ISC Enterprise Information & Analytics

- What we do:
  - Query best practices and tool support, enabling and facilitating access to Penn’s administrative information assets (residing in the Data Warehouse and other sources).
  - Foster analytical capabilities to support data discovery culture, and strategic use of information to further School, Center, and institutional goals.

- Centrally supported tools:
  - SAP BusinessObjects (currently includes Web Intelligence and Crystal Reports)
    - Upgrade to Business Intelligence 4 (BI4) just completed!
  - QlikView
    - Upgrade to Qlik 12 in process
  - Splunk
    - Supports Security Logging Service and other log analysis
Analytics Projects

- Experimenting with applications of analytics technologies to benefit our clients:
  - Penn Library and Splunk:
    - OPenn
    - EzProxy
  - Post-Graduate Analytics
  - Power BI exploration
Analytics Projects: Penn Library

- Penn Library and Splunk – Spring 2016
  - OPenn: Analysis and visualizations of usage of Penn Library’s digital archive of rare book and manuscript images
    - Metrics on usage of various collections and types of images
    - Visualizations of geographic spread of OPenn access
  - EzProxy: Non-security analysis of access to restricted digital resources (i.e., databases and journals)
    - Facilitate analysis of consumption of resources by schools and centers
Splunk - OPenn

Data Analytics at ISC All Hands – Sept 28 2016
Splunk - OPenn
Analytics Projects: Post-Grad Analytics

Post-Graduate Analytics – Summer 2016

- Broaden understanding of student paths after they leave Penn, whether they have left as graduates or due to a change in plans
  - Potential inputs: post-graduate professional pursuits, quality of life, civic and social engagement (institutional and other sources)
  - Activities: information discovery and analysis, tool evaluation, proof of concept development and recommendation
  - Vision: insightful analytics leveraged in ongoing development and support of Penn's curricular and student experience offerings
  - Stakeholders: Provost’s Office; DAR; Institutional Research; Schools

Project Status:

- Partner engaged: Anexinet
- Information discovery interviews with stakeholders
- Analysis and data deeper dives
- Proof-of-concept tool experimentation and development (in process)
Data Visualization SIG

- Co-Lead: Matt Cohen, Wharton Research Data Services (WRDS)
- Inaugural meeting 8/2/2016
  - Over 50 attended from many schools and centers
  - Lightning talks:
    - Wharton External Affairs
    - Wharton Research Data Services
    - Development and Alumni Relations
    - ISC
- Future plans:
  - Sharing experiences, best practices
  - Analytics tools matrix
  - Next meeting: 10/5/2016