WHERE DID I PUT MY MICROSCOPE? VIRTUAL MICROSCOPY

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Pre-workshop Objectives:
Through this **hands-on** workshop, participants will have the information needed to determine if Virtual Microscopy is appropriate for their institutions. (Limit 15)

Pre-Workshop Benefits:
At the end of this workshop, participants should be able to:
Create a digital atlas.
Create both formative and summative exam questions based on histopathology.
Discuss note-taking strategies.
Participate in virtual slide conferences for teaching and/or consultation.
Discuss different uses such as classroom use, presentation and participation.
Participate in a histological scavenger hunt.

Summary:
Laboratories in the medical school curriculum should foster an active learning environment that allows students to use their critical thinking skills and different learning styles. Our first year medical student population arrives with a vastly different skill set than the students of previous decades. Current students are highly computer literate, but do not have the same scientific or microscopic skills of previous classes. Many students now find microscopes to be foreign instruments and microscopic skills to be obsolete. These students aren't far off from reality, modern pathology and hematology is rapidly moving toward virtual systems to improve patient care and to increase physician efficiency. Presenters will discuss and demonstrate how this technology is currently used in the classroom setting at The University of Kansas Medical Center, School of Medicine. We will talk about the benefits to students and faculty and review evaluative data gathered from students using this technology.

Pre-Workshop's Intended Audience:
Faculty members interested in converting from microscopes to virtual microscopy in their classrooms and labs or faculty looking to add interactivity and active learning to their histology coursework. Medical education administrators interested in introducing new methods to facilitate integrative learning. Educational technology specialists looking to introduce innovative tools into their medical curricula. No special skills needed

Primary Presenter: Michael Karr
Michael Karr is the Senior Coordinator of Technology at the University of Kansas, School of Medicine (KUSOM). His responsibilities include aiding in the design of curricula by providing technological solutions, training faculty members and students in the use of software and hardware, notably Tablet PCs and handheld devices, to augment educational goals and to prepare KUSOM students for the electronic world of 21st century medicine.

Co-Presenter: James L. Fishback

Jim Fishback is Associate Professor of Pathology and Director of the new Phase I (basic science) curriculum at the University of Kansas School of Medicine. He also directs the Infectious disease module, and co-directs the Inflammation and Immunity module in the new curriculum. He was the Course Director of General and Systemic Pathology for 16 years.

Co-Presenter: Robert M. Klein
Robert Klein is Professor and of Director of Medical Education in the Department of Anatomy & Cell Biology and Associate Dean for Professional Development and Faculty Affairs, He has been a course director for 25 years. He is an advocate for interactive and active learning experiences in medical education. He has recently led the effort to replace microscopes with Aperio Virtual Microscopy at KUSOM.

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