

# Webinar: The Use of Digital Pathology Technology in Research Environment

**Wednesday, September 18, 2013**  
**2 - 3 PM EST**

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## ***Featured Presenters:***

**Robert W. Dunstan, DVM, MS, DACVP**, Distinguished Investigator, Translational Pathology Laboratory, Biogen Idec

Robert Dunstan obtained his BS from the University of Notre Dame, his DVM from Purdue University, an MS in Pathology from Michigan State University and is a Diplomate of the American College of Veterinary Pathologists. He has served as a full professor at Michigan State University and then at Texas A&M University where he specialized in comparative dermatopathology and the molecular biology of genetic skin diseases of animals. He then moved to Pfizer in Ann Arbor, MI as Head of Investigative Pathology and while there, led a global initiative on virtual microscopy and high throughput image analysis. In 2007, he moved to Biogen Idec, Cambridge, MA where he is a Distinguished Investigator heading the Comparative Pathology Laboratory. There he specializes in immunohistochemistry and morphometry of whole slide images with application to autoimmune and neurodegenerative diseases.

**Christopher D. Higgins**, Applications Manager, Whole Slide Imaging, Olympus America Inc.

Chris Higgins is the Applications Manager for Whole Slide Imaging and Analysis at Olympus. An 18-year veteran of the microscopy field, he has spent much of his career in product management and development for a wide variety of biological light microscopes used in both research and clinical applications.

Chris was fortunate to work early in his career at Olympus under the mentorship of one of the true legends of microscopy and photomicrography, Mortimer Abramowitz. Chris learned everything from optical theory to hands-on application under the brilliant and demanding tutelage of Abramowitz, and developed a lifelong passion for fluorescence microscopy, brain science and pathology imaging.

In his current position, Chris works directly with researchers and pathologists on the development of whole slide imaging technologies. Images captured with today's virtual microscope systems tell the stories of not only individual cells but entire tissues, and are vital for research, education and more.

A member of the Digital Pathology Association, Chris holds a BS from the University of Miami. He is an avid outdoorsman and accomplished nature photographer, and lives in Macungie, Pennsylvania, USA.