UC SANTA BARBARA

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UCSB DIGITAL IMAGING WORKSHOP BEGINS TODAY

A four-day workshop, Aug. 23-26, on modern techniques in microscopy and electronic imaging for biological research begins today by UC Santa Barbara's Integrated Microscopy Facility.

Participants will be using about $400,000-worth of equipment from Olympus of America with capabilities to detect a single molecule. Electronic cameras provided by DAGE-MTI, filters from Omega Optical, Inc., software from Media Cybernetics, reagents from Jackson-Immunoresearch, and optical components from Scientific Instruments also are to be used.

These companies have formed a partnership with the Integrated Microscopy Facility to create a teaching center that will train scientists in the most modern techniques in electronic imaging.

The Advanced Microscopy and Digital Imaging Workshop will be held in room 1211 in Biological Sciences II building, 9 a.m. to 5 p.m., covering everything from the basics (parts of a microscope) to specimen preparation in fluorescence microscopy.

"Advanced, hands-on training in their use, and their use with computers, is critical for such advanced research tools," said Brian Matsumoto, workshop director and director of the Integrated Microscopy Facility of the Neuroscience Research Institute and the Department of Molecular, Cellular, and Developmental Biology. "And these tools are essential for understanding cell structure."

About UC Santa Barbara

The University of California, Santa Barbara is a leading research institution that also provides a comprehensive liberal arts learning experience. Our academic community of faculty, students, and staff is characterized by a culture of interdisciplinary collaboration that is responsive to the needs of our multicultural and global society. All of this takes place within a living and learning environment like no other, as we draw inspiration from the beauty and resources of our extraordinary location at the edge of the Pacific Ocean.