The Day of Cyber team had the opportunity to sit down with Bob Duhainy, PhD, Principal Investigator, Core Faculty, School of Management and Technology and Doctor of Information Technology at Walden University, to find out how he leveraged the NSA Day of Cyber experience to inspire more students to consider cybersecurity programs at Walden University.

Day of Cyber:
How does the NSA Day of Cyber align with Walden’s mission?

Dr. Duhainy:
The NSA Day of Cyber mission directly aligns with Walden’s vision to education where knowledge is judged worthy to the degree that it can be applied by its graduates to the immediate solutions of critical societal challenges, thereby advancing the greater global good.

Day of Cyber:
How did the NSA Day of Cyber benefit your students?

Dr. Duhainy:
The NSA Day of Cyber provides new web-based learning modules to introduce students to new careers in Cybersecurity and also adds practical applications for a prospective career in cyber-space. In addition, it contains applied work assignments that put learning into action as well as seamlessly integrate all components of the learning environment including learning, application and collaboration.

Day of Cyber:
Tell us more about Walden’s Cyber Programs?

Dr. Duhainy:
Walden is designated a National Center of Academic Excellence in Cyber Defense Education by the NSA. Both Undergraduate and Graduate program courses map well with the NSA Knowledge Units (KUs). For example, the Cyber security and forensics
course, students learn about insecure security systems that can cause major risks and vulnerabilities for companies. Breaches in personal employee information, financial information, or company secrets that can elicit the downfall of an organization. In this course, students learn the importance of such concerns as well as key concepts of computer and information security, including technical, privacy, organizational, social, and policy issues. They examine fundamental notions of authentication, authorization, and encryption. Students learn about economic and human impact issues through the analysis of case studies of security and privacy breaches. Through applications and projects, students also examine risk management, informal system security methods, and corporate governance.

**Day of Cyber:**
What are some of the Cyber defense program outcomes?

**Dr. Duhainy:**
Upon program completion students are able to recognize appropriate techniques both to minimize risks and to react to security breaches; Investigate techniques and tools specific to network, system software, and application software security; Study ways to structure computer-security practices in alignment with organizational needs and analyze security and privacy issues in real-world cases.