

Curriculum Vitae

September 12th, 2021

James Matthew Gregory, M.D.

PRESENT TITLE: Associate Professor of Orthopedic Surgery
McGovern Medical School at UTHealth

ADDRESS: McGovern Medical School at UTHealth
Department of Orthopedic Surgery
6431 Fannin Street, MSB 6.140
Houston, TX 77030

CITIZENSHIP: USA

UNDERGRADUATE EDUCATION:

B.A. Comparative Area Studies, 2004 (*magna cum laude*)
Duke University
Durham, NC

GRADUATE EDUCATION:

Doctor of Medicine, 2008
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

POSTGRADUATE TRAINING:

Residency, Orthopedic Surgery, 2008-2013
Rush University
Chicago, IL

Fellowship, Shoulder and Elbow Surgery, 2013-2014
Washington University School of Medicine
Saint Louis, MO

ACADEMIC AND ADMINISTRATIVE APPOINTMENTS:

Clinical Instructor, 2013-2014
Department of Orthopedic Surgery
Washington University School of Medicine

Saint Louis, MO

Assistant Professor, 2014-2021
Department of Orthopedic Surgery
McGovern Medical School at UTHealth
Houston, TX

Assistant Program Director, 2020-present
Sports Medicine and Shoulder Fellowship
Department of Orthopedic Surgery
McGovern Medical School at UTHealth
Houston, TX

Associate Professor, 2021-present
Department of Orthopedic Surgery
McGovern Medical School at UTHealth
Houston, TX

HOSPITAL APPOINTMENTS:

Attending Physician, 2013-2014
Barnes-Jewish Hospital - Saint Louis, MO

Attending Physician, 2013-2014
Veteran's Affairs Medical Center - Saint Louis, MO

Attending Physician, 2014-present
Lyndon B. Johnson (LBJ) General Hospital

Attending Physician, 2014-present
Memorial Hermann Hospital – Texas Medical Center (TMC)

Attending Physician, 2014-present
Memorial Hermann Hospital – Memorial City

LICENSURE:

Texas Medical License #Q0922, August 2014

CERTIFICATION:

American Board of Orthopedic Surgery, 2016

PROFESSIONAL ORGANIZATIONS:

Local

Houston Shoulder Society, 2014-present

- President, 2019-present

National

American Academy of Orthopedic Surgeons (AAOS), 2009-present

- Education Assessments and Examinations Committee, 2017-2021
- Shoulder & Elbow Evaluation Committee, 2017-2024
- Shoulder & Elbow Program Committee, 2020-2023
- Upper Extremity Practice Analysis, 2021

American Orthopaedic Association (AOA)

- Emerging Leaders Program, 2016-2021
- Fellowship Education Coalition, 2019-2020
- Leadership/Fellowships Committee, 2019-2021
- Active Member, 2021-present

American Shoulder and Elbow Surgeons (ASES)

- Specialty Day Program Committee, 2017
- Education Committee, 2020-present

American Board of Orthopedic Surgery (ABOS)

- Orthopedic In-Training Exam/ABOS Item Writing Project, 2019-2022

American Orthopaedic Society for Sports Medicine (AOSSM)

Arthroscopy Association of North America (AANA)

HONORS AND AWARDS:

Alpha Omega Alpha, University of Pennsylvania, 2007

Texas Monthly Super Doctors Rising Stars, 2017-2019

TX Top Docs, 2018-present

Charles S. Neer Award Nominee, 2019

Dean's Teaching Excellence Award, 2019-2021

EDITORIAL POSITIONS:

Reviewer, Journal of Shoulder and Elbow Surgery, 2014-present

Reviewer, American Journal of Sports Medicine, 2018-present

Associate CME Editor, Journal of Bone and Joint Surgery, 2020-2023

MCGOVERN MEDICAL SCHOOL COMMITTEES:

Faculty Senate, 2015-2017

DEPARTMENT OF ORTHOPEDIC SURGERY COMMITTEES:

Residency Selection Committee, 2017-2019
Resident Program Evaluation Committee, 2017-present
Sports Fellowship Selection Committee, 2017-present
Sports Fellowship Program Evaluation Committee, 2017-present
Telemedicine Committee, 2020-present
Telemedicine Validation Research Taskforce, 2020-present

MEMORIAL HERMANN HOSPITAL COMMITTEES:

Memorial Hermann Memorial City (MHMC) Accountable Care Organization 2017-present
Memorial Hermann Physician Network (MHMD) Orthopedic and Sports Medicine Clinical Program Committee (CPC), 2018-present
MHMD Supply Chain and Biologics CPC, 2020-present

SERVICE TO THE COMMUNITY:

Duke University Alumni Association, 2004-present

CURRENT TEACHING RESPONSIBILITIES:

Clinical resident supervision, sports rotation
5 Residents
One operative day per week, all year

Clinical fellow supervision, shoulder rotation
4 Fellows
Two operative days per week, all year
One clinic day per week, ten weeks per year

Clinical fellow supervision, primary care sports medicine
2 Fellows
Twice weekly clinic, eight weeks per year

Director, Cadaveric Sports Medicine Surgical Skills Labs
4 Fellows and 2 Residents
Monthly cadaveric labs

Shoulder and Elbow Didactic Education

30 Residents and 4 Fellows
Develop department education schedule, four lectures per year

Transition to Practice Lecture Series
10 Fellows
Monthly lectures

Visiting Medical Student Didactic Education
Once yearly virtual lecture

Preceptor, UT School of Public Health practicum
One graduate student
Weekly meetings, mentorship and project guidance

CURRENT CLINICAL AND SERVICE RESPONSIBILITIES:

Ironman Sports Medicine Institute at Memorial City, 2 days per week, clinic
UT Physician Orthopedics – TMC, 1 day per week, clinic
Memorial Hermann Hospital – Memorial City, 1 day per week, OR
West Houston Surgicare, 1 day per week, OR
LBJ General Hospital, 1 day per month, OR

CURRENT GRANT SUPPORT:

“Subacromial Bursa Reimplantation after Rotator Cuff Repair: A Randomized Controlled Trial”
P.I.: James M. Gregory, M.D.
Industry Support, Arthrex
\$107,000 2021-present

PAST GRANT SUPPORT:

“Outcomes of a Novel Proximal Humerus Plate with Expandable Cage”
P.I.: James M. Gregory, M.D.
Industry Support, Conventus
\$100,000 2017-2020

PUBLICATIONS:

A. Abstracts

1. Gregory JM, Sarkar K, Miller F. Developing Methodology to Assess the Possible Role of Microchimerism in Autoimmune Disease. Poster presentation at NIH Summer Research Poster Day, Bethesda, MD. 2003.
2. Sherman SL, Mather R, Lin EC, Dishkin J, Gregory JM, Harwood D, Cole BJ, Romeo AA, Verma NN. Biomechanical Comparison of Transosseous, Suture Anchor, and Pec Button Repair for Pectoralis Major Rupture. ePoster presentation, European Society for Surgery of the Shoulder and the Elbow (SECEC/ESSSE) Annual Meeting, Lyon, France. September 14-17, 2011
3. Sherman SL, Mather R, Lin E, Gregory JM, Dishkin J, Harwood DP, Romeo AA, Verma N. Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendoosseous Repair. Poster presentation, American Shoulder and Elbow Surgeons (ASES) Closed Meeting, October 12-15, 2011
4. *Sherman SL, Mather R, Lin E, Gregory JM, Dishkin J, Harwood DP, Romeo AA, Verma N. Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendoosseous Repair. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, San Francisco, CA. February 7-11, 2012.
5. Sherman SL, Mather R, Lin E, Gregory JM, Dishkin J, Harwood DP, Romeo AA, Verma N. Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendoosseous Repair. ePoster presentation, Arthroscopy Association of North America (AANA) Annual Meeting, May 17-19, 2012.
6. Gregory JM, Harwood DP, Gochanour E, Sherman SL, Romeo AA. Clinical Outcomes of Revision Proximal Biceps Tenodesis. Rush Orthopaedics Thesis Day June 15, 2012.
7. Gregory JM, Harwood DP, Sherman SL, Romeo AA. Biceps Tenodesis in Young Overhead Athletes. Rush Orthopaedics Thesis Day June 15, 2012.
8. Sherman SL, Mather R, Lin E, Gregory JM, Dishkin J, Harwood DP, Romeo AA, Verma N. Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendoosseous Repair. Poster presentation, AOSSM Annual Meeting Sept 12-15, 2012.
9. Sherman SL, Mather R, Lin E, Gregory JM, Dishkin J, Harwood DP, Romeo AA, Verma N. Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendoosseous Repair. ePoster presentation, Congress of Arthroscopy and Sports Medicine (CASM) Annual Meeting Nov 8-11, 2012.
10. Gregory JM, Klosterman E, Thomas JM, Hammond J, Shewman EF, Wang VM, Verma N, Romeo AA. Suture Technique Influences the Biomechanical Integrity of Pectoralis Major Repairs. Rush Orthopaedics Thesis Day June 21, 2013.

11. Sardesai N, Gregory JM, Sorkin A. Periprosthetic Complications after Treatment of Trochanteric Hip Fractures with a Short Intramedullary Nail. Rush Orthopaedics Thesis Day June 21, 2013.
12. Gregory JM, Klosterman E, Thomas JM, Hammond J, Shewman EF, Wang VM, Verma N, Romeo AA. Biomechanical Comparison of Suture Techniques in Pectoralis Major Repair. ePoster presentation, American Shoulder and Elbow Surgeons (ASES) Closed Meeting, October 12-15, 2013.
13. *Gregory JM, Klosterman E, Thomas JM, Hammond J, Shewman EF, Wang VM, Verma N, Romeo AA. Suture Technique Influences the Biomechanical Integrity of Pectoralis Major Repairs. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, New Orleans, LA. March 14, 2014.
14. *Sardesai N, Gregory JM, Sorkin A. Periprosthetic Complications after Treatment of Trochanteric Hip Fractures with a Short Intramedullary Nail. Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX. April 24, 2014.
15. Woodson J, Isamaily S, Fullick R, Noble P, Gregory JM. Eccentric Reaming to Correct Posterior Glenoid Erosion Removes Subchondral Bone. Poster presentation. Mid-American Orthopaedic Association (MAOA) Annual Meeting, April 19-23, 2017.
16. *Harris S, Gregory JM. Management of a Patient with Lateral Elbow Pain Secondary to Acute Adverse Neural Irritation. American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), New Orleans, LA. February 21-24, 2018.
17. Wayne CD, Wetzig AM, Bailey L, Warth RJ, Gregory JM. Quantification of Patient-Level Costs in Outpatient Total Shoulder Arthroplasty. UTRGV School of Medicine Research Symposium – Health Disparities 2018: Closing the Gap. McAllen, TX. September 15, 2018.
18. *Gregory JM, Wetzig AM, Wayne CD, Bailey L, Warth RJ. Quantification of Cost Savings from Outpatient Total Shoulder Arthroplasty. American Shoulder and Elbow Surgeons (ASES) Annual Meeting. Chicago, IL. October 11-14, 2018.
19. Matre PR, Kozemchak A, Pickrell A, Thomson A, Warth RJ, Gregory JM, Huard J. Isolation and Characterization of Bursa-Derived Mesenchymal Stem Cells for Tendon Repair. Orthopaedic Research Society (ORS) Annual Meeting, Austin, TX. February 2-5, 2019.
20. Warth RJ, Kerl CG, Hall M, Moody D, Bach JP, Zandiyeh P, Tashman S, Gregory JM. Reliability Of UTE-T2* MRI Mapping of the Supraspinatus Tendon. Orthopaedic Research Society (ORS) Annual Meeting, Austin, TX. February 2-5, 2019.
21. *Warth RJ, Matre PR, Kozemchak A, Supak DN, Huard J, Harner CD, Gregory JM. The Subacromial Bursa is a Viable Source of Autologous Mesenchymal Stem Cells for Rotator

Cuff Repair. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, Boston, MA. July 11-14, 2019.

22. Willenbring T, DeVos MD, Warth RJ, Gregory JM. Do Clinical Practice Guidelines Change Practice Patterns? An Examination of Acromioplasty with Arthroscopic Rotator Cuff Repair. American Shoulder and Elbow Surgeons (ASES) Annual Meeting. October 2-3, 2020.
23. Willenbring TJ, Warth RJ, Gregory JM. Do Clinical Practice Guidelines Change Practice Patterns? An Examination of Acromioplasty with Arthroscopic Rotator Cuff Repair. McGovern Medical School Department of Orthopaedic Surgery Research Day. June 11, 2021.
24. Willenbring TJ, DeVos MJ, Warth RJ, Gregory JM. Is Outpatient Shoulder Arthroplasty Safe for Older Adults? A Comparison of Readmissions and Complications in Inpatient and Outpatient Settings. McGovern Medical School Department of Orthopaedic Surgery Research Day. June 11, 2021.
25. Willenbring TJ, Epner EC, Warth RJ, Gregory JM. Recent Trends in Ulnar Collateral Ligament Repair and Reconstruction. McGovern Medical School Department of Orthopaedic Surgery Research Day. June 11, 2021.
26. *Willenbring TJ, DeVos MJ, Kozemchak AM, Warth RJ, Gregory JM. Is Outpatient Shoulder Arthroplasty Safe in Patients Over 65 Years of Age? A Comparison of Readmissions and Complications in Inpatient and Outpatient Settings. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, San Diego, CA. August 31, 2021.

B. Refereed Original Articles in Journals

1. Gregory JM, Arkader A, Bokhari A, Dormans JP. Case report: unicameral bone cysts in a young patient with acquired generalized lipodystrophy. Clin Orthop Relat Res. 2010 May;468(5):1440-6.
2. Ellman MB, Gregory JM, Bhatia S, Hsu A, Ghodadra N, Provencher MT, Romeo AA. An evidence-based review of the etiology, classification, diagnosis, and treatment of rotator cuff tears. Minerva Ortop Traumatol 2011; 62:89-108.
3. Gregory JM, Harwood DP, Sherman SL, Romeo AA. Surgical Repair of a Subacute Latissimus Dorsi Tendon Rupture. Techniques in Shoulder & Elbow Surgery. 2011 Dec;12(4):77-79.
4. Gregory JM, Harwood DP, Gochanour E, Sherman SL, Romeo AA. Clinical outcomes of revision biceps tenodesis. Int J Shoulder Surg. 2012 Apr;6(2):45-50.

5. Gregory JM, Sherman SL, Mather R, Bach BR. Patella Stress Fracture after Transosseous Extensor Mechanism Repair – A Case Series. *Am J Sports Med.* 2012 Jul; 40(7): 1668-72.
6. Sherman SL, Mather R, Lin E, Gregory JM, Dishkin J, Harwood DP, Romeo AA, Verma N. Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendoosseous Repair. *Am J Sports Med.* 2012 Aug; 40(8): 1887-94.
7. Gregory JM, Hsu JE, Galatz LM. Periprosthetic Humeral Fractures in Shoulder Arthroplasty. *Semin Arthro.* 2014 March; 25: 59-63.
8. Hsu JE, Gregory JM, Galatz LM. Rotator Cuff Repair: Update on Biologic Strategies. *Techniques in Shoulder & Elbow Surgery.* 2014 Dec; 15(4):115-16.
9. Gregory JM, Klosterman E, Thomas JM, Hammond J, Shewman EF, Wang VM, Verma N, Romeo AA. Suture Technique Influences the Biomechanical Integrity of Pectoralis Major Repairs. *Orthopedics.* 2015 Sep 1; 38(9):e746-52.
10. Aleem AW, Gregory JM, Yamaguchi K, Galatz LM. Transverse Ulna Osteotomy for Revision Total Elbow Arthroplasty: Surgical Technique and Outcomes. *Techniques in Shoulder & Elbow Surgery.* 2016 June; 17(2):67-71.
11. Chalmers PN, Romeo AA, Nicholson GP, Boileau P, Keener JD, Gregory JM, Salazar DH, Tashjian RZ. Humeral Bone Loss in Revision Total Shoulder Arthroplasty: the Proximal Humeral Arthroplasty Revision Osseous Insufficiency (PHAROS) Classification System. *Clin Orthop Relat Res.* 2019 Feb; 477(2):432-441.
12. Gregory JM, Wetzig AM, Wayne CD, Bailey L, Warth RJ. Quantification of Patient-Level Costs in Outpatient Shoulder Arthroplasty. *J Shoulder Elbow Surg.* 2019 Jun;28(6):1066-1073.
13. Gregory JM, Wayne CD, Miller AJ, Kozemchak AM, Bailey L, Warth RJ. A Geographic Analysis of Total Shoulder Arthroplasty in the State of Texas. *J Am Acad of Orthop Surg.* 2020 Aug; Publish ahead of Print
14. Kerl CG, Chassay CM, Gregory JM. Arthroscopic-assisted Fixation of a Nonunited Coronoid Stress Fracture in a Competitive Gymnast. *JBJS Case Connect.* 2020 July-Sept;10(3).
15. Pancholi N, Gregory JM. Biologic Augmentation of Arthroscopic Rotator Cuff Repair Using Minced Subacromial Bursa. *Arthrosc Tech.* 2020 Oct; 9(10):e1519-e1524.
16. Mease SJ, Kraeutler MJ, Gonzales-Luna DC, Gregory JM, Gardner MJ, Choo AM. Current Controversies in the Treatment of Geriatric Proximal Humerus Fractures. *J Bone Joint Surg Am.* 2021 Feb 18.

17. Willenbring TJ, DeVos MJ, Kozemchak AM, Warth RJ, Gregory JM. Is Outpatient Shoulder Arthroplasty Safe in Patients Over 65 Years of Age? A Comparison of Readmissions and Complications in Inpatient and Outpatient Settings. *J Shoulder Elbow Surg.* 2021 Mar 19.

C. Invited Articles

1. Gregory JM. Commentary on Canal Sparing Total Shoulder Arthroplasty. *Orthopedics Today.* May 21, 2019.

D. Chapters

1. Gregory JM, Ellman MB, Chalmers PN, Ghodadra NS, Romeo AA. Anterior Shoulder Instability – Arthroscopic Repair in Disorders of the Shoulder: Sports Injuries, Lippincott Williams & Wilkins, 2013; 150-64.
2. Gregory JM, Nho S. Adhesive Capsulitis in Levine, B. (Ed.), *Acing the Boards.* Slack Inc., 2015
3. Gregory JM, Nho S. Total Shoulder Arthroplasty in Levine, B. (Ed.), *Acing the Boards.* Slack Inc., 2015
4. Gregory JM, Nho S. Rotator Cuff Repair in Levine, B. (Ed.), *Acing the Boards.* Slack Inc., 2015
5. Gregory BP, Gregory JM. Current Concepts in Tendinopathy and Acute Muscle Injury in Orthopedic Knowledge Update (OKU): Sports Medicine 6. American Academy of Orthopedic Surgeons (AAOS). 2020.
6. Kappa J, Gregory JM. Rotator Cuff Arthropathy: Basic Science, Mechanical, and Biologic Causes. AAOS Resident Curriculum. 2020
7. Tauberg B, Gregory JM. Rotator Cuff Disease: Basic Science of Tendon Tears, Repair, and Healing. AAOS Resident Curriculum. 2020

E. Other Professional Communications

Presentations:

1. Gregory JM. Finding a Job: A Recent Fellows Perspective. AAOS Webinar, April 2015.
2. Gregory JM. Distal Clavicle Excision. AAOS Fundamentals of Knee and Shoulder Arthroscopy for Orthopaedic Residents, Rosemont, IL, October 2017.

3. Gregory JM, Ellman M, Yanke AB, Wascher D. Becoming an Advanced Arthroscopist, AAOS Webinar, October 2017.
4. Gregory JM, Warth RJ, Kozemchak A, Matre PR, Huard J. Approach to MSC Augmentation of Rotator Cuff Repair. 4th Annual Vail Scientific Summit, Vail, CO. August 19-21, 2018.
5. Gregory JM. Platform vs Non-platform Stem Selection in Total Shoulder Arthroplasty. 62nd Annual Edward T. Smith Orthopaedic Lectureship, Houston, TX, November 2018.
6. Gregory JM. Biologic Augmentation for Rotator Cuff Repair. 62nd Annual Edward T. Smith Orthopaedic Lectureship, Houston, TX, November 2018.
7. Gregory JM. Management of Osteoarthritis in the Young Patient. 62nd Annual Edward T. Smith Orthopaedic Lectureship, Houston, TX, November 2018.
8. Gregory JM. Finding your first job. American Orthopaedic Association (AOA) Regional Meeting, Houston, TX, April 2019.
9. Gregory JM. Reverse Shoulder Arthroplasty for Fracture. 2nd Annual Houston Trauma Symposium, Houston, TX, May 2019.
10. Gregory JM. Subscapularis Repair Technique. Arthroscopy Association of North America (AANA) Fellows Course, Rosemont, IL, June 2019.
11. Gregory JM. Arthroscopic AC Joint Reconstruction. Arthroscopy Association of North America (AANA) Fellows Course, Rosemont, IL, June 2019.
12. Gregory JM. The Subacromial Bursa is a Viable Source of Autologous Mesenchymal Stem Cells for Rotator Cuff Repair. American Orthopaedic Society for Sports Medicine (AOSSM)-ESSKA 2019 Traveling Fellowship, Houston, TX, July 2019.

Non-refereed Publications:

1. Haydon RC, Cannada LK, Chiarappa FE, Gregory JM, Safran MR, Tang P. Choosing a Practice. AOA Fellowship Education Coalition, May 2020.

Videos:

1. Bratton A, Fullick R, Gregory JM, Harner C. Arthroscopic Augmentation of Rotator Cuff Tear Repair with a Bioinductive Implant. AAOS Video Surgical Technique Guide, 2018.

Other:

1. Gregory JM. Management of Shoulder Arthritis. Doctor Radio, Sirius XM. December 2017.
2. Gregory JM. Outpatient Reverse Shoulder Arthroplasty for Treatment of Massive Irreparable Rotator Cuff Tears. ASES Podcast, Episode 6, January 2020.