Science of (or in) cybersecurity -- there has been more heat than light on this topic in the past two to three years. If you ask N people what "doing science" in cybersecurity means, you will likely get N different answers, which is part of the problem. In this talk I will present one of those N answers, but with an emphasis on what constitutes good science, irrespective of discipline. Examples will be given to show how bad science contaminates the literature (often for years) and impedes progress in the field.

Roy Maxion is a research professor in computer science and machine learning at Carnegie Mellon University. His recent work has focused on keystroke biometrics and forensics. He is currently on the editorial boards of IEEE Security & Privacy, and the International Journal of Biometrics. He is a member of the National Academy of Sciences Committee on Future Research Goals and Directions for Foundational Science in Cybersecurity.

Sponsored by the University of Pittsburgh School of Information Sciences and the Laboratory for Education and Research on Security Assured Information Systems (LERSAIS)