November 19, 2015
12:00-1:30
Agenda

First Time Intros (new)

Announcements (JJ)
- December Meeting (12/17) - Food!
  - Share some
  - Eat some

Overview of OpenCon14 (BM)

Overview of OpenCon15 (CN)

OpenCon Session (JJ)
- Watch Impact of Open Panel @ OpenCon 2014 (43 min. approx)
  - Daniel Demarte, Tidewater Community College
    - Z-Degree Program
    - Lumen Info
  - Jack Andraka
    - Breakthrough: How One Teen Innovator Is Changing the World
    - Scholarly Kitchen
  - Peter Murray-Rust, Cambridge University
    - petermr’s blog
    - ContentMine

Notes from Video

Demarte
- Ability to match OER to course outcomes
- Z-Courses have lower drop rates and withdrawal rates - retaining more students
- Improved student success rates
- 2 year pilot program will have saved students $274K
- Used Lumen Learning
- Z-students will have saved roughly 25% of the costs of their degree
- Tidewater instructor resource (PDF) on OER and Z-courses

Andraka
- designing new test for Pancreatic Cancer
• used PLOS protein database
• used pirated article on carbon nanotubes
• began lab work at Johns Hopkins University
• developed paper sensor
• greatest difficulty was the paywall structure of science literature ($35 per article)
• Harvard has expressed similar problems
• this has created class structure for science lit
• there is a knowledge underclass and a knowledge aristocracy
• access to knowledge should be a basic human right

Murray Rust
• [Open Knowledge Foundation](http://www.openknowledgeworld.org) created [Panton Fellowships](http://www.pantonfellowships.org)
• we are not building a community of practice in open
• we need a revolution - people ending up in jail
• people need to put themselves on the line
• liberation software (e.g. [Open Street Map](http://www.openstreetmap.org), Gnu Linux, Open Genome Project
• current open publishers are not open
• build things where everyone in system is equal
• Elsevier wants to control open data - we must stop this
• Licenses destroy content mining - we need copyright reform
• Closed Access Means People Die - Closed Data Means People Die ([detailed defense with Jenny Molloy](http://www.openknowledgeworld.org)) - this statement is not scientific, but it is self-evident
• creating software to pull data from academic literature (we already crawl and scrape)
• we need to build a voluntary group - wikidata (collection of published scientific facts)
• [Open Notebook Science](http://www.openknowledgeworld.org)

**Future Meeting Items/Speakers**