



Derek F. Amanatullah, M.D., Ph.D.

Associate Professor of Orthopaedic Surgery

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Joint Replacement Center**

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Redwood City, CA 94063

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Katrina Souza - Administrative Associate

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Tel 650-497-5352

Bio

BIO

Dr. Amanatullah specializes in hip and knee replacements for individuals with osteoarthritis, rheumatoid arthritis, infectious arthritis and avascular necrosis. He also performs revision surgeries of knee and hip implants with problems.

CLINICAL FOCUS

- Orthopaedic Surgery

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Orthopaedic Surgery
- Member, Bio-X

HONORS AND AWARDS

- Transplantation and Infection, Stanford Medicine: Institute of Immunity (**June 2017)
- BioDesign Faculty Fellowship, Stanford University (**January 2017)
- Traveling Fellowship, The Hip Society Rothman-Ranawat (**March 2016)
- Young Investigators Initiative Program, U.S. Bone and Joint Initiative (November 2017)
- Blue Ribbon Award, Orthopedics (December 2016)
- Blue Ribbon Award, Orthopedics (November 2016)
- Poster Award, Western Orthopaedics Association (September 2016)
- Young Investigator Award, Western Orthopaedics Association (September 2016)
- AAOS Representative, National Obesity Collaborative Summit (September 2015)
- Emerging Leader, American Orthopaedic Association (September 2015)
- New Investigator Workshop, Orthopaedic Research Society (May 2014)
- Young Investigator Research Symposium, Mayo Clinic (March 2014)

- Foundation Scholarship, Current Concepts in Joint Replacement (December 2013)
- Presentation Award, International Society for Technology in Arthroplasty (October 2013)
- Sanford and Darlene Anzel Award, Western Orthopaedic Association (June 2012)
- Traveling Clinical Scientist Program, International Cartilage Research Society-Stryker (May 2012)
- Lloyd W. Taylor Resident Award, California Orthopaedic Association (April 2012)
- Vernon Thompson Award, Western Orthopaedic Association (July 2011)
- J. Harold LaBriola Resident Award, California Orthopaedic Association (May 2011)
- Clinical Scientist Development Program, American Academy of Orthopaedic Surgeons (October 2010)
- Residents and Fellows Traveling Scholarship, American Society for Surgery of the Hand (October 2010)
- Francis W. Noel Award, University of California – Davis (April 2010)
- J. Harold LaBriola Resident Award, California Orthopaedic Association (April 2010)
- Northern California Chapter, Resident Award, Western Orthopaedic Association (April 2010)
- Orthopaedic Research Fellowship, Dr. Denny and Jeanene Dickenson (July 2009 – June 2010)
- Medical Scientist Training Program, Albert Einstein College of Medicine (July 1998 – June 2007)
- Moore Scholarship, Alpha Epsilon Delta (November 1998)
- Cancer Research Training Program, National Cancer Institute (June 1998)
- Cancer Research Training Program, National Cancer Institute (June 1996)
- Academic Excellence in Biomedical Engineering Award, Fred S. Grodins (April 1998)
- Magna Cum Laude, University of Southern California (April 1998)
- Order of the Laurel, University of Southern California (April 1998)
- Order of the Palm, University of Southern California (April 1998)
- Outstanding Achievement in Leadership Award, Engineering Alumni Association (April 1998)
- Dean's List, University of Southern California (August 1994 - May 1998)
- Dean's Scholarship, University of Southern California (August 1994 - May 1998)
- Engineering Honor Society, W.V.T. Rusch (August 1994 - May 1998)
- Golden State Scholarship, University of Southern California (August 1994 - May 1998)
- Cancer Research Training Program, National Cancer Institute (June 1997)
- Academic Honors Award, Phi Kappa Phi (February 1996)
- Trojan Alumni Scholarship, University of Southern California Alumni Association (August 1994)
- Valedictorian, Pinewood High School (May 1994)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, International Cartilage Research Society (2011 - present)
- Member, Orthopaedic Research Society (2010 - present)
- Candidate Member, American Academy of Hip and Knee Surgeons (2010 - present)
- Resident Member, California Orthopaedic Association (2007 - present)
- Resident Member, American Academy of Orthopaedic Surgery (2007 - present)
- Member, American Medical Association (1998 - present)
- Member, University of Southern California, General Alumni Association (1998 - present)
- Member, University of Southern California, Skull and Dagger Society (1998 - present)

- Lifetime Member, Phi Kappa Phi All-University National Honor Society (1998 - present)
- Member, Mortar Board National Honor Society (1997 - present)
- Member, Tau Beta Pi Engineering Honor Society (1997 - present)

PROFESSIONAL EDUCATION

- Medical Education: Albert Einstein College of Medicine (2007) NY
- Fellowship, Stanford University , BioDesign (2017)
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2016)
- Fellowship: Mayo Clinic Rochester (2014) MN
- Residency: University of California Davis Medical Center (2013) CA
- Internship: University of California Davis Medical Center (2008) CA
- Fellowship, Mayo Clinic , Lower Extremity Adult Reconstruction (2014)
- International Fellowship, University Hospitals Coventry and Warwickshire , Lower Extremity Adult Reconstruction (2013)
- Residency, University of California – Davis Medical Center , Orthopaedic Surgery (2013)
- Traveling Fellowship, International Cartilage Repair Society , Cartilage Regeneration (2012)
- Doctor, Albert Einstein College of Medicine of Yeshiva University , Medicine (2007)
- Doctor, Albert Einstein College of Medicine of Yeshiva University , Philosophy in Cell Biology (2007)
- Master of Science, Albert Einstein College of Medicine of Yeshiva University , Developmental and Molecular Biology (2001)
- Bachelor of Science, University of Southern California , Biomedical Engineering (1998)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Jonathan Lee

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Adult Reconstruction (Fellowship Program)

Publications

PUBLICATIONS

- **Host and Microbial Characteristics Associated with Recurrent Prosthetic Joint Infections.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Hampton, J. P., Zhou, J. Y., Kameni, F. N., Espiritu, J. R., Manasherob, R., Cheung, E., Miller, M. D., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2023
- **Is Operative Time Associated With Obesity-related Outcomes in TKA?** *Clinical orthopaedics and related research*
Abella, M. K., Angeles, J. P., Finlay, A. K., Amanatullah, D. F.
2023
- **Selecting a High-dose Antibiotic-laden Cement Knee Spacer.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Hollyer, I., Ivanov, D., Kappagoda, S., Lowenberg, D. W., Goodman, S. B., Amanatullah, D. F.

2023

- **Arthroplasty for femoral neck fractures is at risk for under restoration of lateral femoral offset.** *Hip international : the journal of clinical and experimental research on hip pathology and therapy*
Shah, H. N., Barrett, A. A., Finlay, A. K., Arora, P., Bellino, M. J., Bishop, J. A., Gardner, M. J., Miller, M. D., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2023: 11207000231169914
- **Does Operative Time Modify Obesity-related Outcomes in THA?** *Clinical orthopaedics and related research*
Abella, M. K., Angeles, J. P., Finlay, A. K., Amanatullah, D. F.
2023
- **Assessment of Team Dynamics and Operative Efficiency in Hip and Knee Arthroplasty.** *JAMA surgery*
Cousins, H. C., Cahan, E. M., Steere, J. T., Maloney, W. J., Goodman, S. B., Miller, M. D., Huddleston, J. I., Amanatullah, D. F.
2023
- **Immune checkpoint upregulation in periprosthetic joint infection.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Warren, S. I., Charville, G. W., Manasherob, R., Amanatullah, D. F.
2022
- **Migration Patterns for Revision Total Knee Arthroplasty in the United States as Reported in the American Joint Replacement Registry.** *The Journal of arthroplasty*
Lawson, K. A., Chen, A. F., Springer, B. D., Illgen, R. L., Lewallen, D. G., Huddleston, J. I., Amanatullah, D. F.
2021
- **Perioperative Statin Use May Reduce Postoperative Arrhythmia Rates After Total Joint Arthroplasty.** *The Journal of arthroplasty*
Bonano, J. C., Aratani, A. K., Sambare, T. D., Goodman, S. B., Huddleston, J. I., Maloney, W. J., Burk, D. R., Aaronson, A. J., Finlay, A. K., Amanatullah, D. F.
2021
- **The CARDE-B Scoring System Predicts 30-Day Mortality After Revision Total Joint Arthroplasty.** *The Journal of bone and joint surgery. American volume*
Raad, M., Amin, R., Musharbash, F., Rao, S., Best, M., Amanatullah, D. F.
2021
- **Tolerant Small-colony Variants Form Prior to Resistance Within a Staphylococcus aureus Biofilm Based on Antibiotic Selective Pressure.** *Clinical orthopaedics and related research*
Manasherob, R. n., Mooney, J. A., Lowenberg, D. W., Bollyky, P. L., Amanatullah, D. F.
2021
- **A Small Amount of Retraction Force Results in Inadvertent Piriformis Muscle Damage During a Piriformis-Sparing Approach to the Hip.** *The Journal of bone and joint surgery. American volume*
Amanatullah, D. F., Shah, H. N., Barrett, A. A., Storaci, H. W.
2020
- **The routine use of synovial alpha-defensin is not necessary.** *The bone & joint journal*
Amanatullah, D. F., Cheng, R. Z., Huddleston Iii, J. I., Maloney, W. J., Finlay, A. K., Kappagoda, S. n., Suh, G. A., Goodman, S. B.
2020; 102-B (5): 593–99
- **Surgery Before Subspecialty Referral for Periprosthetic Knee Infection Reduces the Likelihood of Infection Control.** *Clinical orthopaedics and related research*
Song, S. Y., Goodman, S. B., Suh, G., Finlay, A. K., Huddleston, J. I., Maloney, W. J., Amanatullah, D. F.
2018
- **Venous Thromboembolism Prophylaxis After TKA: Aspirin, Warfarin, Enoxaparin, or Factor Xa Inhibitors?** *Clinical orthopaedics and related research*
Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2017
- **Elevated Body Mass Index Is Associated With Early Total Knee Revision for Infection** *JOURNAL OF ARTHROPLASTY*
Electricwala, A. J., Jethanandani, R. G., Narkbunnam, R., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2017; 32 (1): 252-255
- **Greater inadvertent muscle damage in direct anterior approach when compared with the direct superior approach for total hip arthroplasty.** *The bone & joint journal*

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- Amanatullah, D. F., Masini, M. A., ROGER, D. J., Pagnano, M. W.
2016; 98-B (8): 1036-1042
- **The PJI-TNM classification for periprosthetic joint infections.** *Bone & joint research*
Baertl, S., Rupp, M., Kerschbaum, M., Morgenstern, M., Baumann, F., Pfeifer, C., Worlicek, M., Popp, D., Amanatullah, D. F., Alt, V.
2024; 13 (1): 19-27
 - **An External Acetabular Alignment Guide Decreases Positional Variance.** *Surgical technology international*
Wadhwa, H., Warren, S. I., Oladeji, K., Finlay, A. K., Huddleston, J. I., Amanatullah, D. F.
2023; 43
 - **Costs and Outcomes of Total Joint Arthroplasty in Medicare Beneficiaries Are Not Meaningfully Associated with Industry Payments.** *The Journal of bone and joint surgery. American volume*
Wadhwa, H., Leung, C., Sklar, M., Malacon, K., Rangwalla, T., Williamson, T., Castillo, T. N., Amanatullah, D. F., Zygoourakis, C. C.
2023
 - **Is There Variation in Time to and Type of Treatment for Hip Osteoarthritis Based on Insurance?** *The Journal of arthroplasty*
Chakraborty, A., Zhuang, T., Shapiro, L. M., Amanatullah, D. F., Kamal, R. N.
2023
 - **Preoperative Versus Perioperative Risk Factors for Delayed Pain and Opioid Cessation After Total Joint Arthroplasty: A Prospective Cohort Study.** *Pain and therapy*
Hah, J. M., Vialard, J. D., Efron, B., Mackey, S. C., Carroll, I. R., Amanatullah, D. F., Narasimhan, B., Hernandez-Boussard, T.
2023
 - **Lack of alignment between orthopaedic surgeon priorities and patient expectations in total joint arthroplasty.** *Patient safety in surgery*
Shah, H. N., Barrett, A. A., Le, P. H., Arora, P., Kamal, R. N., Amanatullah, D. F.
2023; 17 (1): 17
 - **Practice Changes Induced by a Traveling Fellowship.** *The journal of knee surgery*
Hollyer, I., Cabell, A. C., Duncan, S., Rossi, S. M., Sculco, P. K., Barnes, L., Amanatullah, D. F.
2023
 - **AOA Critical Issues Symposium: Shaping the Impact of Artificial Intelligence within Orthopaedic Surgery.** *The Journal of bone and joint surgery. American volume*
Patel, A. A., Schwab, J. H., Amanatullah, D. F., Divi, S. N.
2023
 - **Single, Recurrent, Synchronous, and Metachronous Periprosthetic Joint Infections in Patients who have Multiple Hip and Knee Arthroplasties.** *The Journal of arthroplasty*
Lee, J. J., Oladeji, K., Sweeney, B., Chakoma, T., Arora, P., Finlay, A. K., Amanatullah, D. F.
2023
 - **Comparing Unicompartmental Knee Arthroplasty and High Tibial Osteotomy for Isolated Medial Compartment Knee Osteoarthritis.** *JBJS reviews*
Goodell, P. B., Johansen, P. M., Bartels, D. W., Sherman, S. L., Amanatullah, D. F.
2023; 11 (3)
 - **Complications, Implant Survivorships, and Functional Outcomes of Conversion Total Knee Arthroplasty with Prior Hardware.** *The Journal of arthroplasty*
Apinyankul, R., Hui, A. Y., Hwang, K., Segovia, N. A., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2023
 - **Pes Planovalgus Is Associated with Increased Comorbidities and Poor Outcomes After Total Knee Arthroplasty.** *Journal of surgical orthopaedic advances*
Mitchell, A. R., Oladeji, K. A., Bonano, J. C., Bala, A., Amanatullah, D. F.
2023; 32 (3): 202-206
 - **Identifying Risk Factors for Complication and Readmission for Same-day Discharge Arthroplasty.** *The Journal of arthroplasty*
Abella, M. K., Ezeanyika, C. N., Finlay, A. K., Amanatullah, D. F.
2022
 - **Revision hip arthroplasty using a modular, cementless femoral stem: long-term follow-up.** *The Journal of arthroplasty*
Valtanen, R. S., Hwang, K. L., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.

2022

- **Outcome of the Wagner Cone femoral component for difficult anatomical conditions during total hip arthroplasty.** *International orthopaedics*
Lawson, K., Hwang, K. L., Montgomery, S., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2022
- **A Pilot Program: Remote Summer Program to Improve Opportunity and Mentorship Among Underrepresented Students Pursuing Orthopaedic Surgery.** *JB & JS open access*
Hastings, K. G., Freiman, H. D., Amanatullah, D. F., Gardner, M. J., Frick, S., Shea, K. G.
2022; 7 (4)
- **Isolated Versus Full Component Revision In Total Knee Arthroplasty For Aseptic Loosening.** *The Journal of arthroplasty*
Apinyankul, R., Hwang, K., Segovia, N. A., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2022
- **The Impact of Extended Trochanteric Osteotomy with Cerclage Fixation in Revision Total Hip Arthroplasty for Prosthetic Joint Infection.** *The Journal of arthroplasty*
Whittaker, M. J., Arora, P., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2022
- **Costs and benefits of routine hemoglobin A1c screening prior to total joint arthroplasty: a cost-benefit analysis** *CURRENT ORTHOPAEDIC PRACTICE*
Zhuang, T., Shapiro, L. M., Amanatullah, D. F., Maloney, W. J., Kamal, R. N.
2022; 33 (4): 338-346
- **Health Literacy and Patient Participation in Shared Decision-Making in Orthopedic Surgery** *ORTHOPEDECS*
Mertz, K., Eppler, S., Shah, R., Yao, J., Steffner, R., Safran, M., Hu, S., Chou, L., Amanatullah, D. F., Kamal, R. N.
2022; 45 (4): 227-232
- **Supine Knee Positioning Does Not Interfere with Mobile-Bearing Unicompartmental Knee Arthroplasty Performance.** *The journal of knee surgery*
Bonano, J. C., Barrett, A. A., Aggarwal, V. K., Chen, F., Schirmers, J., Finlay, A. K., Arora, P., Amanatullah, D. F.
2022
- **Costs and benefits of routine hemoglobin A1c screening prior to total joint arthroplasty: a cost-benefit analysis.** *Current orthopaedic practice*
Zhuang, T., Shapiro, L. M., Amanatullah, D. F., Maloney, W. J., Kamal, R. N.
2022; 33 (4): 338-346
- **Patient Satisfaction Scores Are a Poor Metric of Orthopedic Care** *ORTHOPEDECS*
MURASKO, M. J., V. IVANOV, D. D., ROE, A. K., KAMAL, R. N., AMANATULLAH, D. F.
2022; 45 (3): E127+
- **Staging Bilateral Total Knee Arthroplasties Reduces Alignment Outliers.** *The Journal of arthroplasty*
Follett, M. A., Arora, P., Maloney, W. J., Goodman, S. B., Huddleston, J. I., Amanatullah, D. F.
1800
- **Response; MD-PhD graduates remain underrepresented in orthopedic surgery: National MD-PhD Program Outcome Survey update** *JOURNAL OF ORTHOPAEDIC RESEARCH*
von Kaeppler, E. P., Amanatullah, D. F.
2021
- **Notching of the Neck After Acetabular Constraint Necessitating Femoral Component Revision.** *Arthroplasty today*
Bonano, J. C., Bala, A., Chen, F., Amanatullah, D. F., Goodman, S. B.
2021; 12: 32-35
- **Knee Implant Identification by Fine-Tuning Deep Learning Models.** *Indian journal of orthopaedics*
Sharma, S., Batta, V., Chidambaranathan, M., Mathialagan, P., Mani, G., Kiruthika, M., Datta, B., Kamineni, S., Reddy, G., Masilamani, S., Vijayan, S., Amanatullah, D. F.
2021; 55 (5): 1295-1305
- **Knee Implant Identification by Fine-Tuning Deep Learning Models** *INDIAN JOURNAL OF ORTHOPAEDICS*
Sharma, S., Batta, V., Chidambaranathan, M., Mathialagan, P., Mani, G., Kiruthika, M., Datta, B., Kamineni, S., Reddy, G., Masilamani, S., Vijayan, S., Amanatullah, D. F.

2021

- **A framework to make PROMs relevant to patients: qualitative study of communication preferences of PROMs.** *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*
Lai, C. H., Shapiro, L. M., Amanatullah, D. F., Chou, L. B., Gardner, M. J., Hu, S. S., Safran, M. R., Kamal, R. N.
2021
- **To Fix or Revise: Differences in Periprosthetic Distal Femur Fracture Management Between Trauma and Arthroplasty Surgeons.** *The Journal of the American Academy of Orthopaedic Surgeons*
Van Rysselberghe, N. L., Campbell, S. T., Goodnough, L. H., Amanatullah, D. F., Gardner, M. J., Bishop, J. A.
2021
- **Google Trends Analysis Shows Increasing Public Interest in Platelet-Rich Plasma Injections for Hip and Knee Osteoarthritis.** *The Journal of arthroplasty*
Cohen, S. A., Zhuang, T., Xiao, M., Michaud, J. B., Amanatullah, D. F., Kamal, R. N.
2021
- **Excellent Clinical and Radiographic Outcomes with Direct Superior Total Hip Arthroplasty with a Minimum of Two-Year Follow Up** *SURGICAL TECHNOLOGY INTERNATIONAL-INTERNATIONAL DEVELOPMENTS IN SURGERY AND SURGICAL RESEARCH*
Korth, M., Ezzibdeh, R., Arora, P., Amanatullah, D. F.
2021; 38
- **Case-Controlled Analysis of the Direct Superior and Mini-Posterior Approach for Total Hip Arthroplasty at a Minimum of Two Years of Follow Up** *SURGICAL TECHNOLOGY INTERNATIONAL-INTERNATIONAL DEVELOPMENTS IN SURGERY AND SURGICAL RESEARCH*
Ezzibdeh, R., Korth, M., Arora, P., Amanatullah, D. F.
2021; 38
- **Articulating vs Static Spacers for Native Knee Infection in the Setting of Degenerative Joint Disease.** *Arthroplasty today*
Hooper, J., Arora, P., Kappagoda, S., Huddleston, J. I., Goodman, S. B., Amanatullah, D. F.
2021; 8: 138–44
- **Next generation sequencing for pathogen detection in periprosthetic joint infections.** *EFORT open reviews*
Indelli, P. F., Ghirardelli, S., Violante, B., Amanatullah, D. F.
2021; 6 (4): 236-244
- **Medial Unicompartmental Knee Arthroplasty with a Mobile-Bearing Implant.** *JBJS essential surgical techniques*
Bonano, J. C., Barrett, A. A., Amanatullah, D. F.
2021; 11 (2)
- **Next generation sequencing for pathogen detection in periprosthetic joint infections** *EFORT OPEN REVIEWS*
Indelli, P. F., Ghirardelli, S., Violante, B., Amanatullah, D. F.
2021; 6 (4): 236–44
- **A Qualitative Study of Patient Themes for the Quality of the Total Joint Arthroplasty Experience** *ORTHOPEDECS*
Amanatullah, D. F., Eppler, S. L., Shah, R. F., Mertz, K., Roe, A. K., Murasko, M., Kamal, R. N.
2021; 44 (2): 117–22
- **Modified Kerboul Angle Predicts Outcome of Core Decompression With or Without Additional Cell Therapy.** *The Journal of arthroplasty*
Boontanapibul, K., Huddleston, J. I., Amanatullah, D. F., Maloney, W. J., Goodman, S. B.
2021
- **Influence of team composition on turnover and efficiency of total hip and knee arthroplasty.** *The bone & joint journal*
Cahan, E. M., Cousins, H. C., Steere, J. T., Segovia, N. A., Miller, M. D., Amanatullah, D. F.
2021; 103-B (2): 347–52
- **Case-Controlled Analysis of the Direct Superior and Mini-Posterior Approach for Total Hip Arthroplasty at a Minimum of Two Years of Follow Up.** *Surgical technology international*
Ezzibdeh, R., Korth, M. J., Arora, P., Amanatullah, D. F.
2021; 37
- **Excellent Clinical and Radiographic Outcomes with Direct Superior Total Hip Arthroplasty with a Minimum of Two-Year Follow Up.** *Surgical technology international*

- Korth, M. J., Ezzibdeh, R., Arora, P., Amanatullah, D. F.
2021; 37
- **Response to Letter to the Editor on "Diagnosis of Osteonecrosis of the Femoral Head: Too Little, Too Late, and Independent of Etiology".** *The Journal of arthroplasty*
Boontanapibul, K. n., Steere, J. T., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2021; 36 (2): e12–e13
 - **Return to work and productivity loss after surgery: A health economic evaluation.** *International journal of surgery (London, England)*
M Hah, J., Lee, E., Shrestha, R., Pirrotta, L., Huddleston, J., Goodman, S., Amanatullah, D. F., Dirbas, F. M., Carroll, I. R., Schofield, D.
2021: 106100
 - **Effect of Comorbidity Burden on the Risk of Venous Thromboembolic Events After Total Knee Arthroplasty.** *Geriatric orthopaedic surgery & rehabilitation*
Bala, A., Oladeji, K., Amanatullah, D. F.
2021; 12: 21514593211043998
 - **Objective Activity Parameters Track Patient-Specific Physical Recovery Trajectories After Surgery and Link With Individual Preoperative Immune States.** *Annals of surgery*
Fallahzadeh, R., Verdonk, F., Ganio, E., Culos, A., Stanley, N., Mari#, I., Chang, A. L., Becker, M., Phongpreecha, T., Xenochristou, M., De Francesco, D., Espinosa, C., Gao, et al
2021
 - **The Safety and Toxicity of Phage Therapy: A Review of Animal and Clinical Studies.** *Viruses*
Liu, D., Van Belleghem, J. D., de Vries, C. R., Burgener, E., Chen, Q., Manasherob, R., Aronson, J. R., Amanatullah, D. F., Tamma, P. D., Suh, G. A.
2021; 13 (7)
 - **Provider Personal and Demographic Characteristics and Patient Satisfaction in Orthopaedic Surgery.** *Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews*
Lu, L. Y., Sharabianlou Korth, M. J., Cheng, R. Z., Finlay, A. K., Kamal, R. N., Goodman, S. B., Maloney, W. J., Huddleston, J. I., Amanatullah, D. F.
2021; 5 (4)
 - **Use of Navigation-Enhanced Instrumentation to Mitigate Surgical Outliers During Total Knee Arthroplasty** *ORTHOPEDECS*
Mooney, J. A., Bala, A., Denduluri, S. K., Lichstein, P. M., Kleimeyer, J. P., Lundergan, W. G., Snyder, B. M., Huddleston, J. I., Amanatullah, D. F.
2021; 44 (1): 54–57
 - **Encapsulated Mesenchymal Stromal Cell Microbeads Promote Endogenous Regeneration of Osteoarthritic Cartilage Ex Vivo.** *Advanced healthcare materials*
Sahu, N. n., Agarwal, P. n., Grandi, F. n., Bruschi, M. n., Goodman, S. n., Amanatullah, D. n., Bhutani, N. n.
2021: e2002118
 - **Does a Question Prompt List Improve Perceived Involvement in Care in Orthopaedic Surgery Compared with the AskShareKnow Questions? A Pragmatic Randomized Controlled Trial.** *Clinical orthopaedics and related research*
Mariano, D. J., Liu, A., Eppler, S. L., Gardner, M. J., Hu, S., Safran, M., Chou, L., Amanatullah, D. F., Kamal, R. N.
2020
 - **Efficacy of motivational-interviewing and guided opioid tapering support for patients undergoing orthopedic surgery (MI-Opioid Taper): A prospective, assessor-blind, randomized controlled pilot trial.** *EClinicalMedicine*
Hah, J. M., Trafton, J. A., Narasimhan, B., Krishnamurthy, P., Hilmoe, H., Sharifzadeh, Y., Huddleston, J. I., Amanatullah, D., Maloney, W. J., Goodman, S., Carroll, I., Mackey, S. C.
2020; 28: 100596
 - **Analysis of Computer Vision Methods for Counting Surgical Instruments.** *Surgical innovation*
Chavez, G., Zhao, D., Haque, A., Nazerali, R., Amanatullah, D. F.
2020: 1553350620956425
 - **The Importance of Concordance Between Patients and Their Subspecialists** *ORTHOPEDECS*
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PRESENTATIONS

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- Total Hip after Periacetabular Osteotomy - Young Investigator Research Symposium
- Mayo Clinic Total Joint Registry, - University of California, Davis Grand Rounds
- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee, - International Society of Technology in Arthroplasty
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System, - International Society of Technology in Arthroplasty
- An Additional Financial Burden On The Orthopedic Trauma Surgery Service at a Level I Trauma Center: When Our County Will Longer Pay for Services Rendered, - Western Orthopaedic Association
- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee, - University of California, Davis Graduation Symposium
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System, - Computer Assisted Orthopaedic Surgery
- Management of Fractures with Arthroplasty, - University of California, Davis Grand Rounds
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System - Orthopaedic Research Society

- An Additional Financial Burden On The Orthopedic Trauma Surgery Service at a Level I Trauma Center: When Our County Will Longer Pay for Services Rendered - American Orthopaedic Association
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System, - Western Orthopaedic Association
- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee - Orthopaedic Research Society
- Management of Articular Cartilage Defects, - University of California, Davis Grand Rounds
- Metal Wear: Generation, Biology, and Management, - University of California, Davis Grand Rounds
- Sanford and Darlene Anzel Award: Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects, - Western Orthopaedic Association
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System - International Congress for Joint Replacement
- Biomechanical Properties of Distal Femoral Defects, - Western Orthopaedic Association
- Traveling Clinical Scientist Program: Monitoring COMP Expression during Articular Chondrocyte Compression, - International Cartilage Repair Society
- Traveling Clinical Scientist Program: Monitoring COMP Expression during Articular Chondrocyte Compression, - International Cartilage Repair Society
- Traveling Clinical Scientist Program: Monitoring COMP Expression during Articular Chondrocyte Compression, - International Cartilage Repair Society
- Lloyd W. Taylor Award: Biomechanical Properties of Distal Femoral Defects, - California Orthopaedic Association
- Differential Gene Expression Patterns in the Surface, Middle, and Deep Zones of Bovine Articular Cartilage, - American Academy of Orthopaedic Surgeons
- Improved Strength with a Divergent Screw Orientation during the Fixation of Vertical Shear Fractures of the Medial Malleolus, - AO North American
- Optimal Fixation for Horizontal Medial Malleolus Fractures, - AO North American
- Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects, - AO North American
- Optimal Fixation for Horizontal Medial Malleolus Fractures - Western Orthopaedic Association
- c-MAF Transcription Factor Regulates ADAMTS-12 Expression in Human Chondrocytes - International Cartilage Repair Society
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System - Computer Assisted Orthopaedic Surgery
- Abstract Recognition Award: The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee - International Congress for Joint Replacement
- Interaction of Televancin with INR Reagents - California Orthopaedic Association
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System - California Orthopaedic Association
- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee - California Orthopaedic Association
- Optimal Fixation for Horizontal Medial Malleolus Fractures - California Orthopaedic Association
- Improved Strength with Divergent Screw Orientation during the Fixation of Vertical Shear Fractures of the Medial Malleolus - Orthopaedic Research Society
- Optimal Fixation of Horizontal Medial Malleolus Fractures - Orthopaedic Research Society
- Biomechanical Properties of Distal Femoral Defects, - Connective Tissue Oncology Society – Musculoskeletal Tumor Society
- Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects, - Connective Tissue Oncology Society – Musculoskeletal Tumor Society
- Distal Tibio-Fibular Fusion (Langenskiöld Procedure) After Fibular Harvest in Children, - American Association of Pediatrics
- Vernon Thompson Award: Distinct Gene Expression Patterns in the Surface, Middle, and Deep Zones of Bovine Articular Cartilage, - Western Orthopaedic Association
- Monitoring COMP Expression during Articular Chondrocyte Compression, - Western Orthopaedic Association
- Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty, - Western Orthopaedic Association
- Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty, - Southwest Regional OREF/ORS Resident Research Symposium
- The Biomechanical Properties of Hybrid and Volar Locking Plate Fixation in Normal and Osteoporotic Distal Radius Sawbone Models, - Southwest Regional OREF/ORS Resident Research Symposium
- J. Harold LaBriola Award: The Biomechanical Properties of Hybrid and Volar Locking Plate Fixation in Normal and Osteoporotic Distal Radius Sawbone Models, - California Orthopaedic Association

- The Biomechanical Properties of Hybrid and Volar Locking Plate Fixation in Normal and Osteoporotic Distal Radius Sawbone Models, - American Society for Surgery of the Hand
- Interaction of Televancin with INR Reagents - American College of Physicians
- Optimal Fixation of Horizontal Medial Malleolus Fractures - Orthopaedic Trauma Association
- Improved Strength with Divergent Screw Orientation during the Fixation of Vertical Shear Fractures of the Medial Malleolus - Western Orthopaedic Association
- Hybrid and Volar Locking Plate Fixation in Normal and Osteoporotic Distal Radius Models - American Academy of Orthopaedic Surgeons
- Monitoring COMP Expression during Articular Chondrocyte Compression - Orthopaedic Research Society
- Distinct Gene Expression Patterns in the Surface, Middle, and Deep Zones of Bovine Articular Cartilage - Orthopaedic Research Society
- Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty, - American Academy of Hip and Knee Surgeons
- Monitoring Gene Expression in Articular Chondrocytes and Bone Marrow Derived Stem Cells during Dynamic Compression, - University of California, Davis Orthopaedic Research Symposium
- Does screw orientation influence construct stiffness in vertical shear fractures of the medial malleolus? - Orthopaedic Trauma Association
- Biomechanical Consequences of Anterior Femoral Notching in Cruciate Retaining Versus Posterior Stabilized Total Knee Arthroplasty - American Academy of Hip and Knee Surgeons
- J. Harold LaBriola Award: Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty, - California Orthopaedic Association
- Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty - Northern California Chapter, Western Orthopaedic Association
- Title of Abstract: Factor Xa Inhibitors Outperform Traditional Anticoagulants in Total Hip Arthroplasty - 1) Western Orthopaedic Association (8/2017)
- Mini-posterior Approach to Total Hip Arthroplasty - American Academy of Orthopaedic Surgeons