Mobile, AL
- 2023 Internship, University of South Alabama Health System, Mobile, AL
- 2022 M.D. University of South Carolina School of Medicine Greenville, Greenville, SC
- 2017 B.S. University of South Carolina, Columbia, SC (Major: Biology; Minor: Neuroscience)
 - Graduated Summa Cum Laude

AWARDS/RECOGNITIONS

- Magellan Apprentice Research Award 2014(\$1000)
- Magellan Scholar Research Award 2016 (\$3000)
- Recipient of the Phi Beta Kappa Award
- Third Place Poster - Evaluating the Utility of Ventriculogallbladder Shunt in Pediatric Hydrocephalus: Long Term Outcomes and Complications

PROFESSIONAL ACTIVITIES

2022-Pres **American Academy of Neurology (AAN)**

- Collaborated with the AAN Delegation to the AMA as the Resident and Fellow Section (RFS) Sectional Delegate from 2023-Pres
- Advocated for AAN priority initiatives at Neurology on the Hill 2024
- Member of the 2024 BrainPAC Trainee Work Group

2018-Pres **American Medical Association (AMA)**

- Served as a 2023 and 2024 RFS Sectional Delegate sponsored by the American Academy of Neurology to the AMA
- Served as the 2022-2023 RFS Chair for the Committee on Medical Education
- Served as the sole medical student on the AMA House of Delegates Resolution's Committee to assess urgency of resolutions during the COVID19 Pandemic
- Served as a Regional Alternate Delegate to the AMA House of Delegates for the Medical Student Section for the 2020 calendar year

2023-2025 **AMA Council on Medical Education**

- Elected to serve as the Resident/Fellow Member to the AMA Council on Medical Education
- Provided trainee perspective on issues surrounding UME, GME, and CME.
- Provided commentary on ACGME proposed changes in program requirements for multiple different ACGME accredited specialties.

2020-2021 **Vice Speaker of the Medical Student Section**

- Created the structure and format for the first completely virtual AMA Medical Student Section Interim Meeting

- Tasked with presiding over all formal AMA Medical Student Section business in conjunction with the Speaker
- 2022-Pres Medical Association for the State of Alabama (MASA)**
- Served as the 2023 and 2024 Resident Member on the Board of Censors
 - Served as the 2023 and 2024 Chair of the Resident and Fellows Section
- 2022-Pres University of South Alabama Health System**
- Served on the USA Wellness Committee for Residents
 - Served on the USA Neurology Program Evaluation Committee

RESEARCH EXPERIENCES

University of South Carolina School of Medicine - Greenville

- Collaborated with Dr. Earl C. Troup MD on multiple case reports and studies revolving around pediatric neurosurgery
- Collaborated with Dr. Steven Fiester PhD on multiple case reports and studies revolving around infectious disease and autoimmune disease
- Collaborated with Dr. Sharon Ben-Or MD on a study examining the benefits of blood-based testing versus tissue testing in Non-Small Cell Lung Cancer

University of South Carolina School of Medicine - Columbia

- Collaborated with Dr. Marlene Wilson PhD on rat behavior and neuronal activation in experiments revolving around Post Traumatic Stress Disorder

University of Vermont College of Medicine

- Awarded an NIH sponsored fellowship at the University of Vermont
- Used brain imaging, cognitive testing, extensive assessment of family environment and culture to understand development from ages 10-20

Research Publications and Presentations

1. Lee, D. C., Fiester, S. E., Madeline, L. A., Fulcher, J. W., Ward, M. E., Schammel, C. M. G., & Hakimi, R. K. (2019). Acanthamoeba spp. and Balamuthia mandrillaris leading to fatal granulomatous amebic encephalitis. Forensic Science, Medicine and Pathology, 1-6 <https://doi.org/10.1007/s12024-019-00202-6>
2. Lee DC, Mackey T, Schilling K, and Troup EC. Pleural Effusion following Ventriculoperitoneal Shunt in 5-month-old with Tetrasomy 9p: a case report and review. 50th Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery, December 2021. (Submitted Abstract for Poster Presentation)
3. Schilling K, Lee DC, Mackey T, and Troup EC. Chiari Type 1 Malformation and Syringomyelia in a Set of Monozygotic Twins: A Case Report and Literature Review. 50th Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery, December 2021. (Submitted Abstract for Poster Presentation)
4. Mackey T, Lee DC, Schilling K, and Troup EC. Evaluating the Utility of Ventriculogallbladder Shunt in Pediatric Hydrocephalus: Long Term Outcomes and Complications. American Association of Neurological Surgeons Annual Scientific Meeting, August 2021 (Accepted Abstract for Poster Presentation)
5. Schilling K, Lee DC, Mackey T, Ohning B, Gates R, and Troup EC. A Case of Myelomeningocele with Late Presenting Congenital Diaphragmatic Hernia. American Association of Neurological Surgeons Annual Scientific Meeting, August 2021. (Accepted Abstract for Poster Presentation)

6. Lee DC, Mackey T, Schilling K, Townsend K, Lightle W, and Troup EC. Telangiectatic osteosarcoma in a 14-year-old male: a case report and literature review. American Association of Neurological Surgeons Annual Scientific Meeting, August 2021. (Accepted Abstract for Poster Presentation)
7. Mackey T, Lee DC, Schilling K, and Troup EC. Evaluating the Utility of Ventriculogallbladder Shunt in Pediatric Hydrocephalus: Long Term Outcomes and Complications. 2020 South Carolina Medical Association Annual Meeting. Virtual, April 2021. (Accepted Abstract for Poster Presentation)
8. Lee DC, Mackey T, Schilling K, Townsend K, Lightle W, and Troup EC. Telangiectatic osteosarcoma in a 14-year-old male: a case report and literature review. 2020 South Carolina Medical Association Annual Meeting. Virtual, April 2021. (Accepted Abstract for Poster Presentation)
9. Lee, DC, Fiester, SE, Madeline, LA, Fulcher, JW, Ward, ME, Schammel, CMG, & Hakimi, RK. Fatal granulomatous amebic encephalitis in Upstate South Carolina, 2020 Fall Meeting of the South Carolina Branch of the American Society for Microbiology, Greenville, SC, October 2020. (Accepted Abstract for Oral Presentation)
10. Lee, DC, Fiester, SE, Madeline, LA, Fulcher, JW, Ward, ME, Schammel, CMG, & Hakimi, RK. "Acanthamoeba spp. and Balamuthia mandrillaris leading to fatal granulomatous amebic encephalitis" 2020 Annual American Society of Neuroimaging conference, Atlanta, GA, March 2020 (Accepted Abstract for Poster Presentation)
11. Lee DC, Juarez S, Self S, Schammel S, Schammel D, Ben-Or S "A Comparison for the Detection of Mutations in Non-Small Cell Lung Cancer: Blood Based Testing versus Tissue Sampling" Annual Eastern Cardiothoracic Surgical Society conference Naples, FL, October 2019. (Accepted Abstract for Oral Presentation)
12. Lee DC, Dube SJ, Schaubhut G, and Potter A "The Effects of a Nicotinic Antagonist on Attention in Prodromal Schizophrenia" at multiple symposiums in 2018 (Accepted Abstract for Poster Presentation)
13. Lee DC, Sharko AC, Kaigler KF, Fadel JR, and Wilson MA "Activation of Hypothalamic Orexin Neurons During Fear Extinction" at Discover USC 2017, Columbia, SC. (Accepted Abstract for Oral Presentation)
14. Lee DC, Sharko AC, Kaigler KF, Fadel JR, and Wilson MA "Activation of Hypothalamic Orexin Neurons During Fear Extinction" at SYNAPSE 2017(regional) Clinton, SC. (Accepted Abstract for Poster Presentation)
15. Lee DC, Sharko AC, Kaigler KF, Fadel JR, and Wilson MA. "Behavioral Stress Responses of Rats in the Presence of Predator Odor: Freezing Behavior as an Indicator of PTSD-like Responses" at SYNAPSE 2015 (regional) Clinton, SC. (Accepted Abstract for Poster Presentation)
16. Lee DC, Sharko AC, Kaigler KF, Fadel JR, and Wilson MA. "Behavioral Stress Responses of Rats in the Presence of Predator Odor: Freezing Behavior as an Indicator of PTSD-like Responses" at Discover USC 2015 Columbia, SC. (Accepted Abstract for Poster Presentation)