
John J. Bottros, M.D.

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EDUCATION & TRAINING

2011-2012: **RUSH University Medical Center**, Chicago, IL

- Adult Reconstructive Orthopaedic Surgery Fellowship

2005-2011: **Cleveland Clinic Foundation**, Cleveland, OH

- Department of Orthopaedic Surgery
- 2008-2009: Dedicated Research Year in Adult Reconstruction
- 2011: American Board of Orthopaedic Surgery Step 1 Examination
 - Board Eligible

2001-2005: **State University of New York Upstate Medical University**, Syracuse, NY

- Doctor of Medicine
- Academic Year 2001-2002: Elected Co-President of Health Care in Transition (HIT) under then President Dr. Gregory Eastwood
- Academic Year 2002-2003: Medical Student Interviewing Committee
- USMLE Step 1: 92

1997-2001: **University of Michigan**, Ann Arbor, MI

- Bachelor of Arts with Distinction in Philosophy
- Academic Year 2000-2001: Organic Chemistry and Biochemistry Proctor
- Summer 1999: Emergency Medical Technician License obtained in New York State
- Summer 1998: Humanitarian Services abroad in Nairobi, Kenya and Musoma, Tanzania
- Academic Year 1999-2001: National Society of Collegiate Scholars, Golden Key National Honor Society
- Working understanding of Arabic Language
- Overall GPA: 3.7
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RESEARCH EXPERIENCE

Academic Year 2008-2009: Research Assistant to Antonie van den Bogert, PhD

- Cleveland Clinic Foundation, Department of Biomedical Engineering
- Development and Implementation of a novel Cadaveric Robotic Hip Model, Evaluation of Dislocation Potential of Hip Resurfacing versus Arthroplasty

Academic Year 2004-2011: Research Assistant to Dr. Wael Barsoum

- Cleveland Clinic Foundation, Department of Orthopedic Surgery
- Adult Reconstruction: Joint Kinematics, Data Collection, Clinical Trials, Manuscript/Grant Preparation

Academic Year 2003: Research Assistant to Drs. Timothy Damron, Bruce Fredrickson and Richard Tallarico

- SUNY Upstate Medical University, Department of Orthopedic Surgery
- *Evaluating Sacral Table Index, Sacral Table Angle, and Lumbar Index in occurrence of Spondylolisthesis*
- *Squamous Cell Carcinoma Arising at a Pin Site within Six Weeks: A Case Report*

Summer 2002: Primary Investigator with Dr. Wael Barsoum

- Cleveland Clinic Naples Florida, Department of Orthopedic Surgery
- *Evaluation of intra-articular injection of Ketorolac in patients status post knee arthroplasty*

Academic Year 1998-2000: Research Assistant to George W. Jourdian, PhD

- University of Michigan, Departments of Biological Chemistry and Internal Medicine
- *Isolation and clarification of nucleotide oligosaccharides in bovine liver*

Summer 1998: Research Assistant to Dr. Shirley Joseph

- University of Rochester, Department of Neurobiology
- Epilepsy research focusing on Hippocampus and Cerebral Cortex utilizing Immunocytochemistry

PUBLICATIONS AND PRESENTATIONS

- **Bottros J, Butler R, Colbrunn R, van den Bogert A, Barsoum W.** *Evaluation of the Acetabular Labrum in Impingement Free Range of Motion and Dislocation Using a Novel Cadaveric Robotics Model.* 8th Biennial International Society of Arthroscopy Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) 2011, Rio de Janeiro, Brazil. Nominated for top 100 Abstracts
- **Bottros J, Butler R, Colbrunn R, van den Bogert A, Barsoum W.** *Evaluation of the Acetabular Labrum in Impingement Free Range of Motion and Dislocation Using a Novel Cadaveric Robotics Model.* 29th Annual Meeting Mid-American Orthopaedic Association. Tucson, AZ 2011
- **Bottros J, Greeson C, Colbrunn R, van den Bogert A, Barsoum W.** *Impingement Free Range of Motion and Dislocation Potential in Total Hip Arthroplasty versus Femoral Head Resurfacing Using a Novel Cadaveric Robotics Model.* 56th Annual Meeting Orthopaedic Research Society. New Orleans, LA 2010
- **Bottros J, Greeson C, Colbrunn R, van den Bogert A, Barsoum W.** *Role of the Acetabular Labrum in Impingement Free Range of Motion Using a Novel Cadaveric Robotics Model.* 56th Annual Meeting Orthopaedic Research Society. New Orleans, LA 2010
- **Barsoum W, Sherman R, Klika A, Higuera C, Bottros J, Elsharkawy K, Strnad G, Bershadsky B.** *Implementation of Low Cost, Low Burden Method for Collecting Implant Registry Data.* 28th Annual Meeting Mid-American Orthopaedic Association. Austin, TX 2010
- **Bottros J, Klika A, Milidonis M, Smith D, Toetz A, Fehribach A, Barsoum W.** *A Rapid Recovery Program Following Total Hip Arthroplasty.* *Current Orthopaedic Practice.* 2010; 21:4.
- **Bottros J, Brooks P, Barsoum W.** *An Algorithm for the Treatment of Patello-Femoral Arthritis.* *Seminars in Arthroplasty.* 2009; 20:3.
- **Higuera C, Klika A, Bottros J, Barsoum W.** *Navigated Total Knee Arthroplasty as an Option in Cases of Extra-Articular Deformity.* *Seminars in Arthroplasty.* 2009; 20:1.
- **Evans A, Bottros J, Grant W, Chen B, Damron T.** *Mirels' Rating for humerus lesions is both reproducible and valid.* *Clinical Orthopaedics and Related Research.* 2008; 21:18.
- **Bottros J, Klika A, Lee H, Polousky J, Barsoum W.** *The Use of Navigation in Total Knee Arthroplasty for Patients With Extra-Articular Deformity.* *Journal of Arthroplasty.* 2008; 23:1.
- **Barsoum W, Bottros J, Dombrowski M, Higuera C.** *Novel uses of Computer Assisted Navigation in Total Knee Arthroplasty.* 24th Annual Meeting Mid-American Orthopaedic Association. San Antonio, TX 2006.
- **Bottros J, Gad B, Krebs V, Barsoum W.** *Gap balancing in total knee arthroplasty.* *Journal of Arthroplasty.* 2006; 21:4.
- **Barsoum W, Bottros J.** *ProFemur™ Modular and LINEAGE® Ceramic on Ceramic Total Hip Systems: A Long Term Answer to Osteonecrosis in the Young Patient.* Wright Medical, White Paper 2002.

INVITED LECTURES

- **Bottros J, Barsoum W.** Intraoperative Fracture During Total Knee Arthroplasty. 8th Biennial International Society of Arthroscopy Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) 2011, Rio de Janeiro, Brazil: Invited Lecture, General Session
- **Bottros J, Colbrunn R, van den Bogert A, Barsoum W.** Robotic modeling of stability in Total Hip Arthroplasty. 3rd Annual International Arthroplasty Conference 2010, Sharm El Sheikh, Egypt: Invited Lecture, Breakout Session

MANUSCRIPTS IN PROCESS

- **Bottros J, Butler R, Colbrunn R, van den Bogert A, Barsoum W.** Role of the Soft Tissue in Impingement and Dislocation of Femoral Head Resurfacing versus Total Hip Arthroplasty Using a Novel Cadaveric Robotics Model. 2011
- **Sporer S, Michael A, Hulst J, Bottros J, Moric M, Paprosky W,** The Technique of Acetabular Distraction For the Reconstruction of Severe Acetabular Defects with An Associated Chronic Pelvic Discontinuity. 2011
- **Michael A, Puri R, Smit M, Bottros J, Jacobs J, Sporer S.** Premature Failure At Short Term Follow Up of A Primary Total Hip Arthroplasty Using A Modular Femoral Trunion. 2011
- **Bottros J, Murray T, Styron J, Bloomfield M, Barsoum W** Chapter 8: Principles and Tenants of Reconstruction in Revision TKA: A step-by-step approach to revision arthroplasty. *Fundamentals of Revision Knee Arthroplasty (Jacofsky/Hedley: 2011)*

AWARDS

2011: Mid-American Orthopaedic Association Education Grant

APPOINTMENTS

2009-2011: Clinical Instructor of Surgery, Cleveland Clinic Lerner College of Medicine of Case Western University

- Department of Anatomy under Dr. Richard Drake, PhD; Director of Anatomy and Professor of Surgery

MEDICAL LICENSURE

- 2011-Present: Illinois Physician License # 036-128556

PROFESSIONAL MEMBERSHIPS

- 2011: International Society of Arthroscopy Knee Surgery and Orthopaedic Sports Medicine (ISAKOS)
- 2011: Orthopaedic Research Society
- 2005-Present: American Association of Orthopedic Surgeons
- 2001-Present: American Medical Society
- 2001-2005: Onondaga County Medical Society

INTERESTS

- 2001-2011: Soccer Coach U10; Player, Indoor Soccer League
- Summer 2000: Georgetown University Study Abroad Program in Australian History
- Travel: Eastern and Western Europe, Northern and Southern Africa, Australia, South America
- Certified PADI Scuba Diver, rock climbing, mountain biking, hiking, cross fit, sprint triathlons

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