

# CNAP: IUP Expansion of CAE-C Education Project

## Meeting's Agenda on April 11, 2018

### *Action:*

1. Approval of last meeting's minutes held on March 28, 2018, see attachment #1.

### *Announcements:*

1. Dr. Rafoth and his students delivered a brief presentation on April 2 to the faculty of the Computer Science Department to promote the project services. See attachment #2 for the proposed presentation points and attachment #3 for survey results.
2. Dr. Farag has contacted Dr. Masilela regarding possible collaboration. The UBMS program will not start till mid-June 2018.



4. Content and Organization of the Web Portal at [www.iu.edu/caecexansion](http://www.iu.edu/caecexansion) including Multimedia contents and how to best present/organize them.

5. Planning for the June 4<sup>th</sup> summer camp.

6. Search, update, recording, MM editing (pictures and videos) and posting on the project Web

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~~At the~~

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att #1

# CNAP: IUP Expansion of CAE-C Education Project

March 7th 2018

Meeting Commenced at 10:50 a.m. in ISS 122

[REDACTED]

Attended by: Dr. Farag, Dr. Fiddner, Dr. Rafoth, Alex Ashcom, Amber Stewart, Krista Sarraf, Sarah Bradshaw, Dameron Braxton, and Hunter Sargent

March 7th minutes unanimously approved at 10:50 a.m.

[REDACTED]

10

Dr. Ferno will contact the HUD research Institute to discover possible

[REDACTED]

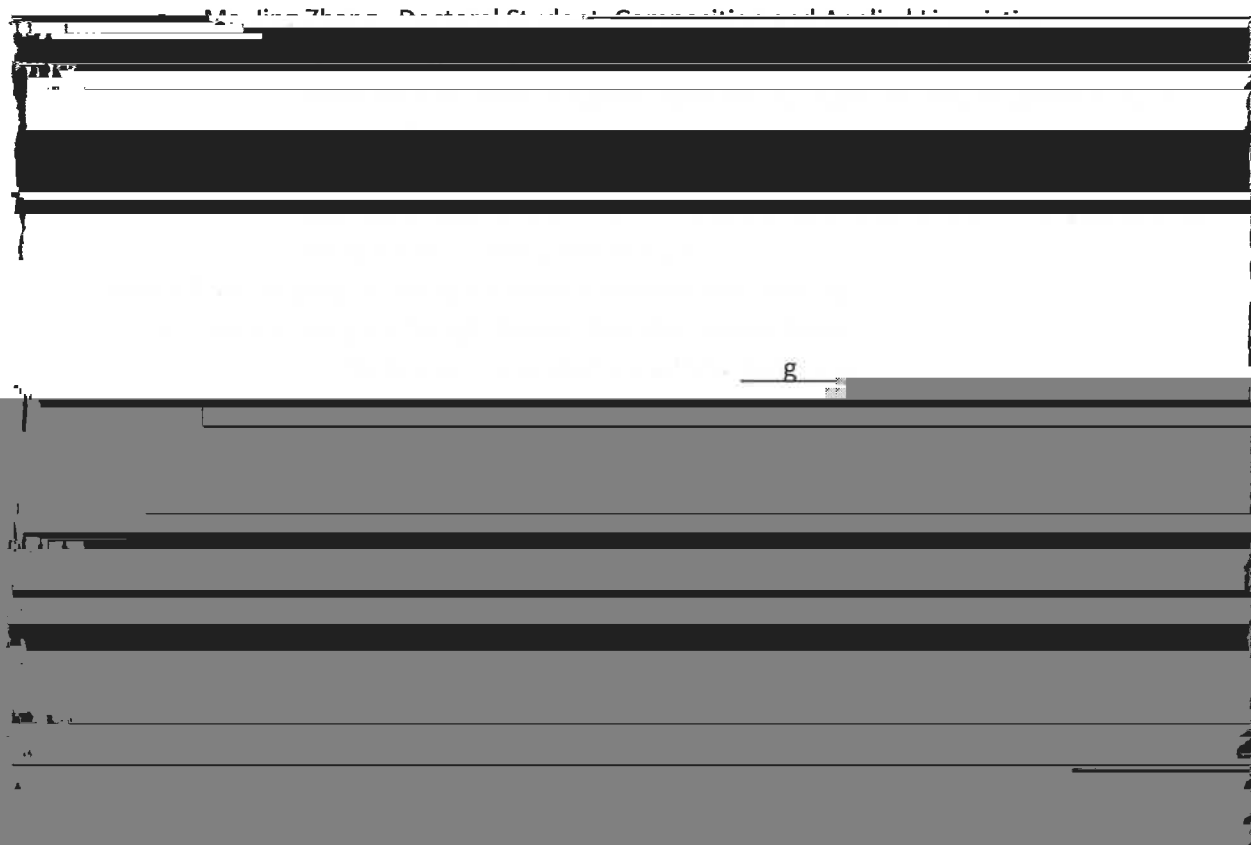
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att #2

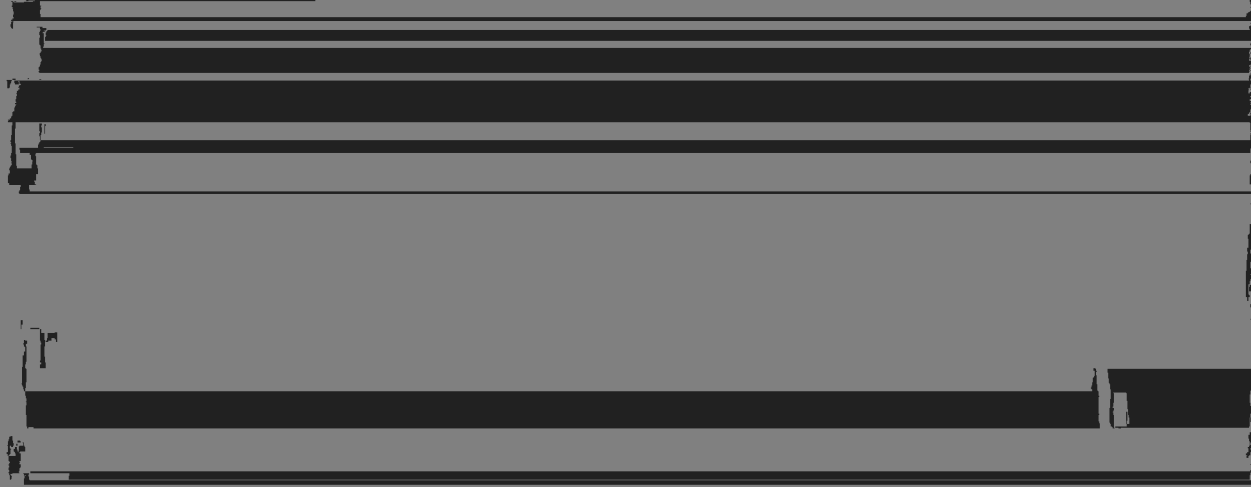
COSC Faculty Meeting Monday, April 2, 2018 at 8:00 am

I. Who are we and why are we here?

- a. Dr. Ben Rafoth, Professor, English Department; The Jones White Writing Center
- b. Ms. Krista Sarraf, Doctoral Student, Composition and Applied Linguistics



- i. We are all working with Dr. Farag on the CNAP grant, whose goal is to improve technical and communication skills among underrepresented students in our



1. Do you assign your students assignments that require them to write more than a paragraph or two?

2. In general, how would you rate the quality of your students' writing? (circle one)

1                      2                      3                      4                      5

Disorganized  
Wordy  
Error-filled

Organized  
Concise  
Error-free

3. Would you be interested in learning more about any of the following resources available to you? (please check)

- Short videos on topics related to effective writing
- Handouts for students (available electronically)
- Workshops for your students
- Tips for faculty on designing writing assignments

- Tips for grading writing
- One-to-one tutoring for your students
- Other: (please describe)

If you checked any of the boxes above, please provide:

Name:

E-mail address:

Grammar

Word Choice

Proofreading


When finished, please fold and we will collect. Thank you.



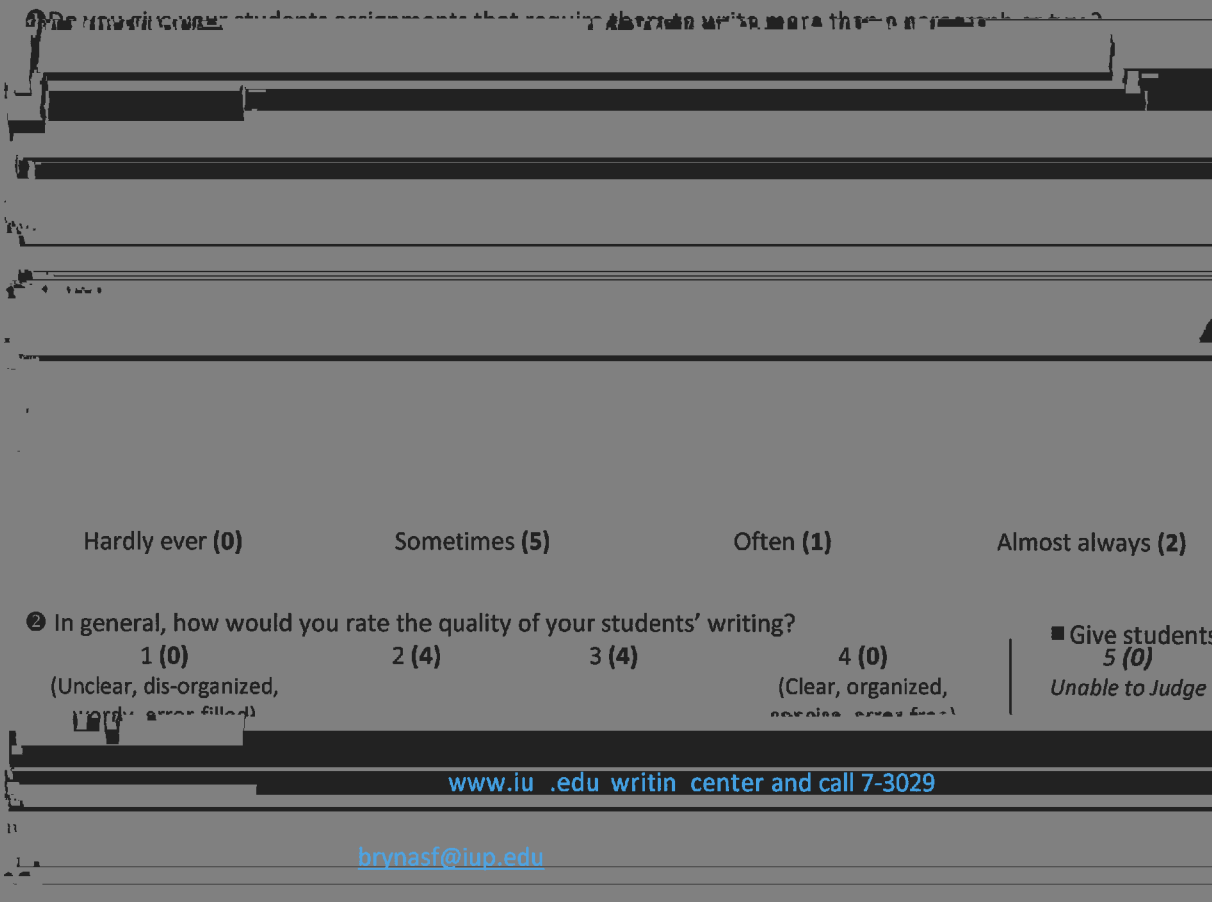
att #3

April 10, 2018

Dear IUP Computer Science Faculty Member,

Following up on our presentation at the April 2<sup>nd</sup> faculty meeting, we would like to share the survey results with you and respond to your requests for specific writing resources.

### Survey Results of COSC Faculty Members (n = 8)



3 Here are the Top Five resources COSC faculty wanted to learn more about – and how to access them.

#### Writing Resources

1. Online handouts for students
2. Online short videos to improve writing
3. Improving my students' writing while adding little or no time to my workload.
4. Workshops for my

#### How to Access Them

See 4 below.

See 4 below.

**Practice and feedback** are keys to improving writing. Here are 3 things to try:

Take 3 minutes at the end of class and ask everyone to recap, in writing, what they learned. ■ Award points for meeting with a writing tutor. short writing assignments, require them to meet with a tutor before submitting, and mark the papers Credit/No credit.

The large White Writing Center offers workshops on lots of topics. Visit our



## Funding Search Form

Name

Email

*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:

[\[Click to type your response\]](#)

[.iup.edu/iupgencyber](http://www.iup.edu/iupgencyber)

4th #5

8:20

## 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](http://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!
- mentorship from IUP faculty and other experts!
- Skills and knowledge

### Questions?

[gen-cyber@iup.edu](mailto:gen-cyber@iup.edu)

### Location:

IUP main Campus

### Project PI and Co-PI

Waleed Farag, PhD

PI Computer Science



\*program is contingent on funding released by NSA

# Advantages\*

Offered at no cost!

\$500 stipend for each participant!

Art 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! IUP main Campus

Questions? gen-cyber@iup.edu

## 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

### 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

## ENDURING COLLABORATION

We requested and the IIP's Office of IT Services facilitated this meeting with the Pittsburgh Technology

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

Improving  
Cybersecurity  
Education

Web  
Board



The full scope of the IIP team's effort can be accessed at its website  
[https://www.iu.edu/com\\_sci/events/cae-c-extension/](https://www.iu.edu/com_sci/events/cae-c-extension/)

College (WCCC) and Pennsylvania Highlands Community College (Cambria County). Dr. Waleed Farag, PI, and Dr. Ben Rafoth, Co-PI, are also working with faculty in the Computer Science Department to design assignments for students that develop both technical and writing skills.

- (PTC) Provide advice to improve tutoring process and tools, e.g., videos/powerpoint presentations

- (IUP) Provide instruction, workshops, tutoring, and online resources to interested organizations

  - Less than 10 hours of one-to-one consultations and tutoring services per

  - Ten or more hours of services per month: Hourly or project-based terms negotiable.

- (IUP) Provide editing and research services to interested organizations

- (PTC) Provide support to continue undergraduate tutoring program once NSA grant expires

Paragraph 1: Undergraduate and IT support services of writing and