Department of Biomedical Illustration Services

Statement of Purpose

The responsibility of the Department of Biomedical Illustration Services (BIS) is to help improve student learning in the health sciences. BIS accomplishes this mission by offering products and services designed to facilitate teacher-learner interaction. In addition, the Department provides support for facilitating the two other components of the University of Mississippi Medical Center’s (UMC) mission: research and patient service.

With digital technology advancements increasing the availability of information for instructional purposes, this institution is integrating computer technology across the campuses. As UMC integrates technology for instructional purposes, the Department is leading the way into the future with a vision of providing top quality products and services in a timely fashion.

Departmental Services Provided

1. Produce images rendered to film (35mm, 2 ¼”, and 4” x 5”) color and B/W; computer generated color prints to 12” x 18”; color overhead transparencies to 8 ½” x 11”; B/W laser prints to 11” x 17”; text slides; graph slides (2D, 3D); transparent GIFs
2. Digital image retouching and compositing
3. Transferring of files to CD-R (RW)
4. Images scanning (Web, PowerPoint presentations, high-resolution)
5. Create file conversions
6. Imaging client-produced post script files
7. Provide display quality images for presentations and exhibitions.
8. Provide photographic support for all Departments and Divisions at the Medical Center.
9. Consult with clients on various types of photographic techniques that will best illustrate their project.
10. Photograph all entering students in all classes and make student composites.
11. Produce portraits, passport and application photos, faculty directory, special events, departmental group photos and medical center building projects.
12. Photograph medical and surgical procedures in the operating room and other clinical settings.
13. Photograph patients in the studio or clinical locations.
14. Photograph specimens, photomicrographs and research projects including electrophoresis gels, culture plates, and equipment.
15. The department operates a full service-processing lab and maintains five (5) processing machines.
16. Copy all radiographic materials for slide, print and/or digital presentations.
17. Slide production from flat copy, artwork, publications and three-dimensional objects for teaching (black/white line, halftone, or color).
18. Create custom black/white or color prints of highly specialized subjects requiring special attention for publication, presentation and/or exhibition.
19. Provide photographic services for all forms of publication, conference presentations, and exhibit support.
20. Film processing and printing: C41, E-6 (available on daily basis) black/white.
21. Order and maintain supply inventory for all the photographic needs of the department.
22. Provide consultation for the design and development of graphic materials for instruction, presentation and publication.
23. Produce medical surgical and anatomical illustrations in all mediums for publication and presentation; graphics for use in video production; technical illustrations of laboratory procedures; title boards and speaker signs.
24. Provide exhibit design and fabrication services for tabletop, roll-up and matte board formats.

**Biomedical Illustration Services** is located in room U130 in the Learning Resources Building. Our office hours are 8:00 A.M. to 4:30 P.M. Monday through Friday. For more information, you may call 984-1215.

Michael P. Schenk, Director of Biomedical Illustration Services
George W. Armstrong, Director of Biomedical Photography
William A. Buhner, II, Television Program and Computer Graphics Director
Ruby F. Johnson, Assistant Director, Medical Illustration
Charles P. Runyan III, Assistant Director, Biomedical Photography
Robert W. Gray, Photographer II
Morise M. Hines, Phototechnician
Doris Nowell, Scheduling Assistant
Connie Graham, Administrative Secretary (984-1200)  
(Biomedical Illustration Services/AudioVisual Services)