

**East Carolina University
Home University Residency Requirement
Part II (a)**

A Proposal Presented to the PhD Consortium Faculty Members
Of East Carolina University
In Partial Fulfillment of the Requirements for
The Degree of Ph.D. in Technology Management

By
David Rosenthal, Elaine Seeman, & Cindy P. Stevens
October 26, 2001

Session I(a) Proposal

In the interest of facilitating lively and meaningful interaction from the consortium participants, the symposium oversight group (Elaine, Cindy, and David) has decided to present two topics for discussion within the first residency videoconference session - National Identifiers and Internet Security. The videoconferencing solution selected by the symposium oversight group is IVisit.

Given the symposium guidelines outlined in the ECU residency requirement document, and because the oversight group will have high-speed Internet access via the ECU campus, we have chosen to invite only those PhD consortium students who have Internet access via T1 or ISDN through their affiliation with one of the consortium universities. These students have been identified through the PhD listserv, and include peers from previous classes and past participants in ISU residency sessions. Invitations to participate will be sent to individuals from ISU (4 students) Bowling Green (4) UW-Stout (2), NC A&T (1) and ECU (2). These students spend considerable time on their respective campus due to fellowships and/or teaching responsibilities.

National Identifiers

There seems to be a growing debate as to whether the United States should adopt a National ID card that would be linked to a central clearing house database containing specific details about every single American citizen. Some say that National ID cards would help guard our nation against illegal immigrants and would help to protect against terrorist making their way into the United States. Some say that National ID cards invade our privacy and would offer another way for hackers to obtain private information.

In response to the tragic events of Sept. 11, 2001 there has been renewed interest in the creation of national ID cards. To understand whether we should vote for or against a National ID card system, we should understand the specific pros and cons of this system, we should understand the nature of security that would be implemented to protect our digitized data, and we should have a vote in the demographic information that our government requests from us beforehand.

With this in mind, we propose a discussion that would include the pros and cons of this topic. We expect that there will be individuals for and against a National ID card system and bringing correct information and lively ideas to the table will help each of us make an informed decision regarding this issue.

Internet Security

On October 10, 2001, the Committee on Science held a hearing at which cyber-security experts reported that government, industry, and academia devote too little time and lacks the human resources to address a growing national cyber security threat. A panel of witnesses pointed out that there are too few experts; no comprehensive training programs; no focal point for research; not enough innovation; and no market incentive for the private sector. They predicted dire economic consequences if the cyber-security challenges are not met.

Terry Benzel, Director of Network Associates labs, and a leading security researcher, posed the question "What if the terrorists were also able to impact our communications system, thus hampering the rescue and recovery efforts What if power to

parts of the northeast corridor could have been brought down through a cyber-attack on key systems? We must prepare now to prevent this from happening and ensure that technologies, plans and procedures are in place to prevent and respond to any future attacks.” We chose the topic of Internet Security because it is pertinent to current societal events and is a topic that should encourage lively intellectual exchange among students.

Timeline

The timeline for preparing this conference is as shown:

September, 2001: Preliminary discussion with advisors; Preliminary discussion with Dr. Coddington; Residency Requirements Published.

October, 2001: Conduct Preparation Chats; Determine Topics; Draft Proposal; Submit Proposal; Schedule A/V tests

November, 2001: Test A/V equipment; Dry Run of Conference; Invite Guests; Send instructions to Guests; Conduct Conference Sessions I; Conduct Conference Session II

December, 2001: Submit Success Report to all advisors; Respond to any questions asked during conference as a follow-up