

Microscopy & Imaging Core Facilities - contact information

The Cellular Imaging Core of the Southwest Environmental Health Sciences Center (SWEHSC) provides all types of microscopy and imaging-related support to faculty, staff and students who are affiliated with the SWEHSC. We are available to assist SWEHSC investigators in planning experiments, answering technical questions, troubleshooting problems, providing instrument-specific training, assisting in the interpretation of results and reviewing pertinent sections of grant proposals and manuscripts. The SWEHSC is supported by NIEHS grant # ES06694. For more information, see our web site at: <http://swehsc.pharmacy.arizona.edu/exppath/>



Name	Phone	Office	Email
Clark Lantz, Ph.D., Core Director	626-6716	LSN 447	lantz@email.arizona.edu
Doug Cromey, M.S., Core Manager	626-2824	AHSC 4212A	cromey@arizona.edu

The following facilities and cores are run by a number of departments. The Cellular Imaging Core works closely with these labs and often provides technical, financial and/or supervisory support.

Histology Service Lab (Dept of Cell Biology & Anatomy, AHSC)

Name	Phone	Lab	Email
Andrea Grantham, HT (ASCP)	626-4415	AHSC 4212	histo@u.arizona.edu

A full-service paraffin and frozen-section histology lab. See: <http://www.cba.arizona.edu/Histo/index.html>

Electron Microscopy Facilities (Div. of Biotechnology, Arizona Research Labs)

Name	Phone	Lab	Email
Tony Day, Ph.D. (AHSC facility)	626-6099	LSN 410	waday@email.arizona.edu
David Bentley, M.S. (Main campus facility, USIF)	621-5097	Marley 101	dlb@u.arizona.edu

A full-service lab for transmission and scanning electron microscopy.

See: <http://imaging.arl.arizona.edu/> or <http://swehsc.pharmacy.arizona.edu/exppath/core/equip/electronmicro.html>

Multiphoton/Confocal Microscope Facility (Div. of Biotechnology, Arizona Research Labs)

Name	Phone	Lab	Email
Doug Cromey, M.S.	626-2824	LSN 410	cromey@arizona.edu

Provides user with access to the Zeiss LSM 510NLO-Meta multiphoton/confocal instrument. Users must receive training before they can use this instrument.

See: <http://imaging.arl.arizona.edu/> or <http://swehsc.pharmacy.arizona.edu/exppath/core/equip/multiphoton.html>

Cytometry Facility (Div. of Biotechnology, Arizona Research Labs and Arizona Cancer Center)

Name	Phone	Lab	Email
Barb Carolus, M.S.	621-2047 626-2450	AZCC 4920	carolus@email.arizona.edu

Operator-assisted flow cytometry analysis and sorting is available from this facility. See: <http://cytometry.arl.arizona.edu/>

Image Analysis Workstations (Dept of Cell Biology & Anatomy, AHSC & Arizona Cancer Center)

Name	Phone	Lab	Email
Doug Cromey, M.S.	626-2824	LSN 429 (CBA)	cromey@arizona.edu

Provides user access to light microscopy digital image capture as well as image analysis software capable of analyzing digital images from other instruments.

See: <http://swehsc.pharmacy.arizona.edu/exppath/core/equip/compix.html>

Deconvolution Fluorescence Microscope (Research Microscopy Core Service, College of Medicine)

Name	Phone	Lab	Email
David Elliott, Ph.D.	626-7870	MRB 330M	elliott@arizona.edu

Provides user access to the DeltaVision image restoration microscope. Users must receive training before they can use this instrument. See:

<http://swehsc.pharmacy.arizona.edu/exppath/core/equip/deltavision.html>