Spring 2015 Seminar Series
Presented by the CS Division

HELPING TO KEEP YOUR MOM SAFE IN THE DIGITAL AGE
RESEARCH THAT IMPACTS EVERYONE

FRIDAY APRIL 17, 2015 ● 9:30 AM – HEC 450

This talk will contain a dual-focused presentation about Cybersecurity awareness and a physical security framework for Intermediate Distribution Frames (IDF). End users are often the ingress points for security breaches, and phishing emails are the go-to attack vectors used against them. Our team has spent a year spamming our institution to determine what characteristics of the phishing emails are most effective, and thus provide community training based upon those results. Also, inspired by the Aaron Swartz case and ultimate death, a framework for IDFs has been developed to allow for analysis of physical security controls against an ideal IDF. This project surveyed various NIST, ISO, and nuclear regulatory security and protection frameworks and adopted 52 of the most appropriate dimensions and applied them to wiring closet security. The framework was tested against 135 wiring closets and was met with great approval. The projects current phase is taking the security framework and providing it as a software as a service in a multi-client environment.

DR. MICHAEL LEHRFELD
East Tennessee State University

Michael Lehrfeld is a security and forensics researcher at East Tennessee State University where is he responsible for Cybersecurity graduate and undergraduate courses, including ethical hacking and computer forensics. He has been awarded the Outstanding Teacher (2011) and the Outstanding Researcher (2014) awards in the College of Business and Technology. He maintains strong community ties by spearheading the departments growing Internship program. He is currently consulting at a Fortune 500 company where he provides big data security analytics expertise to locate security anomalies and threats. He is a frequent guest on local television providing insight into current security trends and breaches and an invited speaker at various Infragurd security events.

Hosted by: Dr. Sheau-Dong Lang