The Stakeholder Analysis for the Research Data Management Services: Public Policy Researchers in the University of Michigan

IASSIST 2015
JUNGWON YANG
UNIVERSITY OF MICHIGAN
Who I am

- International Government Information librarian
- Liaison librarian of the Ford School of Public Policy
Contents

- Why Stakeholder analysis
- Result of Stakeholder Analysis of the public policy faculty
- Follow-up interview with the Center of Local, State, and Urban Policy (CLOSUP) in the Ford School of Public Policy
- Implications
Research Data Service

  - Data management plan for the grant application
- The new roles of Liaison Librarians:
  - Jaguszwski, Janice & Williams, Karen. (2013)
  - Kenny, Anne. (2014)
- Decentralized and large research community
RDS workshops

- Data education working group, Subject librarians, IT person, RDS team
- Teaching colleagues based on their own expertise
  - Deep Dive into Data
  - Advanced Data Training series
- Academic program-oriented RDS instead of Project-oriented RDS
  - The role of liaison librarian
  - Collaboration among diverse units
The Stakeholders of Research data

Faculty’s main interests: TENURE!

The stakeholders of tenure

- Publishers
- Research Grants Agency
In 1914 the U of M political science department launched a new program leading to a Master of Arts in Municipal Administration. In mid-1960s renaming the Institute for Public Policy Studies. Faculties who are interested in the quantitative analysis of social science expand their interests to national and international issues.

Basic Assumptions

- Majority of faculty is from political science
- Research field:
  - U.S. national and sub-national politics
## Publication Data Analysis

**Data collection**: May 2014 - Nov 2014

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total publication</strong></td>
<td>1446</td>
</tr>
<tr>
<td><strong>Total article</strong></td>
<td>1550</td>
</tr>
<tr>
<td><strong>Total faculty</strong></td>
<td>84</td>
</tr>
<tr>
<td><strong>Research faculty member</strong></td>
<td>47</td>
</tr>
<tr>
<td><strong>Clinical faculty member</strong></td>
<td>37</td>
</tr>
<tr>
<td><strong>Average publication per research faculty</strong></td>
<td>30.7</td>
</tr>
</tbody>
</table>

### Main Interest
- Economics
- Political Science
- Public Health
- Education
- Sociology
- Applied policy: common interest
Implications from Results

- Macro/micro economic data
- Focus on international political economic data
- Strong statistical background
- Have basic metadata knowledge: codebook
- Lack of interest to popular public policy journal: focus on political science & economics publication’s data management plan
Grant Data Analysis

- Data Collection: Fall 2014
- Total grant: 810 (as of Sept 2014)
- All research faculty members earned at least one grant
- More than 10 grants: 26 faculty members

- Major academic interests
  - Applied policy & Applied macroeconomics
  - Poverty and welfare
  - Education
  - Health
NIH & NSF grants

- 48 faculty members are the recipients of the federal government grants
- 165 out of 810 (20.3 percent) is the HSF & NIH grants
- 130 out of 810 grants (16 percent) are more than 1 million dollar projects
- 26 out of 48 faculty with grant experience (54.1 percent) received the federal government grants
Implications

- Conventional assumption: Main federal grant for social scientists is NSF
- Many public policy faculty members are recipients of not only NSF but also NIH grants
- Profound knowledge of IRB and data management plan for the federal government grant
  - University of Michigan Institute for Social Research (ISR)
  - University of Michigan eResearch: Institutional Review Boards (IRB)
- Sensitive data: public opinion, survey, health data etc.
The CLOSUP

- Sent email to researchers in the Ford school
- Interviews with the research fellows of the Center for Local, State, and Urban Policy researchers: April 2015-May 2015
  - facilitate a meeting with the RDS team and the CLOSUP team
- Data:
  - Michigan Public Policy Survey Data
  - Energy & Environmental Policy Initiative Data
  - Survey data, collect twice a year since 2009
The CLOSUP

- Profound knowledge of data collection and curation: their own data curation specialist!
  - Double-blinding data check system
  - Secured data preservation system

Concerns
- Reliable and perpetual data repository
- Preparation for opening data in public
- Help for anonymizing sensitive data
- Peer-pressure is working: APSA’s data access and research transparency (DA-RT) in 2014
Future Plan

- Guide for anonymizing sensitive data
- Data Education for student assistants
- Provision of reliable data repository
Summary

- The knowledge of research data management may vary across discipline
- Stakeholder analysis may be helpful to understand what kind of RDS service will be needed to your clients
EndNote


Thank You!

Questions?