

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 <https://www.iup.edu/compsci/events/cae-c-expansion/summer-camp/>.
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 www.iup.edu/iupgencyber.

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 www.iup.edu/caecexpansion 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 11th, 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 following questions as accurately and detailed as possible

1. Anticipated period of performance (timeline of project):

[Click to type your response]

2. Estimated dollar amount needed:

[Click to type your response]

3. Known collaborators (external to Indiana University of Pennsylvania):

[Click to type your response]

4. Key Words associated with potential project:

[Click to type your response]

5. Type of grant:

Research Teaching Service/Outreach Travel Other

6. Abstract summery (1 page max) of activities that grant would support:

[Click to type your response]

Cybersecurity Skills Enhancement Camp

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

Waleed Farag, PhD
Computer Science
Ben Rafoth, PhD
English

Crystal Machado, PhD
Education
Mac Fiddner, PhD
Political 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!



www.iup.edu/caecexpansion



www.iup.edu/iupgencyber

IUP's 2018

Combination GenCyber Camp

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



*program is contingent on funding released by NSA

www.iup.edu/iupgencyber

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IUP's 2018 Combination GenCyber Camp

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

PI - Computer Science

Soundararajan Ezekiel, PhD

Co-PI - Computer Science



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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)		