

Robert A. Burnett III, M.D.

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Licensure

Medical License
State of Illinois; 2018 - Present
ACTIVE, 036.171439

Post-Graduate Training

RUSH University Medical Center, Chicago, IL (2018 - 2023)
- Department of Orthopaedic Surgery, Resident Physician

University of Utah, Salt Lake City, UT (2023-2024)
- Division of Adult Reconstruction, Fellow

Education

University of Iowa Carver College of Medicine, Iowa City, IA (2014 - 2018)
- Doctor of Medicine
- Member of Alpha Omega Alpha Honor Society, Junior year inductee
- Gold Humanism Honor Society
- Graduated with Honors, *Academic Distinction, Research Distinction, Healthcare Delivery Science and Management Distinction Track*

Washington University in St. Louis, St. Louis, MO (2009 - 2013)
- Bachelor of Science, Major in Chemistry
- Graduated *Cum Laude*

Valley High School, West Des Moines, Iowa (2005 - 2009)
- High School Diploma
- National Honor Society

Employment

Midwest Orthopedics at Rush, LLC, Chicago, IL (Sept 2024-Present)
- Associate, Adult Reconstruction

RUSH University Medical Center, Chicago, IL (Sept 2024-Present)
- Assistant Professor, Department of Orthopedics

National Institutes of Health (May 2013-June 2014)
- Intramural Research Training Associate, National Human Genome Research Institute, NIH, Bethesda, MD

Additional Training Experience

AAHKS Health Policy Fellow (2024-2025)

Accepted Publications in Peer-Reviewed Journals

Zickler C, Alfonsi SP, Shalakhti O, Alli N, Acuna AJ, Forlenza EM, Terhune EB, **Burnett RA**. GLP-1 Agonists Versus Bariatric Surgery: Which Management Carries Heavier Weight Prior to Total Knee Arthroplasty?. KSSTA. May 2026.

Pasha M, Jones CM, Zickler CL, Potluri AS, Atkins MA, Karas V, Gerlinger TL, **Burnett RA**. Repeat Exposure to Silver-Impregnated Dressing Does Not Increase Risk of Allergic Contact Dermatitis: A Prospective Cohort Study. March 2026. *The Journal of Arthroplasty*

Burnett RA, Matheson DJ, Kapron CR, Blackburn BE, Gililland JM, Anderson LA, Pelt CE, Peters CL, Archibeck MJ, Conversion Total Knee and Hip Arthroplasty Requires Increased Energy Expenditure Compared to Primary Knee Arthroplasty. 2025. *The Journal of Arthroplasty*

Jones CM, Burnett RA, Atkins, MA, Turkmani, A, Della Valle CJ, Levine BR, Berger RA, Karas V. Repeat Exposure to Mesh-Glue Dressing Is Associated With Allergic Contact Dermatitis: A Prospective Cohort Study. May 2025. *The Journal of Arthroplasty*

Forlenza EM, **Burnett RA 3rd**, Espinoza Orías AA, Karas V. Robotic reaming, multiple screw fixation results in significantly improved initial acetabular cup stability. *HIP International*. 2025;0(0). doi:10.1177/11207000251374145

Forlenza EM, Burnett RA, Acuna AJ, Levine BR, Gililland JM, Della Valle CJ. Revision Unicompartmental Knee Arthroplasty: Worse than a Primary, but Better than a Revision Total Knee Arthroplasty. 2025. *Journal of Arthroplasty*.

Burnett RA, Hakim AJ, Blackburn BE, Archibeck MJ, Anderson LA, Gililland JM; Arthroplasty for Hip Fracture Consortium. Cementless Hemiarthroplasty Complication Risk Does Not Support Contemporary Utilization Patterns. *J Arthroplasty*. 2025 Aug;40(8S1):S78-S83. doi: 10.1016/j.arth.2025.03.067. Epub 2025 Apr 3. PMID: 40187436.

Burnett R.A., Turkmani A., Gililland J.M., Peters C.L., Gerlinger T.L., Della Valle C.J. Total Hip Arthroplasty Performed by Fellowship and Non-fellowship Trained Surgeons: A Comparison of Indications, Perioperative Management, and Complications. 2024. *The Journal of Arthroplasty*.

Burnett RA, Wang J, Gililland JM, Anderson LA. July 2024. Leg Length Discrepancy in Total Hip Arthroplasty: Not All Discrepancies Are Created Equal. *Journal of the American Academy of Orthopaedic Surgeons*.

Acuña AJ, **Burnett RA**, Jones CM, Forlenza EM, Levine BR, Della Valle CJ. July 2024. Total Knee Arthroplasty in Patients with Cerebral Palsy: A Large Database Analysis. *The Journal of Knee Surgery*.

Burnett RA, Dobson C, Turkmani A, Sporer SM, Levine BR, Della Valle CJ. , June 2024. Revision Hip Arthroplasty Performed by Fellowship-Trained Versus Non-Fellowship-Trained Surgeons: A Comparison of Perioperative Management and Complications. *The Journal of Arthroplasty*.

Berlinberg EJ, **Burnett RA**, Rao S, Serino J, Forlenza EM, Nam D. June 2024 Early Prosthetic Hip Dislocation: Does the Timing of the Dislocation Matter? *The Journal of Arthroplasty*.

Walsh JM, **Burnett R**, Serino J, Gerlinger T. 2024 Painful Unicompartmental Knee Arthroplasty: Etiology, Diagnosis and Management. *Archives of Bone and Joint Surgery*.

Melnic CC, Salimy MS, Minutillo G, Schundler S, **Burnett RA**, Baker C, Courtney PM, Bedair HS, Sporer SM, Sheth NP, Paprosky WG. Feb 2024. Acetabular Distraction Technique for the Treatment of Chronic Pelvic Discontinuity: A Multicenter Study with Minimum 2-year Radiographic Follow Up. *The Journal of Arthroplasty*.

Serino JM, Terhune EB, **Burnett RA**, Higgins JDD, Jacobs JJ, Della Valle CJ, Nam D. Dec 2023. The Ideal Timing of Bilateral Total Knee Arthroplasty: Simultaneous versus Staged. *Archives of Bone and Joint Surgery*.

Burnett RA, Serino J, Hur ES, Higgins JD, Courtney PM, Della Valle CJ. 2023. Outpatient Total Knee Arthroplasty Shows Decreasing Complication Burden from 2010 to 2020. *The Journal of Arthroplasty*.

Forlenza EM, Serino J, Weintraub MT, **Burnett RA**, Karas V, Della Valle CJ. 2023. Elective Joint Arthroplasty Should be Delayed by One Month After COVID-19 Infection to Prevent Postoperative Complications”. *Journal of Arthroplasty*.

Twomey-Kozak J.N., Goltz D.E., **Burnett R.A.**, Wickman J.R., Levin J.M., Nicholson G.P., Verma N.N., Anakwenze O.A., Lassiter T.E., Garrigues G.E., Klifto C.S. 2023. Distance and Resources In Vulnerable Populations: Understanding Access Barriers To Outpatient Shoulder Arthroplasty, *Seminars in Arthroplasty: JSES*

Goltz, D.E., **Burnett, R.A.**, Levin, J.M., Helmkamp, J.K., Wickman, J.R., Hinton, Z.W., Howell, C.B., Green, C.L., Simmons, J.A., Nicholson, G.P. and Verma, N.N., 2023. A Validated Pre-Operative Risk Prediction Tool For Extended Inpatient Length of Stay Following Anatomic or Reverse Total Shoulder Arthroplasty. *Journal of Shoulder and Elbow Surgery*.

Serino III, J., Weintraub, M.T., **Burnett III, R.A.**, Angotti, M.L., Courtney, P.M. and Della Valle, C.J., 2023. Complications and costs of patellofemoral arthroplasty versus total knee arthroplasty. *The Knee*, 41, pp.58-65.

Burnett, R.A., Barrack, T.N., Terhune, E.B., Della Valle, C.J., Shah, R.P. and Courtney, P.M., 2022. Over Half of All Medicare Total Knee Arthroplasty Patients Are Now Classified as an Outpatient—Three-Year Impact of the Removal From the Inpatient-Only List. *The Journal of Arthroplasty*.

Serino III, J., Terhune, E.B., **Burnett III, R.A.**, Guntin, J.A., Della Valle, C.J. and Nam, D., 2022. Contralateral Total Hip Arthroplasty Staged Within Six Weeks Increases the Risk of Adverse Events Compared to Unilateral Surgery. *The Journal of Arthroplasty*.

Weintraub, M.T., Barrack, T.N., **Burnett III, R.A.**, Serino III, J., Bhanot, S.S. and Della Valle, C.J., 2022. Ultrasound-Guided Iliopsoas Bursal Injections for Management of Iliopsoas Bursitis After Total Hip Arthroplasty. *The Journal of Arthroplasty*.

Lew, A.R., **Burnett, R.A.**, Colman, M.W., Gitelis, S., Blank, A.T., 2022 Single-Stage Revision of Infected Total Femoral Replacement. *Orthopedics*.

Burnett III, R.A., Ihekweazu, U., Stambough, J.B., Plancher, K.D., Moskal, J.T. and Karas, V., 2022. Adult Reconstruction Fellowship: What is Important to the Applicants?. *Arthroplasty Today*, 17, pp.180-185.

Forlenza, E.M., Higgins, J.D., **Burnett, R.A.**, Serino, J. and Della Valle, C.J., 2022. COVID-19 Infection After Total Joint Arthroplasty Is Associated With Increased Complications. *The Journal of arthroplasty*.

Angotti, M.L., **Burnett, R.A.**, Khalid, S., Terhune, E.B. and Della Valle, C.J., 2022. Intra-articular corticosteroids associated with increased risk of total hip arthroplasty at 5 years. *HIP International*, p.11207000221107225.

Burnett, R.A., Khalid, S., DeBenedetti, A., Terhune, E.B., Angotti, M.L. and Della Valle, C.J., 2022. Intra-articular corticosteroid injections are associated with a dose-dependent risk of total knee arthroplasty at 5 years. *Knee Surgery, Sports Traumatology, Arthroscopy*, pp.1-6.

Serino III, J., **Burnett III, R.A.**, Boniello, A.J., Yang, J., Sporer, S.M. and Della Valle, C.J., 2022. The Cost-Effectiveness of Tibial Metaphyseal Cones in Revision Total Knee Arthroplasty. *The Journal of Arthroplasty*, 37(6), pp.S50-S55.

Burnett III, R.A., Mestyanek, C.E., Courtney, P.M. and Della Valle, C.J., 2022. Home Health Care in Medicare-Aged Patients is Associated With Increased Early Emergency Visits, Readmissions, and Costs Following Total Knee Arthroplasty. *The Journal of Arthroplasty*, 37(8), pp.S771-S776.

Burnett III, R.A., Serino, J., Yang, J., Della Valle, C.J. and Courtney, P.M., 2021. National trends in post-acute care costs following total knee arthroplasty from 2007 to 2016. *The Journal of Arthroplasty*, 36(7), pp.2268-2275.

Burnett III, R.A., Yang, J., Courtney, P.M., Terhune, E.B., Hannon, C.P. and Della Valle, C.J., 2021. Costs of unicompartmental compared with total knee arthroplasty: a matched cohort study over ten years. *The Bone & Joint Journal*, 103(6 Supple A), pp.23-31.

Burnett, R.A., Goltz, D.E., Levin, J.M., Wickman, J.R., Howell, C.B., Nicholson, G.P., Verma, N.N., Anakwenze, O.A., Lassiter Jr, T.E., Klifto, C.S. and Garrigues, G.E., 2022. Characteristics and risk factors for 90-day readmission following shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, 31(2), pp.324-332.

Yuh C, **Burnett R**, Nam D, Pourzal R. Preliminary Investigation of Cement-Implant Interface Debonding in Total Knee Replacements. 2021 *Rush Mentoring Programs 7th Annual Symposium*. (Symposium Postdoctoral Abstract Winner) (2021, September 29).

Goltz, D.E., **Burnett, R.A.**, Levin, J.M., Wickman, J.R., Belay, E.S., Howell, C.B., Risoli, T.J., Green, C.L., Simmons, J.A., Nicholson, G.P. and Verma, N.N., 2022. Appropriate patient selection for outpatient shoulder arthroplasty: a risk prediction tool. *Journal of Shoulder and Elbow Surgery*, 31(2), pp.235-244.

Serino III, J., **Burnett III, R.A.**, Della Valle, C.J. and Courtney, P.M., 2022. National Trends in Post-Acute Care Costs Following Total Hip Arthroplasty from 2010 through 2018. *JBJS*, 104(3), pp.255-264.

Terhune E.B., Hannon C.P., **Burnett R.A.**, Della Valle C.J., 2022. Preoperative Opioids and the Dose-Dependent Effect on Outcomes After Total Hip Arthroplasty. *The Journal of Arthroplasty*, 37(8S):S864-S870.

Goltz, D.E., **Burnett, R.A.**, Wickman, J.R., Levin, J.M., Howell, C.B., Nicholson, G.P., Verma, N.N., Anakwenze, O.A., Lassiter Jr, T.E., Garrigues, G.E. and Klifto, C.S., 2022. Short stay after shoulder arthroplasty

does not increase 90-day readmissions in Medicare patients compared with privately insured patients. *Journal of Shoulder and Elbow Surgery*, 31(1), pp.35-42.

Forlenza, E.M., **Burnett, R.A.**, Korrapati, A., Yang, J., Forsythe, B. and Della Valle, C.J., 2021. Preoperative corticosteroid injections demonstrate a temporal and dose-dependent relationship with the rate of postoperative infection following total hip arthroplasty. *The Journal of Arthroplasty*, 36(6), pp.2033-2037.

Flamant, E.M., Goltz, D.E., **Burnett, R.A.**, Wickman, J.R., Belay, E.S., Saltzman, E.B., Nicholson, G.P., Garrigues, G.E., Lassiter, T., Anakwenze, O.A. and Klifto, C.S., 2021. Malnutrition in elective shoulder arthroplasty: a multi-institutional retrospective study of preoperative albumin and adverse outcomes. *Journal of shoulder and elbow surgery*, 30(11), pp.2491-2497.

Terhune, E.B., Hannon, C.P., **Burnett, R.A.** and Della Valle, C.J., 2021. Daily dose of preoperative opioid prescriptions affects outcomes after total knee arthroplasty. *The Journal of Arthroplasty*, 36(7), pp.2302-2306.

Mehta, N., **Burnett, R.A.**, Kahlenberg, C.A., Miller, R., Chalmers, B. and Cross, M.B., 2022. Mid-Flexion Instability After Total Knee Arthroplasty: Diagnosis, Implant Design, and Outcomes. *Orthopedics*, pp.1-7.

Kunze, K.N., **Burnett, R.A.**, Wright-Chisem, J., Frank, R.M. and Chahla, J., 2020. Adipose-derived mesenchymal stem cell treatments and available formulations. *Current Reviews in Musculoskeletal Medicine*, 13(3), pp.264-280.

Kunze, K.N., **Burnett, R.A.**, Lee, E.K., Rasio, J.P. and Nho, S.J., 2020. Development of machine learning algorithms to predict being lost to follow-up after hip arthroscopy for femoroacetabular impingement syndrome. *Arthroscopy, sports medicine, and rehabilitation*, 2(5), pp.e591-e598.

Kunze, K.N., **Burnett, R.A.**, Shinsako, K.K., Bush-Joseph, C.A., Cole, B.J. and Chahla, J., 2019. Trapezoidal Achilles tendon allograft plug for revision quadriceps tendon repair with a large tendon defect. *Arthroscopy techniques*, 8(9), pp.e1031-e1036.

Burnett, R.A., Westermann, R., Duchman, K., Amendola, N., Hettrich, C., Wolf, B., Glass, N. and Bollier, M., 2019. Intra-articular pathology associated with acute and chronic anterior cruciate ligament reconstruction. *The Iowa Orthopaedic Journal*, 39(1), p.101.

Bedard, N.A., DeMik, D.E., Glass, N.A., **Burnett, R.A.**, Bozic, K.J. and Callaghan, J.J., 2018. Impact of clinical practice guidelines on use of intra-articular hyaluronic acid and corticosteroid injections for knee osteoarthritis. *JBJS*, 100(10), pp.827-834.

Burnett, R.A., Westermann, R., Bedard, N., Liu, S. and Callaghan, J.J., 2018. Ganglion cyst as a rare complication of hip arthroscopy resolved with THA: a case report. *The Iowa orthopaedic journal*, 38, p.87.

Burnett, R.A., Bedard, N.A., DeMik, D.E., Gao, Y., Liu, S.S., Callaghan, J.J. Recent Trends in Blood Utilization After Revision Hip and Knee Arthroplasty. *Journal of Arthroplasty*. 32(12):3693-3697

Bedard, N.A., **Burnett, R.A.**, DeMik, D.E., Gao, Y., Liu, S.S. and Callaghan, J.J., 2017. Are trends in total hip arthroplasty bearing surface continuing to change? 2007-2015 usage in a large database cohort. *The Journal of arthroplasty*, 32(12), pp.3777-3781.

DeMik, D.E., Bedard, N.A., Dowdle, S.B., **Burnett, R.A.**, McHugh, M.A. and Callaghan, J.J., 2017. Are we still prescribing opioids for osteoarthritis?. *The Journal of arthroplasty*, 32(12), pp.3578-3582.

Westbroek, W., Nguyen, M., Siebert, M., Lindstrom, T., **Burnett, R.A.**, Aflaki, E., Jung, O., Tamargo, R., Rodriguez-Gil, J.L., Acosta, W. and Hendrix, A., 2016. A new glucocerebrosidase-deficient neuronal cell model provides a tool to probe pathophysiology and therapeutics for Gaucher disease. *Disease models & mechanisms*, 9(7), pp.769-778.

Non-Peer Reviewed Publications

Anderson LA, Gililland JM, Burnett RA. Single Incision DA THA Cephalomedullary Nail Conversion: Head-First Removal. VuMedi. July 2024

Textbook Chapters

Cole B, **Burnett R**, Kunze K, Tauro T, Chahla J. Focal Chondral Injuries. *Evidence-Based Management of Complex Knee Injuries*. 2020 Publisher: Elsevier. Editors: Robert LaPrade, Jorge Chahla.

Burnett RA, Mehta N, Kunze KN, Moatshe G, LaPrade RF, Chahla J. Management of Multi-Ligament Injuries in Basketball. *Basketball Sports Medicine and Science*. pp 363-377 2020 Publisher: Springer. Editors: Laver L, Kocaoglu B, Cole B, Arundale AJH, Bytowski J, Amendola A.

Choi AJ, **Burnett RA**, Goldin E, Zheng W, Sidransky E. Chaperone Therapy for the Lysosomal Storage Disorders. *Inborn Errors of Metabolism*. 2014; 328-345 Publisher: Oxford University. Editors: Brendan Lee, Francisco Scaglia.

Podium Presentations

Burnett RA, Jones CM, Atkins M, Turkmani A, Della Valle CJ, Levine BR, Berger RA, Karas V. Repeat Exposure to Mesh-Glue Dressing is Associated with Allergic Contact Dermatitis: A Prospective Cohort Study. American Association of Hip and Knee Surgeons (AAHKS). Dallas, TX. November 8 2024.

Burnett RA, Hakim A, Blackburn B, Archibeck MJ, Gililland JM, Anderson LA (Presenter). Cementless Hemiarthroplasty Complication Risk Does Not Justify Current Utilization Patterns. American Association of Hip and Knee Surgeons (AAHKS). Dallas, TX. November 9, 2024.

Burnett RA, Blackburn B, Anderson LA, Peters CL, Gililland JM, Erickson J, Pelt CE, Archibeck MJ (Presenter). Insufficient Mandatory Reporting Rates at an Academic Hospital Despite Increased Resource Allocation. American Association of Hip and Knee Surgeons (AAHKS). Dallas, TX. November 10, 2024.

Burnett RA, Archibeck M, Pelt CE, Gililland JG, Anderson LA, Peters CL. Quantitative Analysis of Surgeon Energy Expenditure Associated with Total Knee Arthroplasty. University of Utah Orthopedics Grand Rounds. June 27 2024.

Melnic CC, Salimy MS, Minutillo G, Schundler S, **Burnett RA**, Baker C, Courtney PM, Bedair HS, Sporer SM, Sheth NP, Paprosky WG. Acetabular Distraction Technique for the Treatment of Chronic Pelvic Discontinuity: A Multicenter Study with Minimum 2-year Radiographic Follow Up. American Academy of Orthopaedic Surgeons Annual Meeting. San Francisco, CA. February 2024.

Berlinberg, E.J. **Burnett, R.A.**, Rao, S., Serino, J., Forlenza, E.M., Nam, D. Early Prosthetic Hip Dislocation: Does Timing of Dislocation Matter? *Hip Society Closed Meeting 2023*

Burnett RA, Dobson, C., Turkmani A, Sporer, S.M., Levine B.R., Della Valle C.J. Revision Hip Arthroplasty Performed by Adult Reconstruction Fellowship Trained Surgeons Mitigates Risk of Re-revision. *Hip Society Closed Meeting 2023*

Burnett RA, Turkmani A, Gerlinger T.L., Gililand J, Peters C, Levine B, Della Valle C.J. The Adult Reconstruction Fellowship Trained Surgeon: Delivering Improved Results with Primary and Revision Total Hip Arthroplasty. Rush Annual Thesis Day. Chicago, IL. June 23, 2023.

Serino J, Terhune EB, **Burnett RA**, Guntin JA, Della Valle CJ, Nam D. Bilateral Total Hip Arthroplasty Staged within Six Weeks Increases Risk of Adverse Events. Podium presentation. 2023 American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 2023.

Twomey-Kozak JN; Goltz DE; **Burnett RA**; Wickman JR; Levin JM; Nicholson GP; Verma NN; Anakwenze O; Lassiter TE; Garrigues GE; Klifto CS. Patient Travel Distance And Resources: Understanding Access Barriers To Outpatient Shoulder Arthroplasty In Vulnerable Populations. Orthopaedic Research Society Annual Meeting (by Twomey-Kozak), February 2023, Dallas, TX.

Serino J, Terhune EB, **Burnett RA**, Guntin JA, Della Valle CJ, Nam D. Bilateral Total Hip Arthroplasty Staged within Six Weeks Increases Risk of Adverse Events. Podium Presentation. Mid-America Orthopaedic Association Annual Meeting. Miramar Beach, FL. April 2023.

Forlenza EM, Serino J, Weintraub MT, **Burnett RA**, Karas V, Della Valle CJ. “Elective Joint Replacement Should be Delayed by One Month After COVID Infection to Prevent Postoperative Complications”. Abstract accepted as podium presentation to *OREF Resident Research Symposium*. October 2022

Burnett RA (Presenter), Mestyanek C, Courtney PM, Della Valle CJ. Home Health Care in Medicare-aged Patients Is Associated With Increased Early Emergency Visits, Readmissions, and Costs Following Total Knee Arthroplasty. AAHKS National Meeting November 11, 2021, Dallas TX.

Burnett RA (Presenter), Yang J, Courtney PM, Terhune EB, Hannon C, Della Valle CJ. What Are the Costs of Unicompartmental Knee Arthroplasty Compared to Total Knee Arthroplasty Over 10 Years? AAHKS National Meeting, November 5, 2020, Dallas TX.

Terhune EB, Hannon CP, **Burnett RA (Presenter)**, Della Valle, CJ. Dose of Preoperative Opioids Affects Outcomes After Total Hip Arthroplasty. American Academy of Orthopedic Surgeons Annual Meeting. August 31, 2021, San Diego CA.

Burnett RA, Yang JW , Courtney MP, Terhune EB, Hannon CP, Della Valle CJ (Presenter). Costs of Unicompartmental Compared to Total Knee Arthroplasty Over Ten Years. The 2020 Members Meeting of the Knee Society, July 2020, Virtual.

Burnett RA (Presenter), Westermann R, Duchman K, Amendola N, Hettrich C, Wolf B, Bollier M. Timing of Anterior Cruciate Ligament Reconstruction and Implications for Meniscus Pathology and Treatment: Results from a Prospective Cohort. Arthroscopy Association of North America, May 18-21, 2017, Denver CO.

Terhune EB (Presenter), **Burnett RA**, Hannon CP, Della Valle CJ. Dose of Preoperative Opioid Prescriptions Affects Outcomes after Total Knee Arthroplasty. OREF Midwest Regional Resident Research Symposium, Annual Meeting. April 2021, Virtual.

Yuh C (Presenter), Burnett R, Hall D, Nam D, Pourzal R. Preliminary Investigation of Cement-Implant Interface Debonding in Total Knee Replacements. Rush Postdoc/Mentoring Symposium. October 2021, Chicago, IL.

Forlenza E (Presenter), Higgins JDD, **Burnett RA**, Della Valle CJ. COVID-19 Infection After Total Joint Arthroplasty is Associated with Increased Complications. AAHKS National Meeting November 11, 2021, Dallas TX.

Serino J, **Burnett RA**, Boniello AJ, Sporer SM (Presenter), Della Valle CJ. The Cost-Effectiveness of Tibial Metaphyseal Cones in Revision Total Knee Arthroplasty. Knee Society. October 2021, Virtual.

Terhune EB, **Burnett RA (Presenter)**, Hannon C, Della Valle CJ. Dose of Preoperative Opioids Affects Outcomes after Total Hip Arthroplasty – Mid-America Orthopedic Association, October 2021, Amelia Island FL.

Goltz DE; **Burnett RA**, Levin JM; Wickman JR; Belay ES; Howell CB; Risoli TJ; Green CL; Simmons JA; Nicholson GP; Verma NN; Lassiter TE; Anakwenze OA; Garrigues GE; Klifto CS (Presenter). Appropriate Patient Selection for Outpatient Shoulder Arthroplasty: A Risk Prediction Tool. American Shoulder and Elbow Surgeons (ASES) Annual Meeting, October 2021, Tampa FL

Goltz DE (Presenter); **Burnett RA**; Levin JM; Wickman JR; Howell CB; Simmons JA; Nicholson GP; Verma NN; Anakwenze OA; Lassiter TE; Garrigues GE; Klifto CS. A Validated Pre-Operative Risk Prediction Tool For Discharge to Skilled Nursing or Rehabilitation Facility Following Anatomic or Reverse Shoulder Arthroplasty. Eastern Orthopaedic Association, October 2021, Nashville TN (Resident Award).

Flamant EM (Presenter); Goltz DE; **Burnett RA**; Wickman JR; Belay ES; Saltzman E; Nicholson GP; Garrigues GE; Lassiter TE; Anakwenze OA; Klifto CS. A Multi-Institutional Study of Preoperative Albumin and Shoulder Arthroplasty Outcomes. Eastern Orthopaedic Association, October 2021, Nashville TN.

Poster Presentations

Mead S, Hollimon M, Goel S, Pasha M, Zickler CL, **Burnett RA**, Levine BR. Outcomes of Patients with Myasthenia Gravis: A Multi-institutional Review. MedStar Health-Georgetown University Research & Education Symposium. April 27, 2026; Washington, DC.

Burnett RA, Turkmani A, Gerlinger TL, Gililand J, Peters C, Della Valle CJ. Adult Reconstruction Fellowship Trained Surgeons: Increased Complexity, Improved Results. American Academy of Orthopaedic Surgeons Annual Meeting, February 2024, San Francisco, CA

Goltz DE; **Burnett RA**; Levin JM; Helmkamp JK; Wickman JR; Hinton ZW; Howell CB; Green CL; Simmons JA; Nicholson GP; Verma NN; Lassiter TE; Anakwenze OA; Garrigues GE; Klifto CS. A Validated Pre-Operative Risk Prediction Tool For Extended Inpatient Length of Stay Following Anatomic and Reverse Total Shoulder Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, March 2023, Las Vegas, NV

Burnett RA, Barrack TN, Della Valle CJ, Shah RP, Courtney PM. Over Half of all Medicare TKA Patients Are Now Classified as an Outpatient - 3-year Impact of the Removal from the Inpatient Only List. *Current Concepts in Joint Replacement*. December 9, 2021, Orlando FL. Best poster, runner up.

Serino J, Terhune EB, **Burnett RA**, Higgins JD, Guntin JA, Della Valle CJ, Nam D. Bilateral Total Hip Arthroplasty Staged within Six Weeks Increases Risk of Adverse Events. Poster Presentation. Current Concepts in Joint Replacement Annual Meeting. Orlando, FL. December 2022.

Serino J, Terhune EB, **Burnett RA**, Higgins JD, Jacobs JJ, Della Valle CJ, Nam D. The Ideal Timing of Bilateral Total Knee Arthroplasty: Simultaneous versus Staged. Poster Presentation. Current Concepts in Joint Replacement Annual Meeting. Orlando, FL. December 2022.

Serino J, **Burnett RA**, Boniello AJ, Sporer SM, Della Valle CJ. The Cost-Effectiveness of Tibial Metaphyseal Cones in Revision Total Knee Arthroplasty. Poster Presentation, American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting, November 11, 2021, Dallas TX.

Goltz DE, **Burnett RA**, Wickman JR, Levin JM; Howell CB, Nicholson GP, Verma NN, Anakwenze OA, Lassiter TE, Garrigues GE, Klifto CS. Short Stay After Shoulder Arthroplasty Does Not Increase 90-Day Readmissions in Medicare Patients Compared to Privately-Insured Patients. American Shoulder and Elbow Surgeons (ASES) Annual Meeting, October 2021, Tampa FL.

Goltz DE, **Burnett RA**, Levin JM, Wickman JR, Belay ES, Howell CB, Risoli TJ, Green CL, Simmons JA, Nicholson GP, Verma NN, Lassiter TE, Anakwenze OA, Garrigues GE, Klifto CS. Appropriate Patient Selection for Outpatient Shoulder Arthroplasty: A Risk Prediction Tool. Eastern Orthopaedic Association, October 2021, Nashville TN

Forlenza EM, **Burnett RA**, Korrapati A, Yang J, Forsythe B, Della Valle CJ. Preoperative Corticosteroid Injections Demonstrate a Temporal and Dose-Dependent Relationship with the Rate of Postoperative Infection Following Total Hip Arthroplasty. American Academy of Orthopedic Surgeons Annual Meeting. August 31, 2021, San Diego CA.

Serino J, **Burnett RA**, Della Valle CJ, Courtney PM. National Trends in Post-Acute Care Costs Following Total Hip Arthroplasty from 2010-2018. American Association of Hip and Knee Surgeons 2021 Annual Meeting, November 11-13, 2021, Dallas TX.

Flamant EM, Goltz DE, **Burnett RA**, Wickman JR, Belay ES, Saltzman EB, Nicholson GP, Garrigues GE, Lassiter T, Anakwenze OA, Klifto CS. A Multi-Institutional Study of Preoperative Albumin and Shoulder Arthroplasty Outcomes. Annual Meeting of the Southern Orthopaedic Association; July 21-24 2021, Isle of Palms SC.

Burnett RA, Serino J, Yang JW, Della Valle CJ, Courtney MP. National Trends in Post-Acute Care Costs Following Total Knee Arthroplasty from 2007-2016. AAHKS 2020 Annual Meeting, Dallas TX.

Burnett RA, Yang J, Terhune EB, Hannon C, Courtney PM, Della Valle CJ. Unicompartamental Total Knee Arthroplasty is Associated with Lower Risk of Perioperative Complications Despite Higher Risk of All-Cause Revision, American Academy of Orthopedic Surgeons National Meeting, November 5, 2020, San Diego CA.

Kunze K, **Burnett RA**, Lee E, Rasio J, Nho SJ. Development of Machine Learning Algorithms to Identify Risk Factors for Loss to Follow-up After Hip Arthroscopy for Femoroacetabular Impingement Syndrome: An Analysis of 2,113 Patients. International Society for Hip Arthroscopy 2020, Virtual.

Bedard N, Otero J, Dowdle SB, **Burnett RA**, Liu S, Callaghan JJ. Are Trends in THA Bearing Surface Continuing to Change? A Look at 2007-2015. Orthopaedic Research Society, March 19-22, 2017, San Diego CA.

Teaching Experience

EXPLORE Essentials August 2025-December 2025

Teaching faculty for first year medical students at Rush Medical College

Sole faculty for a group of 8 students exploring the orthopedic specialty

Instructed students on how to gather a history, interview patients, perform physical exam s

Committees

Education Committee, Rush Orthopedic Residency

May 2025 - Present

Editor Positions

The Journal of Bone and Joint Surgery

- Reviewer: April 2024-Present

Journal of Arthroplasty

- Reviewer: 2022 - Present

Journal of Medical Insight

- Peer-reviewed surgical video journal that offers a new gold standard in video-based surgical education (<https://jomi.com>).

- Reviewer: 2020-present

PLOS One

- Reviewer: June 2023-present

Other Memberships

- Alpha Omega Alpha Medical Honor Society, Induction 2017
- Gold Humanism Honor Society- Induction 2018
- Varsity Men's Basketball Team Captain, Washington University in St. Louis 2013

Grants

- L.S. Perry Research Grant: \$5,000 award to study physiologic burden to surgeons during arthroplasty
- MAOA grant: \$2,500 award for senior residents who possess strong ethical and moral standards and have the potential to be a contributing member of the Mid-America Orthopaedic Association

Academic Awards

Alfonsi S, Shalakhti O, Potluri AS, Yadav A, Acuña AJ, Forlenza EM, Terhune EB, Burnett RB. GLP-1 Agonists Versus Bariatric Surgery: Which Management Carries Heavier Weight Prior to Total Hip Arthroplasty? Mid-America Orthopaedic Association. Podium. 2026. (Carl L. Nelson, MD Physician in Training Award)

Burnett RA, Jones CM, Pasha M, Zickler CL, Atkins MA, Turkmani A, Potluri AS, Yadav AS, Shalakhti O, Karas V, Sporer SM, Gerlinger TL, Della Valle CJ. Repeat Exposure to Silver Ion Impregnated Dressing Does Not Increase Risk of Allergic Contact Dermatitis: A Prospective Cohort Study. Current Concepts in Joint Replacement (CCJR). December 10-13, 2025; Orlando, FL. **Awarded the Thomas and Cynthia Sculco Research Award.**

2023 “Chief of the Year” Award

- 2021 Best Abstract – Rush Postdoc Symposium
“Preliminary Investigation of Cement-Implant Interface Debonding in Total Knee Replacements”
- 2021 MAOA Education Grant Recipient
- \$2,500 award for senior residents who possess strong ethical and moral standards and have the potential to be a contributing member of the Mid-America Orthopaedic Association
- 2021 Resident Research Award- Best Research Project
- 2017 Iowa Orthopaedic Society Medical Student Research Award, recipient
- 2014 Postbac Poster Day- Best Poster Presentation Award, Bethesda, MD

Course Instructor Experience

- Hip Anatomy Instructor: Resident anatomy series (7/27/2025)
- AANA/SOMOS Knee Course: TKA Instructor (8/3/2025)
- AAOS Resident Course (April 25-26, 2025)
- AAHKS Resident Course – Cadaver Lab (October 21, 2025)

Lectures Given:

- Fellows Conference: Addressing Leg length discrepancy in THA (October 2025)
- Infectious Disease Grand Grounds: Durable Antibiotic Spacer Options (December 2025)
- AAHKS Teams Course – The Postoperative Visit: Milestones and Red Flags (October 22, 2025)

Session Moderator:

Hip and knee arthroplasty, MAOA, Fairhope AL, 4/18/2026

Volunteer Experience

- Operation Walk
 - Performed total hip and knee arthroplasty in El Salvador as part of a mission trip
- COVID-19 Vaccinator – Rush University Medical Center, March 2021
 - Administered COVID-19 vaccines to patients in the Chicago area
- Surgical cap fundraising drive – February-March 2021
 - Organized a fundraiser to sell custom OR surgical caps to medical students to raise money for annual Dominican Republic medical mission trip
- Soles for Souls – January 2019
 - Provided foot care to homeless Chicagoans and raised money to fund shoe donations

Leadership Experience

- Administrative chief – 2023-2024
- American Board of Orthopaedic Surgery (ABOS)/Council of Orthopaedic Residency Directors (CORD) Resident Representative, 2021-Present
 - Liaison between ABOS and residents to encourage resident participation in Knowledge, Skills & Behavior (KSB) program
- AAOS Resident Advisory Committee, Career Development Committee, 2021-present

- Gunnar Andersson Day Visiting Professorship Coordinator, August, 27, 2021
 - Coordinated visiting professor, Dr. Mark Miller MD FAAOS along with various speakers throughout the day
- Alpha Omega Alpha (AOA) Co-President
- Orthopedic Interest Group President, 2015-2016

Courses Attended

- Park City Hip and Knee Course – August 17-20, 2023, Park City, UT
- HSS 32nd Annual Holiday Knee & Hip Course [Virtual]
 - 12/3/2020-12/5/2020
- Current Concepts in Joint Replacement [Virtual]
 - 12/8/2020-12/12/2020
- Direct anterior approach Hip Course [Rosemont, IL]
 - 1/27/2021
- AAOS Resident Hip and Knee Arthroplasty Course [Rosemont, IL]
 - 2019, 2021
- AAHKS Resident Course
 - 11/11/2021