Carlson - Identify Articles Relevant to CCP

**The Beginner's Creed by Peter Denning, CACM, July 2017 (2 pages)**

Yes. My CCP is on investigating what a Security Controls Framework for Nanoscale Networks would look like. This paper by Peter Denning is a must. We are all beginners, always. I am sending this to my daughter, who is having math issues (she is 12).

**Cybersecurity Issues and Challenges: In Brief by Eric A. Fischer, Congressional Research Service, August 12, 2016 (6 pages)**

Yes, but just. The controls aspect in the document will add depth to my controls discussion.

**A Case Study of Intelligence-Driven Defense by Dan Guido, IEEE Security, and Privacy, 2011 (4 pages)**

Dan Guido provides a brilliant assessment of the cybersecurity challenge in practice. It is not as daunting as one would expect.

Would be good for background, but this paper is too dated and too Pollyannaish for my taste.

**15 Worst Data Security Breaches of the 21st Century by Taylor Armerding, CSO, June 14, 2017 (10 pages)**   
  
No, not applicable for my CCP except as background. Readers know how bad cybersecurity is right now.

**CEO Fraud Prevention Manual, KnowBe4, 2016**

No. An excellent document for my job, not so much for my CCP.

**The Threat Lifecycle Management Framework: Prevent major data breaches by reducing time to detect and respond to threats by Chris Petersen, LogRhythm, November 11, 2016 (7 pages)**

The Logrhythm paper is excellent and is of direct use in my CCP. I am also looking at ISO 27002 and some of the Industrial Control Frameworks. This one by LogRhythm is very useful because of its operational flavor and relative simplicity.

**NSA Hacker Chief Explains How to Keep Him Out of Your System by Kim Zetter, Wired, 2016 (5 pages)**

The portion of an "out of band network tap" was interesting, as was the portion about targeting sysadmins.

**Portrait of an Imminent Cyberthreat: 2017 Blackhat Attendee Survey (12 pages)**

Not really applicable to my CCP but I want to note something here. It is AMAZING to me that "Security Figures Greatest Concerns" did not include Insider Threats OR improper disposal procedures.

**Cognitive Active Cyber Defense: Finding Value Through Hacking Human Nature by Pete Cooper, Journal of Law and Cyberwarfare, Winter 2017, Vol. 5, No. 2, pp. 57-172 (23 pages)**

Spending numbers are good for my CCP. I love the way they structure the research questions and the outcome as well. Question? My CCP is on the networks of the extremely small, what human interaction will those networks have? More or less? Probably less. Does that mean that they will be more secure because of less human interaction?

**A Declaration of the Independence of Cyberspace by John Perry Barlow, Electronic Freedom Foundation, 1996 (4 pages)**

No, Barlow was largely wrong on this. The insertion of these networks into the IoT and the medical fields make it more important than ever that some rule of law is established. I don’t have the space to get polemical.

**Cybersecurity as Realpolitik by Dan Geer, Blackhat 2014 (5 pages)**

Amazing read. My CCP will use the "Abandonment" and "Convergence" portions of Mr. Greer's paper. I never thought about the "Abandonment" issues with Nanonetworks.

**Stateless Attribution: Toward International Accountability in Cyberspace by John S. Davis II, Benjamin Boudreaux, Jonathan William Welburn, Jair Aguirre, Cordaye Ogletree, Geoffrey McGovern, Michael S. Chase, RAND, 2017 (17 pages)**

Amazing, amazing read. I have been waiting for a paper like this for years. Attribution may go into my CCP as a control family or as an essential requirement for any standards body to look at Nanonets.