



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.

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

Promotions and Appointments

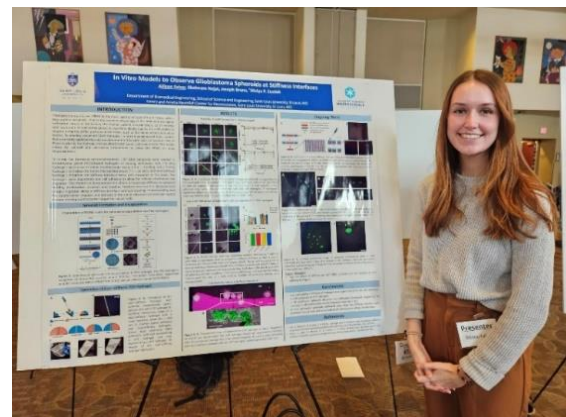
Dr. Zustiak joined the Editorial Board for the journal Scientific Reports by Nature Publishers. The journal has an impact factor of 4.6 and publishes original research from all areas of the natural sciences, psychology, medicine, and engineering.



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

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.



Welcome New Staff

In October 2023, Lindsay Jacobs joined the BME department as the new administrative assistant. Prior to this role, she spent 18 years working as a teacher of the deaf and hard of hearing in both the K-12 and early childhood (birth-3) settings. After living in Minneapolis and Seattle, Lindsay is excited to be back in her hometown of St. Louis and is eager to support the faculty and students in BME at Saint Louis University. Please be sure to welcome her when you see her!



Graduate Social Event

BME at the Armory

A big thank you to those who came out for the graduate student outing on Friday November 10th, 2023, at the Armory. Hope that everyone enjoyed themselves including supporting graduate student DJ **Connor Tobo**! Check out the pictures below!



Social Media Update

SLU BME is working to reach all major social media platforms in the upcoming month! Follow for updates and never miss out on exciting content!



LinkedIn: SLU Biomedical Engineering



Facebook: SLU Biomedical Engineering



Instagram: slu_bme



Twitter/X: SLU_BME