

Research Interests

PARTICIPANTS' AREAS OF RESEARCH AND TECHNICAL WORK

*	Committee Member
**	Speaker

Benjamin Shapiro, University of Maryland



My research is in the modeling, control, and optimization of micro-scale systems for bio-chemical applications, which include steering cells on chip by micro-flow control, control of bio-compatible micro-scale actuators, and control of magnetic fields to target chemotherapy coated nano-particles to deep tissue tumors.