

# Gifts to Oral Pathology

## Provide New Equipment and Facilities



A series of generous donations between 2006 and 2008 by the Stanley H. Durwood Foundation and the David Woods Kemper Memorial Foundation provided the Department of Oral Pathology with the financial means to purchase new equipment and remodel its laboratory and offices.

The Pathology Laboratory used the first year's donations to purchase state-of-

the-art equipment to help automate the testing of biopsy tissues the lab receives from the UMKC dental clinics and from dentists and physicians practicing outside the school.

Financial support during the second year enabled the department to completely renovate and modernize its laboratories, teaching facilities and staff offices. This is the first major redesign and remodeling of the department since 1970, when this building opened. According to professor and department chair Charles Dunlap (DDS '60), the modernization will contribute significantly to maintaining the highest quality professional service and dental education.

Donations in 2007, the third year of funding, paid for the purchase of state-of-the-art microscope equipment. One of the new microscopes is capable of displaying immunofluorescence used for diagnosing immune mediated diseases. The department also purchased a second multi-headed microscope, which allows 12 students

to simultaneously view tissue samples that are being examined and discussed by an instructor. The multi-headed microscope can be used in lieu of projecting PowerPoint images, giving students a much clearer illustration and better understanding of pathology and histopathology. The new microscopy teaching facilities each seat 12 students and one instructor. Additional seating is available for 12 more students to participate in instruction by observing images on wall-mounted high-definition flat panel monitors with a special high-resolution camera. In addition, the facility has the capability to display clinical patient photos and radiographs at the same time.

According to Dr. Dunlap, UMKC is possibly the only school in the world with teaching resources that include two multi-headed microscopes with high-resolution cameras. Local pathologists who have visited the department have been impressed and complimentary of the new facilities and the expertise they foster, said Dr. Dunlap. ▲

