

CURRICULUM VITAE FOR CWRU SCHOOL OF MEDICINE

MARCH 2, 2022

PERSONAL INFORMATION

Name: Bafus, Blaine Todd

Education

School: University of Washington, Seattle WA
Degree: BS Cell & Molecular Biology
Dates: 6/1996-6/1998

School: Oregon Health & Science University, Portland OR
Degree: MD
Dates: 8/1998-6/2003

Post-Graduate Training

Institution: University of Michigan, Ann Arbor MI
Position: Orthopaedic Surgery Resident
Dates: 7/2003-6/2008

Institution: Cleveland Clinic Foundation, Cleveland OH
Position: Hand Surgery Fellow
Dates: 8/2011-7/2012

Contact Information

Office Address: 2500 MetroHealth Dr, Cleveland OH 44109
Office Phone: 216 778 8767
Facsimile: 216 778 4690

PROFESSIONAL APPOINTMENTS

Position/Rank: Chief, Orthopaedic Hand Surgery
Institution/Department: Louis Stokes Cleveland VA Medical Center/Dept of Orthopaedic Surgery
Dates: 10/2012-present

Position/Rank: Hand and Upper Extremity Surgeon
Institution/Department: MetroHealth Medical Center/Department of Orthopaedic Surgery
Dates: 9/2012-present

Position/Rank: Orthopaedic Surgeon/Major
Institution/Department: David Grand Medical Center/ Department of Orthopaedic Surgery
Dates: 8/2008-7/2011

Positions/Rank: Orthopaedic Surgeon/Major
Institutions/Department: United States Air Force Theater Hospital Iraq
Dates: 10/2010-5/2011

ACADEMIC APPOINTMENTS

Position/Rank: Associate Professor of Orthopaedic Surgery
Institution/Department: Case Western Reserve School of Medicine/ Dept of Orthopaedic Surgery
Dates: 9/2012-present
Position/Rank: Faculty

Institution/Department: Cleveland Combined Hand Surgery Fellowship
Dates: 9/2012-present

CERTIFICATION AND LICENSURE

Name of Board: American Board of Orthopaedic Surgery
Date of Certificate: 7/23/2010, 1/1/2020
Licensure State/Number:
Date Issued: 2010

Name of Board: American Board of Orthopaedic Surgery-Surgery of the Hand
Date of Certificate: 9/8/2016, 1/1/2020
Licensure State/Number:
Date Issued: 2016

Name of Board: Ohio State Medical Board
Date of Certificate: Current
Licensure State/Number: 35.098031
Date Issued: 2011

Name of Board: State of Michigan Medical Board
Date of Certificate: Current
Licensure State/Number: 4301082396
Date Issued: 2007

HONORS AND AWARDS

1991-2011 United States Air Force (abbreviated):

Air Force Meritorious Service Medal

Air Force Achievement Medal

Armed Forces Expeditionary Medal for participation in Operation Uphold Democracy, Haiti

Southwest Asia Service Medal (1 Star) for participation in Operations Southern Watch, Persian Gulf, and
Operation New Dawn, Iraq

Iraq Campaign Medal (1 star) for service in the Iraq Combat Zone

Global War on Terrorism Expeditionary and Service Medals for service in Iraq

Kuwait Liberation Medal (Government of Kuwait) for service in the Persian Gulf in support of the Kuwait
liberation

1996 University of Washington: *cum laude*, Phi Beta Kappa, President's List

2015 American Society for Surgery of the Hand 70th Annual Meeting Top Eight Paper

2016 Case Western Reserve University Orthopaedic Surgery Educator of the Year

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Academy of Orthopaedic Surgery 2008-present, member

American Society for Surgery of the Hand 2011-present, member

AO North America 2014-present, faculty

Ohio Orthopaedic Society 2014-present, member

PROFESSIONAL SERVICES

Journal Reviewer

Journal: Clinical Orthopaedics and Related Research

Dates of Service: 2012-present

Journal: Journal of Orthopaedic Trauma

Dates of Service: 2016-present

Journal: Journal of Medical Insight

Dates of Service: 2020-present

Journal of Operative Techniques in Orthopedics
Editorial Board Member
Dates of Service: 2021-present

COMMITTEE SERVICE

National

Organization: American Society for Surgery of the Hand
Committee Name/Role: Self-Assessment Examination Committee/member
Dates of Service: 2019-2022

Hospital Affiliate

Committee Name/Role: Clinical Quality Improvement Committee/member
Dates of Service: 2019-present

Committee Name/Role: MetroHealth Emergency Preparedness Committee/member
Dates of Service: 2012-2019

Committee Name/Role: MetroHealth Medical Staff Peer Review Committee
Dates of Service: 2020-present

Educational Committees

Committee Name/Role: Orthopaedic Surgery Clinical Competency Committee/member
Dates of Service: 2016-present

TEACHING ACTIVITIES

Presentations

Local

1. Bafus, BT, Hughes, RA, Miller, BS, Carpenter, JE. Evaluation of Utility in Shoulder Pathology: Correlating the ASES and the Constant Scores to the EuroQoL. University of Michigan Department of Orthopaedic Surgery. Ann Arbor, MI. 2008.
2. Peripheral Nerve Injuries. Resident Academic Day, Cleveland Clinic Foundation, 2011
3. Radial Head Fractures, Elbow Instability, Types and Treatment Methods. Resident Academic Day, Cleveland Clinic Foundation, 2012
4. Distal Humerus Fractures. Grand Rounds, Department of Orthopaedic Surgery, MetroHealth Medical Center, 2012
5. A Primer on Proximal Humerus Fractures. Grand Rounds, Department of Orthopaedic Surgery, MetroHealth
6. Forearm Injuries. Grand Rounds. Department of Orthopaedic Surgery, Case Western Reserve University, 2014
7. Shoulder Problems. Rheumatology Fellows Conference. Department of Internal Medicine, MetroHealth Medical Center, 2015.
8. Forearm Injuries. Grand Rounds. Department of Orthopaedic Surgery, Case Western Reserve University, 2017
9. Evaluation of Shoulder Pain. Neurosciences Grand Rounds. MetroHealth Medical Center. Cleveland, 2017
10. Forearm Fractures. Grand Rounds, Department of Orthopaedic Surgery, MetroHealth Medical Center 2019

Regional

1. Mallet Fingers and Distal Phalanx Fractures, Doctors Demystify, Cleveland Clinic Foundation, 2012
2. Phalangeal and PIP Joint Complications. AO Hand and Wrist Management Workshop, 2013
3. Outcomes from Distal Radius Fractures. AO Hand and Wrist Management Workshop, 2013
4. Osteoporotic Distal Radius Fractures. Update on Geriatric Fracture Treatment Trauma Symposium, MetroHealth Medical Center, 2014
5. Proximal Humerus and Humeral Shaft Fractures. The Cutting Edge in Upper Extremity Surgery. Cleveland Clinic Foundation. 2014
6. Managing the Mangled Hand-Digits, Digits, Digits. Northern Ohio Trauma Symposium. Cleveland, 2014
7. Surgical Considerations in the Upper Extremity Amputation. MetroHealth 8th Annual Regional Amputee Rehabilitation Course: Upper Limb Prosthetic and Orthotic Rehabilitation. Cleveland, OH 2016
8. Metacarpal Fractures. AO Trauma North America Hand and Wrist Fracture Management Workshop. Cleveland, OH 2016
9. Complex Shoulder Injuries. Northern Ohio Trauma Symposium. Cleveland, 2010
10. Dressings and Chemical Treatments. Doctors Demystify. Cleveland, 2016

National

1. Proximal Humerus Fractures. Debate with 2 Cases. AAOS/ASSH/AAHS Specialty Day. Las Vegas, NV, 2015
2. Proximal Humerus Fractures: When to Treat in Sling. AAOS/ASSH/AAHS Specialty Day. Las Vegas, NV, 2015

International

1. Bafus, BT., Wang, J., Morris, W., Liu, R. Divergence between AAOS Appropriate Use Criteria Recommendations and Actual Management of Pediatric Supracondylar Humerus Fractures at a Pediatric Level One Trauma Center. EPOSNA. Barcelona, SP. 2017

Trainees / Mentees

Cleveland Combined Hand Fellowship Fellows

1. Erica Taylor MD 2012-2013, Faculty Duke University
2. Nate Everding MD 2012-2013, private practice
3. Surbi Panchal MD 2012-2013, private practice
4. Adam Fleit MD 2013-2014, private practice
5. Abhishek Julka MD 2013-2014, Faculty Ohio State University
6. Varun Gajendran MD 2014-2015, private practice
7. Sebastian Peers MD 2014-2015, private practice
8. Mark Shreve MD 2014-2015, private practice
9. Xavier Simcock 2014-2015, Faculty Rush University. Mentored on fellow research project.
10. Simon Amsdell MD 2015-2016, private practice
11. Sergio Glait MD 2015-2016, private practice
12. Ashraf Youssef MD 2015-2016, private practice
13. Alex Bollinger MD 2016-2017, Faculty Kansas University
14. Bryan Reyes MD 2016-2017, private practice. Mentored on fellow research project.
15. Louis Grandizio DO 2016-2017, Faculty Geisinger Medical Center
16. Adrienne Lee MD 2017-2018, Faculty Case Western Reserve University. Mentored into faculty position at CRWU.
17. Fiesky Nunez Jr MD 2017-2018, private practice
18. Steven Regal MD 2017-2018, Faculty Allegheny Health Network
19. John Delaney MD 2018-2019, private practice
20. Timothy Fei MD, 2018-2019, private practice
21. Dayton Opel MD, 2018-2019, private practice. Mentored on fellow research project
22. Anil Akoon MD, 2019-2020, Faculty Geisinger Medical Center
23. David Veltre, MD, 2019-2020, private practice
24. Austin Pitcher, MD PhD, 2019-2020, private practice
25. Joanne Wang, MD, private practice
26. Shaan Patel, MD, Faculty Vanderbilt University

Residents and Medical Students

1. Kelvin Lim. Advisor on resident project and career progression into orthopaedic hand surgery
2. Michael Edgerton. Faculty on resident research project and advisor on career progression into orthopaedic hand surgery
3. James Kyriakedes. Advisor on resident projects and career progression into orthopaedic hand surgery. Awarded Top-Eight paper at 2015 ASSH Annual Meeting.
4. Joanne Wang. Advisor on several resident projects and career progression into orthopaedic hand surgery.
5. Morgan Weber. Advisor on several resident projects and career progression into orthopaedic hand surgery.
6. Elizabeth Cho. Faculty advisor on several medical student research projects and career progression into orthopaedic surgery.

Teaching Activities (e.g. lectures to trainees, teaching rotations)

(activity, time spent, date)

1. ANAT 4003M Advanced Surgical Musculoskeletal Anatomy. Dissection. 2 hrs. 2017
2. Block 5, MSK Week. Elbow, Wrist, and Hand 2017. Lecture. 2 hrs. 2017
3. ANAT 4003M Advanced Surgical Musculoskeletal Anatomy. Dissection. 2 hrs. 2018
4. ANAT 4003M Advanced Surgical Musculoskeletal Anatomy. Dissection. 2 hrs. 2019
5. ANAT 4003M Advanced Surgical Musculoskeletal Anatomy. Dissection. 2 hrs. 2020

BIBLIOGRAPHY

Peer Reviewed Articles

1. Bafus, T, Shea, M, Hart, R. Impairment of Perineal Care Functions after Long Fusions of the Lumbar Spine. *Clinical Orthopaedics and Related Research*. 2005;433:111-114.
2. Wilson, KL, Fitch, KR, Bafus, BT, Wakimoto, BT. Sperm Plasma Membrane Breakdown during *Drosophila* Fertilization Requires Sneaky, an Acrosomal Membrane Protein. *Development*. 2006;133:4871-4879.
3. Bafus, BT, Chivaruri, D, van der Velde, ME, Chu, BI, Hirshl, R, Farley, FA. Severe Hypotension Associated with the Prone Position in a Child with Scoliosis and Pectus Excavatum Undergoing Posterior Spinal Fusion. *Journal of Spinal Disorders and Techniques*. 2008;21:451-454.
4. Bafus, BT, Hughes, RA, Miller, BS, Carpenter, JE. Evaluation of utility in shoulder pathology: Correlating the American Shoulder and Elbow Surgeons and the Constant Scores to the EuroQoL. *World Journal of Orthopedics*. 2012;3: 20-24.
5. Khodae, M., Roy, D., VanBaak, K., Bafus, B. Case Report. An Unusual Knee Mass in a Soccer Player. *Asian Journal of Sports Med*. 2014;5:e23187.
6. Marinello, P., Peers, S., Bafus, B., Evans, P. Modified Brachioradialis Wrap for Stabilizing the Distal Radioulnar Joint: A Case Report. *Hand*. 2015;10(4):802-6.
7. Claessen, F.M.A.P., Stoop, N., Doornberg, J.N., Guitton, T.G., van den Bekerom, M.P.J., Ring, D., SVOG. Interpretation of Post-operative Distal Humerus Radiographs After Internal Fixation: Prediction of Later Loss of Fixation. *Journal of Hand Surgery*. 2016;41(10):e337-e341.
8. Kyriakedes, J., Tsai, E., Weinberg, D., Yu, C., Hoyen, H., Malone, K., Bafus, B. Distal Radius Fractures. AAOS Appropriate Use Criteria vs Actual Management at a Level 1 Trauma Center. *Hand*. 2017;13(2):209-214.
9. Chepla, K.J., Bafus, B.T. Transfer of a radial nerve branch to the brachialis nerve for restoration of elbow flexion. *Techniques in Hand and Upper Extremity Surgery*. 2018;22(2):65-67.
10. Son, J., Khandelwal, A., Bafus, B., Chepla, K. Reconstruction of a circumferential upper extremity soft tissue defect with a dermal regeneration template and skin grafting. *Techniques in Hand and Upper Extremity Surgery*. 2018;22(1):31-33.
11. Aliotta, R., Reyes, B., Bafus, B. Small Finger to Ring Finger Ray Transposition: Modern Surgical Technique and Case-based Review of the Literature. *Plastics and Reconstructive Surgery-Global Online*. 2018;6:e1793.
12. Sivasundaram, L., Tanenbaum, J., Trivedi, N., Kim, C., Bafus, B., Hoyen, H., Gillespie, R., Wera, G. Predicting Discharge Disposition after Shoulder Arthroplasty in the United States. *Journal of the American Academy of Orthopaedic Surgeons*. 2019;27:e444-e450.
13. Wang, J.H., Morris, W.Z., Bafus, B.T., Liu, R.W. Pediatric Surprcondylar Humerus Fractures: AAOS Appropriate Use Criteria Versus Actual Management at a Pediatric Level 1 Trauma Center. *Journal of Pediatric Orthopedics*. 2019;39:e578-e585.
14. Neral, M., Wang, JH., Tu, LA., Simcock, X., Hoyen, H., Bafus, BT. Proximal Humerus Fracture with Metaphyseal Extension Treatment Considerations and Outcomes. *Case Orthopaedic Journal*. 2019
15. Weber, M.B., Chepla, K.J., Bafus, B.T. Fixation of a Type 3 Flexor Digitorum Avulsion Injury. *Techniques in Hand and Upper Extremity Surgery*. 2019;23:160-164.
16. Kyriakedes, J., Crijns, T., Teunis, T., Ring, D., Bafus, B. Factors Associated with Operative Treatment of Distal Radius Fractures and Implications for the American Academy of Orthopaedic Surgeons Appropriate Use Criteria. *Journal of Orthopaedic Trauma*. 2019;33:e394-e402.
17. Sivasundaram, L., Wang, J., Kim, C., Trivedi, N., Lui, R., Voos, J., Bafus, B., Malone, K. Emergency Department Utilization following Outpatient Hand Surgery. *Journal of the American Academy of Orthopaedic Surgeons*. 2019;00:1-11.
18. Chung, K., Kim, H., Malay, S., Shauver, M., WRIST Group. Predicting Outcomes After Distal Radius Fracture: A 24-Center International Clinical Trial of Older Adults. *Journal of Hand Surgery*. 2019;44:762-771.
19. Chung, K., Malay, S., Shauver, M., WRIST Group. The Relationship between Hand Therapy and Long-Term Outcomes After Distal Radius Fracture in Older Adults: Evidence from the Randomized Wrist and Radius Injury Surgical Trial. *Plastic and Reconstructive Surgery*. 2019;144:230e-237e.
20. Knapik, D., Merrymand, B., Tanenbaum, J., Bafus, B. Prevalence of Bennett Lesions Based on Sex, Ancestry and Age in an Osteologic Collection of 5,662 Scapulae. *Clinical Anatomy*. 2020;33:844-849.
21. Wang, J., Brown, C., Du, J., Tu, L., Chepla, K., Bafus, B. A Comparison of Thirty-Day Perioperative Outcomes for Operative Care of Distal Upper Extremity Fractures Treated by Orthopedic Surgeons vs Plastic Surgeons using the National Surgical Quality Improvement (NSQUIP) Database. *Journal of Hand Surgery Global Online*. 2020;2:84-89.
22. Weber, M.B., Olgun, DZ., Boden, K.A., Weinberg, D.S., Bafus, B.T. Cooperman, D.R., Liu, R.W. A cadaveric study of radial and ulnar bowing in the sagittal and coronal planes. *Journal of Shoulder and Elbow Surgery*. 2020;29:1010-1018.

23. Lee, R., Abola, M., Du, J., Tanenbaum, J., Sivasundaram, L., Voos, J., Bafus, B. Preoperative Hyponatremia is Associated with Postoperative Major Morbidity, Prolonged Length of Stay, Non-home Discharge, and Readmission in Total Shoulder Arthroplasty. *Seminars in Arthroplasty: Journal of Shoulder and Elbow Surgery*. 2020;30:162-168.
24. Fei, T., Evans, P., Bafus, B. Triceps Fascial Tongue Exposure for Intraarticular Distal Humerus Fracture: Revisiting the Van Gorder Approach. *Journal of Shoulder and Elbow Surgery International*. 2020;4:39-43.
25. Scollan, J., Bertsch, M., Flannagan, C., Chughtai, M., Chepla, K., Hoyen, H., Bafus, B. Acute Compartment Syndrome of the Deltoid: A Case Report and Systematic Review of the Literature. *Journal of Shoulder and Elbow Surgery International*. 2020;4:753-758.
26. Cho, E., Weber, M., Opel, D., Lee, A., Hoyen, H., Bafus, B. Complications and Functional Outcomes after Transolecranon Distal Humerus Fracture. *Journal of Shoulder and Elbow Surgery*. *Journal of Shoulder and Elbow Surgery*. 2021;30:479-486.
27. Patel, S., Gatta, J., Lee, A., Bafus, B. Transolecranon Distal Humerus Fractures: A Mini Review. *Journal of Orthopedics and Orthopedic Surgery*. In press. 2021
28. Ascha, M., Katabi, L., Wu-Fienberg, Y., Bafus, B., Chepla, K. Characterization and Cost of IVDU-Associated Upper Extremity Infections Requiring Operative Treatment. *Plastic and Reconstructive Surgery*. 2022;149:155e-156e.
29. Weber, M., Cho, E., Evans, P., Syron, J., Bafus, B. Triceps tongue versus olecranon osteotomy for intraarticular distal humerus fractures: A matched cohort study. *Journal of Shoulder and Elbow Surgery*. In press. 2022
30. Wahood, B., Bafus, B. Management of Post-Traumatic Arthritis of the Wrist: An Overview. *Operative Techniques in Orthopaedics*. 2022.
31. Cheng, C., Bafus, B. Intramedullary, Unicortical Repair of Distal Biceps Tendon Rupture. *JSES Reviews, Reports & Techniques*. 2022

In Review/Preparation

1. Ascha, M., Katabi, L., Wu-Fienberg, Y., Bafus, B., Chepla, K. Evaluation of Microbiology, Costs, and 5-Year Mortality Associated with Upper Extremity IVDU-Associated Infections Requiring Operative Management. In submission to the *Journal of Hand Surgery Global Open*.

Book Chapters

1. Bafus, BT. Military Programs. In: Taylor, AD. *How to Choose a Medical Specialty*. 4th Ed. Philadelphia, PA: Saunders, 2003, 308-311.
2. Bafus, B., Tsai, E., Szado, C. Zone 1 Flexor Tendon Injuries. In: Maschke, S., Graham, T., Evans, P. *Master Techniques in Orthopaedic Surgery. The Hand*. 3rd Ed. Philadelphia, PA, Wolters Kluwer, 2016, 193-193.

Audio/Video/CD-Rom, etc.

1. Blaine Bafus. Golden Opportunities Television Program. WKYC Cleveland. Wrist Fractures. Aired December 2012.
2. AAOS/OTA Common Upper Extremity Fractures: The When and How of Treatment Featuring Humeral Shaft, Forearm, and Distal Radius Fractures (#130TRA1119) Webinar. Co-moderator. 2013.
3. American Medical Women's Association. How We Did It. Webinar. Panelist. December 2020.
4. Blaine Bafus. When Wrist Pain Strikes a Nerve. Let us give you a hand in understanding carpal tunnel syndrome. City of Cleveland Heights Webinar. Aired March 2021.

Letters

1. Bafus, BT, Froimson, AI. An Observation on Trigger Fingers. *Journal of Hand Surgery*. 2012;37:394.

Abstracts

1. Graziano, G, Bafus, T, Poulter, G. The Use of Polymethyl Methacrylate (PMMA) as Augmentation of Osteoporotic Bone for Fracture Repair. Mid-America Orthopaedic Association. ChampionsGate, FL. 2008.
2. Lim, K., Bafus, T. A Retrospective Review of Arthrodesis of the Thumb Carpometacarpal Joint. Scott Inkleby Visiting Professor Program. Case Western Reserve University Department of Orthopaedic Surgery. Cleveland, OH. 2015.
3. Kyriakedes, J., Tsai, E., Yu, C., Hoyen, H., Malone, K., Bafus, B. Distal Radius Fractures: AAOS Appropriate Use Criteria versus Actual Management at a Level One Trauma Center. Ohio Orthopaedic Society. Columbus, OH. 2015.
4. Wang, J.H., Morris, W.Z., Bafus, B.T., Liu, R.W. Pediatric Supracondylar Humerus Fractures: AAOS Appropriate Use Criteria Versus Actual Management at a Pediatric Level 1 Trauma Center. American Academy of Orthopaedic Surgery. San Diego, CA. 2017

5. Edgerton, M., Bollinger, A., Bafus, B. Early Experience with a Radial Head Prosthesis at a Single Institution. Mid-America Orthopaedic Association. San Antonio, TX. 2018.
6. Lee, A., Du, D., Weber, M., Hoyen, H., Bafus, B. Intramedullary Nailing of Midshaft Humerus Fractures is Associated with Increased 30-day Mortality: A Study Using the NSQUIP Database. 18th Annual New Technology in Upper Extremity Surgery: The Cutting Edge with Advancing Translational Research. Cleveland, OH. 2018
7. Wang, J., Du, J., Tu, L., Chepla, K., Bafus, B. No Differences in Thirty-day Perioperative Outcomes for Operative Care of Upper Extremity Fractures Between Orthopaedic and Plastic Surgeons: A Study of the NSQUIP Database. 18th Annual New Technology in Upper Extremity Surgery: The Cutting Edge with Advancing Translational Research. Cleveland, OH. 2018
8. Kyriakedes, J., Science of Variation Group, Bafus, B. Part 1: Distal Radius Fractures: AAOS Appropriate Use Criteria Versus Actual Management at a Level I Trauma Center. Part 2: Science of Variation Group: Factors Associated with Operative Treatment of Distal Radius Fractures and Implications for the AAOS Appropriate Use Criteria. Scott Inkley Visiting Professor Program. Case Western Reserve University Department of Orthopaedic Surgery. Cleveland, OH. 2018
9. Kyriakedes, J., Crijns, T., Teunis, T., Ring, D., Bafus, B.T. Factors Associated with Operative Treatment of Distal Radius Fractures and Implications for the American Academy of Orthopaedic Surgeons Appropriate Use Criteria. American Academy of Orthopaedic Surgeons. Las Vegas, NV. 2019
10. Weber, M., Cho, E., Abushahin, I., Evans, P., Bafus, B. Triceps Tongue Approach for the Treatment of AO Type C Distal Humerus Fractures. American Academy of Orthopaedic Surgeons. San Diego, CA. 2021