

Faculty & Expertise



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<u>Sharmila M. Mukhopadhyay</u>, *Mechanical Engineering & Director (Ph.D. Cornell)* **Nanomaterials for sensing, water purification, tissue engineering and catalysis**

<u>Carl P. Tripp</u>, Chemistry (Ph.D. Ottawa) Surface chemistry, nanoporous materials, ispectroscopy, thin films, colloids

<u>Scott D. Collins</u>, Chemistry (Ph.D. Brigham Young)

MEMS, nanofabrication, micromechanical components, microphotonic devices

Brian G. Frederick, Chemistry (Ph.D. Cornell)
Surface catalysis, vibrational spectroscopy, time-of-flight detection

Robert J. Lad, Physics, (Ph.D. Cornell)

Materials science, ceramics, thin film synthesis, surface characterization, sensors

<u>Robert W. Meulenberg</u>, *Physics (Ph.D. UC Santa Barbara)*Nanomaterials, magnetic materials, synchrotron spectroscopies, heterostructures

Rosemary L. Smith, Electrical & Computer Engineering (Ph.D. Utah, 1982) Bio-MEMS, microinstruments, microsystems engineering