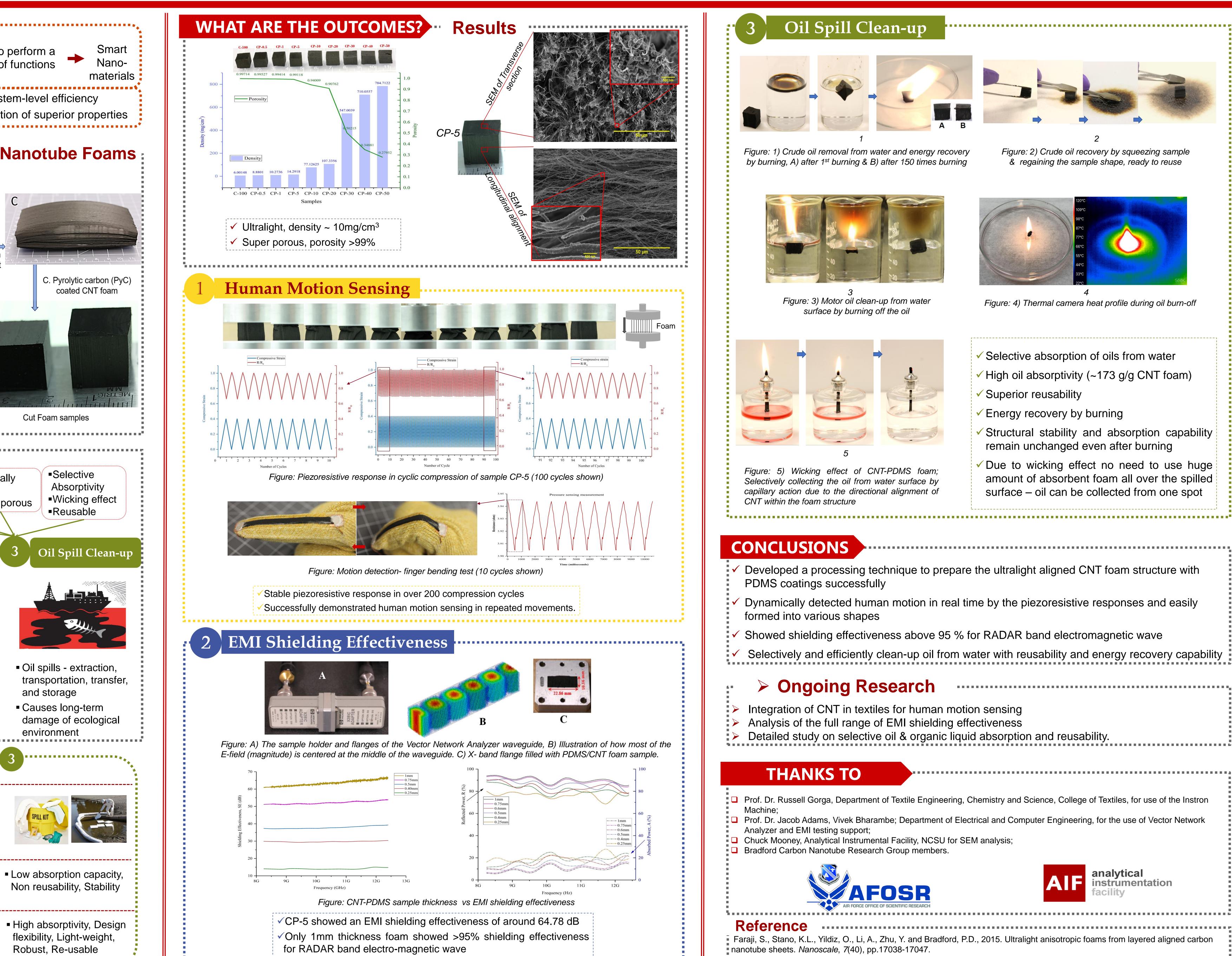


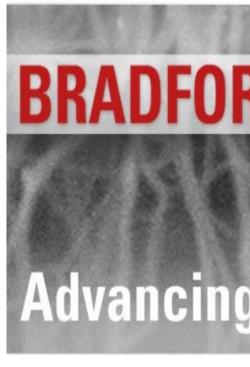
Polymer Reinforced Multifunctional Ultralight Carbon Nanotube Foams with Tunable Properties for Real-world Applications

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> Transforming the unique, superior and diverse properties of ultralight aligned carbon nanotubes and integration of these novel properties with innovative design approach for developing smart multifunctional materials.



High absorptivity, Design flexibility, Light-weight Robust, Re-usable



Significant **Achievements**

This work successfully developed a methodology for making stable, ultralight 3D CNT foams and demonstrated versatile applications, which can be easily extended to other nano-material systems, and opens up a broad way to prepare high-performance multifunctional materials.



Advancing Carbon Nanotube Textiles