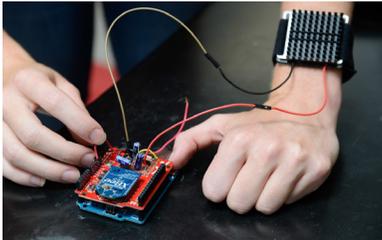


EUREKA PARK

2015 International CES | Sands Level Two
National Science Foundation booth #75280

At NSF-funded Engineering Research Centers (ERCs) across the United States, interdisciplinary university teams turn new knowledge into new systems technologies. Working closely with industry and regional stakeholders, the ERCs ultimately aim to commercialize technological innovations.

ADVANCED SELF-POWERED SYSTEMS OF INTEGRATED SENSORS AND TECHNOLOGIES (ASSIST)



Developing nanotechnology-enabled, self-powered, wearable health and environment monitoring devices to enable wellness management and prevent chronic disease.

Will demonstrate components for human body energy harvesting (heat and motion), physiological sensing with electrodes and electronics integrated into textiles, and ultra-low power radio communication.

Tom Snyder | tdsnyder@ncsu.edu | 919.272.3663 | @ASSIST_NCSU | #73010

NANOMANUFACTURING SYSTEMS FOR MOBILE COMPUTING AND ENERGY TECHNOLOGIES (NASCENT)

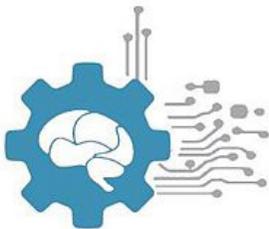


Developing next-generation nanotechnology manufacturing systems to enable future mobile computing devices.

Will be displaying nanostructures on flexible plastic substrates and thin flexible crystalline silicon foils fabricated using NASCENT's unique nanomanufacturing infrastructure.

Larry Dunn | larry.dunn@nascent-erc.org | 512.422.9471 | @NASCENT_ERC | #73006

CENTER FOR SENSORIMOTOR NEURAL ENGINEERING

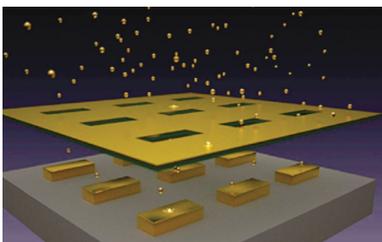


Designing closed-loop neural interactive systems that help restore function and mobility for people with neurological disorders. The technologies can also enhance human-computer interactions for people who are not disabled.

Will demo vHAB, a virtual rehabilitation platform designed to increase adherence to therapy by engaging people who use it in a series of fun and adaptive games that emulate standard therapy tasks.

Mary Guiden | mguiden@uw.edu | 206.854.3786 | @NeuralE_Ctr | #75441

SMART LIGHTING ENGINEERING RESEARCH CENTER



Changing the way society uses lighting by developing new technologies and applications for solid-state lighting systems to improve health, safety, productivity and energy efficiency.

Will showcase an Ebola detection product from an ERC start-up company.

Silvia L. Mioc | miocs@rpi.edu | 303.818.1303 | @smartlight_erc | #75444

