Exploring Information Ethics with Undergraduate STEM Students

Literature Review: Information Ethics


- Articles: 106 articles selected as representative of over 100 articles on the myriad of related topics. See the full bibliography at: http://iue.libguides.com/STEM-Ethics

- Course tools and ideas may be found at: http://iue.libguides.com/coasi103

Ethics in Course

- Plagiarism & Copyright Quiz

- Ethical Research Plan

- Research Misconduct Peer Review: Discussion

- Student comment: "I have to admit that I did not give much thought to the significance of peer review until I returned to college a couple of years ago."

Ethics Assignments

- Copyright
- Citation Process
- Plagiarism
- Statistical Manipulation
- Learning styles/Multi-modal learning

Follow-up Questions

- How do STEM students perceive information ethics?
- Will structured ethics assignments impact learning?
- How do new methods of information sharing impact student understanding of information ethics?
- Are students who are aware of information ethics able to apply that to future research assignments?

Research Plan

- Course tools and ideas may be found at: http://iue.libguides.com/coasi103

- Modules 3 & 4 include the ethics assignments

Survey

- IRB

- Compact STEM End General Student Outcomes