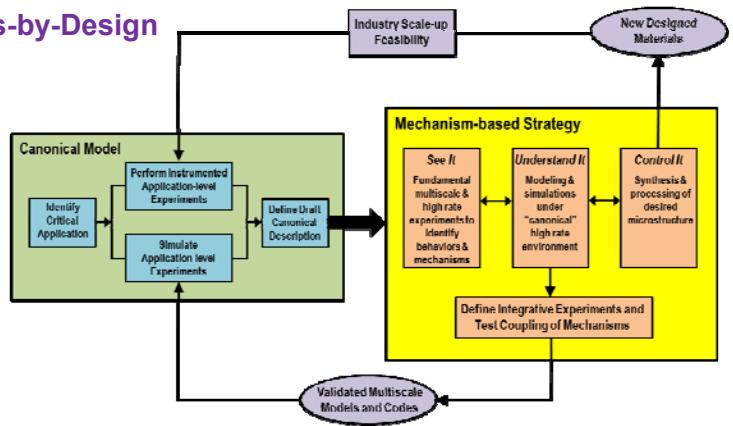




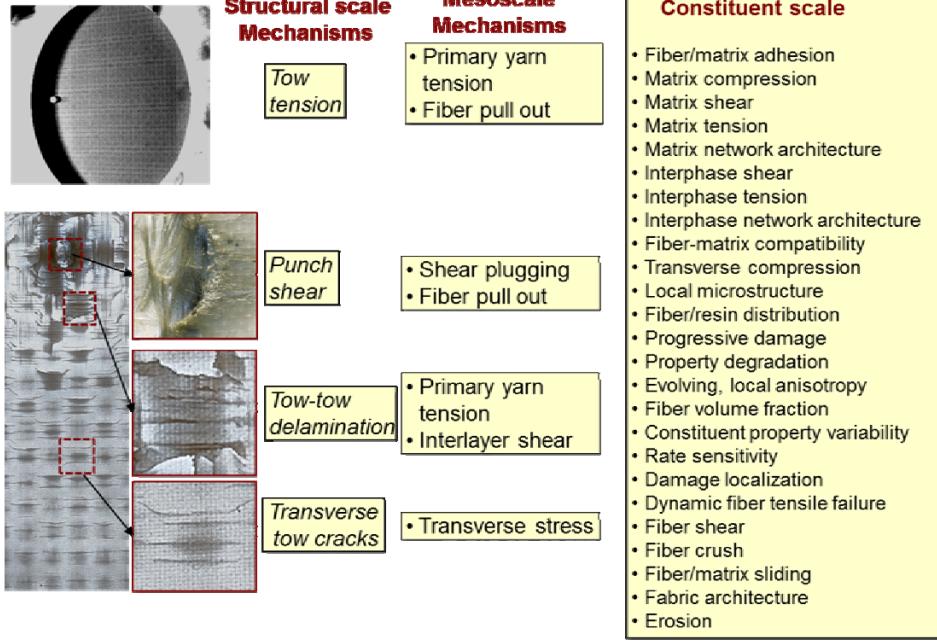
Professor Jack Gillespie, University of Delaware; Dr. Danny O'Brien, Army Research Laboratory

Enterprise for Multi-scale
Research of Materials

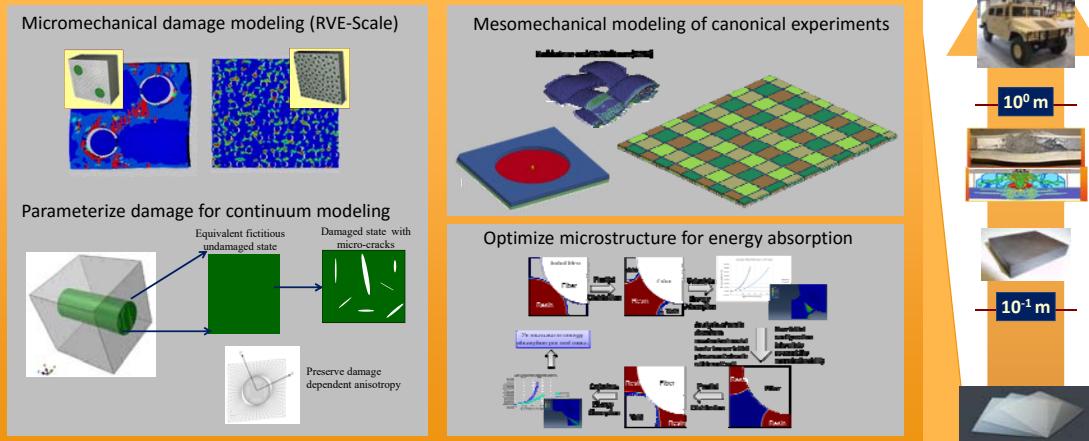
Materials-by-Design Process



Mechanism-Based Approach



Representative Volume Element-to-Continuum Modeling and Design



Molecular Design and Synthesis

