Russell A. Reeves, MD, MBA, MS

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Interventional Radiologist · Watertown, New York (Northern New York)
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Fellowship-trained interventional radiologist based in Northern New York. Board certified by the American Board of Radiology in Diagnostic Radiology and Interventional Radiology. Clinical interests include peripheral arterial and venous disease, Y90 radioembolization and other liver-directed cancer therapies, portal hypertension, hepatobiliary and lymphatic interventions, and image-guided pain procedures. Additional background in bioengineering, health-services research on imaging and procedure utilization, and business administration, with professional work in medical device consulting and expert witness review.

Education

2019 – 2023 — **Master of Business Administration (MBA), concentration in Leadership**
Thomas Jefferson University · Philadelphia, PA

2017 – 2018 — **Master of Science (MS), Bioengineering**
Clemson University · Clemson, SC
Thesis: The Detrimental Effects of Cigarette Smoke on Fracture Healing in a Bilateral Femur Fracture Rodent Model

2013 – 2017 — **Doctor of Medicine (MD)**
Geisel School of Medicine at Dartmouth · Hanover, NH

2007 – 2011 — **Bachelor of Arts (BA), Biology, cum laude**
The Johns Hopkins University · Baltimore, MD

Postgraduate training

2023 – 2024 — **Fellowship, Vascular and Interventional Radiology**
David Geffen School of Medicine at UCLA · Los Angeles, CA

2019 – 2023 — **Residency, Diagnostic Radiology, with Early Specialization in Interventional Radiology (ESIR)**
Thomas Jefferson University Hospital · Philadelphia, PA

2018 – 2019 — **Internship, Preliminary Internal Medicine**
University of Maryland Medical Center · Baltimore, MD

Board certification & credentials

2025 — **Board certified by the American Board of Radiology in Diagnostic Radiology and Interventional Radiology**

2023 — **Registered Physician in Vascular Interpretation (RPVI)**
APCA

Active medical licenses: New York, Maine, Pennsylvania, California

Professional experience

2024 – present	**Medical Director of Radiology** Samaritan Medical Center
2024 – present	**Interventional and diagnostic radiologist** Watertown, New York
2025 – present	**Founder and Principal Consultant** Russell Reeves LLC Medical expert and consulting services in diagnostic and interventional radiology: case review and expert opinion for legal matters, and advice to medical device and health technology companies on clinical adoption, workflow and product strategy.
2024 – present	**Medical expert witness, diagnostic and interventional radiology**
2021 – 2024	**Diagnostic radiology moonlighting** Olive View Medical Center (2023 – 2024); Radiology Partners – Desert Radiology, remote (2023 – 2024); A.I. DuPont Children's Hospital (2021 – 2023)

Honors & awards

2026	**Radiology Business Forty Under 40, Class of 2026**
2026	**NNY Business 20 Under 40, Class of 2026**
2023	**American Vein & Lymphatic Society (AVLS) Walter de Groot Scholarship**
2023	**Radiology Leadership Institute (RLI) Emerging Leader Scholarship, American College of Radiology**
2020, 2022, 2023	**Resident Teaching Award, Department of Radiology, Thomas Jefferson University**
2022	**RSNA Roentgen Resident Research Award**
2021	**ARRS Certificate of Merit (scientific exhibit, COVID-19 chest radiograph severity score)**
2017	**Freddie Fu Orthopedic Surgery Award, Geisel School of Medicine at Dartmouth**
2017	**Dartmouth-Mosenthal Surgical Society, inductee**
2014 – 2015	**Carolyn L. Kuckein Student Research Fellowship, Alpha Omega Alpha Honor Medical Society**

Professional interests

- Peripheral arterial disease and critical limb-threatening ischemia interventions
- Superficial and deep venous disease
- Y90 radioembolization and other liver-directed cancer therapies
- Portal hypertension, hepatobiliary and lymphatic interventions
- Image-guided pain procedures
- Imaging and procedure utilization, health-services and comparative-effectiveness research
- Medical device innovation, evaluation and consulting
- Medicolegal case review and expert witness work
- Radiology leadership and practice management

Research experience

2021 – 2023
Resident research, interventional radiology
Thomas Jefferson University
Radiomics to predict response to liver-directed therapy in metastatic uveal melanoma; selected for the 2021–2022 RSNA / ASNR / SIRF Comparative Effectiveness Research Training (CERT) program.

2017 – 2018
Research resident, Department of Orthopaedic Surgery
Medical University of South Carolina
Effects of cigarette smoke on endochondral vs. intramembranous fracture healing in a bilateral femur fracture model; national-database outcomes research.

2014 – 2015
Medical student research
Geisel School of Medicine at Dartmouth
MRI quantification of iron oxide nanoparticles (SWIFT-MRI) and alternating magnetic field optimization for nanoparticle hyperthermia.

2011 – 2013
Research assistant, Zachara Lab, Department of Biological Chemistry
Johns Hopkins School of Medicine
O-GlcNAc protein modification and cellular stress signaling.

Leadership & research training

2023 — **RLI Resident and Young Physician Leadership Program and RLI Summit**

2023 — **Radiology Leadership Institute (RLI) Learning to Lead Bootcamp**

2022 – 2023 — **RLI Resident Milestones Program: Economics and the Physician Role in Health Care Systems**

2022 — **Harvey L. Neiman Health Policy Institute: Introduction to Outcomes and Comparative Effectiveness Research**

2021 – 2022 — **RSNA / ASNR / SIRF Comparative Effectiveness Research Training (CERT)**

2021 – 2022 — **RSNA Value of Imaging through Comparative Effectiveness (VOICE); certificates in cost-effectiveness analysis and decision analysis (2022)**

2021 — **RSNA certificates: Health Economic Evaluation; Comparative Effectiveness Research; Health Services Research**

2020 – 2021 — **American College of Radiology RLI Leadership Essentials Program (certificate, 2021)**

Membership, service & peer review

Member, Society of Interventional Radiology (SIR)

2023 – 2024 — **Society of Interventional Radiology, Resident, Fellow, and Student Committee (Pain Management; Research and Innovation)**

2021 – 2022 — **Clinical Informatics Committee member, Thomas Jefferson University Hospital**

Ad hoc journal reviewer

- Journal of the American College of Radiology (2022 – 2023)
- International Journal of Colorectal Disease (2022)

- BMC Musculoskeletal Disorders (2021)
- Journal of Thoracic Imaging (2021)
- RSNA Case Collection (2020 – 2021)
- Journal of Arthroplasty (2021)
- Journal of Knee Surgery (2020)
- HSS Journal (2020)
- Anesthesiology Research and Practice (2020)

Publications

Indexed under ORCID 0000-0003-2376-5471. Other authors share the name Russell Reeves; only work by Russell A. Reeves, MD, MBA, MS is listed. Links go to PubMed or the publisher (DOI).

Peer-reviewed journal articles (35)

35. Tsiouplis NJ, **Reeves RA**. Authors' Reply: Trends in Focus: Fostering Transparency in Atherectomy Utilization for Peripheral Arterial Disease. *J Vasc Interv Radiol*. 2025;36(11):1802. *Letter (authors' reply).* PMID 41135978 · doi:10.1016/j.jvir.2025.07.020
34. Tsiouplis NJ, **Reeves RA**. Trends in Utilization of Common Tests and Procedures in Treating Peripheral Arterial Disease in the Medicare Population from 2011 to 2021. *J Vasc Interv Radiol*. 2025;36(4):709-714. *Corrected version republished in J Vasc Interv Radiol. 2025;36(11):1804-1810, with corrigendum at p. 1803.* PMID 39743135 · doi:10.1016/j.jvir.2024.12.589 · Corrected version doi:10.1016/j.jvir.2025.08.035 · Corrigendum
33. **Reeves RA**, Wu Y, Hanna EL, Holmes RE, Chiaramonti AM, Nadeau EK, Lin Z, Westbrook PA, Hefter GD, Walsh RC, Barfield WR, Pellegrini VD Jr. Cigarette Smoke Exposure Impairs Fracture Healing in a Rat Model: Preferential Impairment of Endochondral Over Membranous Healing. *J Biomech Eng*. 2025;147(1). *An earlier version was submitted to the Journal of Orthopaedic Research in 2021 ("Cigarette Smoke Exposure in a Bilateral Rodent Femur Fracture Model: II. Preferential Impairment of Endochondral Fracture Healing"); the work was published in this form.* PMID 39382482 · PMC12529440 · doi:10.1115/1.4066796
32. Parikh D, Choksi E, **Reeves R**, Winokur RS, Tan A, Weinstein J, Ford RW. Characterizing Trends in Chronic Superficial Venous Disease Treatment among Medicare Beneficiaries from 2010 to 2018. *J Vasc Interv Radiol*. 2024;35(2):301-307. PMID 37952874 · doi:10.1016/j.jvir.2023.11.003
31. Althoff AD, Vance K, Plain M, **Reeves RA**, Pierce J, Gwathmey FW, Werner BC. Evaluation of Achilles Tendon Stiffness as Measured by Shear Wave Elastography in Female College Athletes Compared With Nonathletes. *Sports Health*. 2024;16(1):12-18. PMID 36856196 · PMC10732119 · doi:10.1177/19417381231153657
30. Narayanan B, Sinha P, Henry R, **Reeves RA**, Paolocci N, Kohr MJ, Zachara NE. Cardioprotective O-GlcNAc signaling is elevated in murine female hearts via enhanced O-GlcNAc transferase activity. *J Biol Chem*. 2023;299(12):105447. PMID 37949223 · PMC10711226 · doi:10.1016/j.jbc.2023.105447
29. Narayanan B, Zahra F, **Reeves RA**, Aggarwal A, O'Meally RN, Henry RK, Craven M, Jacobson A, Cole RN, Kohr MJ, Umapathi P, Zachara NE. Differential Detection of O-GlcNAcylated proteins in the heart using antibodies. *Anal Biochem*. 2023;678:115262. PMID 37507081 · PMC10523836 · doi:10.1016/j.ab.2023.115262
28. Lee P, **Reeves RA**, Lee P, Leung SS, Rao V, Ford RW. Updated trends in percutaneous renal arteriography among radiologists and other specialties. *Clin Imaging*. 2023;102:14-18. PMID 37453303 · doi:10.1016/j.clinimag.2023.06.020
27. Ren P, Chen P, **Reeves RA**, Buchweitz N, Niu H, Gong H, Mercuri J, Reitman CA, Yao H, Wu Y. Diffusivity of Human Cartilage Endplates in Healthy and Degenerated Intervertebral Disks. *J Biomech Eng*. 2023;145(7). PMID 36752723 · PMC10159583 · doi:10.1115/1.4056871
26. **Reeves RA**, Miller CJ, Wang D, Ng A, Heller JE, Nazarian LN. Use of High-Resolution Ultrasound to Guide Alcohol Neurolysis for Chronic Pain. *Pain Physician*. 2022;25(8):E1297-E1303. PMID 36375203

25. Au C, **Reeves R**, Li Z, Gingold E, Halpern E, Sundaram B. Impact of multidetector computed tomography scan parameters, novel reconstruction settings, and lung nodule characteristics on nodule diameter measurements: A phantom study. *Med Phys*. 2022;49(6):3936-3943. PMID 35358333 · doi:10.1002/mp.15639
24. **Reeves RA**, Halpern EJ, Rao VM. Cardiac Imaging Trends from 2010 to 2019 in the Medicare Population. *Radiol Cardiothorac Imaging*. 2021;3(5):e210156. PMID 34778785 · PMC8581585 · doi:10.1148/ryct.2021210156
23. Henry RK, **Reeves RA**, Wackym PA, Ahmed OH, Hanft SJ, Kwong KM. Frailty as a Predictor of Postoperative Complications Following Skull Base Surgery. *Laryngoscope*. 2021;131(9):1977-1984. PMID 33645657 · doi:10.1002/lary.29485
22. **Reeves RA**, Hefter GD, Pellegrini VD Jr, Drew JM, Barfield WR, Demos HA. The Fate of Morbidly Obese Patients With Joint Pain: A Retrospective Study of Patient Outcomes. *J Arthroplasty*. 2021;36(9):3101-3107.e1. PMID 33757715 · doi:10.1016/j.arth.2021.02.069
21. Traven SA, Wolf GJ, Goodloe JB, **Reeves RA**, Woolf SK, Slone HS. Elevated BMI increases concurrent pathology and operative time in adolescent ACL reconstruction. *Knee Surg Sports Traumatol Arthrosc*. 2021;29(12):4182-4187. PMID 33682047 · doi:10.1007/s00167-021-06432-y
20. Fahie K, Narayanan B, Zahra F, **Reeves R**, Fernandes SM, Hart GW, Zachara NE. Detection and Analysis of Proteins Modified by O-Linked N-Acetylglucosamine. *Curr Protoc*. 2021;1(5):e129. PMID 34004049 · PMC8862748 · doi:10.1002/cpz1.129
19. **Reeves RA**, Pomeranz C, Gomella AA, Gulati A, Metra B, Hage AN, Lange S, Parekh M, Donuru A, Lakhani P, Sundaram B. Performance of a Severity Score on Admission Chest Radiography in Predicting Clinical Outcomes in Hospitalized Patients With Coronavirus Disease (COVID-19). *AJR Am J Roentgenol*. 2021;217(3):623-632. PMID 33112201 · doi:10.2214/AJR.20.24801
18. Althoff AD, **Reeves RA**, Traven SA, Slone HS, Deal DN, Werner BC. Risk Factors for Infection Following Total Wrist Arthroplasty and Arthrodesis: An Analysis of 6641 Patients. *Hand (N Y)*. 2021;16(5):657-663. PMID 31808356 · PMC8461204 · doi:10.1177/1558944719890036
17. Traven SA, **Reeves RA**, Walton ZJ, Woolf SK, Slone HS. Insulin-Dependence Predicts Surgical Complications and Hospital Admission following Knee Arthroscopy. *J Knee Surg*. 2021;34(9):1002-1006. PMID 31896139 · doi:10.1055/s-0039-3402803
16. Traven SA, Horn RW, **Reeves RA**, Walton ZJ, Woolf SK, Slone HS. The 5-Factor Modified Frailty Index Predicts Complications, Hospital Admission, and Mortality Following Arthroscopic Rotator Cuff Repair. *Arthroscopy*. 2020;36(2):383-388. PMID 31901389 · doi:10.1016/j.arthro.2019.08.036
15. Althoff AD, **Reeves RA**, Traven SA, Wilson JM, Woolf SK, Slone HS. Smoking is associated with increased surgical complications following total shoulder arthroplasty: an analysis of 14,465 patients. *J Shoulder Elbow Surg*. 2020;29(3):491-496. PMID 31519425 · doi:10.1016/j.jse.2019.07.012
14. Li Y, Chen X, Watkins B, Saini N, Gannon S, Nadeau E, **Reeves R**, Gao B, Pelligrini V, Yao H, Mercuri J, Ye T. Nonlabeling and quantitative assessment of chondrocyte viability in articular cartilage with intrinsic nonlinear optical signatures. *Exp Biol Med (Maywood)*. 2020;245(4):348-359. PMID 31910653 · PMC7370603 · doi:10.1177/1535370219896545
13. Traven SA, McGurk KM, **Reeves RA**, Walton ZJ, Woolf SK, Slone HS. Modified frailty index predicts medical complications, length of stay, readmission, and mortality following total shoulder arthroplasty. *J Shoulder Elbow Surg*. 2019;28(10):1854-1860. PMID 31202629 · doi:10.1016/j.jse.2019.03.009
12. Althoff AD, **Reeves RA**, Traven SA, Byrd M, Leddy LR, Slone HS. Smoking is associated with increased complications and readmission following extensor mechanism repair. *Knee Surg Sports Traumatol Arthrosc*. 2019;27(9):3048-3053. PMID 30612164 · doi:10.1007/s00167-018-5339-y
11. **Reeves RA**, Schairer WW, Jevsevar DS. The national burden of periprosthetic hip fractures in the US: costs and risk factors for hospital readmission. *Hip Int*. 2019;29(5):550-557. PMID 30270669 · doi:10.1177/1120700018803933
10. Traven SA, **Reeves RA**, Xerogeanes JW, Slone HS. Higher BMI predicts additional surgery at the time of ACL reconstruction. *Knee Surg Sports Traumatol Arthrosc*. 2019;27(8):2552-2557. PMID 30374577 · doi:10.1007/s00167-018-5267-x
9. Traven SA, **Reeves RA**, Althoff AD, Slone HS, Walton ZJ. New Five-Factor Modified Frailty Index Predicts Morbidity and Mortality in Geriatric Hip Fractures. *J Orthop Trauma*. 2019;33(7):319-323. PMID 30730361 · doi:10.1097/BOT.0000000000001455

8. Traven SA, **Reeves RA**, Walton ZJ, Woolf SK, Slone HS. Insulin Dependence Is Associated With Increased Medical Complications and Mortality After Shoulder Arthroscopy. *Arthroscopy*. 2019;35(5):1316-1321. PMID 30979624 · doi:10.1016/j.arthro.2018.11.059
7. Traven SA, **Reeves RA**, Slone HS, Walton ZJ. Frailty Predicts Medical Complications, Length of Stay, Readmission, and Mortality in Revision Hip and Knee Arthroplasty. *J Arthroplasty*. 2019;34(7):1412-1416. PMID 30930155 · doi:10.1016/j.arth.2019.02.060
6. Traven SA, **Reeves RA**, Sekar MG, Slone HS, Walton ZJ. New 5-Factor Modified Frailty Index Predicts Morbidity and Mortality in Primary Hip and Knee Arthroplasty. *J Arthroplasty*. 2019;34(1):140-144. PMID 30337252 · doi:10.1016/j.arth.2018.09.040
5. Althoff AD, **Reeves RA**, Robinson I, Barfield W, Hartsock L. Institutional delay in wound coverage increases postoperative complications in patients with traumatic open fractures. *Duke Orthop J*. 2019;9(1):30-34.
4. Wu Y, Hanna EL, Holmes RE, Lin Z, Chiaramonti AM, **Reeves RA**, McDonald DG, Vanek KN, Barfield WR, Yao H, Pellegrini VD Jr. External Beam Irradiation Preferentially Inhibits the Endochondral Pathway of Fracture Healing: A Rat Model. *Clin Orthop Relat Res*. 2018;476(10):2076-2090. PMID 30024459 · PMC6259865 · doi:10.1097/CORR.0000000000000395
3. **Reeves RA**, Schairer WW, Jevsevar DS. Costs and Risk Factors for Hospital Readmission After Periprosthetic Knee Fractures in the United States. *J Arthroplasty*. 2018;33(2):324-330.e1. PMID 29066112 · doi:10.1016/j.arth.2017.09.024
2. **Reeves RA**, DeWolf MC, Shaughnessy PJ, Ames JB, Henderson ER. Use of minimally invasive spine surgical instruments for the treatment of bone tumors. *Expert Rev Med Devices*. 2017;14(11):881-890. PMID 28958177 · doi:10.1080/17434440.2017.1386549
1. **Reeves RA**, Lee A, Henry R, Zachara NE. Characterization of the specificity of O-GlcNAc reactive antibodies under conditions of starvation and stress. *Anal Biochem*. 2014;457:8-18. PMID 24747005 · PMC4113912 · doi:10.1016/j.ab.2014.04.008

Book chapters (1)

1. **Reeves RA**, Pellegrini VD. Heterotopic Ossification. In: Lieberman JR, Berry DJ, eds. *Surgery of the Hip*. 2nd ed. Elsevier; 2019:1302-1314.

Conference proceedings (3)

3. Li Y, Nadeau E, **Reeves R**, Watkins B, Saini N, Chen X, Pellegrini V, Ye T, Basunia R, Gannon S, Yao H. Nondestructive method for chondrocyte viability assessment in articular cartilage tissues with nonlinear optical microscopy. *Multiphoton Microscopy in the Biomedical Sciences XIX*. Proc SPIE; 2019. doi:10.1117/12.2510746
2. Kastner EJ, **Reeves R**, Bennett W, Misra A, Petryk JD, Petryk AA, Hoopes PJ. Alternating magnetic field optimization for IONP hyperthermia cancer treatment. *Energy-based Treatment of Tissue and Assessment VIII*. Proc SPIE 9326; 2015. doi:10.1117/12.2083196
1. **Reeves R**, Petryk AA, Kastner EJ, Zhang J, Ring H, Garwood M, Hoopes PJ. SWIFT-MRI imaging and quantitative assessment of IONPs in murine tumors following intra-tumor and systemic delivery. *Energy-based Treatment of Tissue and Assessment VIII*. Proc SPIE 9326; 2015. doi:10.1117/12.2083129

Peer-reviewed online case reports (RSNA Case Collection) (9)

9. Magagna JM, **Reeves RA**. Scleroderma. *RSNA Case Collection*. 2022. doi:10.1148/cases.20227046
8. **Reeves RA**, Althoff AD, McClure KE. Subcapital Femoral Neck Fracture. *RSNA Case Collection*. 2021. doi:10.1148/cases.20213211
7. Miller C, **Reeves RA**, Nazarian LN. Testicular Sarcoidosis. *RSNA Case Collection*. 2021. doi:10.1148/cases.20214577
6. Gomella AA, **Reeves RA**, Naringrekar HV. Renal Medullary Carcinoma. *RSNA Case Collection*. 2021. doi:10.1148/cases.20211532
5. **Reeves RA**, Gomella AA, Hage AN, Ford RW. Superior Vena Cava Syndrome. *RSNA Case Collection*. 2020. doi:10.1148/cases.20203210
4. Trunz L, Deshmukh SP, Blumhof B, **Reeves RA**. Hereditary Hemorrhagic Telangiectasia (Osler-Weber-Rendu Syndrome). *RSNA Case Collection*. 2020. doi:10.1148/cases.20202004

3. **Reeves RA**, Gomella AA, Ford RW. Transhepatic Portosystemic Shunt (TIPS) for Variceal Bleeding. *RSNA Case Collection*. 2020. doi:10.1148/cases.20201823
2. **Reeves RA**, Gomella AA, Lakhani P. Pulmonary Aspergilloma. *RSNA Case Collection*. 2020. doi:10.1148/cases.20201774
1. **Reeves RA**, Gomella AA, Lakhani P. Intralobar Pulmonary Sequestration. *RSNA Case Collection*. 2020. doi:10.1148/cases.20201750

Peer-reviewed review chapters (StatPearls) (8)

8. **Reeves RA**, Sandhu PK. Radionuclide Cystography. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 33085424
7. **Reeves RA**, Kaufman T. Screening Mammography in Breast Cancer Detection. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 32644736
6. **Reeves RA**, Karsonovich T, Gorniak R. Neuroimaging In Epilepsy Surgery. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 32491672
5. Althoff AD, **Reeves RA**. Splinting. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 32491605
4. **Reeves RA**, Parekh M. Imaging of the Pituitary Gland. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 32310449
3. Corsino CB, **Reeves RA**, Sieg RN. Distal Radius Fractures. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 30725601
2. Medda S, **Reeves RA**, Pilson H. Subtrochanteric Femur Fractures. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 29939580
1. Szymanski JA, **Reeves RA**, Taqi M, Carter KR. Barton Fracture. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; updated regularly. PMID 29763081

Published abstracts (3)

3. **Reeves RA**, Wu Y, Hefter GD, Barfield WR, Yao H, Pellegrini VD. Establishment of a Cigarette Smoke-Exposure Protocol for the Study of Fracture Healing in a Bilateral Femur Fracture Model. Orthopaedic Research Society (ORS) 2019 Annual Meeting; Feb 2, 2019; Austin, TX. Poster abstract. doi:10.26226/morressier.5c8f9094b5d368000a26ac6e
2. Yildirir G, Lee A, **Reeves R**, Paruchuri VD, Hart GW, Arvanitis L, Zachara NE. Monoclonal Antibody H is a Novel O-GlcNAc Specific Antibody that Recognizes a Stress-Dependent Epitope on Vimentin. *Glycobiology*. 2013. Meeting abstract (Web of Science WOS:000326972400173).
1. **Reeves RA**, Lee A, Hart GW, Zachara NE. Characterization of the specificity of CTD110.6, an O-GlcNAc reactive antibody, under conditions of cellular starvation and stress. *Glycobiology*. 2012. Society for Glycobiology annual meeting abstract (Web of Science WOS:000310368700116).

Thesis (1)

1. **Reeves RA**. The Detrimental Effects of Cigarette Smoke on Fracture Healing in a Bilateral Femur Fracture Rodent Model. MS thesis, Clemson University. All Theses 3241; 2018. Full text

Presentations

Oral presentations (28)

28. Tsiouplis N, **Reeves RA**. Trends in Diagnosis and Treatment of Peripheral Arterial Disease in the Medicare Population from 2011 to 2021. Society of Interventional Radiology Annual Meeting. Salt Lake City, UT. Mar 23-28, 2024.
27. **Reeves RA**. Trainee Case Presentation – Upper Extremity Arteriovenous Malformation Embolization. 10th Annual Western Interventional Next Generations Symposium (WINGS). Los Angeles, CA. Mar 4, 2024.
26. **Reeves RA**, Quinn B. Difficult retroperitoneal biopsy made simple using intravascular ultrasound. Society of Interventional Radiology Virtual Angioclub. Virtual. Sept 28, 2023.

25. Parikh D, Choksi E, **Reeves RA**, Winokur RS, Tan A, Weinstein J, Ford RW. Assessment of Change in Treatment Modalities Used for Chronic Venous Disease and Elimination of Axial Vein Reflux. Society of Interventional Radiology Annual Meeting. Phoenix, AZ. March 4-9, 2023.
24. Mitchell A, Lopez O, Adaramola O, …, **Reeves RA**, et al. Scholarly Activity in Busy Academic Settings Enabled by Point-of-Care Collaboration. American Society of Neuroradiology annual meeting 2023. Chicago, IL. April 29-May3, 2023.
23. Okoro C, Lopez O, Adaramola O, …, **Reeves RA**, et al. Point-of-Care Radiology Education for Medical Students. American Roentgen Ray Society Annual Meeting. Honolulu, HI. April 16-20, 2023.
22. **Reeves RA**, Halpern EJ, Rao VM. Diagnostic Radiology Trainee Caseloads from 2010-2019: A Shifting Paradigm in Trainee Education. National Medical Association, Region II, 3rd Annual Student, Resident & Fellow Research Symposium. Virtual. April 2021.
21. **Reeves RA**, Donruru A. Malignant Effusive-Constrictive Pericarditis: Chicken or the Egg? Society for Thoracic Radiology (STR) Annual Meeting. Virtual. March 2021.
20. **Reeves RA**. The New Normal During COVID-19: Transient or Long-Lasting Impact? Pennsylvania Roentgen Ray Society Meeting. Philadelphia, PA. September 2020.
19. Henry R, **Reeves RA**, Kwong K, Park, RC. A population-based analysis of frailty as a predictor of perioperative complications after cranial base surgeries. American Head and Neck Society 10th International Conference on Head and Neck Cancer. Chicago, IL. July 2020.
18. Althoff AD, **Reeves RA**, Traven SA, Slone HS, Deal DN, Werner BC. Risk Factors for Infection Following Wrist Arthroplasty and Arthrodesis: An Analysis of 6,641 Patients. Virginia Orthopedic Society Annual Meeting. Virginia Beach, VA. May 2020.
17. Althoff AD, **Reeves RA**, Traven SA, Slone H, Deal N, Werner BW. Risk Factors for Infection Following Total Wrist Arthroplasty and Arthrodesis: An Analysis of 6,641 Patients. Society of Military Orthopedic Surgeons. Palm Beach, FL. December 2019.
16. Althoff AD, **Reeves RA**, Traven SA, Wilson J, Woolf S, Slone H. Smoking is Associated with Increased Surgical Complications Following Total Shoulder Arthroplasty: An Analysis of 14, 465 Patients. Society of Military Orthopedic Surgeons. Palm Beach, FL. December 2019.
15. Traven SA, Horn RW, **Reeves RA**, Walton ZJ, Slone HS. The 5-Factor Modified Frailty Index Predicts Complications, Hospital Admission, and Mortality Following Arthroscopic Rotator Cuff Repair. Society of Military Orthopaedic Surgeons. Palm Beach, FL. December 2019.
14. Traven SA, Wolf GJ, **Reeves RA**, Woolf SK, Slone HS. Elevated BMI Predicts Prolonged Operative Time and Concurrent Surgical Pathology at the Time of Pediatric and Adolescent ACL Reconstruction. Society of Military Orthopaedic Surgeons. Palm Beach, FL. December 2019.
13. Althoff AD, **Reeves RA**, Traven SA, Wilson J, Woolf SK, Slone HS. Smoking is Associated with Increased Surgical Complications Following Total Shoulder Arthroplasty: An Analysis of 14,465 Patients. Eastern Orthopaedic Association. October 2019.
12. Traven SA, Wolf GJ, **Reeves RA**, Woolf SK, Slone HS. Elevated BMI Predicts Prolonged Operative Time and Concurrent Surgical Pathology at the Time of Pediatric and Adolescent ACL Reconstruction. Eastern Orthopaedic Association. October 2019.
11. Traven SA, **Reeves RA**, Xerogeanes J, Slone HS. Higher BMI Predicts Additional Surgery in the Setting of ACL Reconstruction Surgery. Presented at the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Meeting. May 2019
10. Traven SA, **Reeves RA**, Walton ZJ, Woolf SK, Slone HS. Insulin Dependence is Associated with an Increased Risk of Complications Following Shoulder and Knee Arthroscopy. Presented at the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Meeting. May 2019.
9. Traven SA, **Reeves RA**, Slone HS, Walton ZJ. The Modified Frailty Index Predicts Morbidity and Mortality in Revision Total Joint Arthroplasty. Society of Military Orthopaedic Surgeons Annual Meeting. December 2018.
8. Traven SA, **Reeves RA**, Xerogeanes J, Slone HS. Higher BMI Predicts Additional Surgery at the Time of ACL Reconstruction. Society of Military Orthopaedic Surgeons Annual Meeting. December 2018.
7. **Reeves RA**, Wu Y, Hefter GD, Barfield WR, Pellegrini VD. Cigarette Smoke Induces Nutritional Deprivation and Impaired Fracture Healing. Eastern Orthopaedic Association 49th Annual Meeting. Amelia Island, FL. October 18, 2018.

6. Haskin BL, **Reeves RA**, Simpson K. The Costs and Rate of Readmission Following Outpatient Arthroplasty Surgery. South Carolina Orthopaedic Association Annual Meeting. Kiawah Island, SC. August 3, 2018.
5. **Reeves RA**, Chiaramonti AM, Gregory J, Orland K, Barfield WR, Drew JM, Pellegrini VD. Geographic Variation in Total Hip and Knee Arthroplasty Utilization is Influenced by Orthopaedic Residency Programs. American Orthopaedic Association Annual Leadership Meeting. Boston, MA. June 26, 2018.
4. **Reeves RA**, Schairer WW, Jevsevar DJ. Costs and Risk Factors for Hospital Readmission after Periprosthetic Knee Fractures in the United States. Presented at the American Academy of Orthopaedic Surgeons Annual Meeting. March 2018.
3. **Reeves RA**, Chiaramonti AM, Gregory J, Orland K, Barfield WR, Drew JM, Wennberg JE, Pellegrini VD. Geographic Variation in Total Hip and Knee Arthroplasty Utilization: Influence of Nonmedical Factors. The Hip Society Annual Meeting. August 2017.
2. Kastner EJ, **Reeves RA**, Bennett W, Misra A, Petryk JD, Petryk AA, Hoopes PJ. Alternating magnetic field optimization for IONP hyperthermia cancer treatment. Presented at SPIE Energy-based Treatment of Tissue and Assessment VIII. San Francisco, CA. February 2015.
1. **Reeves RA**, Petryk AA, Kastner EJ, Zhang J, Ring H, Garwood M, Hoopes PJ. SWIFT-MRI imaging and quantitative assessment of IONPs in murine tumors following intra-tumor and systemic delivery. Presented at SPIE Energy-based Treatment of Tissue and Assessment VIII. San Francisco, CA, February 2015.

Poster and exhibit presentations (34)

34. Tsiouplis N, Miller, JM, **Reeves RA**. Financial Incentives May Be a Key Driver of Atherectomy Utilization for Peripheral Arterial Disease in the Office-Based Lab. American College of Radiology Annual Meeting. Washington, DC. April 2024.
33. Tsiouplis N, **Reeves RA**. Trends in Diagnosis and Treatment of Peripheral Arterial Disease in the Medicare Population from 2011-2021. International Symposium on Endovascular Therapy (ISET). Miami Beach, FL. Jan 22-25, 2024.
32. **Reeves RA**, Winokur R, Ford RW. Trendsetting: The Shift Towards Less Invasive Superficial Vein Treatments. 2023 Union of Phlebology (UIP) World Congress & American Vein & Lymphatic Society (AVLS) 37th Annual Congress. Miami Beach, FL. September 17-21, 2023.
31. Lee P, Gadepally R, Gomella A, **Reeves RA**, Leung S, Kim P, Selvarajan S. The Drain Check: Lost Art or Unnecessary Follow-up? Cardiovascular and Interventional Radiological Society of Europe. Copenhagen, Denmark. September 9-13, 2023. (Paper no. 14079)
30. Yang M, Yang L, Hu-Wang E, …, **Reeves RA**, et al. Point-of-Care Pediatric Neuroradiology Education for Medical Students. American Society of Pediatric Neuroradiology Annual Scientific Meeting. New Orleans, LA. January 13-15, 2023.
29. Appiakannan H, Gadepally R, **Reeves RA**, Ford R, Winokur R. Turf wars in radiology: competitors or collaborators? Cardiovascular and Interventional Radiological Society of Europe. Barcelona, Spain. September 10, 2022.
28. **Reeves RA**, Rao VM, Flanders A. Utilization Trends of Advanced Imaging in the Emergency Room Setting: An Alarming Trend. ePoster: American Society of Neuroradiology Annual Meeting. Virtual. May 22, 2021.
27. **Reeves RA**, Pomeranz C, Gomella AA, Gulati A, Metra B, Hage A, Sundaram B. Outcome Predictive Performance of Admission Chest Radiographs in Hospitalized COVID-19 Patients: A Retrospective Cohort of 240 Patients. Scientific electronic exhibit: American Roentgen Ray Society Meeting. Virtual. April 2021. *Received a 2021 ARRS Certificate of Merit.*
26. Lee P, **Reeves RA**, Leung S, Ford R. Trends in Percutaneous Extremity Venography Among Radiologists and Other Specialties. ePoster: Society of Interventional Radiology Annual Scientific Meeting. Virtual. March 20, 2021.
25. Lee P, **Reeves RA**, Leung S, Ford R. Trends in Percutaneous Renal Arteriography Among Radiologists and Other Specialties. ePoster: Society of Interventional Radiology Annual Scientific Meeting. Virtual. March 20, 2021.
24. Lee P, **Reeves RA**, Leung S, Ford R. Trends in Percutaneous Injection Procedures for the Treatment of Extremity Pseudoaneurysms Among Radiologists and Other Specialties. ePoster: Society of Interventional Radiology Annual Scientific Meeting. Virtual. March 20, 2021.
23. **Reeves RA**, Pomeranz C, Gomella AA, Gulati A, Metra B, Sundaram B. Outcome Predictive Performance of Admission Chest Radiographs in Hospitalized COVID-19 Patients: A Retrospective Cohort of 240 Patients. Poster Presentation: Society for Thoracic Radiology (STR) Annual Meeting. Virtual. March 2021.
22. Ye T, Li Y, Nadeau E, **Reeves RA**, Le M, Lutas M, Watkins B, Gannon S, Fan H, Pellegrini VD, Yao H, Wu Y. Cigarette Smoke Exposure Increases Severity of Cartilage Degradation in Rats with Femoral Fractures. Poster presentation: Orthopaedic Research Society Annual Meeting. Virtual. February 12, 2021.

21. **Reeves RA**, Rosenkrantz AB, Rao VM. In-Office Orthopedic MRI: Self-Referral Patterns at the Individual Surgeon Level. Poster presentation: Radiological Society of North America (RSNA) Annual Meeting. Virtual. November 29, 2020.
20. Althoff AD, **Reeves RA**, Traven SA, Slone HS, Deal DN, Werner BC. Risk Factors for Infection Following Wrist Arthroplasty and Arthrodesis: An Analysis of 6,641 Patients. Poster presentation: Virginia Orthopaedic Society Annual Meeting. Virginia Beach, VA. May 2020.
19. Traven S.A., Wolf G.J., **Reeves R.A.**, Woolf S.K., Slone H.S. Elevated BMI Predicts Prolonged Operative Time and Concurrent Surgical Pathology at the Time of Pediatric and Adolescent ACL Reconstruction. The American Orthopaedic Association (AOA) annual meeting, Baltimore, MD (2020).
18. Traven S.A., Horn R.W., **Reeves R.A.**, Walton Z.J., Woolf S.K, Slone H.S. The 5-Factor Modified Frailty Index Predicts Complications, Hospital Admission, and Mortality Following Arthroscopic Rotator Cuff Repair. The American Orthopaedic Association (AOA) annual meeting, Baltimore, MD (2020).
17. Reilly CA, **Reeves RA**, Werth PM, Titus AJ, Keeney BJ, Moschetti WE, Jevsevar DS, Lurie JD, Henderson ER. Patient Knowledge is Associated with Discharge Destination after Total Knee Arthroplasty. American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting 2019. Dallas, TX. November 9, 2019.
16. Traven SA, McGurk K, **Reeves RA**, Walton ZJ, Woolfe SK, Slone HS. Frailty Predicts Medical Complications, Readmission and Mortality in Total Shoulder Arthroplasty. Poster presented at the Southern Orthopaedic Association Annual Meeting. July 2019.
15. **Reeves RA**, Wu Y, Hefter GD, Barfield WR, Yao H, Pellegrini VD. Establishment of a Cigarette Smoke Exposure Protocol for the Study of Fracture Healing in a Bilateral Femur Fracture Model. Poster presented at the American College of Physicians Annual Meeting. Baltimore, MD. May 2019.
14. Traven SA, **Reeves RA**, Walton ZJ, Slone HS. Insulin Dependence Predicts Morbidity and Mortality Following Shoulder Arthroscopy. Poster presented at the Arthroscopy Association of North America Annual Meeting. May 2019
13. Traven SA, **Reeves RA**, Xerogeanes J, Slone HS. Higher BMI Predicts Additional Surgery in the Setting of ACL Reconstruction Surgery. Poster presented at the Arthroscopy Association of North America Annual Meeting. May 2019
12. Nadeau E, **Reeves RA**, Li Y, Basunia R, Ye J, Wu Y, Ye T, Pellegrini VD. Cigarette Smoke Exposure Reduces Articular Chondrocyte Viability and Increases Cartilage Degradation. Poster presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2, 2019
11. **Reeves RA**, Hefter GD, Wu Y, Nadeau E, Walsh R, Barfield WR, Yao H, Pellegrini VD. Cigarette Smoke Exposure Preferentially Impairs Endochondral Fracture Healing: Micro-CT Analysis. Poster presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2, 2019
10. **Reeves RA**, Nadeau E, Kelly RR, Wu Y, Barfield WR, LaRue A, Pellegrini VD. Circulating Osteoprogenitor Cell Number is Altered with Cigarette Smoke Exposure After Bilateral Femur Fracture. Poster presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2, 2019
9. Nadeau, E., Reeves, R.A., Hefter, G.D., Wu, Y., Barfield, W.R., Pellegrini, V.D. Preferential Effect of Cigarette Smoke on Cartilage Tissue Area During Fracture Healing. Poster presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2, 2019
8. Walsh RC, **Reeves RA**, Wu Y, Hefter GD, Nadeau E, Lee E, Barfield WR, Pellegrini VD. Effects of Cigarette smoke on the Mechanical Strength of Femur Fracture Healing. Poster presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2, 2019
7. Traven SA, **Reeves RA**, Slone HS, Walton ZJ. New 5-Factor Frailty Index Predicts Morbidity and Mortality in Primary Total Hip Arthroplasty. American Academy of Hip and Knee Surgeons Annual Meeting. November 2018.
6. Traven SA, **Reeves RA**, Slone HS, Walton ZJ. New 5-Factor Frailty Index Predicts Morbidity and Mortality in Primary Total Knee Arthroplasty. American Academy of Hip and Knee Surgeons Annual Meeting. November 2018.
5. **Reeves RA**, Johnson C, Guess SM, Eichinger JK, Friedman R. Are Total Joint Arthroplasty Patients Becoming More Obese Over Time? South Carolina Orthopaedic Association. Kiawah Island, SC. August 2, 2018.
4. **Reeves RA**, Williams RD, Guess SM, Balmer J, Haskin BL, Hefter GD, Barfield, WB, Pellegrini, VD, Drew, JM, Demos, HA; Too Fat for Joint Replacement: The Fate of the Morbidly Obese Patient with Joint Pain. Poster presented at the Medical University of South Carolina Annual Research Day. Charleston, SC. November 2017.

3. **Reeves RA**, Chiaramonti AM, Gregory J, Orland K, Barfield WR, Drew JM, Pellegrini VD. Geographic Variation in Total Hip and Knee Arthroplasty Utilization is Influenced by Orthopaedic Residency Programs. Poster presented at the Medical University of South Carolina Annual Research Day. Charleston, SC. November 2017.
2. **Reeves RA**, Lee A, Hart GW, and Zachara NE; Characterization of the Specificity of CTD110.6, an O-GlcNAc Reactive Antibody, Under Conditions of Cellular Starvation and Stress. Poster presented at the Society for Glycobiology annual meeting. San Diego, CA. November 2012.
1. Yildirir G, Lee A, **Reeves R**, Paruchuri VD, Hart GW, Arvantitis L & Zachara NE; Epitope H, a Novel O-GlcNAc Specific Antibody Which Recognizes a Stress-Dependent Epitope. Poster presented at the 15th Annual Glycobiology Symposium. San Diego, CA, March 2012
