

R.I.T.

College of Science

Chester F. Carlson

Center for **IMAGING** SCIENCE

Seminar Series

**Ultrasound Imaging of Peripheral Nerves
in the 5 -12 MHz Range**

Paul Bigeleisen

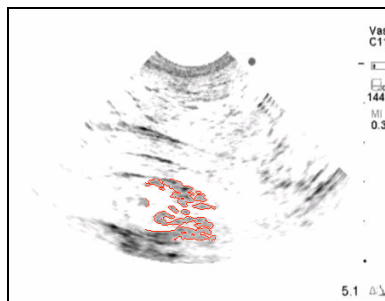
*Assoc. Professor of Anesthesia, University of Rochester Medical Center
Medical and Anesthesia Director, Lindsay House Surgery Centers*



ORIGINAL



HIGH BOOST



INVERTED AND SEGMENTED

4pm, Wednesday, Oct. 12, 2005

Auditorium of Center for Imaging Science

www.cis.rit.edu/seminar

Co-sponsored by



We have used low to moderate resolution ultrasound to image peripheral nerves as an aid to peripheral nerve blocks. We wish to develop techniques and algorithms to improve the visibility of nerves without resorting to more expensive platforms.

Speaker Bio

Paul Bigeleisen has been a Professor of Anesthesia at the University of Rochester Medical Center since 1997. There he has been the Director of Summer Anesthesia Clerkship, the Director of the Pain Fellowship and active in the Rochester Center for Biomedical Ultrasound among many other activities. Since 1999, he has been a member of the faculty and curriculum advisor for the BFA/MFA medical illustration program at RIT. In 2004, he also became Medical Director and Anesthesia Director for the Lindsay House Surgery Centers at Hagen Lane and East Avenue.