

**About ASSIST**

The realization of self-powered wearable systems for monitoring human performance is possible only with breakthrough technologies that maximize energy harvesting and minimize power consumption. The vision of the ASSIST Center is to develop and integrate such technologies to pioneer the shift towards data driven health management and environmental sensing. These state-of-the-art always-on platforms will inform decisions to manage wellness and establish long-term human performance baselines. ASSIST is fostering a culture of team-based research, education, and innovation, cultivating a diverse group of talented students who are being trained as leaders in the research and innovation of integrated technologies.

Participation in ASSIST Industry Advisory Board

The systems-level approach and industrial engagement model at ASSIST keeps a focus on cross-disciplinary research in complex fields and addresses important problems in industry while giving industry direct input into the innovation strategy of the Center. ASSIST's numerous industry members enjoy such benefits as following technology developments in fields related to their business, supporting advances in technology spaces important to their companies, and gaining access to specific expertise in the Center through faculty and students.

Examples of Industry Engagement:

Sponsored Research - In addition to staying updated on the current state of the art in low power and energy harvesting systems, numerous Industry Members also sponsor specific competitive projects directly with ASSIST faculty and students. The ASSIST universities have prodigious research capabilities and maintain class-leading research facilities. Accessing these resources can provide opportunities for dedicated sponsored research projects specifically designed to support the needs of industry benefactors.

Senior Design - Industry Members also support student development through undergraduate and graduate design courses. These courses require smaller capital commitments from Industry Members than dedicated sponsored research projects and may result in proof-of-concept designs. These proof-of-concept designs frequently lead to further corporate development internally, and readily demonstrate value of the membership for an Industry Member's internal stakeholders.

Connecting Engineers - Still other Industry Members engage with the ASSIST ecosystem by building relationships between ASSIST research labs and their corporate engineering teams. These relationships can lead to the transfer and testing of materials between the universities and industry labs and can accelerate the pace of development on commercial R&D projects. Gaining direct access to the thought leaders supported in the ASSIST ecosystem can enable Industry Members to leapfrog their competition, better inform their product roadmaps, and significantly broaden their innovation pipelines.

Knowledge Dissemination - Industry engagement with faculty, interactions with students, and behind-the-scenes access to our proprietary research concepts increase value throughout the member's organization. Industry Membership automatically enables the reception of confidential information from ASSIST. With access to over 30 faculty labs and 100+ graduate students constantly publishing and innovating, this knowledge may lead to significant advancements within your corporate engineering teams.