The Wisconsin MRSEC’s fourth annual Facilities Day Open House, held on April 12-13, 2018, engaged 165 scientists, engineers, students, instrument vendors, and employees of local companies. Day 1 featured tutorials by vendors of instrumentation, which were followed by presentations of MRSEC research that used the instrumentation. Day 2 focused on demonstrations of regionally unique instruments, including the MRSEC’s atom probe and aberration-corrected scanning transmission electron microscope. MRSEC shared facilities are also being used for educational outreach to school-age students. For example, students and teachers at local schools have used the MRSEC’s table-top scanning electron microscope to image microstructures such as the stoma of plants.