ADVANTAGES FOR STUDENTS

- Offered at no cost!
- Miniature computer 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!

ADVANTAGES FOR TEACHERS

- Offered at no cost!
- An iPad to take home for each participant!*
- FREE lunch and afternoon snack!
- ACT 48 Credits
- Mileage reimbursement for those who qualify!
- Multidisciplinary cybersecurity teaching skills, and modules to be used in class!

HOW TO APPLY

Applications can be sent via e-mail, mail, fax or you can also apply online.

To apply online or download an application and view other important information, please visit:

www.iup.edu/iupgencyber/

Once paper application is completed, please send it and all required documents in one package to:

E-mail: gen-cyber@iup.edu
Fax: 724-357-2724
Mail: Computer Science Dept.
Stright Hall, Room 319
210 South Tenth St.
Indiana, PA 15705

CONTACT INFORMATION

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CYBER SECURITY CAMP

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SUMMER 2016 PROGRAM

Gen Cyber is a new 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 on-line behavior.

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

THE FUNDED GRANT

Under the leadership of Dr. Waleed Farag, grant PI, and Dr. Mac Fiddner, grant co-PI, IUP, along with a selected group of national universities, has been awarded funding to hold a combination summer camp for middle and high school students and teachers.

The funded project, titled "Fostering a Strong Cybersecurity Culture in High and Middle School Students and Teachers in Western PA through a Holistic Multidisciplinary Approach," proposes an interesting, novel, and multidisciplinary approach to foster interest in cybersecurity among middle and high school students and teachers in western Pennsylvania.

CAMP PROGRAM SUMMARY

This project will host a FREE (no cost to participants), five-weekday day-camp held June 13-17, 2016. Instruction will be delivered by a team of professors with numerous backgrounds but established expertise in cybersecurity teaching and research. Camp will include:

- An engaging content delivery approach that includes direct instruction, group activites, structured discover, and hands-on laboratory.

- 90 teaching hours proposed (30 for each group at a rate of six hours per day).

- 45 projected participants. 15 in each of the proposed cohorts (middle school, high school and teachers).

- Upon completion of camp, participants will have a strong understanding of cybersecurity in addition to mastering basic skills that help them be safer online.