Preliminary Analysis of Faculty Perception and Engagement with Open Access Institutional Repositories (OA IR)

Ahmet Meti Tmava
PhD Candidate, College of Information
University of North Texas
Preliminary analysis reveal:

• Faculty familiarity with Open Access goals and awareness of OA policy based on age, sex, college, academic rank and status.
• The perceptions and practices of faculty related to participation in OA repositories.
• The influence of demographic factors on faculty intention to participate in OA IR
Participants by age, sex, college, rank and status

05-24-2017
Percentage of respondents for each college

- College of Arts and Sciences: 12%
- College of Business: 8%
- College of Education: 17%
- College of Engineering: 6%
- College of Information, Hospitality and...: 50%
- College of Music: 9%
- College of Public Affairs and Community Service: 6%
- College of Visual Arts and Design: 4%
- Librarians: 35%
Familiarity with OA declarations by age and sex

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 30</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td>31 to 40</td>
<td>33</td>
<td>67</td>
</tr>
<tr>
<td>41 to 50</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>51 to 60</td>
<td>48</td>
<td>52</td>
</tr>
<tr>
<td>61 to 70</td>
<td>28</td>
<td>73</td>
</tr>
<tr>
<td>Over 70</td>
<td>44</td>
<td>56</td>
</tr>
<tr>
<td>Male</td>
<td>36</td>
<td>64</td>
</tr>
<tr>
<td>Female</td>
<td>40</td>
<td>60</td>
</tr>
</tbody>
</table>

05-24-2017
Familiarity with OA declarations by College

<table>
<thead>
<tr>
<th>College of Arts and Sciences</th>
<th>College of Business</th>
<th>College of Education</th>
<th>College of Engineering</th>
<th>College of Information</th>
<th>College of Merchandising, Hospitality and Tourism</th>
<th>College of Music</th>
<th>College of Public Affairs and Community Service</th>
<th>College of Visual Arts and Design</th>
<th>Libraries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>35</td>
<td>20</td>
<td>17</td>
<td>70</td>
<td>65</td>
<td>35</td>
<td>65</td>
<td>0</td>
<td>72</td>
</tr>
<tr>
<td>No</td>
<td>65</td>
<td>80</td>
<td>83</td>
<td>75</td>
<td>100</td>
<td>88</td>
<td>65</td>
<td>13</td>
<td>100</td>
</tr>
</tbody>
</table>
Familiarity with OA declarations by academic rank

- Professor (full, clinical, research)
- Associate Professor
- Assistant Professor
- Other (i.e. librarian, instructor, adjunct)

05-24-2017
Familiarity with OA declarations by academic status

- **Tenured faculty**: 34 Yes, 66 No
- **Tenure track (but not yet tenured)**: 35 Yes, 63 No
- **Non-tenure track**: 13 Yes, 57 No

05-24-2017
Awareness of UNT OA Policy by age and sex

- Under 30: 100 Yes, 0 No
- 31 to 40: 39 Yes, 62 No
- 41 to 50: 58 Yes, 12 No
- 51 to 60: 48 Yes, 52 No
- 61 to 70: 48 Yes, 53 No
- Over 70: 38 Yes, 63 No
- Male: 49 Yes, 51 No
- Female: 47 Yes, 53 No

05-24-2017
Awareness of UNT OA policy by college

05-24-2017
Awareness of UNT OA policy by academic rank

- Professor (i.e. full, clinical, research)
  - Yes: 60
  - No: 40

- Associate Professor
  - Yes: 60
  - No: 40

- Assistant Professor
  - Yes: 56
  - No: 44

- Other (i.e. librarian, instructor, lecturer, adjunct)
  - Yes: 55
  - No: 45

05-24-2017
Awareness of UNT OA policy by academic status

Tenured faculty

Tenure track (but not yet tenured)

Non-tenure track

<table>
<thead>
<tr>
<th>Status</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tenured faculty</td>
<td>49</td>
<td>51</td>
</tr>
<tr>
<td>Tenure track (but not yet tenured)</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Non-tenure track</td>
<td>45</td>
<td>52</td>
</tr>
</tbody>
</table>

05-24-2017
Do you know the purpose of UNT Scholarly Works repository?
Contribution to UNT repository by age

05-24-2017
Contribution to UNT repository by academic rank

- Professor (i.e. full, clinical, research):
  - Always: 79%
  - Most of the time: 8%
  - About half the time: 2%
  - Sometimes: 2%
  - Never: 8%

- Associate Professor:
  - Always: 68%
  - Most of the time: 5%
  - About half the time: 8%
  - Sometimes: 5%
  - Never: 3%

- Assistant Professor:
  - Always: 82%
  - Most of the time: 2%
  - About half the time: 8%
  - Sometimes: 6%
  - Never: 2%

- Other:
  - Always: 75%
  - Most of the time: 15%
  - About half the time: 5%
  - Sometimes: 9%
  - Never: 15%
Contribution to UNT repository by academic status

05-24-2017
Contribution to UNT repository by college

**05-24-2017**
Contribution to any type of OA repository by college

05-24-2017
Intent to deposit by age and sex

05-24-2017
Intent to deposit by college

05-24-2017
• Intent to deposit by academic rank
Intent to deposit by academic status

Tenured faculty
- Yes: 51
- No: 49

Tenure track (but not yet tenured)
- Yes: 42
- No: 58

Non-tenure track
- Yes: 50
- No: 40

05-24-2017
Intent to deposit based on awareness of OA declarations and UNT OA policy

<table>
<thead>
<tr>
<th>Familiar with OA declarations</th>
<th>NOT familiar with OA declarations</th>
<th>Aware of UNT OA Policy</th>
<th>NOT aware of UNT OA policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>75%</td>
<td>24%</td>
<td>61%</td>
<td>39%</td>
</tr>
<tr>
<td>65%</td>
<td>35%</td>
<td>59%</td>
<td>41%</td>
</tr>
</tbody>
</table>

05-24-2017
In conclusion

• Majority of faculty (62%) were not familiar with any of the three OA declarations; and more than half (52%) were not aware of the UNT OA policy.
• There was a significant difference between age groups, colleges, academic ranks and status and their awareness of OA in general and UNT OA policy.
• Majority of faculty (64%) did not know the purpose of UNT Scholarly Works repository; 75% have never contributed to UNT repository; and 66% have never contributed to any type of OA repository.
• Faculty that were familiar with OA declarations and OA policy scored higher on Intent to deposit their work in OA IR.
• There was a significant difference between age groups, academic ranks and status and their intent to deposit, especially by college.
THANK YOU!

05-24-2017