

# Doing Postphenomenology in Cybersecurity Education: A Methodological Invitation

Ryan Straight  
ryanstraight@arizona.edu  
Department of Cyber, Intel, & Information Operations  
University of Arizona  
Tucson, AZ 85701

## Abstract

As the cyber domain grows into each aspect of our lives, so does the need to expand approaches in understanding and researching cybersecurity and cybersecurity education. By focusing on a novel methodology within these fields—postphenomenology—this paper seeks to demonstrate its cyber-related usefulness and application. At its core, postphenomenology is the study of technological mediation and the myriad ways of uncovering and understanding it and its consequences. In tracing a line from classic phenomenology to the exploration of cyborg technological intentionality, I suggest an applied postphenomenology that addresses calls for holistic and multidisciplinary cybersecurity education. By incorporating postphenomenological methods into cybersecurity pedagogical research and practice, educators and students alike can come to deeper and more meaningful realizations and applications stemming from human-technology-world relations.

**Keywords:** postphenomenology, methodology, mediation theory, intentionality, phenomenology, multidisciplinary

An updated and full version of this abstract may be found at: <https://cppj.info>