



Seminars offered by Jerry Sedgewick:

Author of *Scientific Imaging with Photoshop: Methods, Measurement and Output* and *Quick Photoshop for Research: A Guide to Digital Imaging for Photoshop 5x, 6x, & 7x*. He has created 2 covers for *Science* and published numerous articles.

Provided scientific consulting services (quantitation) for 3 companies that consequently received FDA approval of medical products.

Directed the Biomedical Image Processing Lab in the Neuroscience Department at the University of Minnesota, a comprehensive light microscopy core facility for 15 years.

Custom built 2 multiphoton confocal systems: one using the Parker-Sanderson design and a resonant mirror for video rate capture, and the other an Second Harmonic Generation (SHG) system using the Olympus FV300 head and software.

Consulted and trained for both start up and large companies, including Hewlett-Packard, Medtronic, St. Jude's Medical, EcoLab and Boston Scientific.

Co-President of Quantum Catch, LLC, a company that is developing a low-cost fundus (ophthalmic) camera as the writer of automated pathology detection software.

Worked for several years as a professional photographer, produced video and multi-media presentations, wrote scripts, designed web pages.

STANDARD SEMINARS AT YOUR LOCATION

Seminars can be given at your institution or company on digital imaging and image analysis. The emphasis is typically on Photoshop, but you can request an emphasis on other image processing and image analysis programs. Having Jerry Sedgewick come to give a seminar requires no effort on your part. Jerry will arrange everything: you will only be asked to send notices about the seminar to your mailing list.

These seminars are especially valuable for those working with microscopy images generated in research, though it is also valuable for those who use cameras for research or quantitative purposes.

1-day seminar is for post-processing in Photoshop only. It includes distribution of automated actions and scripts, and education about digital imaging, image ethics and acquisition. Learn how to perform tasks in Photoshop with the aid of automated functions to insure that post-processing is done correctly, that the original image is preserved, and that a record is kept for changes to the image.

Experience levels include beginners and intermediate users. Attendees bring along their own laptops with their versions of Photoshop. Typical cost for the seminar is \$100 per attendee, but this can vary depending on whether facilities are provided (lower cost) or whether facilities have to be rented (same cost or higher, depending on cost of rental); and whether lunch is provided. A minimum of 20 attendees required.

4-day seminar includes distribution of automated actions and scripts, and thorough coverage of all functions used in Photoshop (6.0 and higher), and relevant functions in GIMP (freeware) and Image J. Additionally, ethics in digital imaging, correct image acquisition techniques, as well as preparing and measuring images for quantitation, and correct ways to work with Illustrator, PowerPoint, Acrobat and Word for outputs to various devices/software. Each participant obtains hands-on learning with their own laptop, or one that is provided. A certificate is given upon completion for inclusion in CV's.

Experience levels include those who have familiarity with computers, along with some attempts at using Photoshop to advanced. Attendees bring along their own laptops with their versions of Photoshop. Typical cost for the seminar is \$500 per attendee, but this can vary depending on whether facilities are provided (lower cost) or whether facilities have to be rented (same cost or higher, depending on cost of rental); and whether lunch is provided. A minimum of 10 attendees required.

Create A Seminar. Jerry can also come to speak on digital imaging, acquisition, use of imaging applications, image analysis and ethics at a fixed rate. As a part of this, he can consult in regard to images generated at your location. Please contact Jerry Sedgewick: jerry@imagingandanalysis.com or 651-788-2261.