



CASE WESTERN RESERVE
UNIVERSITY

DEPARTMENT OF BIOMEDICAL ENGINEERING

Case School of Engineering and School of Medicine

Day & Time: Thursday @ 11:45 AM - 12:45 PM

Location: Wickenden Bldg, Room 321

Livestream: [CLICK HERE](#)

FALL 2026 SEMINAR SERIES

Chris Pulliam, PhD & Colin Drummond, PhD, MBA

SEPTEMBER 3, 2026

[Case Western Reserve University • Department of Biomedical Engineering](#)

Dr. Pulliam translates cutting-edge neurotechnology into clinical solutions for motor recovery and upper-limb neural prostheses. Dr. Drummond leads CWRU's BME design and entrepreneurship initiatives, specializing in medical device innovation, digital health, and regulatory pathways. Together, they open the Fall series showcasing translational research and engineering design at CWRU.

Javier Munoz Briones, PhD

SEPTEMBER 17, 2026

[Eli Lilly and Company • Parenteral Delivery & Bio-Therapeutics](#)

Dr. Munoz Briones drives industry innovation in biotherapeutics and advanced parenteral drug delivery technologies at Eli Lilly. His work focuses on the critical interplay between device engineering, drug formulation, and long-term patient compliance. He brings a valuable pharmaceutical perspective on translational engineering and commercial drug delivery systems.

Rafael Carbunaru, PhD

OCTOBER 1, 2026

[Boston Scientific • Active Implantables & Neuromodulation R&D](#)

Dr. Carbunaru is an R&D leader pushing the boundaries of bioelectronic medicine and active implantable devices. At Boston Scientific, he translates complex electrophysiology into scalable, life-changing neural devices and spinal cord stimulation technology. His work offers deep insights into corporate R&D, active implant safety, and next-generation neuromodulation.

Christa Pawlowski, PhD

OCTOBER 15, 2026

[Haima Therapeutics • Platelet-Inspired Nanotechnologies](#)

Dr. Pawlowski, Co-Founder, COO, and EVP of R&D at Haima Therapeutics, leads the development of synthetic, platelet-inspired nanotechnologies for treating severe hemorrhage. A CWRU BME doctoral graduate, she brings over 15 years of experience translating academic research into commercial biotech leadership across oncology, cardiovascular, and bio-therapeutic fields.

Andrew Webb, PhD

NOVEMBER 5, 2026

[University of Illinois Urbana-Champaign • Bioimaging Science and Technology](#)

Dr. Webb is a world expert in MRI physics, RF coil design, and ultra-low-cost, portable imaging technology. He actively drives global health initiatives to make diagnostic MRI hardware accessible in underserved and resource-limited regions. His work leads the field in medical imaging physics, hardware innovation, and high-field signal processing.

He (Helen) Huang, PhD

NOVEMBER 19, 2026

[NC State University & UNC Chapel Hill • Joint Department of Biomedical Engineering](#)

Dr. Huang pioneers neural control interfaces for powered prostheses and lower-limb exoskeleton technologies. Her research integrates electromyography (EMG) and intent decoding to restore natural locomotion for individuals with mobility impairments. She is a leading authority in bio-robotics, adaptive gait assistance, and cyber-physical human systems.

Susan Thomas, PhD

DECEMBER 3, 2026

[Georgia Tech & Emory University • Wallace H. Coulter Department of Biomedical Engineering](#)

Dr. Thomas engineers biomaterials specifically designed to navigate and interact with the lymphatic system. Her lab develops targeted drug delivery platforms that enhance cancer immunotherapy and combat tumor metastasis. She is a recognized leader in understanding transport phenomena within lymphatic biology and the tumor microenvironment.

