Nanomechanics and Nanomaterials Lab
Leveraging the study of advanced material systems at the nanoscale
Frank T. Fisher, Department of Mechanical Engineering

Nano-hybrid shish kebab (NHSK) for tailored nanocomposite interfaces
NSF CAREER – Mat. Process & Manu.

Shear-induced crystallization (SIC) of polymer nanocomposites
Better dispersion = more surface area = faster SIC

Ambient vibration energy harvesting
Defense Threat Reduction Agency (DTRA)

Tunable frequency bandwidth