PARTICIPATION ADVANTAGES

Offered at no cost!

Droid Inventor Kit for each participant!

FREE lunch and afternoon snack!

Instruction and mentorship from IUP faculty and other experts!

Skills and knowledge for a growing career field!

HOW TO APPLY

Applications are accepted online only. To apply or view other important program information, please visit:

www.iup.edu/iupgencyber

CAMP DATES

JUNE 24 - 28, 2019

PROGRAM DIRECTORS

Dr. Waleed Farag
Director, Institute for Cybersecurity

Dr. Soundararajan Ezekiel
Professor, Computer Science

PROUDLY SPONSORED BY:

Summer 2019 GENCYBER Student Camp

Presented by: IUP & NSA

IUP GENCYBER

SUMMER 2019 PROGRAM

GenCyber is a national initiative that is supported by the National Science Foundation and the National Security Agency. This program has the following objectives:

- Increase interest in cybersecurity careers and diversity in the cybersecurity workforce of the nation.

- Help all students understand correct and safe online behavior.

- Improve teaching methods for delivering cybersecurity content for K-12 curricula.

THE FUNDED GRANT

Under the leadership of Dr. Waleed Farag, grant PI, IUP, along with a selected group of national universities, has again been awarded funding for four years in a row to run the GenCyber program in summer 2019.

This year, the camp is open to middle and high school students. The prospective camp will address essential security concepts in an interesting, novel approach to foster interest in cybersecurity among middle and high school students in western Pennsylvania.

PROGRAM SUMMARY

This project will host one free (no cost to participants), five-weekday day camp in summer 2019. Instruction will be delivered by a team of professors with numerous backgrounds but established expertise in cybersecurity teaching and research.

The student camp will provide a uniformly distributed, engaging blend of delivery that includes direct instruction, group activities, structured discovery, and hands-on, laboratory, and informal instructional techniques to both individual and combined cohorts. Upon completion of the camp, participants will have a strong understanding of cybersecurity in addition to mastering basic skills that help them be safer online.