

# Fall 2014 Seminar Series

Presented by the CS Division

## A VIEW OF APPLYING GAMING & SIMULATION FOR PHYSICAL SECURITY ANALYSIS

THURSDAY SEPTEMBER 4, 2014

1:00 PM – HEC 356

This talk will provide an overview on tools and products developed by Sandia National Laboratories in analyzing physical site security for a variety of government agencies. Sandia's Interactive Simulation & Analysis group applies game development tools and 3D simulation techniques for training, wargaming, and closed-loop Monte Carlo simulations. This talk will cover: the uses of commercial tools, in-house simulation tools, and present research & development efforts.

**JON WHETZEL**

Sandia National Laboratories

Jon Whetzel is a Senior Member of Technical Staff at Sandia National Laboratories and Adjunct Professor of the Interdisciplinary Film & Digital Media at the University of New Mexico. His research in applications of machine learning and artificial intelligence have been fielded in games and simulations used by the US Navy, Department of Homeland Security, and Department of Energy. He serves as lead of Sandia's Serious Gaming Consortium, an interest group between the Sandia, academia, and industry in game development.

*Hosted by: Dr. Gita Sukthankar*

