

SLU BME Newsletter

School of Science and Engineering | Saint Louis University

Publications

Doctorate student **Prathamesh Bhagvath** from **Dr. Hall's** lab in collaboration with **Dr. Mercier** submitted an article titled "Design and Accuracy Assessment of an Automated Image-guided Robotic Osteotomy System" and was accepted by [IEEE Transactions on Medical Robotics and Bionics](#) on October 2023.

Promotions and Appointments

Dr. Zustiak joined the Editorial Board for the journal [Scientific Reports](#) by [Nature Publishers](#). The journal has an impact factor of 4.6 and publishes original research from all areas of the natural sciences, psychology, medicine, and engineering.



Dr. Zustiak became an Associate Editor for the Biomaterials Specialty Section for [Frontiers in Bioengineering and Biotechnology](#) (Impact factor: 6.1), [Frontiers in Materials](#) (Impact Factor: 3.2), and [Frontiers in Molecular Biosciences](#) (Impact factor: 5.0), all by [Frontiers Publisher](#).



Conference Presentations

2023 IDBI Mixer

Congratulations to **Sam Stealey**, a postdoc in **Dr. Zustiak's lab**, who gave an invited talk titled "Hydrogels and Nanocomposites in Drug Delivery Applications" at the [Institute for Drug and Biotherapeutic Innovation Therapeutic Mixer](#) at SLU on November 10, 2023

2023 Institute for Translational Science Symposium

Alli Faber, an MS student in **Dr. Zustiak's lab** presented a poster for the ITN symposium. **A. Faber, S. Nejat, J. Bruns, *S. P. Zustiak**, "Glioblastoma Spheroid Growth, Infiltration, Motility, and Chemotherapeutic Responses in Single and Dual-Stiffness Hydrogels", (Poster), [Institute for Translational Neuroscience Symposium](#), SLU, November 3, 2023, St Louis, MO



