

## **International Medical Surgical Training Event**

A consortium of organizations has formed a cooperative partnership to demonstrate the ability of high performance national international networks to enhance medical surgical training among multiple sites in the US, Brazil and Mexico. The primary event is one organized by the American Academy of Orthopaedic Surgeons (AAOS), whose headquarters is in a west Chicago suburb. The AAOS is a non-profit professional organization that provides surgical training nationally and internationally. The AAOS currently organizing a surgical training event scheduled for early May 2012. For this event, the AAOS will be using a medical training studio at the Simulation Technology and Immersive Training Department of the Center for Advanced Surgical Education, Feinberg School of Medicine at Northwestern University in Chicago. The sites that will be participating in the event will be the Feinberg School of Medicine, Northwestern University, the surgical training center of Johns Hopkin's University, the Surgical Training Facility at the Medical School of the University of California at San Francisco, the surgical training center at the Instituto de Ortopedia e Traumatologia – HCFMUSP - São Paulo, Bazil, and the Tecnico de Telemedicina department of the Hospital Medica Sur, at the Universidad Nacional Autónoma de México in Mexico City.

For high quality digital media transmission this event is implementing a private overlay network using the FrameNet service of the National Lambda Rail, with local site connections provided through the Metropolitan Research and Education Network (MREN), the Mid-Atlantic Cross Roads (MAX), CENIC, and the Florida Lambda Rail, which is providing a connection from the NLR to AMPATH.

Internationally, the event will use network paths from the StarLight International/National Communications Exchange to AMPATH and IRNC paths from AMPATH to Sao Paulo. StarLight will also provide access through UNAMnet to Mexico City. The International Center for Advanced Internet Research at Northwestern University is assisting in preparing for this event.