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## Douglas Ryan Taylor, M.D.

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### Education

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2019-Present	University of Tennessee Health Science Center Department of Neurosurgery	Memphis, TN
2019	<ul style="list-style-type: none"><li>Neurological Surgery Resident</li></ul> Royal College of Surgeons of Edinburgh International Graduate Program	Bristol, UK
2016	<ul style="list-style-type: none"><li>Neurological Surgery Fellow: Pediatrics and Epilepsy</li></ul> American Board of Neurologic Surgery	Memphis, TN
2010-2014	<ul style="list-style-type: none"><li>Primary exam: Pass</li></ul> University of Tennessee Health Science Center, College of Medicine	Memphis, TN
2005-2009	<ul style="list-style-type: none"><li>M.D. May 2014 with Highest Honors</li></ul> University of Tennessee at Knoxville Bachelor of Science	Knoxville, TN
	<ul style="list-style-type: none"><li>Concentration: Biochemistry, Cellular, and Molecular Biology</li><li>Summa Cum Laude</li></ul>	

### Honors/ Awards

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2019	H-Index: 9
2013	AOA Medical Honor Society Membership
2013	Junior AOA Candidate
2002	Eagle Scout: Boy Scouts of America Troop 457. Affiliation of St. Francis of Assisi. Memphis, TN

### Leadership Roles

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2019- Present	Chief Resident: University of Tennessee Health Science Center, Department of Neurosurgery
	<ul style="list-style-type: none"><li>Organize and educate Junior residents using a team-based approach to critically analyze and provide quality patient care and management</li></ul>
2013	President: University of Tennessee Student Neurosurgical Society
	<ul style="list-style-type: none"><li>Provide a forum for medical students to interact with neurosurgical faculty and residents in an effort to increase knowledge and gain exposure to the field of neurosurgery</li></ul>
2013	Vice president: UTHSC Nature Conservancy Group
	<ul style="list-style-type: none"><li>Collaborate with the Wolf River conservancy to maintain the river by clearing trees and trash</li></ul>
2012-2013	Vice President: Student Surgical Society University of Tennessee Health Science Center
	<ul style="list-style-type: none"><li>Provide information to the UT student body about organization meetings, journal clubs, opportunities</li></ul>
2009-2010	Assistant Coach: St. Benedict at Auburndale High School Wrestling Team

- Guide student athlete success exemplified by technique, physical competition, determination, and goal-oriented dedication

#### **Peer Reviewed Publications/ Presentations**

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- 2020 *Predicting Neurologic Decline in Ischemic Cerebellar Stroke*
- E-poster presentation **AANS Annual Scientific Meeting**
- 2020 *Predicting Surgical Intervention in Cerebellar Stroke: A Quantitative Retrospective Analysis*
- **World Neurosurgery**
- 2019 *Germinoma*
- **Textbook of Pediatric Neurosurgery. Springer Nature India Private Limited**
- 2019 *Tumors of Germ Cell Origin*
- **Pineal Region Lesions: Management Strategies and Controversial issues. Springer Nature**
- 2019 *Treatment Related Calvarial Lesions in Pediatric Brain Tumor Survivors*
- **Pediatric Blood and Cancer**
- 2019 *Anatomy of the Brainstem*
- **Pediatric Brainstem Surgery**
- 2019 *Application of the Preventable Shunt Revision Rate to an Adult Population*
- **World Neurosurgery**
- 2018 *Intracranial Procedures in the Lateral Position.*
- **Perioperative Considerations and Positioning for Neurosurgical Procedures (1st ed., pp. 101-110). Springer International Publishing**
- 2018 *A Review of Industry Funding in Randomized Controlled Trials Published in the Neurosurgical Literature-The Elephant in the Room.*
- **Neurosurgery**
- 2016 *Five-Year Institutional Bibliometric Profiles for 119 North American Neurosurgical Residency Programs: An Update.*
- **World Neurosurgery**
- 2015 *Five-Year Bibliometric Profiles For 103 U.S. Neurosurgical Residency Programs*
- **Journal of Neurosurgery**
- 2014 *Intensive Blood Pressure Control during the Hyper-acute Phase of Intracerebral Hemorrhage in Patients at Risk for Resistant Hypertension: A Retrospective Cohort Study.*
- **Journal of Critical Care**
- 2014 *Tumor Pseudoprogression of Spinal Metastasis after Radiosurgery: A Novel Concept and Case Reviews. Taylor DR, Weaver J*
- **JNS: Spine**
- 2014 *Bibliometric evaluation of pediatric neurosurgery in North America*
- **JNS: Pediatrics**
- 2014 *An application of Bradford's law: identification of the core journals of pediatric neurosurgery and a regional comparison of citation density.*
- **Childs Nervous System**
- 2013 *A correlation between NIH funding and bibliometrics in Neurosurgery.*
- **World Neurosurgery**
- 2013 *An analysis of publication productivity for 1,225 academic neurosurgeons and 99 departments in the United States.*
- **Journal of Neurosurgery**
- 2013 *Part II: Should the h-index be modified? An analysis of the m-quotient, contemporary h-index, authorship value, and impact factor.*
- **World Neurosurgery**
- 2013 *Amygdalar neuromelanosis intractable epilepsy without leptomeningeal involvement. Taylor DR, Wait SD, Wheless JW, Boop FA.*

- **JNS: Pediatrics.**
- 2013 *The application of the h-index in Neurosurgery to individuals, groups of individuals and departments.*
  - Primary presenter: AOA Medical Student Research Poster Session. University of Tennessee College of Medicine. Memphis, TN
- 2011 *Amygdalar Neuromelanosis Associated with Intractable Epilepsy.*
  - Primary Presenter: Poster Presentation at **AANS/CNS Section on Pediatric Neurological Surgery** in Austin, TX

### **Interests**

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- My Wife (Whitney) and 3 Kids (Jack, Penny, Birdie)
- Music: Guitar (*Memphis Soul Remedy*)
- Traveling
- Exercise
- Backpacking
- Camping
- Painting