

# Brittney Ann Hacken, MD

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## *Education*

### **Graduate Medical Education**

- Aug 2019-July 2020    Orthopedic Sports Medicine Fellowship  
Mayo Clinic- Rochester, MN
- July 2014- June 2019    Orthopedic Surgery Residency  
Penn State Health Milton S. Hershey Medical Center

### **Medical Education**

- 2010- May 18, 2014    Penn State College of Medicine  
Degree- M.D.

### **Undergraduate Education**

- Aug 2006-May 2010    Indiana University- Bloomington  
Degree- B.S. in Biology, minor in Chemistry and Psychology

## *Certification*

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- ABOS Board Eligible**    Passed Part 1 Written Board Exam July 11, 2019
- ATLS**    06/20/2018- 06/20/2022
- ACLS**    04/17/2019- 04/2021
- BLS**    04/17/2019- 04/2021

## *Research Publications and Presentations*

### **Cartilage Injury in the Knee: Assessment and Treatment Options**

- Krych AJ, Saris DBF, Stuart MJ, Hacken B. Cartilage injury in the knee: Assessment and treatment options. *J Am Acad Orthop Surg.* 2020; 10.5435/JAAOS-D-20-00266

### **A Novel Scoring Instrument to Assess Donor Site Morbidity after Patellar Tendon Autograft ACL Reconstruction at 2-Year Follow up with Contemporary Graft Harvesting Techniques**

- Hacken BA, Keyt LK, Leland DP, LaPrade MD, Camp CL, Levy BA, Stuart MJ, Krych AJ. A novel scoring instrument to assess donor site morbidity after anterior cruciate ligament reconstruction with patellar tendon autograft at 2-year follow-up using contemporary graft-harvesting techniques. *Orthop J Sports Med.* 2020; 8(6):2325967120925482.

### **Prevalence of MRI Shoulder Abnormalities in Asymptomatic Professional and Collegiate Ice Hockey Athletes**

- Hacken B, Onks C, Flemming D, Mosher T, Silvis M, Black K, Stuck D, Dhawan A. Prevalence of MRI shoulder abnormalities in asymptomatic professional and collegiate ice hockey athletes. *Orthop J Sports Med.* 2019; 7(10): 232596711987119876865.

### **Improvement in Knee Osteoarthritis Pain and Function Following Bariatric Surgery: 5-year Follow-up**

- Hacken B, Rogers A, Chinchilli V, Silvis M, Mosher T, Black K. Improvement in knee osteoarthritis pain and function following bariatric surgery: 5-year follow-up. *Surg Obes Relat Dis.* 2019; 15(6): 979-984.

### **A Systems-Based Practice Curriculum in Orthopaedics: Successes and Challenges Moving Forward**

- Hacken B, Jarvis-Selinger SS, Armstrong AD, Black S, Pratt D, Black KP. A Systems-Based Practice Curriculum in Orthopaedics: Successes and Challenges Moving Forward. *J Bone Joint Surg Am* 2019; 2;101(1).
- Podium Presentation: Nov 15, 2016. Learn Serve Lead 2016 the AAMC Annual Meeting, Seattle, WA. Systems-Based Practice Curriculum in Orthopaedics: Successes and Challenges Moving Forward. Hacken B, Black S, Jarvis-Selinger S.S, Armstrong A.D, Black K.P. A
- Poster Presentation: March 7, 2016 Edventure 2016, Hershey, PA. Systems-Based Practice Curriculum in Orthopaedics: Successes and Challenges Moving Forward. Hacken B, Black S, Jarvis-Selinger S.S, Armstrong A.D, Black K.P. A

### **Comparison of the Underwater Treadmill, Land Based Treadmill, and Exercise Cycle on Patient Reported Symptoms of Knee Osteoarthritis**

- Silvis M, Sylvester J, Hacken B, Wawrzyniak J, Kelly R, et al. Comparison of Three Exercise Modalities on Patient Reported Symptoms of Knee Osteoarthritis: A Randomized Prospective Study. *J Arthritis* 2016; 5: 220.
- Podium with poster- M. Silvis presented podium: April 17-21, 2013. AMSSM Conference 2013, San Diego, CA. Comparison of the Underwater Treadmill, Land Based Treadmill, and Exercise Cycle on Patient Reported Symptoms of Knee Osteoarthritis. Silvis M, Sylvester J, Hacken B, Wawrzyniak J, Kelly R, Lynch S, Mosher T, Chinchilli V, Black K.

### **The Effect of Isolated Weight Loss through Bariatric Surgery on Knee Osteoarthritis**

- Hacken B, Edwards C, Rogers A, Chinchilli VM, Mosher T, et al. The Effects of Bariatric Surgery Weight Loss on Knee Pain in Patients with Knee Osteoarthritis: 2 Year Follow-up. *J Arthritis* 2014; 3: 132.
- Poster Presentation: April 11, 2014. Medical Student Research Symposium- Penn State Hershey. The Effects of Bariatric Surgery Weight Loss on Knee Pain in Patients with Knee Osteoarthritis: 2 Year Follow-up. Hacken B, Edwards C, Rogers A, Chinchilli V, Mosher T, Lynch S, Silvis M, Black K.

### **Facebook Stress Management as a Resource for First Year Medical Students**

- Abstract Accepted: June 1-2, 2012. Conference CFP: Public Ethnography: Connecting New Genres, New Media, New Audiences. Digital Ethnography: A Facebook Stress Management Group for First Year Medical Students Cheryl Dellasega, PhD, GNP, Daniel R. George, PhD, MSc, Megan M. Whitehead, M.S.W., Alan Bordon, BA, Brittney Hacken, BA, Ali Thompson, BA

### ***Quality Improvement Projects***

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#### **Improving Communication between Residents and Nursing Staff**

- Utilized DMAIC process to develop a new paging system to allow nurses to better identify the appropriate orthopaedic team to contact and improve efficiency of communication

### **Decreasing Post Operative Urinary Retention**

- Utilized DMAIC process to develop to determine areas that we can intervene to decrease post operative urinary retention in our elective surgical patients

### ***Awards/ Honor Societies***

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- **The Leonard Tow Humanism in Medicine Award for Graduating Medical Students** 2014
- **Medical Student Research Award** 2014
  - The Effect of Isolated Weight Loss through Bariatric Surgery on Knee Osteoarthritis
- **Gold Humanism Honor Society** 2013
- **Penn State University College of Medicine Pathology Honor Society** 2013
- **Medicine Clerkship Case of the Month** Oct. 2012
  - Management of a Retroperitoneal Hemorrhage on Supratherapeutic Anticoagulation Therapy. Brittney Hacken and Michael Perone.

### ***Orthopedic Sports Medicine Volunteer Experiences***

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- Minnesota Timberwolves Team Physician Coverage Sept 2019- March 2020
- Minnesota Twins Team Physician Coverage (Spring Training) March 2020
- Junior Ice Hockey Team Physician Austin Bruins Aug 2019-March 2020
- Junior Ice Hockey Team Physician Rochester Grizzlies Aug 2019-March 2020
- Lourdes High School Team Physician (Football and Ice Hockey) Aug 2019-March 2020
- Hershey Bears AHL Ice Hockey Team Coverage Oct 2014- Mar 2019
- Middletown Football Team Coverage Fall 2017
- Medical Volunteer at Youth Hershey Cup Soccer Tournament Aug 2014

### ***Leadership and Activities***

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- Participant in Committee developing 3+5 curriculum for medical students entering orthopaedic surgery residency Jan 2016- Current
- Medical Student Liaison for Students Rotating on Orthopaedics April 2017-July 2018
- Problem Based Learning Facilitator- MSK/Rheum Course Sept 2014

### ***Other Awards and Honors (College)***

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- ESPN The Magazine Academic All- District 1<sup>st</sup> Team 2009
- National Field Hockey Coaches Association National Academic Squad 2006, 2007, 2008
- Big Ten Academic All-Conference Selection 2007, 2008, 2009
- Phi Beta Kappa Honor Society