**ASU extends leadership in electron microscopy.**

The Center’s new Nion UltraSTEM 100 is now installed in ASU’s Southwestern Center for Aberration Corrected Electron Microscopy and extends ASU’s capabilities to characterize materials at the atomic level.

**Within the SCOPE.** Center director Tom Sharp comments on his recent expedition to Antarctica and the opportunities available to ASU researchers and industrial users as the Center expands our portfolio of world-class instrumentation.

**Better Cell Phone Reception.** The laboratory of former Center director Nathan Newman has created an advanced material that helps phone calls stay connected.

**New Profilometers.**

We’ve enhanced our capabilities with an Optical Profiler from Zygo and a Dektak XT Stylus Profiler from Bruker. Both measure surface height, roughness and volume in three dimensions.

**Harvesting Light.** ASU Graduate students Liuxian Zhang and Ben Miller are high-tech farmers, using the Center’s high resolution electron microscopes to harvest light using photocatalysts.

**Science is Fun.** The Center’s educational outreach program gears up for another year engaging K-12 students across greater Phoenix.

**Welcome, Henny Cathey!**

Dr. Henrietta Cathey joins ASU as Assistant Research Professor and manager of the LeRoy Eyring Center’s new JEOL 8530 Electron Microprobe.

**New LE-CSRSS video!** Take a 3-minute journey across the landscape of the LeRoy Eyring Center. See the end markets and applications that benefit from our characterization services.

**Welcome, Toshi-san!**

Dr. Toshihiro Aoki joins LE-CSRSS as a key technical resource for the Southwestern Center for Aberration Corrected Electron Microscopy.

**R&D Magazine Profiles New Microscopy Building.**

The latest issue of R&D Magazine looks at the design of ASU’s Southwestern Center for Aberration Corrected Electron Microscopy.

**ASU Protein Research: Top 10 Breakthrough.**

An ASU research team lead by Regents professor John Spence is part of an international effort on determining protein structures that the journal Science cites as one of the top 10 breakthroughs of 2012.