

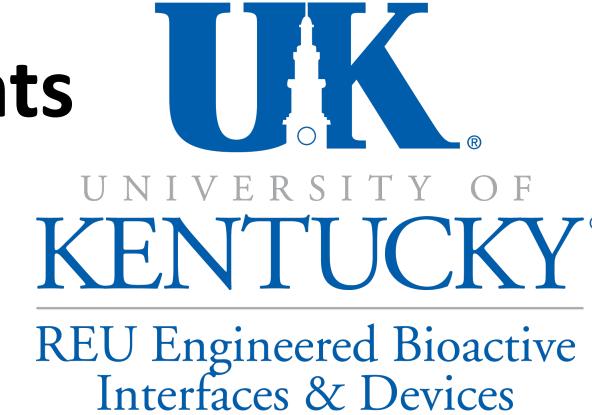
Addressing PFAS Contamination in Blood Bank Supplies with Hydrogel Nanocomposite Sorbents Anicah L. Smith, E. Molly Frazar, J. Zach Hilt Department of Chemical and Materials Engineering, University of Kentucky, Lexington, KY 40506

similar to that of blood serum.

consumer products since the 1940s (Teflon, firefighting foam, stain repellents)



Research completed as part of the University of Kentucky REU Program of Bioactive Interfaces and Devices



es		Future Work
yst ratios for all		ntinue TGA analysis of synthesized lymers
sslinked polymer y swelling analysis	an	nduct binding studies with average alyte concentration found in human rum
perimental procedure		nduct binding studies in simulated plasma trix or real human blood serum