

Maxon L Bassett, M.D.

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Education

University of South Alabama College of Medicine

Doctor of Medicine (M.D)

Mobile, AL

May 2026

- **Honors and Awards**

- Golden Humanism Honor Society

University of Alabama

Bachelor of Science in Mechanical Engineering

Tuscaloosa, AL

April 2022

- **Honors and Awards**

- Cum Laude
- University Honors Program

Research Experience

Department of Neurosurgery, University of South Alabama

Mobile, AL

Researcher, Menger Research Group

August 2022 – Present

- Assisted in data collection, analysis, and manuscript preparation for studies on spinal surgery techniques and outcomes.
- Collaborated with attending surgeons, fellows, research fellows, and medical students on spine-related research projects
- Aided in the expansion of group research to include bibliometric interests in current neurosurgical trends

Researcher, Thakur Research Group

August 2022 – Present

- Assisted in data collection, statistical analysis, and manuscript preparation for studies on skull base surgical approaches and outcomes.
- Collaborated with attending neurosurgeons, fellows, research fellows, and medical students on research focused on basal skull neurosurgery.

Peer-reviewed Publications

Bassett, M., Dyess, G., Aljabi, Q., Thomas, A., Bolus, H., Ghalib, M., Butler, D., Shahid, A., Suggala, S., Thakur, J., & Menger, R. (2024, June 28). *Senior mentorship and scholarly success: Assessing influences on successful neurosurgery residency applicant's H-index*. World neurosurgery. <https://pubmed.ncbi.nlm.nih.gov/38945209/>

Dyess G, **Bassett M**, Baker N, et al. (April 17, 2025) Publication Volume and Equity in Competitive Surgical Residency Programs: A Bibliometric Analysis of the 2023-2024 Match. Cureus 17(4): e82451. doi:10.7759/cureus.82451

Dyess GA; Butler DW; Harris L; Karne S; Sabetta Z; **Bassett M**; Rallo MS; Gibson SB; Suggala S; Menger RP; (2025, Jan 1). *Evaluating academic productivity and match outcomes in neurosurgery residents from medical schools without a neurosurgery residency program: A 2016-2022 Bibliometric analysis*. Journal of neurosurgery. <https://pubmed.ncbi.nlm.nih.gov/39059423/>

Dyess, G. A., Ghalib, M. A., Taylor, Z., Sabetta, Z., Taylor, E., Butler, D., **Bassett, M.**, Harris, L., Bolus, H., Shahid, A., & Thakur, J. D. (2024, August 20). *Careers in skull base and open cerebrovascular surgery: Factors associated with academic job placement*. Journal of Neurological Surgery Part B: Skull Base. <https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-2375-8003>

Shahid, A., Butler, D., Dyess, G., **Bassett, M.**, Harris, L., Hummel, U., Chason, D., & Thakur, J. (2024, March 25). *Supraorbital keyhole approaches in the first 3 years of practice: Outcomes and lessons learned. patient series*. Journal of neurosurgery. Case lessons. <https://pubmed.ncbi.nlm.nih.gov/38531085/>

Shahid, A., Butler, D., Dyess, G., **Bassett, M.**, Harris, L., Hummel, U., Chason, D., & Thakur, J. D. (2024). *Endoscope-assisted supraorbital approach for excision of tuberculum sella meningioma: Technical nuances*. *Surgical Neurology International*.

Submitted Manuscripts

Bassett, M. Nguyen, I. Patel, S. Patel, I. Kunneth, L. Howell, M. Jalkh, J. Khan, N. Michael, M. *Comprehensive Bibliometric Analysis of U.S. Neurosurgical Residency Programs: Evaluating Recent Research Productivity, Citation Impact, and Publication Equity*. Submitted to Neurosurgery, Mar 8 2025.

Bassett, M. Menger, R. Book Chapter: “*Spreading the Message*” , Book: *Surviving Neurosurgery*, Publisher: Springer.

Bassett, M. McIlwain, R. Young, P. Darbin, O. Menger, R. *Validation of Freehand Pedicle Screw Technique in a Deformity-Trained Spine Surgeon Within the First Two Years of Practice with Two Year Follow Up*. Submitted to Cureus, Mar 19 2025.

Butler, D. Tucker, J. Ogles, C. Dyess, G. **Bassett, M.** Ashburn, N. Romeo, A. *Analyzing Predictors of an Academic Career in Functional Neurosurgery: Determining the Factors that Influence Professional Pathways*. Submitted to the Journal of Neurosurgery, Feb 7 2025.

Shahid, A. Butler, D. **Bassett, M.** Dyess, G. Thakur, J. *Endoscopic Subdural Membranectomy for Multi-septated Chronic SDH: Finding A Safe Solution When Middle Meningeal Artery Embolization is Not Feasible*. Submitted to the Journal of Operative Neurosurgery, Jan 11 2025.

Khaleghi, M. Tao, M. Dyess, G. Butler, D. Shahid, A. Suggala, S. Hummel, U. **Bassett, M.** Sosnowski, J. Thakur, J. *Comparative Analysis of Facial Nerve Outcomes in Petroclival versus Posterior Petrous Meningioma Surgery: A Systematic Review and Meta-Analysis of 2884 Patients*. Submitted to the Journal of Clinical Neuroscience, Jan 24 2025.

Dyess, G. Butler, D. **Bassett, M.** Williams, D. Rallo, M. Shahid, A. Thakur, J. Chambless, L. *Neurosurgery Program Directors' Perspectives on the Role of Research in the Match: A Qualitative Study*. Submitted to Neurosurgical Review, Feb 13 2025.

Butler, D. Khaleghi, M. **Bassett, M.** Ashburn, N. Dyess, G. Higdon, L. Menger, R. Martino, A. Shahid, A. Thakur, J. *Courthouses and Craniotomies: Medical Malpractice Indemnity Payments and Litigation Verdicts in Skull Base and Open Cerebrovascular Neurosurgical Practice in the 21st Century*. Submitted to Operative Neurosurgery, Jan 21 2025.

Abstracts and Presentations

Bassett M., Young P, Menger R. (2022). *Validation of freehand pedicle screw technique in a deformity trained spine surgeon within the first two years of practice*. Poster session presented at the International Spinal Deformity Symposium.

Bassett M., Kilgo W. (2024). *Incidence and Causes of Multiple Sclerosis Misdiagnosis in an Academic Center Serving a Diverse Patient Population*. Poster session presented at the Americas Committee for Treatment and Research in Multiple Sclerosis.

Bassett M, Dyess G, Aljabi Q, Bolus H, Thomas A, Shahid A, Suggala S, Thakur J, Menger R. (2024). *Senior Mentorship and Scholarly Success: Assessing Influences on Successful Neurosurgery Residency Applicant's H-index*. Poster session presented at the Congress of Neurological Surgeons.

Bassett M, Dyess G, Aljabi Q, Bolus H, Thomas A, Shahid A, Suggala S, Thakur J, Menger R. (2024). *Senior Mentorship and Scholarly Success: Assessing Influences on Successful Neurosurgery Residency Applicant's H index*. Electronic Poster session presented at the American Association of Neurological Surgeons.

Aljabi Q, **Bassett M**, Kilgo W. (2024). *Unveiling Neuromyelitis Optica Spectrum Disorder and Myelin Oligodendrocyte Glycoprotein Disease: Exploring the Area Deprivation Index in Disease Outcome and Healthcare Needs*. Poster session presented at the Consortium of Multiple Sclerosis Centers.

Butler D, Tucker J, Ogles C, Dyess G, **Bassett M**, Ashburn N, Romeo A. (2024). *Analyzing Predictors of an Academic Career in Functional Neurosurgery: Determining the Factors that Influence Professional Pathways*. Poster session presented at the Congress of Neurological Surgeons.

Butler D, Khaleghi M, **Bassett M**, Ashburn N, Dyess G, Higdon L, Menger R, Martino A, Shahid A, Thakur J. (2024). *Medical Malpractice Indemnity Payments and Litigation Verdicts in Skull Base and Open Cerebrovascular Neurosurgical Practice in the 21st Century*. Poster session presented at the Congress of Neurological Surgeons.

Suggala S, Khaleghi M, Butler D, Dyess G, **Bassett M**, Menger R. (2024). *Expandable TLIF Cages Collapsed 16.1% of the Time for a Single Surgeon: A Retrospective Cohort Study*. Poster session presented at the Congress of Neurological Surgeons.

Khaleghi M, Suggala S, Butler D, Dyess G, **Bassett M**, Menger R. (2024). *Antibiotic Impregnated Calcium Sulphate Beads in Spine Surgery: An Analysis of 61 Consecutive Patients*. Poster session presented at the Congress of Neurological Surgeons.

Shahid A, Khaleghi M, Butler D, **Bassett M**, Dyess G, Thakur J. (2024). *Posterior Fossa Pathologies are Independent Predictors of Having Postoperative Neurological Deficit in Early Recovery Periods*. Poster session presented at the Congress of Neurological Surgeons.

Leadership Experiences

Neurosurgery Interest Group

Vice President: 2024-2025

Secretary: 2022-2024

- Assisted in Leadership & Strategy – Collaborated with the President to develop and implement initiatives to engage members and expand interest in neurosurgery
- Facilitated Research Opportunities – Connected members with faculty-led neurosurgical research projects and shadowing experiences
- Oversaw Logistics & Planning – Scheduled meetings, arranged event venues, and managed budgets to ensure smooth operation of all activities

Tutor with the College of Medicine Dean's Office

Peer Tutor: 2022-2023

- Tutors are paired with peers who express a need for further instruction in various courses. I have tutored in Cardiology, Neurology, and Anatomy.

Neurology Interest Group

Research and Volunteering Coordinator: 2023

- Facilitated Research Opportunities – Connected members with faculty-led neurology research projects and shadowing experiences.
- Worked with local institutions to aid in student awareness of sleep wellness and resources available.

Volunteer Experience

USA Student Run Free Clinic

Medical Team Volunteer

Mobile, AL

2022-2023

Pure World Health and Resource Center

Group and One on One tutor K-12 and GED candidates

Mobile, AL

2022-2024

Buddy Ball

Play Baseball with Children and Adults with Mental Disabilities

Mobile AL

2022-2023