

Cybersecurity and the Social Sciences (CYSE 201S)

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Week 13 Journal Entry— A later module addresses cybersecurity policy through a social science framework. At this point, attention can be drawn to one type of policy, known as bug bounty policies. These policies pay individuals for identifying vulnerabilities in a company's cyber infrastructure. To identify the vulnerabilities, ethical hackers are invited to try explore the cyber infrastructure using their penetration testing skills. The policies relate to economics in that they are based on cost/benefits principles. Read this article <https://academic.oup.com/cybersecurity/article/7/1/tyab007/6168453?login=true>Links to an external site. and write a summary reaction to the use of the policies in your journal. Focus primarily on the literature review and the discussion of the findings.

The bug bounty policies that have been enabled are a massive benefit to cybersecurity. In relation to the economy, this helps companies no matter the cost to the individuals who perform the bug bounties. No matter the size or prominence all companies benefit from these policies. The diversity of industries means that they are all different regarding cybersecurity reporting. The unknown hacker supply has an interesting twist in the bug bounty process. However, over time, reports have gotten fewer and far between, which indicates a successful policy overall in terms of bug bounties. I believe that the demand for hackers from companies and the supply of bug bounties available are in relation to how well and constant cybersecurity will be successful in the future.