

CURRICULUM VITAE

Wendell Malcolm Rogan Heard, M.D.

Academic Address:

Tulane University School of Medicine
Department of Orthopaedic Surgery
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Date of Birth: March 12, 1977

Place of Birth: New Orleans, LA

Language Proficiency: English

Board Certification: American Board of Orthopaedic Surgery, 2014
Subspecialty Certification, Sports Medicine, 2015

ACADEMIC APPOINTMENTS

Aug 2012 – Present Assistant Professor
Tulane University School of Medicine
Department of Orthopaedic Surgery
Section of Sports Medicine

Aug 2012 – Present University Medical Center
Department of Orthopaedic Surgery
2000 Canal Street
New Orleans, LA 70112

EDUCATION

Aug 2001 - May 2005 Doctor of Medicine: May 21, 2005
Tulane University School of Medicine, New Orleans,
LA

Aug 1995 - May 1999 Bachelor of Science in Biology: May 15, 1999
The University of the South, Sewanee, TN

Sept 1991 - Jun 1995 Benjamin Franklin High School, New Orleans, LA

POSTGRADUATE TRAINING

Aug 2011 - Jul 2012 Sports Medicine Fellowship
Rush University Medical Center
Fellowship Director, Bernard R. Bach, M.D.

Jul 2010 - Jul 2011 Orthopaedic Trauma Surgery Fellowship
Brown University/Rhode Island Hospital
Fellowship Director, Christopher T. Born, M.D.

Jul 2006 - Jul 2010 Orthopaedic Surgery Residency
The Warren Alpert Medical School of Brown
University/Rhode Island Hospital, Providence, RI
Chairman, Michael G. Ehrlich, M.D.

Oct 2005 - Jul 2006 Post-Katrina Surgical Internship
Vanderbilt University, Nashville, TN
Program Director, John Tarpley, M.D.

Jul 2005 - Aug 2005 Pre-Katrina Surgical Internship
Tulane University, New Orleans, LA
Chairman, Robert Hewitt, M.D.

HONORS AND AWARDS

Nov 18, 2011 New England Orthopaedic Society 2011 Kilfoyle
Award. Kane P, **Heard W**, Thakur N, Paller D,
Koruprolu S, Born CT. Optimal lag screw placement
in a cephalomedullary intramedullary nail: A
biomechanical study

May 20, 2005 Tulane-Caldwell Society Award: In recognition of
outstanding performance in clinical orthopaedics at
Tulane University School of Medicine

Apr 14, 2005	Gold Humanism Honor Society, Tulane University School of Medicine: In recognition of exemplary service to others, integrity, clinical excellence, and compassionate and respectful relationships with patients, families, and colleagues
2002	Rookie of the Year, Tulane Medical School Rugby Football Club
1998	Order of Gownsmen Academic Honor Society, The University of the South
1998	Alpha Epsilon Delta Premedical Honor Society, The University of the South

PUBLICATIONS

1. Cole, WW 3rd, Brown SM, Vopat B, **Heard WMR**, Mulcahey MK. Epidemiology, Diagnosis, and Management of Tibial Tubercle Avulsion Fractures in Adolescents. *JBJS Rev* 2020 Apr;8(4). PMID: 32304501.
2. Hester WA, O'Brien MJ, **Heard WMR**, Savoie FH. Current Concepts in the Evaluation and Management of Type II Superior Labral Lesions of the Shoulder. *Open Orthop J*. 2018 Jul 31;12:331-341. PMID: 30197715.
3. Deal JB, Smith E, **Heard W**, O'Brien MJ, Savoie FH 3rd. Platelet-Rich Plasma for Primary Treatment of Partial Ulnar Collateral Ligament Tears: MRI Correlation with Results. *Orthop J Sports Med*. 2017 Nov 13. <https://doi.org/10.1177/2325967117738238>.
4. **Heard WM**, VanSice WC, Savoie FH 3rd. Anterior cruciate ligament tears for the primary care sports physician: what to know on the field and in the office. *Phys Sportsmed*. 2015 Nov;43(4):432-9. PMID: 26559706.
5. Lambrechts M, Nazari B, Dini A, O'Brien MJ, **Heard WMR**, Savoie FH, You Z. Comparison of the cheese-wiring effects among three sutures used in rotator cuff repair. *Int J Shoulder Surg*. 2014 Jul; 8(3):81-5. doi: 10.4103/0973-6042.140115.
6. Behrens SB, Lee BJ, Paller D, Hoffman E, **Heard WM**, Monchik KO, Fadale PD. Mechanical properties of revision ACL reconstruction. *J Knee Surg*. 2014 Apr;27(2):119-23. PMID: 24122434.
7. Chahal J, Lee A, **Heard W**, Bach BR. A retrospective review of anterior cruciate ligament reconstruction using patellar tendon—25 years of experience. *Orthopaedic Journal of Sports Medicine*. Aug 2013;1(3).

8. Mall NA, VanThiel GS, Chahal J, **Heard WMR**, Romeo A, Verma N, Bach BR Jr. Paget-Schroetter Syndrome: A review of effort thrombosis of the upper extremity from a sports medicine perspective. *Sports Health*. July 2013;5:353-356.
9. **Heard W**, Chahal J, Bach BR. Recognizing and managing complications in ACL reconstruction. *Sports Medicine and Arthroscopy Review*. June 2013;21(2):106-112.
10. Sawyer G, Christino M, Anderson B, **Heard W**, Fadale P. Effect of interference screw fixation on ACL graft tensile strength. *J Knee Surg*. 2013 Jun;26(3):155-9. PMID: 23288751
11. **Heard WMR**, Christino M, Paller D, Fadale PD, Monchik K. Influence of single interference screw insertion on the mechanical properties of porcine anterior cruciate ligament reconstruction grafts. *Am J Orthop*. April 2013;42(4):168-72. PMID: 23630676.
12. Sawyer G, **Heard W**, Terek R. Fresh Osteochondral Allograft Transplantation for treatment of chondroblastoma of the femoral head: A case report. *JBJS Case Connector*. 2013;Feb 13;3(1):e13 1-5. DOI: 10.2106/JBJS.CC.L.00122.
13. **Heard W**, Romeo AA. Arthroscopic Rotator Cuff Repair: Transosseous equivalents. *Operative Techniques in Sports Medicine*. Sept 2012;20(3):220-223.
14. Chahal J, VanThiel G, Mall N, **Heard W**, Bach BR, Cole BJ, Nicholson GP, Verma NN, Whelan DB, Romeo AA. The role of platelet rich plasma in arthroscopic rotator cuff repair—A systematic review with quantitative synthesis. *Arthroscopy*. 2012;28(11):1718-27. PMID: 22694941
15. Mall NA, Chahal J, **Heard WM**, Bach BR Jr, Bush-Joseph CA, Romeo AA, Verma NN. Outcomes of arthroscopic and open surgical repair of isolated subscapularis tendon tears. *Arthroscopy*. 2012 Sep;28(9):1306-14. Doi: 10.1016/j.arthro.2012.02.018. Epub 2012 May 18. PMID: 22607828
16. Van Thiel GS, Chahal J, Mall NA, **Heard WM**, Jordan MA, Nho SJ. Injection therapy in the management of musculoskeletal injuries: Hip and pelvic injections. *Operative Techniques in Sports Medicine*. June 2012;20(2):142-53.
17. **Heard WMR**, Lee A, Cole BJ. Update on chondrolysis: Etiology and implications for use of intra-articular local anesthetic. *Orthopaedics Hyperguide, Sports Medicine Module*. Jan 2012.

http://www.ortho.hyperguides.com/index.php?option=com_content&task=view&id=2288&Itemid=

18. Riff A, VanThiel G, **Heard W**, Chahal J, Cole B. Treatment of cartilage defects in young shoulders: From the lab to the clinic. *Rush Orthopedics Journal*. 2012.
19. Crisco JJ, **Heard WM**, Rich RR, Paller DJ, Wolfe SW. The mechanical axes of the wrist are oriented obliquely to the anatomical axes. *J Bone Joint Surg Am*. 2011 Jan 19;93:169-77. PMID: 21248214
20. Tocci SL, **Heard WM**, Fadale PD, Brody JM, Born C. Magnetic resonance angiography for the evaluation of vascular injury in knee dislocations. *J Knee Surg*. 2010 Dec;23(4):201-7. PMID: 21446625
21. Merrell G, **Heard W**, Park MJ, Ramos P, DaSilva MF. Carpal growth and function after pediatric transcarpal hand replant: case report. *J Hand Surg Am*. 2008 Oct;33(8):1354-7. PMID: 18929200

BOOK CHAPTERS

1. **Heard WMR**, O'Brien MJ, Savoie FH 3rd. Elbow Trauma and Arthrofibrosis in MRI – Arthroscopy Correlations in MRI. Brockmeir SF, Christoforetti JJ, Field LD, Miller MD, eds. Springer, 2015, pp 327 – 333.
2. Mall NA, **Heard WMR**, Verma NN, Bach BR Jr. Fixation in revision ACL reconstruction. Revision ACL Reconstruction: Indications and Technique. Robert G. Marx, MD, Editor. Springer, 2014, pp. 105-118.
3. Mall, NA, **Heard W**, A Resler, NN Verma. "Post-surgical Rehabilitation after AC Joint Reconstruction for AC Separations." In Orthopaedic Rehabilitation of the Athlete: Getting Back in the Game. B Reider, G Davies, and MT Provencher, eds. Saunders/Elsevier, 2014, pp. 358-370.
4. **Heard W**, Mall NA, Resler A, Verma NN. "Beyond Basic Rehab: Getting back to hockey after AC joint injury." In Orthopaedic Rehabilitation of the Athlete: Getting Back in the Game. B Reider, G Davies, and MT Provencher, eds. Saunders/Elsevier, 2014, pp. 371-376.
5. Scott D, **Heard WMR**, Lee A, Cole BJ. Beyond basic rehabilitation: Return to basketball after osteochondral allograft transplantation. In Orthopaedic Rehabilitation of the Athlete: Getting Back in the Game. B Reider, G Davies, and MT Provencher, eds. Saunders/Elsevier, 2014, pp. 1110-1117.

6. VanThiel, G, **Heard W**, Romeo AA. Acute and chronic shoulder dislocations. Orthopaedic Knowledge Update 4: Shoulder and Elbow. Gregory P. Nicholson, MD, Editor. AAOS, 2013, pp. 77-91.
7. Savoie FH, **Heard W**, O'Brien M. Arthroscopic management of rare intra-articular lesions of the shoulder. In Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine. Second Edition. Brian J. Cole, MD, John K. Sekiya, MD Editors. Saunders/Elsevier, 2013, pp. 413-422.

OTHER PUBLICATIONS

Heard WMR, Cole BJ. Cartilage donation can help pediatric patients. The Biological Resource Center of Illinois Quarterly Newsletter. Oct 2011; 4(4).

ABSTRACTS AND PRESENTATIONS AT NATIONAL, INTERNATIONAL, AND REGIONAL MEETINGS

- | | |
|----------------------|---|
| Nov 9, 2019 | First Wave Musculoskeletal Ultrasound Symposium, Tulane University, New Orleans, LA.
Lecturer: "Ultra Sound and Knee Injuries" |
| March 13, 2019 | American Academy of Orthopaedic Surgeons Annual Meeting Instructional Course Lecture: "The Future of Orthopaedic Practice: What Practice Models Remain Viable?" |
| Dec 8, 2018 | James R. Andrews, MD Lectureship in Sports Medicine Lecturer, Tulane University: "Knee Injuries" |
| Jul 20 – 23, 2017 | Heard W , O'Brien MJ, Taylor D, Massey A, Stewart G, Savoie FH. A Novel Non-operative Protocol for the Acute Management of In-Season Acromioclavicular Separations. Poster Presentation, The American Orthopaedic Society for Sports Medicine 2017 Annual Meeting, Toronto, Ontario, Canada. |
| Jun 30 – Jul 1, 2017 | Arthroscopy Academy 4 th International Meeting, Mumbai, India. |

Panelist: Instructional Course Lecture – “Return to Sports After Knee Injury.”

Course Lecturer:
“Mechanical and Biological Augmentation of ACL Reconstruction”

Course Lecturer:
“Multi-Directional Instability in Young Athletes.”

Course Lecturer: “Principles of ACL Reconstruction – Ideal ACL Reconstruction”

Course Lecturer: “Additional Procedures For Stable Bankart Repair”

May 30, 2017

American Association of Physician Assistants, Musculoskeletal Galaxy, New Orleans, LA
Presentations:

Course Lecturer: “ACL Injuries”

Course Lecturer: “Knee Injuries”

Panelist: MRI/CT Imaging Breakout sessions

2017

Madison Vanosdoll, **Wendell M.R. Heard**, Felix H. Savoie III, Kristen S. Miller: Development of an Agent-Based Model to Predict the Salient Features of Age-Related Patellar Tendon Degeneration. Orthopaedic Research Society, San Diego, CA.

2017

Akinjide R. Akintunde, **Wendell M.R. Heard**, Felix H. Savoie III, Kristin S. Miller: Towards a Microstructurally-Motivated Constitutive Model of Age-Dependent Murine Patellar Tendon Healing to Elucidate Underlying Deficiencies in Extracellular Matrix Dynamics. Orthopaedic Research Society, San Diego, CA.

2017

Cody O’Cain, **Wendell M.R. Heard**, Felix H. Savoie, Sara Roccabianca, Ronald C. Anderson, Kristin S. Miller: Determining the Potential Role of Glycosaminoglycan Clusters in Tendon Mechanical Homeostasis. Summer Biomechanics, Bioengineering, and Biotransport Conference, Tuscon, AZ

- 2016 Akinjide R. Akintunde, **Wendell M.R. Heard**, Felix H. Savoie III, Kristin S. Miller: Development of a Growth and Remodeling Model for Murine Patella Tendon Healing. Gordon Research Seminar on Musculoskeletal Biology and Bioengineering, Andover, NH.
- Sept 29, 2016 Clinical Orthopaedic Society Annual Meeting, New Orleans, LA.
Lecturer: "Cartilage Restoration."
- Mar 1 – 2, 2013 **Heard W**, Abstract: Fresh Osteochondral Allografts in the Knee. Poster Presentation, Louisiana Orthopaedic Association 2013 Annual Meeting & Scientific Program, New Orleans, LA
- Oct 3 - 6, 2012 Thakur N, **Heard W**, Kane P, Paller D, Born C. Abstract #762: Poster#19: Inferior lag screw placement: Does the tip apex distance really matter? Poster Presentation, Orthopaedic Trauma Association 28th Annual Mtg, Minneapolis, MN
- Oct 3, 2012 Kane P, **Heard W**, Thakur N, Paller D, Born C. Abstract #751: Paper#4: Intertrochanteric fracture optimal lag screw placement revisited: A biomechanical study. Podium presentation, Orthopaedic Trauma Association 28th Annual Meeting, Minneapolis, MN
- Jun 20 – 23, 2012 Christino M, Sawyer G, Anderson B, **Heard W**, Fadale PD. Effect of interference screw fixation on anterior cruciate ligament integrity and tensile strength. Eastern Orthopaedic Association 43rd Annual Meeting, Bolton Landing, NY
- Nov 18, 2011 Kane P, **Heard W**, Thakur N, Paller D, Koruprolu S, Born CT. Optimal lag screw placement in a cephalomedullary intramedullary nail: A biomechanical study. New England Orthopaedic Society 2011 Kilfoyle Award Lecture
- Apr 14 – 16, 2011 Behrens S, **Heard W**, Villarreal R, Paller D, Hoffman E, Fadale P, Mochik K. Insertion torque and load of composite interference screws in a revision anterior cruciate ligament reconstruction model. E-poster presentation, Arthroscopy Association of North America Annual Meeting, San Francisco, CA

- Feb 15 – 19, 2011 **Heard WMR**, Paller D, Villarreal RJ, Behrens SB, Biercevicz A, Fadale PD, Monchik KO. Influence of laceration from composite interference screw fixation during tensile loading of soft tissue grafts. Poster presentation, American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA
- Jan 13 – 16, 2011 Paller D, Behrens S, **Heard W**, Villarreal R, Hoffman E, Fadale P, Mochik K. Mechanical properties of soft tissue graft with biocomposite interference screw fixation following ACL revision. Poster presentation, Orthopaedic Research Society Annual Meeting, Long Beach, CA
- Mar 12, 2010 Schiller JR, **Heard WMR**, Moore DC, Ebersson CP, Ehrlich MG. Cbfa-1, Sox-9, and HIF-1 α Expression in a rat model of distraction osteogenesis. Paper presentation, American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA
- Mar 6 – 9, 2010 **Heard WMR**, Crisco JJ, Rich RR, Paller DJ, Wolfe SW. The mechanical axes of the wrist are oriented obliquely to the anatomical axes. Poster presentation, Orthopaedic Research Society Annual Meeting, New Orleans, LA
- Feb 12, 2010 Born CT, Tocci SL, **Heard WMR**, Brody JM, Fadale PD. MRA Evaluation of vascular injury in knee dislocations. Paper presentation, Foundation for Orthopaedic Trauma Symposium, Green Valley Ranch Resort, Henderson, NV

RESEARCH GRANTS

- Summer 2013 DeNovo NT Stratified Knee Study Grant: \$318,250. Principal Investigator: **Heard WMR**
- Spring 2009 Extremity Medical Research Grant: \$18,420. Crisco JJ, **Heard WMR**, Rich RR, Paller DJ, Wolfe SW. The mechanical axes of the wrist are oriented obliquely to the anatomical axes.

- Fall 2009 Stryker Orthopaedics Research Grant: \$56,455.
Heard WMR, Monchik K, Fadale PD, Villarreal R,
Paller DJ. In vitro graft laceration and tensile strength
of multiple soft-tissue anterior cruciate ligament
reconstruction techniques in a bovine knee model.
- Fall 2009 Stryker Orthopaedics Research Grant: \$29,930.
Monchik K, **Heard WMR**, Fadale PD, Paller DJ.
Comparison of ACL graft fixation with competing bone
tunnel dilation systems.
- Fall 2009 Stryker Orthopaedics Research Grant: \$41,100.
Monchik K, **Heard WMR**, Fadale PD, Behrens S,
Paller DJ. Revision ACL reconstruction with re-drilling
of the tibial bone tunnel through a retained composite
screw in a porcine knee model.

PRESENTATIONS AT LOCAL MEETINGS

- Nov 11, 2014 “The Anterior Lateral Ligament.” Department of
Orthopaedic Surgery, West Point Grand Rounds
- Jun 15, 2012 “Surgeon Reliability in Calcified Cartilage Layer
Removal: Open versus Arthroscopic Technique.”
Department of Orthopaedic Surgery, Rush University
Medical Center. 24th Annual Thesis Day
- May 28, 2011 “The Mechanical Axes of the Wrist are Oriented
Obliquely to the Anatomical Axes.” Department of
Orthopaedic Surgery, Brown University/Rhode Island
Hospital, The 49th Murray S. Danforth Oration
- Oct 5, 2010 “Dominican Republic and Haiti.” Department of
Orthopaedic Surgery, Brown University/Rhode Island
Hospital, Carrol Silver Traveling Fellowship Dinner
Lecture
- Apr 12, 2010 “Physical Exam of the Knee.” Department of
Rheumatology, Brown University/Rhode Island
Hospital, Weekly Conference

Sept 23, 2009	“The Mechanical Axes of the Wrist are Oriented Obliquely to the Anatomical Axes.” Department of Orthopaedic Surgery, Brown University/Rhode Island Hospital Interdisciplinary Research Conference
Jun 3, 2009	“Viscosupplementation” Department of Orthopaedic Surgery, Brown University/Rhode Island Hospital, Grand Rounds
Apr 22, 2009	“Mechanical Properties of the Wrist: A Basis for Wrist Arthroplasty Design?” Department of Orthopaedic Surgery, Brown University/Rhode Island Hospital Interdisciplinary Research Conference
Jan 23, 2007	“DM: Case Presentation.” Interdisciplinary Hand Conference, Department of Orthopaedic Surgery, Brown University/Rhode Island Hospital

LOCAL, NATIONAL and INTERNATIONAL SERVICE

2020—Present	Arthroscopy Association of North America, education committee member
2020—Present	American Orthopaedic Society for Sports Medicine, Council of Delegates
2012—Present	Journal Reviewer for <i>Arthroscopy: The Journal of the Arthroscopy Association of North America</i>
2015—2019	Clinical Competency Committee member, Tulane University Department of Orthopaedic Surgery
Oct 9, 2018	LCME Accreditation Site Visit Junior Faculty Representative, Tulane University School of Medicine
Aug 25-27, 2018	Smith and Nephew Fellows Arthroscopy Course, Rosemont, IL. Laboratory Course Instructor.
2013—2017	Arthroscopy Association of North America research committee member
2017	Louisiana Orthopaedic Association

Moderator: Patellofemoral Joint Session
Moderator: Scientific Poster Session

June 7-9, 2013

Associate Master Instructor: AANA Masters Experience, New Horizons: Advances In Knee Surgery Ligament Focus, Chicago, IL

April 6, 2013

Parent's Panel member on behalf of the AOSSM/STOP Sports Injuries Campaign during the 2013 Women's Final Four. Joe Brown Park, New Orleans, LA

Sept 27 – 30, 2010

Relief and Aid trip with the Foundation for Orthopaedic Trauma, to Dr. Dario Contreras Hospital, Santo Domingo, Dominican Republic and equipment transport to Port Au Prince, Haiti.

Jul 2009-Jul 2010

Chief Resident for ambulatory patient care.

Jan 15 – 18, 2009

Associate Master Instructor: Fundamentals in Arthroscopy—Junior Resident Course, Rosemont, IL.

May 9, 2008

Instructor: Technical Skills Training Session for Brown University Medical Students, Providence, RI.

2006 - 2009

Assistant Clinical Instructor of Orthopaedic Surgery, Brown Medical School.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

2008 - Present

American Academy of Orthopaedic Surgeons

2010 - Present

American Orthopaedic Society for Sports Medicine

2009 - Present

Arthroscopy Association of North America

2013 – Present

Tulane Caldwell Society

2013 - Present

Louisiana Orthopaedic Association

2013 - Present

Greater New Orleans Orthopaedic Society

2001 - 2005

American Medical Student Association

TEAM POSITIONS, APPOINTMENTS AND EVENT COVERAGE

Feb 2020—Present	Head Team Physician, NOLA Gold Rugby, Major League Rugby
Aug 2012 – Present	Team Physician, Tulane University, New Orleans, LA
Aug 2017—Present	Team Physician, Metairie Park Country Day High School, New Orleans, LA
Aug 2013 – Present	Team Physician, Shaw High School, New Orleans, LA
Aug 2011 - Aug 2012	Assistant to Team Physicians, Chicago Bulls, NBA
Aug 2011 - Aug 2012	Assistant to Team Physicians, Chicago White Sox, MLB
Aug 2011 - Aug 2012	Assistant Team Physician, DePaul University Athletics
Aug 2011 - Aug 2012	Assistant Team Physician, Chicago Steel USHL Hockey Team
Jul 2010 - Jun 2011	Assistant to Team Physicians, Providence Bruins
Jul 2006 - 2010	Assistant to Team Physicians, Brown University
Jul 2006 - 2010	Assistant to Team Physicians, City of Providence High School Football Teams

EVENT COVERAGE

2013—Present	Allstate Sugar Bowl Physician Coverage
2018—Present	Rock N' Roll Marathon Tent Captain, New Orleans, LA
2013—Present	LHSAA State Football Championships Physician Coverage

April 16-17 2015	AVP Professional Beach Volleyball local tournament physician, New Orleans, LA
April 5, 2013	Louisiana Governor's Games fitness initiative, hosted by The Young Leadership Council. City Park, New Orleans, LA
Mar 26, 2012	McDonald's All American Jam Fest
Feb 12, 2012	IGI Chicago Style Gymnastics Meet