

Tektronix and Intel Equip New ECE Lab

Tina Batten

Thanks to the generosity of Tektronix and Intel, and to Virginia Stonick's efforts, ECE's new Communications and Signal Processing Systems Engineering Design Studio (CASPS) opened its doors this past spring.

The new lab includes general workbench equipment that all ECE students should know how to use effectively before entering the workforce.

Stonick used a \$55,000 grant from Intel to purchase and set up 16 new, networked PCs. The lab also boasts a variety of Tektronix test equipment including several oscilloscopes, spectrum analyzers, programmable power supplies, and an arbitrary waveform generator. Through a very generous discount, Tektronix provided the lab with over \$326,000 of equipment for a fraction of the price.

While there are classes that use the lab at specific times, students can access the lab outside of class time. And because the PCs are networked, students will be able to remotely log in to collect and analyze data without having to physically be in the lab.

Stonick feels the lab setup helps encourage self-learning and excitement

for the field. In addition, the lab allows students to master up-to-date lab skills, become used to a professional-quality learning environment, and are better prepared for the real world.

Intel's Wendy Hawkins worked with Stonick on creating the lab. Hawkins said Intel was pleased to help. "We share Professor Stonick's belief that students who have the opportunity to work directly with the technology early in their undergraduate careers will be energized and excited about a future in the high tech industry. The more hands-on experience these students have, the better prepared they are for success when they enter the 'real world.'"

"As a company that designs test and measurement equipment, hands-on



David Brown, Vice President of Technology, Tektronix; Virginia Stonick; Ken Janik, Intel

training in the areas of design verification and test are crucial to the education and training of future engineers," said Jack Hurt, IC Design Tools Manager for IC Operation. Hurt was instrumental in obtaining Tektronix's support. "In addition, it's essential to the future competitiveness of the students and the companies for whom they choose to work. We appreciate the opportunity to put quality equipment in labs that benefit OSU graduates and—ultimately—the high-tech industry." ■

Marshall Named Director of Development

Melanie Marshall has been appointed Director of Development for the College of Engineering. She has worked in development at Oregon State University for nine years, most recently as the director of development for the 4-H Foundation and as a charitable gift planner in the Charitable Estate Planning Office.

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