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## IT Students Win Big in the College Research Symposium

April 26, 2023

The 2023 PCEC student research symposium presented more than 150 posters on Friday, Apr. 21, 2023. Supported by many industry partners, including Crider Foods, Georgia Innovation, Georgia Power, Gulfstream, Hawk Measurement Systems, Kiewit, Rolls-Royce Power Systems, and SALT (Southern Automation Logistics & Technology). The symposium offered 11 awards in various engineering and computing categories. Four students from the IT department received awards in computing categories. These students include:

Helen Adesola, 1st place award in the category – Southern Automation, Logistics & Technology Computing Awards, with poster title: Securing Web Services (Rest Apis) against Software Vulnerabilities using the AEP Approach (Advisor: Dr. Hayden Wimmer)



Damilola Elegwu, 3 rd place award in the category – Georgia Centers of Innovation, with poster title: Comparative Analysis of Vulnerability Scanners for Effective Vulnerability Management (Advisor Dr. Hayden Wimmer)



Lorna Kangethe, Outstanding Female Researcher (single award), with poster title: Network Intrusion Detection System with Machine Learning as a Service (MLaaS) (Advisor: Dr. Hayden Wimmer)



Daniel Ukene, 1 st place award in the category – Gulfstream IT Team Award (Award for Outstanding Research in IT, with poster title: Evaluating the performance of Containerized Webservers against web servers on Virtual Machines using Bombardment and Siege (Advisor: Dr. Hayden Wimmer)





“Winning the award has been a surreal experience. I appreciate Dr. Wimmer for encouraging me to stick with my interest when choosing a topic for this research.” Said Ukene, “Department professors are very enthusiastic about teaching the program, also both faculty and staff are always available to provide support whenever we call.”

Adesola added that “It’s an honor to have been recognized for the award. It has inspired and bolstered my

drive to achieve and keep striving to reach my goals.” Elegwu advocated that “the IT program at Georgia Southern University has taught me valuable skills for life, one of which is how to find solutions to problems and challenges.” Kangethe further suggested that “the award is a good way to motivate students. IT professors are great and so are their methods of teaching.”

Congratulations to all of them for their great achievements.

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