



Biomedical and Health Informatics Series

Tuesday, October 9, 2007, Room RR-134, 12:00-12:50

Brian K. Ross, MD, PhD

Professor

Department of Anesthesiology

Director

Institute for Surgical and Interventional Simulation (ISIS)

“What is ISIS? It’s Mission, Current Activities, Potential Research Projects”

Dr. Ross’s presentation will present:

- the history of simulation and immersive education at the University of Washington that lead to the birth of ISIS (Institute for Surgical and Interventional Simulation).
- the mandate given to ISIS by the Dean
- some challenges that ISIS faces secondary to the Dean’s mandate
- the faculty development opportunities in ISIS
- teaching and research opportunities within ISIS

Dr. Ross is a product of the Northwest, growing up in Northern Idaho. He received his undergraduate training from Idaho State University and then went on to the University of North Dakota where he received his PhD in Respiratory Physiology. His doctoral work was focused on hyperbaric physiology, looking at the phenomenon of oxygen toxicity in deep sea environments.

In 1975, following his PhD, he came to the University of Washington where he became a Pulmonary Fellow, then, as Aniken in Stars Wars, went to the ‘Dark Side’ and moved into Anesthesiology, doing his residency at the University of Washington. Following his residency he went to San Francisco and completed a 2 year fellowship on Obstetric Anesthesia, working with Sol Shnider, an internationally know figure in Obstetric anesthesia.

He returned to the University of Washington where he joined the faculty is currently a professor of Anesthesia and is the Director of Obstetrical Anesthesiology.

In 1994, Dr. Ross opened and directed the Patient Simulation Center, for the Department of Anesthesiology at the University of Washington. He has been lead of the simulation training efforts for the department since that time.

Most recently Dr. Ross has been appointed by the Dean of the Medical School to be the Executive Director of ISIS – the Institute for Surgical and Interventional Simulation – a 19 department, 5 hospital simulation initiative which has been given the mandate to provide cognitive and skills training across a 5 state region – Washington, Wyoming, Alaska, Montana, and Idaho (WWAMI)

The Biomedical and Health Informatics lecture series covers current topics and developments in Biomedical and Health Informatics. Presenters include faculty, students, researchers and developers from the University of Washington, other academic institutions, government, and industry (locally and nationally). The intended audience is the broader University of Washington and Seattle area community with an interest in BHI as well as BHI faculty and students.

Series Website: <http://courses.washington.edu/mebi590/>