

Specialties:

- Knee replacement surgery
- Hip replacement surgery
- Fracture surgery of all extremities
- Arthroscopic shoulder surgery to include rotator cuff repair as well as shoulder instability
- Arthroscopic knee surgery to include ACL and other ligament reconstructive surgery
- Sports and work related injuries

Education:

- 08/2001 – 05/2005 University of Georgia
Athens, GA
Bachelor of Science, Biology
- 01/2007 - 06/2009 American University of The Caribbean
St. Maarten, Netherland Antilles
- 07/2009 -05/2011 Mercer University School of Medicine
Savannah, GA
Doctor of Medicine

Post Graduate Education:

- 07/2011-07/2016 Greenville Hospital System
Greenville, South Carolina
Orthopaedic Surgery Residency
- 8/2016-5/2017 Hughston Clinic
Columbus, Georgia
Fellowship (Sports medicine/Joint Replacement)

Professional Memberships/Appointments:

- American Board of Orthopaedic Surgery:
 - *Board Certified*
- American Academy of Orthopaedic Surgeons, FAAOS
- American Orthopaedic Society of Sports Medicine
- Georgia Orthopaedic Society
- Chief of Staff Jack Hughston Memorial Hospital 2021-2023
- Vice Chief of Staff Jack Hughston Memorial Hospital 2018-2020
- Chairman, Credentials Committee, Jack Hughston Memorial Hospital 2018-2020
- Jack Hughston Memorial Hospital Board of Directors- 2024-Present
- Editor, Hughston Health Alert 2018-Present
- Team Physician- Calvary Christian High School- 2016- 2023
- Team Physician- Smiths Station High School 2021-Present

- Team Physician-Chattahoochee County Rodeo 2021-2023
- Team Physician Lamar County High School- 2023-Present
- Team Physician WWE Wrestling Event, Columbus, Ga. 2019
- Team Physician Sugar Bert Boxing Event Columbus Ga. 2016
- Associate Team Physician Columbus Lion-2016-present
- Associate Team Physician Columbus Cottonmouth/Columbus River Dragons 2016-Present
- Team Physician Columbus PRCA Rodeo January 2024

Honors/Awards:

- Chief Orthopaedic Resident, 2015-2016
- AOA Resident Leadership Forum Recipient, 2015
- Lily M. & G.D. Jackson Award for Outstanding First Year Resident, 2011-2012
- Outstanding Medical Student in Emergency Medicine, 2011
- Outstanding Medical Student in Pediatrics, 2011
- Deans List 2007-2008

Research/Publications:

- The FLOW Investigators. A trial of wound irrigation in the initial management of open fracture wounds. *N Engl J Med* 2015;373:2629-2641. PubMed PMID: 26448371. DOI: 10.1056/NEJMoa1508502 (Site Co-Investigator).
- Fixation using Alternative Implants for the Treatment of Hip fractures (FAITH) Investigators.. Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. *Lancet*. 2017 Mar 2. pii: S0140-6736(17)30066-1. doi: 10.1016/S0140-6736(17)30066-1. [Epub ahead of print] PubMed PMID: 28262269. (Site Co-Investigator)
- Gudger Jr. GK. Pediatric Forearm Fractures: When Both Bones Break. *Hughston Health Alert*. 2017;29(2):6-7.
- Watson ST, Gudger GK, Long CD, Tokish JM, Tolan SJ. Outcomes of Trabecular Metal-backed glenoid components in anatomic total shoulder arthroplasty. *Journal of shoulder and elbow surgery*. 2018 Mar 1;27(3):493-8. DOI: <https://doi.org/10.1016/j.jse.2017.09.036>
- Sprague S, Tornetta P 3rd, Slobogean GP, O'Hara NN, McKay P, Petrisor B, Jeray KJ, Schemitsch EH, Sanders D, Bhandari M; FLOW Investigators. Are large clinical trials in orthopaedic trauma justified? *BMC Musculoskeletal Disorders*. 2018;19(1):124. (Site Co-Investigator).

- Sprague S, Schemitsch EH, Swiontkowski M, Della Rocca GJ, Jeray KJ, Liew S, Slobogean GP, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M; FAITH Investigators. Factors associated with revision surgery after internal fixation of hip fractures. *Journal of Orthopaedic Trauma*. 2018;32(5):223-230. (Site Co-Investigator)
- Gudger Jr. GK. Hip Arthroscopy. *Hughston Health Alert*. 2018
- Gudger Jr. GK. Anterior Cruciate Ligament. *Hughston Health Alert*. 2019
- Gudger Jr. GK. Ergonomics in the Workplace. *Hughston Health Alert*. 2020
- Gudger Jr. GK. Pickle Ball Injuries. *Hughston Health Alert* 2024
- Blankstein M, Schemitsch EH, Bzovsky S, Axelrod D, Poolman RW, Frihagen F, et al. The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations? *Journal of Orthopaedic Trauma*. 2020 Nov;34:S1-S8. PMID: 33027159 (Gudger Jr, GK – Collaborator)
- Afaq S, O'Hara NN, Schemitsch EH, Bzovsky S, Sprague S, Poolman RW, et al. Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S9-S14. PMID: 33027160 (Gudger Jr, GK – Collaborator)
- Bzovsky S, Comeau-Gauthier M, Schemitsch EH, Swiontkowski M, Heels-Ansdell D, Frihagen F, et al. Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S15-S21. PMID: 33027161 (Gudger Jr, GK – Collaborator)
- Sivaratnam S, Comeau-Gauthier M, Sprague S, Schemitsch EH, Poolman RW, Frihagen F, et al. Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S22-S28. PMID: 33027162 (Gudger Jr, GK – Collaborator)
- MacDonald DRW, Neilly D, Schneider PS, Bzovsky S, Sprague S, Axelrod D, et al. Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S70-S75. PMID: 33027169 (Gudger Jr, GK – Collaborator)
- Wurdemann FS, Poolman RW, Krijnen P, Sprague S, Kaptein BL, Hegeman JH, et al. Clockwise Torque of Sliding Hip Screws: Is There a Right Side? *Journal of Orthopaedic Trauma*. 2020 Nov;34:S76-S80. PMID: 33027170 (Gudger Jr, GK – Collaborator)

- Bhandari M, Bulstra AEJ, Doornberg JN, Goslings C, Hendrickx LA, Jaarsma RL, et al. A Machine Learning Algorithm to Identify Patients with Tibial Shaft Fractures at Risk for Infection After Operative Treatment. *The Journal of Bone & Joint Surgery*. 2021 Mar 17;103(6):532–40. PMID: 33394819 (Gudger Jr, GK – Collaborator)
- Gitajn IL, Werth PM, Sprague S, Bzovsky S, Petrisor BA, Jeray K, et al. Effect of Tourniquet Use During Surgical Treatment of Open Fractures. *The Journal of bone and joint surgery American volume*. 2021 Mar 11; PMID: 33877068 (Gudger Jr, GK – Collaborator)

Podium/Poster Presentations:

- Gudger Jr GK, Schaller TM, McHenry TP, Teasdall RJ, Tanner SL. Two Generations Of Intramedullary Nails For Diaphyseal Lower Extremity Fractures. Southern Orthopaedic Association Annual Meeting, Asheville, NC, July 15-18, 2015.
- Gudger Jr GK, Schaller TM, McHenry TP, Teasdall RJ, Tanner SL. Two Generations Of Intramedullary Nails For Diaphyseal Lower Extremity Fractures. Orthopaedic Trauma Association Annual Meeting. San Diego, CA 2015.
- Gudger Jr, GK. Outcomes of Arthroscopic Rotator Cuff Repair in Patients with a Workers' Compensation Claim vs. Patients without a Workers' Compensation Claim: A Preliminary Comparison Study. Hughston Society. Columbus, Ga. April 2017
- Gudger Jr, GK. Orthopaedic Mythbusters: Are you Practicing Evidence Based Orthopaedics: Hughston Society. Columbus, Ga. April 2017
- Watson S, Gudger G, Tokish JM, Tolan SJ. Outcomes of Trabecular Metal Glenoid Components in Total Shoulder Arthroplasty. AAOS Annual Meeting, San Diego, CA 2017.
- Gudger Jr, GK. Panelist-OA Management. Hughston Grand Rounds. Columbus, Ga. August 2018
- Gudger Jr, GK. Treatment and Surgical Intervention for Common Shoulder Injuries in the Workplace. Workers Compensation Discussion Panelist. Macon, Ga. October 2018

- Gudger Jr, GK. Common Hip Problems. AAPC Medical Coding/Billing Lagrange Chapter Meeting. October 2017
- Gudger Jr, GK. Treatment and Surgical Intervention for Common Shoulder Injuries in the Workplace. Workers Compensation Discussion Panelist. Hughston Foundation. Columbus, Ga. January 2020
- Guger Jr, GK. Idiopathic Musculoskeletal disorders. Workers Compensation Discussion Panelist. Hughston Foundation. Columbus, Ga. January 2020.
- Gudger Jr, GK. Orthopaedic Mythbusters: What does the evidence say? Grand Rounds Hughston Foundation. Columbus, Ga. January 2024

Licensure:

- State of South Carolina: Medical License
- State of Georgia: Medical License
- State of Alabama: Medical License