

Renaissance School of Medicine

Scholarly Concentrations Program

Select Peer-Reviewed Publications

*SCP student names are **bolded**.

Basic, Translational, Clinical, and Social Science Research Track

Almanzar, V. M. D., **Shah, K.**, LaComb, J. F., Mojumdar, A., Patel, H. R., Cheung, J., ... & Bialkowska, A. B. (2023). 5-FU-miR-15a inhibits activation of pancreatic stellate cells by reducing YAP1 and BCL-2 levels in vitro. *International Journal of Molecular Sciences*, 24(4), 3954.

Basu, A., **Yang, J. Y.**, Tsurukis, V. E., Loiacono, A., Koch, G., Khwaja, I. A., ... & Rigas, B. (2024). Phosphosulindac (OXT-328) prevents and reverses chemotherapy induced peripheral neuropathy in mice. *Frontiers in Neuroscience*, 17, 1240372.

Capotosto, S., Matsuo, R., Shroyer, L., & Sbayi, S. (2023). Early detection of general surgery complications using remote patient monitoring: a life saved. *TeleMedicine International*, 1(1).

Chandra MM, Greenspan SH, Li X, Yang J, Pryor AD, Shroyer ALW, Fitzgerald JP. (2021) Race-insurance disparities in prostate patients' magnetic resonance imaging biopsies and their subsequent cancer care: a New York State cohort study. *Am J Clin Exp Urol*. 2021 Dec 15;9(6):435-455. PMID: 34993264; PMCID: PMC8727785.

Dokko, J., Novotny, S., Kolba, N., Agha, S., Yaligar, A., Tummala, V., ... & Bilfinger, T. (2022). Predictors and risk-adjusted outcomes of new-onset postoperative atrial fibrillation in repeat surgical and valve-in-valve transcatheter aortic valve replacement. *Vessel Plus*, 6, 53.

Dokko, J., Novotny, S., Santore, L. A., Shroyer, A. L. W., & Bilfinger, T. (2022). Incidence, etiology, and outcomes of pre-and post-operative atrial fibrillation in mitral valve procedures: a review. *Vessel Plus*, 6, 37.

Fazio, N., White, E., Galenchik-Chan, A., Langman, L., Cossari, A., & Honkanen, R. (2024). Diagnosis of Marfan Syndrome Following Progressive Myopia and Secondary Lens-Induced Angle Closure Crisis. *Cureus*, 16(6).

Ham, E., Park, K., & Egnor, M. (2023). The Role of Neurosurgeons in Policy Development: Addressing Unmet Neurosurgical Needs in Low-and-Middle Income Countries. *Journal of Global Neurosurgery*, 3(1).

Kim, M., Ling, K., Nazemi, A., Tantone, R., Kashanchi, K., Lung, B., ... & Wang, E. D. (2022). Abnormal preoperative platelet count may predict postoperative complications following shoulder arthroplasty. *JSES international*, 6(6), 935-941.

Kim, M., Ling, K., Tantone, R. P., Al-Humadi, S., Wang, K., VanHelmond, T. A., ... & Wang, E. D. (2023). Investigating immediate postoperative medical complication risks relative to in-hospital length of stay after total shoulder arthroplasty. *JSES international*, 7(6), 2467-2472.

- Kolba, N.,** Shroyer, A. L. W., & Bilfinger, T. (2022). 281 A Knowledge Chasm: Preoperative Mental Illness Impact on New Onset Postoperative Atrial Fibrillation. *Journal of Clinical and Translational Science*, 6(s1), 48-48.
- Kuruvilla, A. S.,** Krajewski, A., Li, X., Yang, J., Mulay, S. R., Agha, S. M., ... & Shroyer, A. L. W. (2022). Risk factors associated with postmastectomy breast cancer lymphedema: a multicenter retrospective analysis. *Annals of Plastic Surgery*, 88(3), S239-S245.
- Novotny, S.,** Dokko, J., Zhang, X., Agha, S., Yaligar, A., Kolba, N., ... & Bilfinger, T. (2022). Preoperative atrial fibrillation/flutter impact on risk-adjusted repeat aortic intervention patients. *Vessel Plus*, 6, 51.
- Novotny, S.,** Kort, S., Tannous, H., Pyo, R., Gracia, E., Wang, T. Y., ... & Parikh, P. B. (2023). Predictors of 1-year mortality in Men versus Women undergoing transfemoral transcatheter aortic valve implantation. *The American Journal of Cardiology*, 186, 1-4.
- Mastrogiacomo CN,** Courtepatte A, Moyer A, Preece C, Thompson P, Stopeck A. (2024) Willingness of Women at Increased Risk of Breast Cancer to Participate in Prevention Trials. *JCO Oncol Pract*. 2024 Oct 31:OP2400487. doi: 10.1200/OP-24-00487. Epub ahead of print. PMID: 39481066.
- McMahon, B., **Prabhu, A.,** Thode Jr, H. C., & Singer, A. (2024). Transcutaneous electrical nerve stimulation (TENS) versus sham TENS in adult ED patients with abdominal pain: A clinical trial. *The American Journal of Emergency Medicine*, 76, 7-12.
- Meacock, S. S., Khan, I. A., **Hohmann, A. L.,** Cohen-Rosenblum, A., Krueger, C. A., Purtill, J. J., & Fillingham, Y. A. (2021). What are social determinants of health and why should they matter to an orthopaedic surgeon?. *JBJS*, 10-2106.
- Miskiewicz, M., **Capotosto, S.,** & Wang, E. D. (2023). Evaluation of readability of patient education materials on lateral epicondylitis (tennis elbow) from the top 25 orthopedic institutions. *JSES international*, 7(5), 877-880.
- Purohit, K., **Grandfield, S.,** Dhamija, A., & Abbasi, A. (2023). Foreign Body Aspiration Mimicking an Endobronchial Neoplasm: A Case Report and Review of the Literature. *Cureus*, 15(3).
- Saadon, J. R.,** Yang, F., Burgert, R., Mohammad, S., Gammel, T., Sepe, M., ... & Mofakham, S. (2023). Real-time emotion detection by quantitative facial motion analysis. *Plos one*, 18(3), e0282730.
- Santore, L. A.,** Novotny, S., Tseng, R., Patel, M., Albano, D., Dhamija, A., ... & Bilfinger, T. (2023). Morphologic Severity of Atypia Is Predictive of Lung Cancer Diagnosis. *Cancers*, 15(2), 397.
- Sethi, I.,** Aicher, A., Cheema, F., Powers, K., Rosenbluth, A., Pryor, A., & Spaniolas, K. (2023). Postoperative outcomes for sleeve gastrectomy patients with positive pH-defined GERD. *Surgical Endoscopy*, 37(9), 6861-6866.
- Shim, H. G., **Gupta, A.,** Fu, A., Flores Jr, R., Simmons, R., Steinberg, J., ... & Guillaume, A. (2022). A Quality Improvement Study on Colonoscopy Wait Times in Underinsured Patients Following the COVID-19 Pandemic. *Clinical and Translational Gastroenterology*, 10-14309.

Singer AJ, **Goradia EN**, Grandfield S, Zhang N, Shah K, McClain SA, Sandoval S, Shoham Y. (2023) A Comparison of Topical Agents for Eschar Removal in a Porcine Model: Bromelain-enriched vs Traditional Collagenase Agents. J Burn Care Res. 2023 Mar 2;44(2):408-413. doi: 10.1093/jbcr/irac080. PMID: 35764058.

Tummala V, Kuruvilla A, Yaligar A, Agha S, Bilfinger T, Shroyer AL. (2022) Pre-operative and post-operative atrial fibrillation in patients undergoing SAVR/TAVR. Vessel Plus. 2022;6:17. <http://dx.doi.org/10.20517/2574-1209.2021.114>

Global Health, Humanities and Medical Ethics, and Medical Education Tracks

DePaola, N. F., Wang, K. E., Frageau, J., & Huston, T. L. (2024). Racial Diversity of Patient Population Represented on United States Plastic Surgeons' Webpages. Annals of plastic surgery, 92(4S), S210-S217.

Hake, A. B., & Post, S. G. (2023). Kindness: Definitions and a pilot study for the development of a kindness scale in healthcare. PLoS one, 18(7), e0288766.

Imperato, A.; Strano-Paul, L. (2021) Impact of Reflection on Empathy and Emotional Intelligence in Third-Year Medical Students. Acad. Psychiatry 2021, 45, 350–353.

Kazmi, M., **Wong, S.**, Conklin, P., Cohen, D., Wackett, A., & Lu, W.-H. (2025). Preparation for Residency: Effect of Formalized Patient Handover Instruction for Fourth-Year Medical Students. International Medical Education, 4(2), 10. <https://doi.org/10.3390/ime4020010>

Lu, W.-H., **Pang, L.**, & Strano-Paul, L. (2024). The Impact of COVID-19 Service Learning on Medical Student Professional Identity Formation. Journal of Medical Education and Curricular Development, 11. <https://doi.org/10.1177/23821205241262686> (Original work published 2024)

Melian C, Frampton C, Wyatt MC, Kieser D. Teleconsultation in the Management of Elective Orthopedic and Spinal Conditions During the COVID-19 Pandemic: Prospective Cohort Study of Patient Experiences. JMIR Form Res. 2021;5(6):e28140. Published 2021 Jun 15. doi:10.2196/28140

Oddiri U, **Islam S**, Lu WH. (2023) Understanding the Impact of Schwartz Rounds on Pediatric Clinicians' Well-Being Using the Positive Emotion, Engagement, Relationships, Meaning, and Accomplishment (PERMA) Model for Flourishing: A Qualitative Analysis. Cureus. 2023 Oct 1;15(10):e46324. doi: 10.7759/cureus.46324. PMID: 37916227; PMCID: PMC10617747.

Phillips, H. E., Jennings, R. B., Outhwaite, I. R., Grosser, S., Chandra, M., Ende, V., & Post, S. G. (2022). Motivation to impact: medical student volunteerism in the COVID 19 pandemic. Medical Science Educator, 32(5), 1149-1157.

Wong, B. J., Lee, R. J., Saragossi, J., Post, S. G., & Glaubach, T. (2022). Inpatient Care Team Views on Child Life Services: A Scoping Review. Hospital Pediatrics, 12(11), e400-e415.