**ABOUT**

**RYERSON AND THE LIBRARY**

- Urban university located in downtown Toronto, Ontario, Canada
- Culturally diverse population of 38,950 students, including 2,300 master’s and PhD students, and nearly 2,700 faculty and staff
- The Ryerson Library collection consists of over 520,000 books, over 1,300 print journal titles, and over $2.9 million of electronic resources, including approximately 45,600 e-journals, 165,000 e-books, databases and indexes, geospatial data, and catalogued websites or electronic documents

**LIBRARY BUDGET AND FTE TREND 2008-13**

Over the past 10 years, Ryerson’s FTE has grown from 20,990 to almost 30,000. While our FTE has steadily risen, the % of the University budget dedicated to the library has not. According to the MacLean’s statistics, Ryerson is consistently ranked at or near the bottom of our peer group. The library budget has seen steady growth from 26,250 to 28,750, while our FTE has steadily risen, the % of the University budget dedicated to the library has not.

**THE PROJECT**

Inspired by the Wollongong Library Cube and the University of Minnesota Libraries student library use study, the Ryerson library embarked on an assessment project aiming to prove statistical correlation between library usage and student academic success.

**DATA PROCESS FLOWCHART**

- **STUDENT ID**
  - **ACG GROUP**
  - **PROGRAM & DEPARTMENT**
  - **PROGRAM YEAR**
  - **ACADEMIC CAREER**
  - **TERM GPA**
  - **CURRICULUM GPA**

- **PESSONOMIZE**

- **MERGE CLEAN**

- **CCS IMPLEMENTATION**

- **CHECKOUT & CIRCULATION**

- **E-RESOURCE SESSIONS**

- **LIBRARY WORKSHOPS**

**METHODOLOGY**

- Census vs. sample: Data includes all active undergraduate and graduate students
- Student ID is included to merge data from Library and Registrar’s office
- Hashing is used to convert the student ID to a unique, pseudonym character string
- Merged and cleaned data is enhanced to add additional information: Letter Grade, Grade Scale, Intensity of Use, Number of Services Used, User/Non-user
- Descriptive statistics run on data to compare averages across various user groups

**PROJECT TIMELINES AND MILESTONES**

- **.submit full REB**
  - **sept 09, 13**
- **Chief Librarian signed PIA**
  - **nov 05, 13**
- **REB approved**
  - **mar 14, 14**
- **phase 1 complete**
  - **mar 16, 14**
- **ISSO assessment complete**
  - **May 16, 14**

**INITIAL FINDINGS**

**UNDERGRADUATE COMPARISON: LIBRARY USE AND AVERAGE GPA (FALL 2013)**

**Accounting and Finance Department**

- Undergraduate students
- Average GPA 3.43%
- 6293 students

**Computing, Engineering and Mathematics**

- Undergraduate students
- Average GPA 3.09%
- 23935 students

**Next Steps**

- Process Winter 2014 data
- Track changes over time
- Identify correlations and patterns
- CCS to refine code to enhance privacy