

Committee on Science, Space, and Technology
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: <u>William H. Sanders</u>		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No <u>X</u>
3. Are you testifying on behalf of an entity that is not a government entity?	<u>X</u>	No
4. Other than yourself, please list which entity or entities you are representing: <u>The National Academies of Sciences, Engineering and Medicine</u>		
5. Please list any Federal grants, cooperative agreements, or contracts (including subgrants or subcontracts) that <u>you or the entity you represent have received</u> on or after October 1, 2014: <u>See attached sheet.</u>		
6. Please list any foreign government payments that <u>you or the entity you represent have received</u> on or after October 1, 2014: <u>See attached sheet.</u>		
7. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity(ies) you are representing: <u>Committee Member</u>		
8. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes	No <u>X</u>
9. If the answer to the question in item 3 is "yes," please list any Federal grants, cooperative agreements, or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2014, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed: <u>See attached sheet.</u>		

I certify that the above information is true and correct.

Signature: William H. Sanders

Date: September 7, 2017

Question 5:

To the University of Illinois, to fund the research of William H. Sanders:

1. Illinois Cyber Security Scholar Program, NSF, PI Campbell, 2008-2014
2. TCIPG Trustworthy Cyber Infrastructure for the Power Grid, U.S. Dept. of Energy (NETL), PI Sanders, 2009-2015
3. Illinois Center for a Smarter Electric Grid (ICSEG), IL Dept. of Commerce and Economic Opportunity, PI Overbye, 2010-2015
4. Science of Security Administration, National Security Agency (CMU prime), PI Nicol, 2012-2016
5. Program in Digital Forensics (PDF), National Science Foundation, PI Campbell, 2012-2016
6. A Game-Theoretic Approach to Building Resilient Cyber Systems, National Security Agency, PI Sanders, 2012-2016
7. Quantitative Security Metrics for Cyber-Human Systems, National Security Agency (CMU prime), PI Sanders, 2013-2015
8. Quantitative Assessment of Access Control in Complex Distributed Systems, National Security Agency (CMU prime), PI Nicol, 2013-2015
9. Applied Resiliency for More Trustworthy Grid Operation (ARMORE), Dept. of Energy (GPA prime), PI Sanders initially, then Yardley, 2013-2016
10. Practical Metrics for Enterprise Security Engineering, Dept. of Homeland Security, PI Sanders, 2013-2016
11. Collaborative Defense of Transmission and Distribution Protection and Control Devices against Cyber Attacks, Dept. of Energy (ABB prime), PI Valdes, 2013-2016
12. Secure Policy Based Configuration Framework, Dept. of Energy (EPRI prime), PI Yardley, 2013-2016
13. SDN (Software Defined Network) Project, Dept. of Energy (SEL prime), PI Bobba, 2013-2016
14. Illinois Cyber Security Scholar Program, NSF, PI Campbell, 2013-2017
15. Science of Security for Systems, National Security Agency, PI Nicol, 2014-2016
16. Data-Driven, Model-Based Decision-Making based on Quantifiable Security Metrics, National Security Agency, PI Sanders, 2014-2016
17. Design and Evaluation of Methods to Detect Electricity Theft in Advanced Metering Infrastructure, Siebel Energy Institute, PI Sanders, 2015
18. Cyber Resilient Energy Delivery Consortium (CREDC), Dept. of Energy, PI Nicol, 2015-2020

To the National Academies of Sciences, Engineering and Medicine:

Title: Enhancing the Robustness of the Nation's Electric Power Transmission and Distribution (T&D) System

Task Order Number: DE-DT0009525

NAS Master Contract: DE-PI000010

Title: Analytical Research Foundations for the Next-Generation Electric Grid

Task Order Number: DE-PI0000010

NAS Master Contract: DE-DT00050900

Title: At the Nexus of Cybersecurity and Public Policy: Some Basic Concepts and Uses

Grant Number: NSF Grant CNS-0940372

Question 6:

1. A displacement allowance of \$7,290.82 was provided to William H. Sanders for the A*STAR's HCCS grant via Illinois at Singapore Pte Ltd, a Singapore subsidiary company of a University of Illinois limited liability company. A*STAR is an agency of the govt. of Singapore.
2. Illinois at Singapore Pte, Ltd, a Singapore subsidiary company of a University of Illinois limited liability company received \$25,549,563 (US dollar equivalent) from A*STAR's HCCS grant. A*STAR is an agency of the govt. of Singapore.
3. Illinois at Singapore Pte Ltd, a Singapore subsidiary company of a University of Illinois limited liability company, received \$476,054.39 (US dollar equivalent) from the Singapore National Research Foundation's Cyber Physical Urban Transportation Systems grant. The Singapore National Research Foundation is an agency of the govt. of Singapore.

Question 9:

None.

Enclosure 4

False Statements Act Certification

You are specifically advised that providing false information to this Committee/Subcommittee, or concealing material information from this Committee/Subcommittee, is a crime, and you can be punished for that. If you acknowledge this, please sign the bottom of this form and return to the Committee. This form will be made part of the hearing record.

A handwritten signature in blue ink, appearing to be "Will H. H.", written over a horizontal line.

Witness signature

A handwritten date in blue ink, "September 7, 2017", written over a horizontal line.

Date