SBHSE SEMINAR

School of Biological and Health Systems Engineering

BME Alumni in Industry
Friday, February 21, 2025
9:00 a.m. - 9:50 a.m., SCOB 228
Faculty Host: The Graduate Student Council

Abstract Come to the BME Alumni in Industry panel. This week, four former ASU students share their experience transitioning into industry after graduate school. They will go over their career paths, share their experience in industry, and their tips to start your own job-search.

Biosketches:

Cynthia Overstreet Cynthia Overstreet is a Senior Analytical Programmer at RxAnte, Inc, a company that provides Pharmacy Care Management services. Cynthia holds a bachelor's degree in Biomedical Engineering from Case Western Reserve University and a PhD in Biomedical Engineering from Arizona State University. In her early career, she worked for medical device startup companies where she contributed to the development of retinal prosthesis and sensory peripheral nerve interface technology. She then transitioned to a career in healthcare data analytics. Her analytic work has focused on value-based care, which aims to improve patient experience and outcomes, population health, and healthcare provider experience while reducing healthcare costs.

Rachel Berger: Rachel Berger is a Hardware Engineer in Product Development at Medtronic. She designs circuit boards for implantable medical devices, specifically products for deep brain stimulation, sacral nerve stimulation, and sacral nerve stimulation. Rachel designed the circuit board for the Percept™ PC and Vanta™ devices. She received her undergraduate degree from ASU's biomedical engineering program, graduated with the Barrett Honors College, and has a Spanish minor. Following graduation, she interned at Medtronic and then completed the 4+1 program. She also received her Six Sigma Black Belt from ASU and is a Design for Six Sigma Master Black Belt at Medtronic. Rachel is a member of ASU's Engineering Alumni Board.

Hanin Bearat: Hanin got her undergraduate, masters and PhD degrees from ASU in Biomedical Engineering. Her PhD work in Dr. Brent Vernon's lab was on developing temperature-sensitive hydrogels for endovascular treatment of brain aneurysms. After graduate school, she pursued a postdoctoral fellowship in BME at Duke University in Dr. Jennifer West's lab, where she worked on developing 3D vascularized liver tissues in biomimetic hydrogels. She then joined the medical device industry and has been at Medtronic for over 9 years. She has held roles in Quality and Product Development, and is currently a Senior Program Manager in Technology, bringing new technologies forward into products that further help patients. In her spare time, she enjoys spending time with her family & friends, especially her husband and 2 young boys, traveling and exploring the world, and enjoying tasty food and international music!

Chetan Patel: Chetan Patel is the Co-Founder and Chief Product Officer at Basata, a VC-backed AI health tech company based in Arizona, focused on building the world's best AI admins for healthcare. With over a decade of experience in medical technology, Chetan previously led R&D teams at Medtronic, where he played a key role in bringing cutting-edge cardiac medical devices to market. His deep expertise in healthcare innovation is rooted in his academic background—prior to his industry career, he pursued a Ph.D. in Biomedical Engineering at Arizona State University.