#### **CNAP: IUP Expansion of CAE-C Education Project**

#### Meeting's Agenda on May 2, 2018

#### Action:

1. Approval of last meeting's minutes held on April 11, 2018, see attachment #1.

#### Announcements:

- 1. We still need to complete the RI form in attachment #2 in order to explore potential funding agencies that might be interested in funding our work after the NSA fund expires. Please send your input to Dr. Farag.
- 2. Our CAE-C Expansion camp has been accepting online application for the past two week and until May 15. The flyer is included in attachment #3. Please help spread the word as we did not get many applications so far. Complete details are posted on the camp site at <a href="https://www.iup.edu/compsci/events/cae-c-expansion/summer-camp/">https://www.iup.edu/compsci/events/cae-c-expansion/summer-camp/</a>.
- 3. Applications for the GenCyber camp is also available online. Flyers are included in attachments #4 & #5. Complete details are posted on the camp site at <a href="https://www.iup.edu/iupgencyber">www.iup.edu/iupgencyber</a>.

#### Discussions:

- 1. Updates on the Pittsburgh Technology Council (PTC) prospective meeting arrangement, Dr. Fiddner.
- 2. Discussion and updates of the findings of the Research Study and updates on visual representation.
- 3. VERY important June 4-8, 2018 summer camp preparation:
  - Guest speakers.
  - Supporting middle school teacher.
  - One group or two groups????
  - Summer student employment.
  - Ordering camp supplies and circuit boards.
  - Completing the camp schedule. VERY Important, see attachment #6.
  - Dr. Farag is still working on securing fund to support lunch cost.

4. Content and Organization of the Web Portal at <a href="www.iup.edu/caecexpansion">www.iup.edu/caecexpansion</a> including Multimedia contents and how to best present/organize them. Sarah, any updates regarding available contents??

#### Project Components Status Reports:

- 1. Research Component: Dr. Machado
- 2. Tutoring/Writing Center: Dr. Rafoth
- 3. Cybersecurity local consortium: Dr. Fiddner
- 4. Web Portal, Summer Camp, and Weekend Workshops: Dr. Farag.

#### New Business:

??

## CNAP: IUP Expansion of CAE-C Education Project Meeting Minutes for Wednesday, April 11<sup>th</sup>, 2018

Meeting Commenced at 11:10 a.m. in HSS 123

Attended by: Dr. Farag, Dr. Fiddner, Dr. Rafoth, Dr. Machado (via Zoom), Amber Stewart, Krista Sarraf, and Sarah Bradshaw

- 1. March 28th minutes unanimously approved at 11:12 a.m.
- 2. The presentation of Dr. Rafoth and his students was followed up with an email to all eight participants, sharing results, and notifying them that the requested resources were assembled, edited to be more relevant to Computer Science readers/users, and made available to them.
  - a. These changed resources may be made available on the website as well, pending a check for proper organization and to prevent duplication of materials.
  - b. The suggestion was made to create a resource page for Middle/High School students, and for community access.
- 3. Dr. Farag met with Dr. Masilela; it is unlikely he will be able to collaborate on the grant itself due to scheduling, but expertise may be shared moving forward.
- 4. In the search for new sources of funding, the attachment #4 will be used. Discussion of the attached will be continued via email; possible questions, comments, and responses are appreciated.
- 5. Dr. Fiddner has advertised our CNAP and GenCyber camps to all 2016, 2017 GenCyber attendees, as well as to the adult attendees of the CNAP workshops. Fliers for these workshops (Attachments #5, #6 were reviewed.
  - a. Dr. Fiddner will continue advertising for these camps by writing to the superintendents of selected school districts, requesting further publicity for the program.
- 6. Dr. Fiddner and Dr. Rafoth finalized agenda, topics for upcoming PTC (Pittsburgh Technology Council) meeting. Title change from "Enduring Collaboration" to "Enduring Cybersecurity Education Collaboration" was approved.
  - a. A model of the agenda will be included.
  - b. Add question that asks professionals if they would be willing to be subjects for future qualitative interview surveys.
  - c. Note that Under the heading "Writing and Communications Skills Tutoring" the first bullet will be reworded to "communication needs in your organization".
- 7. Communication with the IRB is ongoing.
  - a. Contact IRB representative to ensure there has been no miscommunication about the IRB, and our desire to work using a version that has already been approved in order to administer the survey again this semester.
    - i. An eligibility question asking students if they have taken the survey before was suggested to be added to avoid skewing data.

- b. It was also suggested that this, Dr. Farag, Dr. Rafoth, and Dr. Fiddner may be added as co-investigators to the project in order to handle complications associated with a "Change of Protocol" form needed to re-issue the survey.
- 8. All members will please continue to send resources, documentation, etc. to the web portal for posting.
- 9. Dates for the CNAP and GenCyber Camps have been chosen. More time will be dedicated to the logistics of these camps in our upcoming meeting.
  - a. It was decided that the CNAP camp will be offered for middle and high school students.
  - b. As things stand: The camps will run from 9-2:30 each day, and will be comprised of three sessions, following the format of previous workshops and GenCyber model.

Submitted by: Sarah Bradshaw and Waleed Farag

## Funding Search Form

Name	Department
Email	Phone
Title of Project	
Please answer the fo	lowing questions as accurately and detailed as possible
1. Anticipated period of per	formance (timeline of project):
[Click to type your response]	
2. Estimated dollar amount r	needed:
[Click to type your response]	
3. Known collaborators (exte	ernal to Indiana University of Pennsylvania):
[Click to type your response]	
4. Key Words associated with	'h notential project:
,	Tripoterniai projecti.
[Click to type your response]	
5. Type of grant:	Service and the service and th
☐ Research ☐ Teaching ☐	Service/Outreach   Travel   Other
6. Abstract summery (1 page	e max) of activities that grant would support:
[Click to type your response]	

# Cybersecurity cement amp

JUNE 4 TO JUNE 8, 2018

### ATTENTION: MIDDLE AND HIGH SCHOOL STUDENTS!

- Expand your cybersecurity and technical knowledge
- Learn essential communication and critical thinking skills
- Do any of these topics interest you? Apply today by visiting www.iup.edu/caecexpansion and then clicking on summer camp in the left menu!

#### Location

**IUP Main Campus** 

**Questions?** 

cae-c-expansion@iup.edu

#### **Program Directors**

Computer Science Ben Rafoth, PhD English

Waleed Farag, PhD Crystal Machado, PhD Education Mac Fiddner, PhD Policital Science

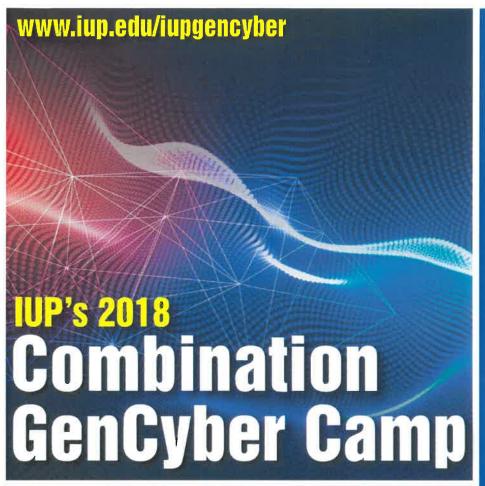
### **Advantages**

- Offered at no cost!
- Electronic device for each participant!
- Instruction and mentorship from IUP faculty and other experts!
- Skills and knowledge for a growing career field!
- Hands-on learning!

Apply NOW space is limited!







## **JUNE 18 TO JUNE 22, 2018**

IUP GENCYBER: CYBERSECURITY CAMP FOR MIDDLE AND HIGH SCHOOL STUDENTS

- Learn detailed information about cybersecurity basics
- Learn hacking defense techniques
- Acquire skills to land your dream job
- Do any of the topics interest you? Apply today at www.iup.edu/iupgencyber

Through this opportunity, you will learn safe online behavior, increase knowledge of cyberspace, and explore cybersecurity careers.

## Advantages\*

Offered at no cost!

Sphero Ollie Robot 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!

Apply NOW space is limited!

### **Questions?**

gen-cyber@iup.edu

#### **Location:**

**IUP** main Campus

### **Project PI and Co-PI**

Waleed Farag, PhD PI - Computer Science

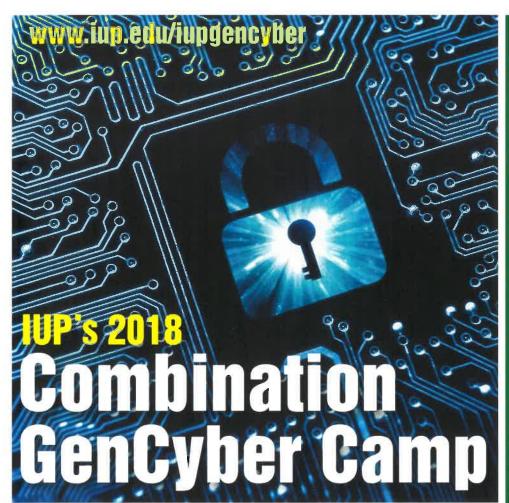
Soundararajan Ezekiel, PhD Co-PI - Computer Science











## **JUNE 18 TO JUNE 22, 2018**

IUP GENCYBER: CYBERSECURITY CAMP FOR MIDDLE AND HIGH SCHOOL TEACHERS

- Learn detailed information about cybersecurity
- Learn about promising careers for students
- Acquire skills to change the future of your students
- Do any of the topics interest you? Apply today by visiting www.iup.edu/iupgencyber

Through this opportunity, you will learn safe online behavior, become part of the solution to the nation's shortage of skilled cybersecurity professionals, and help inspire young people to join the field

## Advantages\*

Offered at no cost!

\$500 stipend for each participant!

**Act 48 Credits** 

FREE lunch and afternoon snack!

Mileage reimbursement for those who qualify

Multidisciplinary cybersecurity teaching skills, and modules to be used in the classroom!

Apply NOW space is limited!

### **Questions?**

gen-cyber@iup.edu

### **Location:**

IUP main Campus

## **Project PI and Co-PI**

Waleed Farag, PhD Pl - Computer Science

Soundararajan Ezekiel, PhD Co-Pl - Computer Science









### **CNAP Draft Camp Schedule**

Day	G1	G2	
Monday: S1 (9:15-10:45)			
Monday: S2 (11:00-12:30)			
	Lunch (12:30-1)		
Monday: S3 (1:00-2:30)			
Tuesday: S1 (9:15-10:45)			
Tuesday: S2 (11:00-12:30)			
	Lunch (12:30-1)		
Tuesday: S3 (1:00-2:30)			
Wednesday: S1 (9:15-10:45)			
Wednesday: S2 (11:00-12:30)			
	Lunch (12:30-1)		
Wednesday: S3 (1:00-2:30)			
Thursday: S1 (9:15-10:45)			
Thursday: S2 (11:00-12:30)			
	Lunch (12:30-1)		
Thursday: S3 (1:00-2:30)			
Friday: S1 (9:15-10:45)			
Friday: S2 (11:00-12:30)			
	Lunch (12:30-1)		
Friday: S3 (1:00-2:30)			