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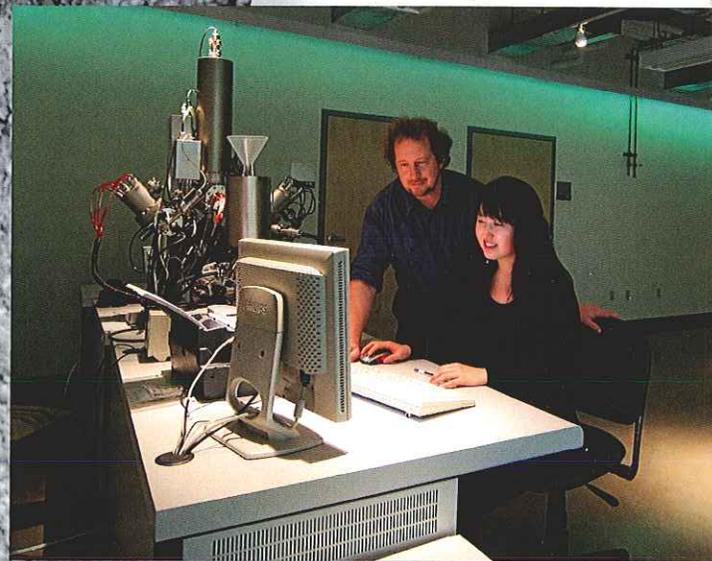
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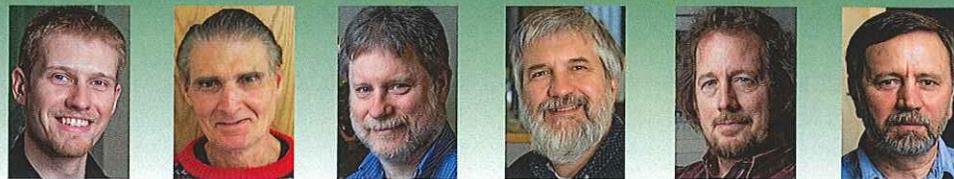


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Nanofabrication & Imaging Facility

Director: Kurt Langworthy / klangwor@uoregon.edu, 541.346.4508
 Thermal Field Emission Scanning Electron Microscope w/ lithography (TFE-SEM)
 FEI Dual Beam Focused Ion Beam (DB-FIB)

Polymer Characterization Facility

Director: Dr. Richard Chartoff / chartoff@uoregon.edu, 541-346-2493
 Differential Scanning Calorimeter (DSC) (Multiple)
 Dynamic Mechanical Analyzer (DMA)
 Thermal Gravimetric Analyzer (TGA) (Multiple)
 Instron - Universal Materials Testing
 Dimatix Precision Inkjet Materials Printer

Microanalytical Facility

Director: John Donovan / donovan@uoregon.edu, 541.346.4632
 Electron Probe Micro Analyzers (EPMA)
 Variable Pressure Environmental Scanning Electron Microscope (FEG-ESEM)

NMR Spectroscopy Facility

Director: Dr. Michael Strain / mstrain@uoregon.edu, 541.346.4605
 Nuclear Magnetic Resonance (NMR) Spectrometers
 600MHz 4-Channel, 500MHz 3-Channel, 300MHz (multiple)
 (X-Band) Electron Spin Resonance Spectrometer (ESR)

High Resolution Imaging & Analytical Facility

Director: Kurt Langworthy / klangwor@uoregon.edu, 541.346.4508
 FEI Titan (Scanning) HR Transmission Electron Microscope
 FEI Tecnai G² Spirit for life sciences and soft matter research

Surface Analytical Facility

Director: Dr. Stephen Golledge / golledge@uoregon.edu, 541.346.3617
 Time-of-Flight Secondary Ion Mass Spectrometer (ToF-SIMS)
 X-ray Photoelectron Spectrometer (XPS)
 Scanning Auger Microscope (SAM)
 MALDI / ESI Mass Spectrometer
 Scanning Near-Field Optical Microscope (SNOM)
 Atomic Force Microscope (AFM)

X-ray Facility

Director: Dr. Lev Zakharov / lev@uoregon.edu, 541.346.4620
 High Brightness X-ray Diffractometers
 Single-Crystal (multiple)
 Powder (multiple)
 Thin Film (multiple)

General Inquiries: Kurt Langworthy: klangwor@uoregon.edu / 541-346-3660
 Melodi Jayne: mjayne@uoregon.edu / 541-346-6447

On the web: CAMCOR.uoregon.edu