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## **Benjamin William Sears, MD**

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### ***Employment***

2014-current      WESTERN ORTHOPAEDICS  
ORTHOPAEDIC SURGEON  
DENVER, COLORADO

2011-2014      SYNERGY ORTHOPAEDICS  
ORTHOPAEDIC SURGEON  
ST ANTHONY'S NORTH HOSPITAL  
WESTMINISTER, COLORADO

### ***Education***

2010-2011      THOMAS JEFFERSON UNIVERSITY HOSPITAL, PHILADELPHIA  
FELLOW – DEPARTMENT OF SHOULDER AND ELBOW  
Advanced training specializing in surgical procedures involving  
reconstruction, arthroplasty and arthroscopy for disorders and injuries of  
the shoulder and elbow. Faculty: Gerald Williams MD, Matthew Ramsey  
MD, Mark Lazarus MD, John Fenlin, MD, Barbara Frieman MD, and  
Charles Getz MD.

2011 (SEPT. 12-21)      CHARLES M. SCHWARTZ TRAVELING FELLOW AWARD  
Advanced elbow surgical training with Dr. Graham King MD  
(observational)  
University of Western Ontario  
London, Ontario Canada

2011 (AUG. 7-19)      TRAVELING FELLOW  
Advanced elbow surgical training with Dr. Bernard Morrey, MD  
(observational)  
Mayo Clinic  
Rochester, Minnesota

2005-2010      LOYOLA UNIVERSITY MEDICAL CENTER, CHICAGO  
RESIDENT - DEPARTMENT OF ORTHOPAEDICS  
MAYWOOD, ILLINOIS

2001-2005      LOYOLA UNIVERSITY MEDICAL CENTER, CHICAGO  
STRICTH SCHOOL OF MEDICINE  
MAYWOOD, ILLINOIS  
Doctor of Medicine  
Graduated in top third of the 2005 class

2000-2001      TULANE UNIVERSITY

NEW ORLEANS, LOUISIANA  
Master of Science: Pharmacology  
*Thesis title: The Effects of N-Acetylcysteine on the Cardiovascular Responses in the Rat*

1995-2000                      COLORADO STATE UNIVERSITY  
FORT COLLINS, COLORADO  
Bachelor of Science: Zoology  
Minor: Nutrition

1999                              UNIVERSITY COLLEGE OF LONDON  
LONDON, ENGLAND  
Semester study abroad program

### ***Leadership***

Co-director Western Orthopaedic Shoulder and Elbow Fellowship  
Orthopaedic Trauma Liaison St. Joseph Hospital, Denver CO  
Co-director Phoenix Shoulder and Elbow Society meeting, Colorado Springs, CO 2022  
Current President of the Phoenix Shoulder and Elbow Society

### ***Society Memberships***

ASES Shoulder and Elbow Society Associate Member (2016)  
ABOS Board Certified Orthopaedic Surgeon (2013)

### ***Industry Affiliation***

Consultant and designer: ***United Orthopaedic Corporation***  
Consultant and designer: ***Aevumed, Inc.***  
Consultant and designer: ***Shoulder Innovations***  
Research Funding: ***Arthrex, Inc., Exactech, Stryker, FX***

### ***Research and Publications***

Journal of Shoulder and Elbow Surgery (JSES): *Reviewer*  
Orthopedics: *Reviewer*  
Advances in Orthopaedics (AO): *Reviewer*

### **Peer reviewed Journal Articles: Published or Submitted**

1. “Clinical and Radiographic Outcomes Following Anatomic Total Shoulder Arthroplasty Utilizing an Inset Glenoid Component at 2-Year Minimum Follow-Up: A Dual Center Study.”  
Johnston PS, Strony JT, Churchill JL, Kankaria R, **Sears BW**, Garrigues GE, Gillespie RJ.  
*J Shoulder Elbow Surg.* 2022 Dec 27:S1058-2746(22)00916-8.
2. “Patient reported outcomes and ranges of motion after reverse total shoulder arthroplasty with and without subscapularis repair.”  
Oak SR, Kobayashi E, Gagnier J, Denard PJ, **Sears BW**, Gobezie R, Lederman E, Werner BC, Bedi A, Miller BS.

*JSES Int.* 2022 Aug 10;6(6):923-928.

3. "Surgeon variation in glenoid bone reconstruction procedures for shoulder instability."  
Menendez ME, Sudah SY, Denard PJ; PacWest Shoulder Study Group.  
*J Shoulder Elbow Surg.* 2023 Jan;32(1):133-140. doi: 10.1016/j.jse.2022.09.001.
4. "Stemless components lead to improved radiographic restoration of humeral head anatomy compared with short-stemmed components in total shoulder arthroplasty."  
**Sears BW**, Creighton RA, Denard PJ, Griffin JW, Lichtenberg S, Lederman ES, Werner BC.  
*J Shoulder Elbow Surg.* 2023 Feb;32(2):240-246. doi: 10.1016/j.jse.2022.07.024. Epub 2022 Sep 15. PMID: 36115615
5. "A Comparison of Central Screw versus Post for Glenoid Baseplate Fixation in Reverse Shoulder Arthroplasty Using a Lateralized Glenoid Design."  
Bercik MJ, Werner BC, **Sears BW**, Gobezie R, Lederman E, Denard PJ.  
*J Clin Med.* 2022 Jun 29;11(13):3763. doi: 10.3390/jcm11133763.
6. "Early clinical and radiographic outcomes of anatomic total shoulder arthroplasty with a biconvex posterior augmented glenoid for patients with posterior glenoid erosion: minimum 2-year follow-up."  
Garrigues GE, Quigley RJ, Johnston PS, Spencer E, Walch G, Neyton L, Kelly J, Schrupf M, Gillespie R, **Sears BW**, Hatzidakis AM, Lau B; PerFORM Investigators.  
*J Shoulder Elbow Surg.* 2022 Aug;31(8):1729-1737. doi: 10.1016/j.jse.2021.12.047.
7. "A comprehensive evaluation of the association of radiographic measures of lateralization on clinical outcomes following reverse total shoulder arthroplasty."  
Erickson BJ, Werner BC, Griffin JW, Gobezie R, Lederman E, **Sears BW**, Bents E, Denard PJ.  
*J Shoulder Elbow Surg.* 2022 May;31(5):963-970. doi: 10.1016/j.jse.2021.10.010.
8. "Osseous changes following reverse total shoulder arthroplasty combined with latissimus dorsi transfer: A Case Series"  
Klein JS, MD, Johnston PJ, **Sears BW**, Patel MS, Hatzidakis AM, MD, Lazarus ML.  
*Journal of Shoulder and Elbow International*, 2020 Oct 14;4(4):964-968.
9. "Anatomic Evaluation of Radiographic Landmarks for Accurate Antegrade Intramedullary Nail Placement in the Humerus"  
Johnston PJ, Hatzidakis AM, **Sears BW**  
*Journal of Shoulder and Elbow International*, 2020 Jul 15;4(4):745-752.
10. "Outcomes Following Open Reduction Internal Fixation of Extraarticular or Simple Articular Distal Humerus Fractures in Patients over 75 Years of Age"  
**Sears BW**, Sungelo M, Bader JE, Hatzidakis AM, Getz CL  
*Acta of Shoulder and Elbow Surgery*, January-June 2020; 4(1):2-6.

11. Operative duration-based learning period analysis for reverse and total shoulder arthroplasty: a multicenter study”  
Testa EJ, Lowe JT, Namdari S, Gillespie R, **Sears BW**, Johnston PS, Rothman Institute Shoulder Consortium Group, The Association of Shoulder Surgeons, Jawa A.  
Shoulder and Elbow, 2020 Dec;12(1 Suppl):23-30.
  
5. “Eclipse Stemless Shoulder Prosthesis versus Unvers II Shoulder Prosthesis: A Multicenter, Prospective Randomized Controlled Trial.”  
Romeo AA, Erickson BJ, Costouros J, Long N, Klassen J, Araghi A, Brown J, Setter K, Port J, Tyndall W, Verma NN, **Sears BW**, Brandon TA, Smith M, McFadden E, Patterson P, Stein J, Cohen B, Abboud J.  
J Shoulder Elbow Surg, 2020 Jul 21:S1058-2746(20)30568-1.
  
6. “Intramedullary Nailing for Proximal Humerus Fractures.”  
**Sears BW**, Hatzidakis AM, Johnston PJ.  
J Am Acad Orthop Surg., 2020 May 1;28(9):e374-e383.
  
7. “Intramedullary Nailing of the Proximal Humerus – Not just for 2-Part Fractures”  
**Sears BW**, Johnston PJ, Garrigues GE, Boileau P, Hatzidakis AM  
Annals of Joint, 2020 5:32.
  
8. “Delayed Radial Nerve Injury from a Brachial Artery Pseudoaneurysm Following Surgical Neck Fracture of the Humerus”  
Sungelo M and **Sears BW**  
JBJS Case Connect, 2019 Jul-Sep;9(3):e0165. doi: 10.2106/JBJS.CC.18.00165.
  
9. “Traumatic Divergent Elbow Dislocation with Associated Forearm Amputation in an Adult”  
Greene RM, Bader JE, Mauter L, **Sears BW**, Tirre CJ, Hatzidakis AM.  
JBJS Case Connect, 2018 Oct-Dec;8(4):e92-5.
  
10. “Case Description with Surgical Treatment and Review of the Literature – Snapping Brachialis Syndrome”  
**Sears BW** and Hatzadakis AM  
Submitted for publication and in review. Asian Journal of Hand Surgery
  
11. “A Study to Derive Formulae for Calculating the Dimensions of Anatomically Shaped Prosthetic Humeral Heads”  
Humphrey CS, **Sears BW**, Curtin MJ  
Journal of Shoulder and Elbow Surgery, 2016 Sep;25(9):1532-41.
  
12. “Perioperative Rotator Cuff Injury and Disease with Anatomic Total Shoulder Arthroplasty”  
**Sears BW**  
Techniques in Orthopaedics, 31:2016: 108-113.

13. "Neurocognitive Deficits and Cerebral Desaturation During Shoulder Arthroscopy with Patient in Beach Chair Position: A review of the Current Literature  
Salazar D, Hazel A, Tauchen AJ, **Sears BW**, Marra G.  
*The American Journal of Orthopaedics*, 2016;45(3):E63-E68.
14. "Clinical Outcomes in Patients Undergoing Revision Rotator Cuff Repair with Extracellular Matrix Augmentation "  
**Sears BW**, Choo A, Yu A, Greis A, Lazarus ML  
*Orthopedics*, April 2015 - Volume 38 · Issue 4: e292-e296
15. "Biomechanical studies: science (f)or common sense?"  
Mellema JJ, Multiple authors including **Sears BW**  
*Injury*. 2014 Dec;45(12):2035-9. doi: 10.1016/j.injury.2014.09.014.
16. "The Effect of Head and Neck Positioning on Cerebral Perfusion During Shoulder Arthroscopy in the Beach Chair Position"  
Salazar D, **Sears BW**, Aghdasi B, Only A, Francois A, Tonino P, Marra G  
*Journal of Orthopedic Surgical Advances* 2014 Summer;23(2):83-9.
17. "Evaluation and Management of Adult Elbow Dislocations in the Emergency Department."  
**Sears BW** and Spear LM  
*Emergency Medicine Open Access* 4:175. doi: 10.4172/2165-7548.1000175
18. "Fixation of Unstable Type II Clavicle Fractures with Fracture Specific Plating and Endobutton"  
Johnston PJ, **Sears BW**, Lazarus ML, Frieman B  
*Journal of Orthopaedic Trauma*, 2014 Nov;28(11):e269-72. doi: 10.1097/BOT.0000000000000081.
19. "Scapula fractures: interobserver reliability of classification and treatment."  
Multiple authors including **Sears BW**  
*Journal of Orthopaedic Trauma*, 2014 Mar;28(3):124-9. doi: 10.1097/BOT.0b013e31829673e2.
20. "Cerebral Desaturation During Shoulder Arthroscopy: A Prospective Cohort Study"  
Salazar D, **Sears BW**, Aghdasi B, Only A, Francois A, Tonino P, Marra G  
*Clinical Orthopaedics and Related Research*, 2013 Dec;471(12):4027-34. doi: 10.1007/s11999-013-2987-6. Epub 2013 Apr 19.
21. "Cerebral Desaturation Events During Shoulder Arthroscopy in the Beach Chair Position: Patient Risk Factors and Neurocognitive Effects"  
Salazar D, **Sears BW**, Aghdasi B, Only A, Francois A, Tonino P, Marra G  
*Journal of Shoulder and Elbow Surgery*. 2013 Sep;22(9):1228-35. doi: 10.1016/j.jse.2012.12.036. Epub 2013 Feb 15.

22. "Evaluation and Management of Post-Traumatic Elbow Arthritis in the Young Adult"  
**Sears BW**, Puskas GF, Morrey ME, Sanchez-Sotelo J, Morrey BF  
*J Am Acad Orthop Surg*. 2012 Nov;20(11):704-14.
23. "Reefing Procedure for Elbow Lateral Collateral Ligament Attenuation during Repair: Technique and Case Series"  
**Sears BW**, Garrigues GE, Witmer D, Ramsey ML.  
*Shoulder and Elbow*. 2012 Oct;4(4):277-281
24. "Evaluation and Management of Glenoid Bone Loss in Primary Total Shoulder Arthroplasty"  
**Sears BW**, Johnston PL, Ramsey ML, Williams GR  
*J Am Acad Orthop Surg*. 2012 Sep;20(9):604-613.
25. "Case Report – Arthroscopically Assisted Percutaneous Fixation and Bone Grafting of a Glenoid Fossa Fracture Non-Union"  
**Sears BW** and Lazarus ML  
*Orthopedics*. 2012 Aug 1;35(8):e1279-82.
26. "Humeral Fracture following Subpectoral Biceps Tenodesis in two Active, Healthy Patients"  
**Sears BW**, Spencer EE, Getz CL  
*Journal of Shoulder and Elbow Surgery* 2011 Sep;20(6):e7-e11.
27. "Antioxidant Therapy Attenuates Deficient Bone Fracture Repair Associated with Binge Alcohol Exposure"  
Volkmer D, **Sears B**, Lauring K, Nauer B, Roper P, Yong S, Stover MD, Callaci JJ  
*Journal of Orthopaedic Trauma*. 2011 Aug;25(8):516-21
28. "Binge Alcohol Exposure Modulates Rodent Expression of Biomarkers of the Immunoinflammatory Response to Orthopaedic Trauma"  
**Sears BW**, Volkmer D, Yong S, Lauring K, Himes R, Morgan MO, Stover MD, Callaci JJ  
*Journal of Bone and Joint Surgery, American* 2011 Apr;93(8):739-49.
29. "Correlation of Levels of Measurable Serum and Lung Inflammatory Markers Following Orthopaedic Trauma "  
**Sears BW**, Volkmer D, Yong S, Lauring K, Himes R, Morgan MO, Stover MD, Callaci JJ  
*Journal of Inflammation Research* Aug 2010(3):105-114.
30. "Variation of Tension in the Long Head of the Biceps Tendon as a Function of Limb Position"  
Gramstad GG, **Sears BW**, Marra G  
*International Journal of Shoulder Surgery* 2010 Vol 4 (1):8-14.
31. "Cauda Equina Syndrome in an 11-month-old Infant Following Sacrococcygeal Teratoma Tumor Resection and Coccyx Excision. A Case Report"

**Sears BW**, Gramstad G, Ghanayem A  
*Spine (Phila Pa 1976)*. 2010 Jan 1;35(1):E22-4.

32. "Pathoanatomy and Clinical Correlates of the Immuno-Inflammatory Response following Orthopaedic Trauma."  
**Sears BW**, Stover MD, Callaci JJ  
*J Am Acad Orthop Surg*. 2009 Apr;17(4):255-65.
33. "Clinician vs. mathematical statistical models: which is better at predicting an abnormal chest radiograph finding in injured patients?"  
Dillard E, Luchette FA, **Sears BW**, Norton J, Schermer CR, Reed RL, Gamelli RL, Esposito TJ.  
*Am J Emerg Med*. 2007 Sep;25(7):823-30
34. "Reasons to Omit Digital Rectal Exam in Trauma Patients: No Fingers, No Rectum, No Useful Additional Information."  
Esposito TJ, Ingranam A, Luchette FA, **Sears BW**, Santaniello J, Davis KA, Poulakidas SJ, Gamelli RL.  
*Journal of Trauma* 2005 Dec;59(6):1314-9.
35. "Old Fashion Clinical Judgement in the Era of Protocols: is Mandatory Chest X-Ray Necessary in Trauma Patients?"  
**Sears BW**, Luchette FA, Esposito TJ, Dickson EL, Grant M, Santaniello J, Jodlowski C, Davis KA, Poulakidas SJ, Gamelli RL  
*Journal of Trauma* 2005 Aug;59(2):324-30; discussion 330-2.
36. "Role of Potassium-Channels in the Nitric Oxide-Independent Vasodilator Response to Acetylcholine"  
Dabisch PA, Liles JT, Taylor JT, **Sears BW**, Saenz R, Kadowitz PJ  
*Pharmacological Research* 2004 Mar;49(3):207-15.
37. "Responses to Bradykinin are Mediated by NO-Independent Mechanisms in the Rat Hind Limb Vascular Bed"  
Dabisch PA, Kerut EK, Liles JT, Wien G, Smith M, Patterson M, McCoul ED, **Sears BW**, Saenz R, Kadowitz PJ.  
*Pharmacology Research* 2004 Dec;50(6):575-84.

#### **Non-Peer Reviewed Journal Publications**

1. "Orthopaedics in Ho Chi Minh City: A Lesson in Perspective"  
**Sears BW**  
*Loyola University Department of Orthopaedic Surgery and Rehabilitation Journal*.  
Volume XVII. 2008
2. "Case study – Inability to Bear Weight"  
**Sears BW**  
*Loyola University Department of Orthopaedic Surgery and Rehabilitation Journal*.  
Volume XVII. 2008

3. “The Immuno-Inflammatory Response Following Orthopaedic Trauma: Current Concepts and Future Directions.”  
**Sears BW**, Stover M, Callaci JJ.  
*Loyola University Department of Orthopaedic Surgery and Rehabilitation Journal.*  
*Volume XVI. 2007*

#### **Full Texts and Chapters**

1. “ORIF Proximal Humerus Fractures with Intramedullary Fixation”  
Hatzidakis AM and **Sears BW**  
*Chapter 28, Skeletal Trauma of the Upper Extremity*
2. “Humeral Shaft Fixation with Intramedullary Nailing”  
**Sears BW** and Hatzidakis AM  
*Chapter 35, Skeletal Trauma of the Upper Extremity*
3. “Posttraumatic Elbow Osteoarthritis”  
**Sears BW** and Sanchez-Sotolo, J  
*Chapter 51 in Section 7: Pathologic Conditions of the Elbow*  
*Morrey’s The Elbow and Its Disorders, 5th edition*
4. “Arthroplasty for Sequelae of Proximal Humeral Fractures”  
Hatzidakis AM and **Sears BW**  
*Chapter 30, Orthopaedic Knowledge Update (OKU), Shoulder and Elbow Surgery Update (2020)*
5. “Arthroplasty for Sequelae of Proximal Humeral Fractures”  
Hatzidakis AM and **Sears BW**  
*Chapter 33, Orthopaedic Knowledge Update (OKU), Shoulder and Elbow Surgery*  
*Volume 4 (2013)*
6. “Hardcore Microbiology and Immunology for USMLE Step 1”  
**Sears BW**, Spear L, Saenz R  
*Lippincott Williams & Wilkins, March 2006*
7. “Hardcore Pharmacology for USMLE Step 1”  
Saenz R, **Sears BW**, Dabisch PA  
*Lippincott Williams & Wilkins, March 2006*
8. “Hardcore Neuroscience for USMLE Step 1”  
Wang K and Mukhtar R. Series Editors: **Sears BW** and Saenz R.  
*Lippincott Williams & Wilkins, March 2006*
9. “Hardcore Pathology for USMLE Step 1”  
Wahl C. Series Editors: **Sears BW** and Saenz R.  
*Lippincott Williams & Wilkins, March 2006*



## Book Reviewer

1. "Blueprints USMLE Step 2 Clinical Skills Review." Blackwell Publishing, PA.  
*Blackwell Publishing, March 2005*

## Presentation of Research at Meetings

1. "Midterm ( $\geq 48$  month) clinical and radiographic outcomes of anatomic total shoulder arthroplasty with a partially cemented all polyethylene glenoid component"  
**Sears BW**, Khazzam, M, Kelly J, Christensen R, Bader JE, Mauter L, Hatzidakis AM.  
*Podium presentation at ASES 2020*
2. "Osseous Changes Following Reverse Total Shoulder Arthroplasty Combined with Latissimus Dorsi Transfer: A Proposed Classification System"  
Klein JS, Johnston PJ, **Sears BW**, Hatzidakis AM, Lazarus MD  
*Poster Presentation at the 2018 American Society for Shoulder and Elbow Surgeons (ASES), Chicago, IL*
3. "Short Term Outcomes After Biologic Resurfacing Shoulder Arthroplasty for The Young And/Or Active Patient"  
**Sears BW**, Hawkes T, Hatzidakis AM.  
*Poster Presentation at the 2018 American Society for Shoulder and Elbow Surgeons (ASES), Chicago, IL*  
*Podium Presentation at the 2016 American Academy of Orthopaedic Surgeons (AAOS) meeting, Orlando, FL (by Hatzidakis)*  
*Poster Presentation at the 2015 American Academy of Orthopaedic Surgeons (AAOS) meeting, Las Vegas NV.*
4. "Neurocognitive Deficits and Cerebral Desaturation During Shoulder Arthroscopy in The Beach Chair: A Systemic Review"  
Salazar D, Hazel A, **Sears BW**, Guo R, Marra G  
*Poster presentation at the 54th Annual Meeting of the Society of Military Orthopaedic Surgeons, 2013*
5. "Investigation of Cerebral Desaturation Events during Shoulder Arthroscopy in the Beach Chair Position"  
Salazar D, **Sears BW**, Aghdasi B, Only A, Francois A, Tonino P, Marra G  
*Podium presentation at the American Shoulder and Elbow Society Closed Meeting (by Marra), 2012*
6. "The Effect of Head and Neck Positioning on Cerebral Perfusion during Shoulder Arthroscopy in the Beach Chair Position"  
Salazar D, **Sears BW**, Aghdasi B, Only A, Francois A, Tonino P, Marra G  
*Podium presentation at the Society of Military Orthopedic Surgeons Annual Meeting (by Salazar), 2012*
7. "Investigation of Cerebral Desaturation Events During Shoulder Arthroscopy in the Beach Chair Position"

Salazar D, **Sears BW**, Aghdasi B, Only A, Francois A, Tonino P, Marra G  
*Poster presentation at the American Annual Meeting of the American Academy of Orthopaedic Surgeons, 2012*

8. "Outcome of Revision Rotator Cuff Repair with Extracellular Matrix Augmentation. A Preliminary Report"  
**Sears BW**, Yu A, Gillepsie R, Lazarus ML  
*Podium presentation at the 51<sup>st</sup> Annual, Jefferson Orthopaedic Society Meeting, 2011*
9. "Effects of Binge Alcohol Consumption and Anti-Oxidant Therapy on Healing of Femur Fractures in a Rat Model"  
Volkmer D, **Sears BW**, Himes R, Lauing K, Stover MD, Yong S, Callaci JJ  
*Podium presentation at the Annual Meeting of the Orthopaedic Trauma Society (by Volkmer), 2010*
10. "The Influence of Alcohol Binge on Serum and Lung Markers of the Immuno-Inflammatory Response Following Orthopaedic Trauma"  
**Sears BW**, Laurant K, Himes R, Morgan M, Favre E, Stover MD, Callaci JJ  
*Accepted as a podium presentation at the American Annual Meeting of the American Academy of Orthopaedic Surgeons, 2009*  
*Accepted as a podium presentation at the Sixty-First Annual Meeting of the Association of Bone and Joint Surgeons, 2009 (by Stover)*  
*Accepted as a poster presentation: Orthopaedic Research Society, 2009*  
*Accepted as a poster presentation: Mid-America Orthopaedic Association, 2009*
11. "Correlation of Levels of Measurable Serum and Lung Inflammatory Markers Following Orthopaedic Trauma"  
**Sears BW**, Laurant K, Himes R, Morgan M, Favre E, Stover MD, Callaci JJ  
*Accepted as a poster presentation: Mid-America Orthopaedic Association, 2009*
12. "Global gene expression profiles of injured and corticosteroid-treated rotator cuff tendons reveal overlapping patterns of response"  
Wei AS, **Sears BW**, Juknelis D, Tonino P, Wezeman FH, Callaci JJ  
*Accepted as poster presentation: Orthopaedic Research Society, 2007*  
*Accepted as poster presentation: Mid-America Orthopaedic Association, 2007*
13. "Efficacy of Mandatory Chest X-ray in Blunt Trauma Patients"  
**Sears BW**, Luchette FA, Esposito TJ, Dickson EL, Grant M, Santaniello J, Jodlowski C, Davis KA, Poulakidas SJ, Gamelli RL  
*Accepted as poster presentation: American Association for the Surgery of Trauma (AAST), 2004 (by Luchette)*  
*Accepted as poster presentation: 25<sup>th</sup> Annual St. Albert's Research Day, Loyola Stritch School of Medicine, 2004*
14. "Reasons to Omit Digital Rectal Exam in Trauma Patients: No Fingers, No Rectum, No Useful Additional Information."  
Esposito TJ, Ingranam A, Luchette FA, **Sears BW**, Santaniello J, Davis KA, Poulakidas SJ, Gamelli RL.  
*Accepted as poster presentation: Western Trauma Association, 2004 (by Esposito)*

15. "Tension in the Long Head of the Biceps Tendon as a Function of Limb Position"  
**Gramstad G, Sears BW, Marra G**  
*Accepted as poster presentation: American 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, 2003*  
*Accepted as poster presentation: St. Luke's - Stritch School of Medicine Research Day, 2002*
16. "Vasodepressor Responses to Acetylcholine Are Not Entirely Mediated by Nitric Oxide."  
**Dabisch PA, Bravo MA, Bivalacqua TJ, Sears BW, McNamara DB, Kadowitz PJ**  
*Accepted as poster presentation: Federation of American Societies for Experimental Biology (FASEB), 2001*

#### **Conference Faculty**

1. AANA/ASES Arthroscopic and Open Shoulder Online Course  
2020
2. Snowmass 9th Annual Upper Extremity Tutorial  
2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020
3. Rocky Mountain Shoulder and Elbow Society Meeting  
2013

#### **Presentations**

1. "Proximal Humerus Fractures: When and How to Nail."  
2020 AANA/ASES Arthroscopic and Open Shoulder Online Course
2. "Proximal Humeral Fracture Fixation Options"  
2018, 2019 Snowmass Annual Upper Extremity Tutorial
3. "What's new with the Subscapularis?"  
2017 Snowmass 13<sup>th</sup> Annual Upper Extremity Tutorial
4. "How to Address the B2 Glenoid?"  
2017 Snowmass 13<sup>th</sup> Annual Upper Extremity Tutorial
5. "Grade III AC Joint Separation: To Fix or Not, that is the Question"  
2016 Snowmass 12<sup>th</sup> Annual Upper Extremity Tutorial
6. "Irreparable Cuff Tear: Arthroscopic Management"  
2016 Snowmass 12<sup>th</sup> Annual Upper Extremity Tutorial
7. "Grade III A-C Joint Separation in an Overhead Athlete - Operative Management"  
2013 Snowmass 9th Annual Upper Extremity Tutorial  
2014 Snowmass 10<sup>th</sup> Annual Upper Extremity Tutorial  
2015 Snowmass 11<sup>th</sup> Annual Upper Extremity Tutorial

8. "19-Year Old Scholarship Lacrosse Player, First-Time Traumatic Anterior Dislocation; No Fracture-Non-Operative Management"  
*2013 Snowmass 9th Annual Upper Extremity Tutorial*
9. "74-Year Old with Displaced Surgical Neck Humerus Fracture -Suture Fixation"  
*2013 Snowmass 9th Annual Upper Extremity Tutorial*  
*2014 Snowmass 10<sup>th</sup> Annual Upper Extremity Tutorial*  
*2015 Snowmass 11<sup>th</sup> Annual Upper Extremity Tutorial*
10. "Pitfalls in Elbow Trauma"  
*2013 Rocky Mountain Shoulder and Elbow Society Meeting, Beaver Creek, CO*
11. "Total Elbow Arthroplasty: Complications and Results"  
*Department of Shoulder and Elbow Surgery, Thomas Jefferson University Medical Center, Shoulder and Elbow Conference, April 2011*
12. "Bone Deficiency of the Glenoid: Considerations in Total Shoulder Arthroplasty"  
*University of Colorado Medical Center, Grand Round, March 2011*
13. "Total Shoulder Arthroplasty: Current Design Rational"  
*Department of Shoulder and Elbow Surgery, Thomas Jefferson University Medical Center, Shoulder and Elbow Conference, January 2011*
14. "Binge Alcohol Exposure Modulates the Expression of Biomarkers of the Immuno-Inflammatory Response to Orthopaedic Trauma"  
*Senior Thesis Day, Loyola Department of Orthopaedics, June 2010*
15. "Glenohumeral Arthritis in the Young and Active Adult"  
*Department of Orthopaedic Surgery Grand Rounds, Loyola University Medical Center, 2010*
16. "Subacromial Impingement Syndrome of the Shoulder"  
*Department of Orthopaedic Surgery Grand Rounds, Loyola University Medical Center, 2009*
17. "The Influence of Alcohol Binge on Serum and Lung Markers of the Immuno-Inflammatory Response Following Orthopaedic Trauma"  
*Seminar Series, Burn, Shock and Trauma Institute, Loyola University Medical Center, 2009*
18. "Orthopaedics in Ho Chi Minh City: A Lesson in Perspective"  
*Senior Thesis Day, Loyola Department of Orthopaedics, 2008*
19. "Case study – Inability to Bear Weight"  
*Senior Thesis Day, Loyola Department of Orthopaedics, 2007*

20. "Efficacy of Mandatory Chest X-ray in Blunt Trauma Patients"  
*Department of General Surgery Grand Rounds, Loyola University Medical Center, 2004*

### **Honors & Awards**

- 2010 CHARLES M. SCHWARTZ TRAVELING FELLOW AWARD  
 Loyola University Medical Center, Stritch School of Medicine  
 Department of Orthopaedic Surgery and Rehabilitation  
 Advanced elbow surgical training with Dr. Graham King MD  
 (observational) University of Western Ontario, London, Ontario Canada (September 12-21, 2011)
- 2010 CERTIFICATE OF EXCELLENCE IN RESEARCH  
 Loyola University Medical Center, Stritch School of Medicine  
 Department of Orthopaedic Surgery and Rehabilitation  
 For published manuscripts during residency
- 2008 CHICAGO COMMITTEE ON TRAUMA, AMERICAN COLLEGE OF SURGEONS  
 First Place, Resident Trauma Paper Competition  
 Basic Science Research Category
- 2007 INNOVATIVE ORTHOPAEDIC IDEA AWARD  
 Second place, Loyola University Orthopaedic Department sponsored intra-resident competition  
 Designed and proposed a novel scapular guard to prevent scapular notching in reverse total shoulder arthroplasty
- 2001 - 2005 SURGICAL HONOR SOCIETY  
 Loyola University Medical Center, Stritch School of Medicine
- 2000 STUDENT SUMMER CANCER FELLOWSHIP  
 University of Colorado Health Sciences Center  
 Conducted research on zinc absorption and metabolism

### **Computer/Internet Education**

- "Applied Anatomy for Clinical Procedures."  
**Sears BW**, Chandrasekhar A and McNulty J  
*Part of the Lumen Computer Based Learning System, this project is designed to assist medical students apply anatomical knowledge to common clinical procedures.*

### **Extracurricular**

- 2008 ORTHOPAEDIC SERVICE TRIP - VIETNAM  
 Hospital for Traumatology and Orthopaedics  
 Ho Chi Minh City, Vietnam

2001-2005	COMMUNITY HEALTH VOLUNTEER Chicago, IL
2002	MEDICAL SERVICE TRIP - HAITI Fonds-a-Blanc and Port-au-Prince, Haiti
2000-2001	TULANE UNIVERSITY HEALTH CENTER - SUBSTANCE ABUSE CLINIC RESEARCH GRADUATE ASSISTANT New Orleans, LA
1999	INTERN – NUTRITION DEPARTMENT CENTRALMIDDLESEX HOSPITAL London, England
1998-2000	COLORADO STATE UNIVERSITY, MENS RUGBY CLUB Fort Collins, CO
1997-2000	COLORADO STATE UNIVERSITY, WORK STUDY IN PHYSICAL THERAPY DEPARTMENT Fort Collins, CO

***Personal***

Hobbies include spending time with family, skiing, exercising, drinking good whiskey and reading for pleasure.