



## Fram Focus volume 4:5 – December 2018

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### Come to the following cosponsored events:

#### **CET Applied Critical Thinking & Learning Showcase**

**Date:** Thursday, December 6, 2018

**Times:** 11:30am – 1:00pm

**Place:** Henry’s (4<sup>th</sup> Floor of Eastman Building)

Complex, ill-defined problems confront us on a daily basis. Interact with College of Engineering Technology students from first year to last, and learn how they have applied critical thinking strategies to address a wide diversity of real world challenges in their disciplines. Hear from faculty about the strategies they use to ensure growth of the Applied Critical Thinking (ACT) skillset; Engage with student hospitality & event management and personally connect with students and learn about their designs.

Please join our talented students and their faculty mentors as we celebrate Applied Critical Thinking in the College of Engineering Technology! Not only will you be treated to unique hors d’oeuvres and stimulating conversation, you will experience the breadth and depth of CET student innovation, creativity, and design. In fact, Hospitality and Tourism Management students used critical thinking to plan the CET ACT Showcase!

## **Teachers on Teaching ACT: “Teaching Critical Thinking – A Modeling Approach” with Bob Barbato**

**Date:** Monday, December 3, 2018

**Times:** 2:00pm – 3:00pm

**Place:** Wallace A650

Students can acquire and improve critical thinking skills from observing those behaviors in a role model. As an instructor, I am often that role model. In order to model critical thinking skills, I often create situations that allow me to behave as an exemplar. During this session, I will use examples to share some of the classroom techniques that result in modeled critical thinking skills that students can then practice. Register [HERE!](#)

## **Spotlight on CET: Applied Critical Thinking in ACTION!**

### **Packin’ Heat!**

Congratulations to the CET Student Team, “Packin’ Heat” for winning the 2018 Paperboard Packaging Student Design Contest at PackExpo. Read about it [HERE!](#)

### **2018 CET PLIG Grant**

**We would like to recognize the Applied Critical Thinking of the 2018 CET PLIG Grant Team:**

- **Jeanne Christman**, College of Applied Science and Technology, Electrical, Computer, and Telecommunications Engineering Technology
- **Beth Carle**, College of Engineering Technology, Manufacturing & Mechanical Engineering Technology
- **Mike Eastman**, College of Engineering Technology, Civil Engineering Technology
- **Maureen Valentine**, Civil Engineering Technology, Environmental Management and Safety

This team is designing a first year Problem Based Learning course. In the course, we plan to challenge students with ill-defined, societal problems that lend themselves to multiple, creative or innovative solutions. Projects will foster the development of teamwork and communication skills. Students will be examine solutions from ethical, societal, and cultural perspectives.

## PLIG Exploration Grants – Apply TODAY!

Have you seen the announcement for the latest PLIG grant opportunity? This is a great opportunity to obtain some support for innovating your teaching - ESPECIALLY as it relates to Critical Thinking! For more information, click [HERE!](#)

Innovative teaching and learning directly supports our university initiative in ACT. As last year, we plan to run an informal, fun and informative teaching circle for those who are interested in increasing applied critical thinking through their teaching, whether a PLIG recipient or any interested faculty. More information to come spring 2019.

## A Few Thoughts

**With this issue of the Fram Focus we meet Clark Hochgraf, another of RIT's notable critical thinkers.**

Clark Hochgraf is an Associate Professor in the College of Engineering Technology. This month, he shares with us how he integrates art and design thinking to improve his students' ability to think critically about their design in order to produce impactful, meaningful solutions for complex problems. Read his answers to a few critical thinking questions [HERE!](#)

## From Gene Fram

Read "Technology as the Basis for Learning: What the UK Can Learn from the US" published by EAB [HERE!](#)

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