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Cybersecurity Lecture Series

Behavioral Cybersecurity**Wayne Patterson**

Patterson and Associates

Digital Media Center 1034
November 11, 2019 - 04:30 pm**Abstract:**

Many Cybersecurity researchers have come to realize that to gain a full understanding of how to protect a cyberenvironment requires not only knowledge from computer science, engineering and mathematics; but also from various branches of behavioral science, such as psychology or brain science. In our recent book, "Behavioral Cybersecurity" (with Dr Cynthia Winston-Proctor), we have explored many of these issues. I will try to touch on a few of these topics: (1) Profiling. (2) Turing Tests. (3) Crypto/Stego. If we have enough time, (4) Fake News.

Speaker's Bio:

Wayne Patterson, Patterson and Associates, recently retired as Professor of Computer Science at Howard University in Washington, DC. He was born in Moncton, Canada and received his bachelors and Masters in Honours Mathematics from the University of Toronto and his PhD in Mathematics from the University of Michigan. After a number of years away from the Academy, including a term as a member of the staff of Canadian Prime Minister Pierre Trudeau, he returned to teaching, serving as the founder of the Computer Science Department at the Université de Moncton, later as Associate Vice Chancellor for Research at the University of New Orleans, Vice President of the University of Charleston in South Carolina, and Howard for the past 17 years. His research area has been Cybersecurity, with a leading textbook in that field, approximately 60 scientific publications, and external research grants totaling more than \$15 million. His research for the past four years has concentrated on the new field he has helped to developed, Behavioral Cybersecurity. His textbook in this area, "Behavioral Cybersecurity," with co-author Cynthia Winston-Proctor was recently published by CRC Press

