Passive ORCID id Adoption

Investigating ETDs at Three Research Universities

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THE SCHOOLS

1. Texas Tech University (TTU)
   students: 36,000
   post-grads: 6,000

2. University of Houston (UH)
   students: 43,000
   post-grads: 7,900

3. University of Texas at Austin (UT)
   students: 51,000
   post-grads: 11,300
An international, non-profit organization with the foundational principles of:

- Creating permanent, clear, and unambiguous records for scholars.
- Transcending disciplines, geographic, national, & institutional borders.
- Enabling scholars to control how and what associated with them.
TIMELINE OF ORCID EVENTS

2013  •  Texas A&M begins project to mint ORCID ids for all their graduate students.

2015  •  Vireo 3.0 enables ORCID id field to receive values, map to online ETD records.

2016  •  Greater Western Library Association (GWLA) announces an initiative to support ORCID id use and integration.
DOING ORCID

Three important factors in raising awareness of ORCID:

- Limited resources of money and time of librarians.
- Limited attention of patrons on basically a name-authority file.
- Need to be able to measure impact of any project attempted.
DATA AVAILABLE!

We have six semesters of ETDs worth of data to help establish a direction for any ORCID awareness project.

- Are there grads already making an ORCID id? Who?
- Are there fields or professors encouraging ORCID ids?
- Are more ORCID ids being created over time?
METHODODOLOGY

Getting the data to a state that it could be helpful:

01. Using Vireo to get the records of ETDs submitted for each semester.

02. Using OpenRefine to standardize values, assign general fields of study, & record status of ORCID record.

03. Using OpenRefine facets to get counts of aspects of the records.
Cluster & Edit column “Department”

This feature helps you find groups of different cell values that might be alternative representations of the same thing. For example, the two strings “New York” and “new york” are very likely to refer to the same concept and just have capitalization differences, and “Gödel” and “Godel” probably refer to the same person.

Find out more...

Method: nearest neighbor  
Distance Function: levenshtein  
Radius: 1.0  
Block Chars: 6  
1 cluster found

<table>
<thead>
<tr>
<th>Cluster Size</th>
<th>Row Count</th>
<th>Values in Cluster</th>
<th>Merge?</th>
<th>New Cell Value</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Computer Sciences</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
METHODOLOGY

The status of the ORCID record

- No record
- Record, but no information (ORCID)
- Record, plus any information (INFO)
- Record, plus any publications (PUB)
<table>
<thead>
<tr>
<th>#</th>
<th>School</th>
<th>Student name</th>
<th>ORCID</th>
<th>Graduation semester</th>
<th>Committee member</th>
<th>Degree level</th>
<th>Major</th>
</tr>
</thead>
<tbody>
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<td>0000-0001-</td>
<td>2015 May</td>
<td>(Chair)</td>
<td>DOCTORAL</td>
<td>Higher Education -- Higher Education Research</td>
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<td>Physics - Applied Physics</td>
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<tr>
<td>951</td>
<td>TTU</td>
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<td>0000-0002-</td>
<td>2015 May</td>
<td>(Chair)</td>
<td>DOCTORAL</td>
<td>Higher Education -- Higher Education Research</td>
</tr>
</tbody>
</table>
QUESTION 1A

Are there grads already making ORCID ids?

YES!
QUESTION 1B

Is there a difference between Masters and Doctoral graduates?

A LITTLE!
QUESTION 2A

Are there fields with more ORCID ids?

YES!
ORCID ID - All Schools by Field

- ARCH: 48%
- ARTS: 51%
- BUS: 37%
- COMM: 47%
- DESN: 35%
- EDU: 57%
- ENG: 45%
- GLAM: 65%
- HEAL: 49%
- HUM: 52%
- MATH: 29%
- SCI: 47%
- SOCS: 51%
QUESTION 2B

Are there advising professors who have ORCID ids?

- No record (N)
- One record, but no information (U)
- Many records, not on first page (U)
- Record with information (Y)

IT'S COMPLICATED!
ORCID ID + PROF "Y" - All Schools by Use

- ORCID ID: 30%
- INFO: 34%
- PUB: 49%
QUESTION 3

Are more ORCID ids being created over time?

YES!
**Question 3**

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Question 3

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QUESTION 3

Are more ORCID ids being created over time?
CONCLUSIONS

Awareness is more than just making an ORCID id account.

- Establish a base rate of passive adoption.
- Establish means to measure usage in the future.
- Set meaningful goals for awareness projects.
PROBLEMS

- Only could be so certain of the Professors' ORCID IDs.
- Only looked for a selection of Professors' ORCID IDs.
- Only operating off of self-reported ORCID IDs.
OpenRefine (openrefine.org)
ORCID (orcid.org)
Texas Digital Library (www.tdl.org)
Vireo (www.tdl.org/etds/)

Texas A&M University. (2015). Integration of ORCID Research identifiers into the scholarly communications of new researchers at Texas A&M. College Station, TX: Gail Clement.
THANK YOU

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