



## Cyber Security through a Behavioral Lens


July 22-23

Capitol Hill, Washington DC

Thursday, July 22

Phoenix Park Hotel

520 North Capitol Street, N.W. Washington, DC

8:00 AM	<b>Registration Open</b>
8:00-9:00	<b>Coffee and breakfast</b>
9:00	Introduction and Overview- Dr. Shari Lawrence Pfleeger <i>Why this workshop? Why have you been invited? What do we hope to accomplish?</i>
9:15	<i>Presentation on Cognitive Load and Attentional Demands</i> Dr. Robert Proctor
10:15	<b>Break</b>
10:30	Breakout Groups <i>What behavioral issues explain some of the challenges we have experienced with cyber users? How can awareness of them be applied to security system design, development, and usage?</i>
11:30	Groups Report Back <i>Open Discussion</i>
12:45 PM	<b>Lunch</b>
1:45	<i>Presentation on Heuristics and Biases</i> Dr. Justin Albrechtsen
2:45	Breakout Groups <i>How can understanding and influencing biases affect security system design, development, usage?</i>
4:00	<b>Break</b>
4:15	Groups Report Back <i>Open Discussion</i>
5:15-5:45	Wrap-Up and Plan for Day 2
7:00	Dinner at the Capitol City Brewery*, co-hosted by  Speaker: Edward Tenner <i>on the unintended consequences of technology</i> * Capitol City Brewery is located at 2 Massachusetts Avenue, NE Washington, DC



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**US Capitol Visitor Center, North Congressional Meeting Room**

9:00 AM	<b>Coffee and Breakfast</b>
9:00	<i>Presentation on Experimental Design of Technology Studies</i> Dr. Deanna D. Caputo
10:00	Breakout Groups <i>How do we design studies on improving security using knowledge about cognitive load, heuristics and biases, and other behavioral issues? What are the variables? How do you control them? How do you select subjects?</i>
11:15	<b>Break</b>
11:30	Groups Report Back <i>Open Discussion</i>
12:30 PM	<b>Lunch</b>
1:30	Group Discussion <i>Planning a research agenda for leveraging human behavior to reduce risk: We will prioritize possible hypotheses by their mission criticalness. Which 2 or 3 studies should we initiate? Which studies are you interested and able to do?</i>
3:30	<b>Workshop Ends</b>