

**NC STATE UNIVERSITY**

Poole College of Management  
Campus Box 7229  
Raleigh, NC 27695-7229

HOUSE COMMITTEE ON SMALL BUSINESS

Witness Disclosure Statement

Required by House Rule XI, Clause 2(g)

Your Name: **David L. Baumer**

1. Are you testifying on behalf of a Federal, State, or Local Government entity?

YES **NO**

2. Are you testifying on behalf of an entity other than a Government entity? YES **NO**

3. Other than yourself, please list what entity or entities you are representing:

**I am not representing anyone. I am a faculty member at North Carolina State University who does research and publishes work dealing with online security and privacy issues.**

4. Please list any offices or elected positions held or briefly describe your representational capacity with the entities disclosed in question 3. **N.A.**

(For those testifying on behalf of a Government entity, ignore these questions below)

5.

a) Please list any Federal grants or contracts (including subgrants or subcontracts), including the amount and source (agency) which you have received and/or been approved for since October 1, 2006:

**Title:** [Collaborative Research: A Comprehensive Policy-Driven Framework for Online Privacy Protection: Integrating IT, Human, Legal and Economic Perspectives](#)

**Source:** NSF Cyber Trust Program

**Duration:** September 15, 2004 - August 31, 2007

**Amount:** \$ 1,194,000 (NCSU: \$ 534,000)

**NCSU Principal Investigators:** Annie I. Antón and Ting Yu (NCSU)

**Purdue Principal Investigators:** Elisa Bertino, Ninghui Li, Melissa J. Dark, Victor Raskin and Robert W. Proctor

**Senior Research Personnel:** David Baumer, Michael Rappa

**Graduate Research Assistant:**

**Abstract:**

*This project seeks to provide a comprehensive framework for protecting online privacy, covering the entire privacy policy life cycle. This cycle includes enterprise policy creation, enforcement, analysis and auditing, as well as end user agent presentation and privacy policy processing. The project integrates privacy-relevant human, legal and economic perspectives in the proposed framework. This project will develop an expressive, semantics-based formal language for specifying privacy policies, an access control and auditing language for enforcing privacy policies in applications, as well as theory and tools for verifying privacy policies. Additionally, experiments and surveys will be conducted to better understand the axes of users' privacy concerns and protection objectives. Results from this empirical work will be used to develop an effective paradigm for specifying privacy preferences and methods to present privacy policies to end users in an accurate and accessible way.*

**Title:** [ITR: Encoding Rights, Permissions and Obligations: Privacy Policy Specification and Compliance](#)

**Source:** NSF Information Technology Research Program

**Duration:** August 2003 - July 2007

**Amount:** \$ 920,000

**Principal Investigators:** Annie I. Antón and Colin Potts (Georgia Tech)

**Graduate Research Assistant:** Qingfeng He, Will Stuffelbeam, Carlos Jensen (GT)

**Undergraduate Research Assistant:** Neha Jain (NCSU)

**Senior Research Personnel:** Lynda Aiman-Smith, David Baumer, Julie Earp

**Abstract:**

*This research seeks to increase the trustworthiness from an online purchase to a database check can be proposed framework and tools. This work will help obligations set by organizations, individuals, or a how information is used. This research will also examine at large via the development of IT for system designers vulnerabilities that compromise individuals' personal governed by specific policies. Moreover, the results makers in determining the ramifications of policy conflicts and inconsistencies may be prevented.*

b) If you are testifying on behalf of a non-governmental entity, please list any federal grants or contracts (including subgrants or subcontracts) and the amount and source (agency) received by the entities listed under question 3 since October 1, 2006, which exceeded 10% of the entities' revenues in the year received: **None**

6. If you are testifying on behalf of a non-governmental entity, does it have a parent organization or an affiliate who you specifically do not represent? If so, list below:

YES NO

Signature: David L. Baumer Date: 5/25/2011