Otto York Center for Environmental Science and Engineering
Core Facilities @ York Center

• A Unique Combination of Advanced Analytical Instrumentation and Expertise

• Material Characterization, Chemical Analysis, Environmental Measurements

• Microscopy, mass spectroscopy, spectroscopy
Services @ Otto York Center and MCL

• Testing
• Training
• Access to Equipment
• Contract research
Chemical Analysis

- Organics, Metals
- Structural Identification
- Ions
- Mass Spectroscopy
- Optical Spectroscopy
- XRD
- FTIR, NMR, Raman
- IC, HPLC, GC
- GC/MS, LC/MS, ICP/MS
- TGA, BET
Environmental Analysis

• EPA Methods for VOCs, SVOCs, Metals, and Ions
• Air, Water, Hazardous Waste
• Purge & Trap GC, Thermal Desorber
• GC/MS, LC/MS, ICP-MS
• AA, TOC
Material Characterization

*Microscopy, Spectroscopy, Structure Analysis*

- Particle Size, Dielectric Properties
- SEM, EDX, AFM
- XRD
- SNOM
- PSA
- Sample Preparation
Faculty Instrument Usage Seed Grants @ Otto York Center

• Bring your research ideas
• Put us in your proposals
• Free student training and instrument usage