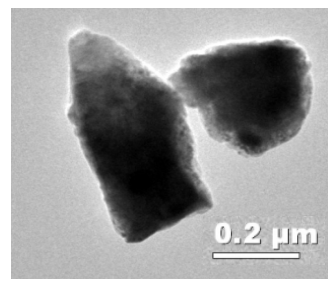
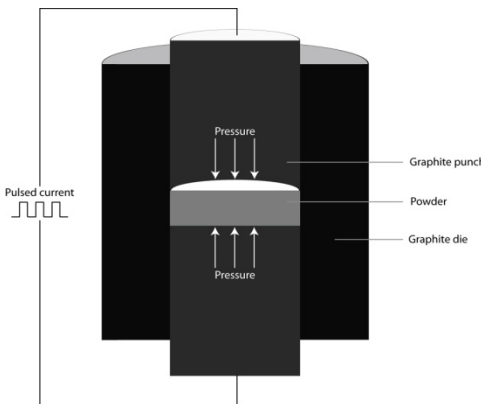
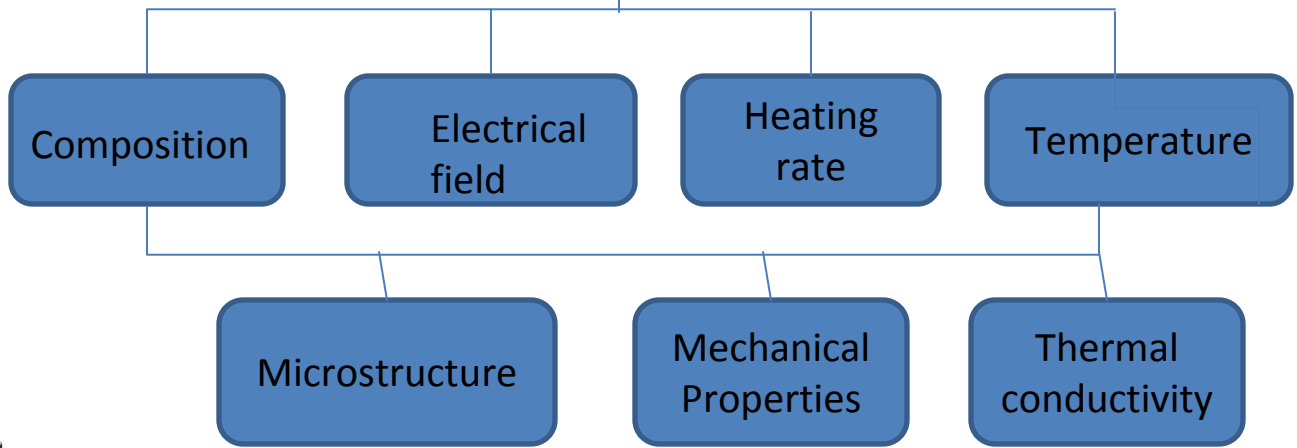


Processing of Ternary High-Temperature Ceramic Composites For Aerospace Applications-CMMI#078584

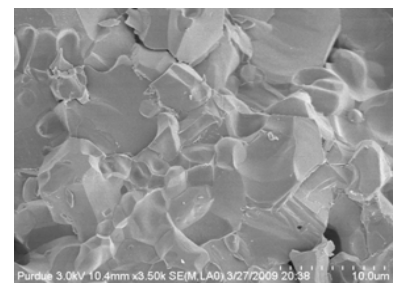
Lia Stanciu, Assistant Professor (2005-present)

Ph.D., Materials Science and Engineering, 2003, U.C. Davis. Thesis: Field Assisted Sintering of Ceramic Materials

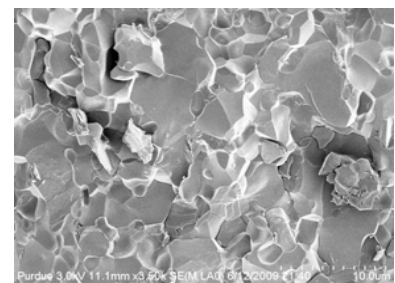
Aim: bulk UHTC's (ZrB₂-SiC-ZrC) with fine microstructure, improved mechanical properties, high density and good thermal properties



Initial powder



60-2-38



80-10-10