

Cybersecurity Discussion Cases

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<http://mumacasereview.org/tag/cybersecurity/>



Objective

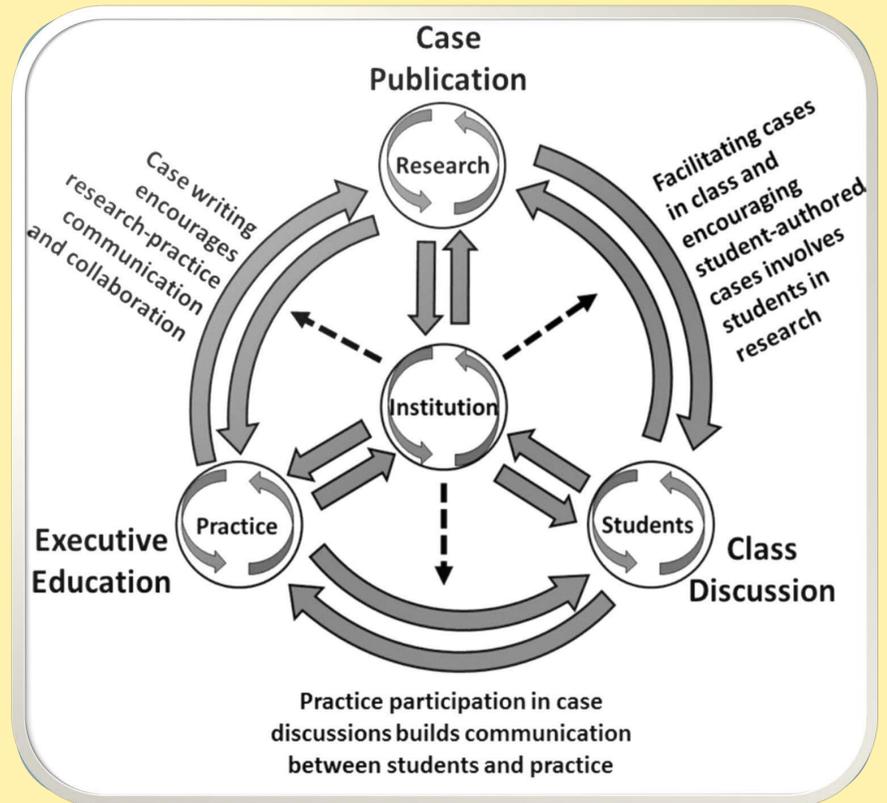
The objective of this project is to develop a series of discussion case studies that can be used to enhance the decision-making judgement of cybersecurity and business professionals.

Intended broader impacts of project:

- Build bridges between academic researchers and cybersecurity practice
- Bring real world issues into the classroom
- Test educational outcomes
- Train researchers in discussion case development and facilitation

What is a discussion case study?

- **Authentic:** focuses on a real world context, developed through on-site research.
- **Open:** Rarely does a single “correct” decision exist.
- **Discussion:** Intended use is online or classroom discussion



Approach

- **Site identification:** Organizations that are making a significant cybersecurity decision are located.
- **Interviews and data gathering:** Interviews, observations, document gathering is conducted on & off site.
- **Drafting and approval:** Cases are drafted and revised until approved by site.
- **Classroom testing:** Cases are used in-class and online, students surveyed.
- **Open Access Publication:** After revision, cases are submitted for publication.

Progress

- 6 cases published so far
- 2 currently under development & revision
- At least 4 more planned for 2017
- Cases tested in classroom and online
- One faculty case study workshop hosted (2015)
- One workshop planned near project end (2017)

Examples of Topics Covered So Far

- Multifactor authentication implementation
- Securing a WordPress site
- Challenges of hiring “red team” personnel
- Maintaining privacy and IP in the global cloud
- Pros and cons of cyber-insurance
- Writing a cyber protection contract

Interested in Attending Faculty Workshop?

- 3 day introduction to case writing and facilitation
- 9 – 11 October 2017 at University of South Florida
- Registration, T&E covered



Link to survey to express interest in attending workshop

Existing and Future Cases

- All cases are published open access at *Muma Case Review*
- Have a case idea? Contact grandon@usf.edu to discuss; we are looking for collaborators



Link to MCR cybersecurity cases

Interested in meeting the PIs? Attach post-it note below!



National Science Foundation
WHERE DISCOVERIES BEGIN

NSF 2017 Secure and Trustworthy Cyberspace Principal Investigator Meeting
Jan. 9 - 11th 2017
Arlington, VA

