

## **A High School Elective Course in Imaging Science**

### **Abstract:**

This presentation will provide a brief overview of the development and implementation of the new Digital Imaging high school elective, piloted at Victor High School. Included will be a look at the course outline, labs, computer investigations and teacher insights. The overview will also include a look at the NYS Mathematics, Science and Technology Standards as they apply to this multidisciplinary elective.

### **Shaun Goodrich:**

Shaun Goodrich is a high school math and computer science teacher in Victor, New York. She earned her undergraduate degree from SUNY Oswego and her master's degree from SUNY Brockport. After teaching for eight years at Spry Junior High in Webster, New York, she accepted her current position teaching in Victor. Shaun spent three years as K – 12 Math Curriculum Coordinator and she is currently the Department Chairperson for Mathematics.

### **Robert Callens:**

Bob holds an AAS degree in Optical Technology from Monroe Community College, a BS degree in Applied Science from RIT and an MS degree in Education from SUNY Brockport. He spent six years working in the optical engineering field at the Richardson Grating Laboratory, a division of Spectra Physics, before pursuing a career in teaching. He currently teaches physics in the Honeoye Falls-Lima School District.