[U221] The Fundamentals of Engineering Librarianship

2018 ASEE Annual Conference. Engineering Libraries Division
Sunday, July 24, 2018. 9am-12pm.
Room 260A, Convention Center – Salt Palace, Salt Lake City, UT

Mel DeSart
University of Washington
desart@uw.edu

Kevin P Drees
Oklahoma State University
kevin.drees@okstate.edu

Kari Kozak
University of Iowa
Kari-Kozak@uiowa.edu

Tom C. Volkening
Michigan State University
volkenin@lib.msu.edu

Sponsor: ASTM International (Booth 721)
The Fundamentals of Engineering Librarianship: Outreach

Kevin P Drees
Oklahoma State University
kevin.drees@okstate.edu

Outreach on 3 Levels

• Level 1. **Meeting** faculty for relationship building, creating trust

• Level 2. **Marketing** library resources and services, greater presence:
  - Providing instruction and collection development
  - Becoming more involved in the engineering departments’ courses, research, and activities.
  - Office hours in the departments

• Level 3. **Engaging** with faculty in collaborative manner:
  - Co-teaching courses
  - Forming research partnerships
  - Serving on curriculum committees, accreditation teams
  - Assessing satisfaction with service at this level

Tools for Outreach

• Content:
  • Functional specialist: data literacy, research impact, scholarly communication, etc
  • Subject specialist: instruction, research, collections

• Packaging:
  • Emails & website – ease of distribution
  • Print folders – New faculty
    • General info that new faculty need to know
      • Interlibrary loans, reserve books, and contacts for specialized services
    • Customized – to each faculty
      • instructions for creating alerting services: keyword, citation, journal TOC
      • Publication metrics – number of times cited, journal impact factors, H factor

• Frequency – it depends

I want to know if my outreach was effective......
Assessing Outreach through an Impact Report

• Outreach and Communication
  • Number of departmental visits per semester (assessment of each service)
  • Number of individual faculty visits
  • Number of research & instructional partnerships

• Instruction
  • Number of hits on research guides (assessment of each)
  • Number of classes, on-off, multi-session, or co-taught

• Research Services (assessment of each)
  • Number of Research Consultations, Reference questions, new & updated research guides.

• Collection Development
  • Number of new database trials
  • analyze usage
## Annual Impact Statement

<table>
<thead>
<tr>
<th>AREA OF IMPACT</th>
<th>NUMBER(S)</th>
<th>QUALITATIVE DATA AND NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outreach and Communication</td>
<td></td>
<td>Purpose, content and outcome of each; Feedback from faculty</td>
</tr>
<tr>
<td>Number and type of departmental visits/semesters (informational, workshops, demos) (data management, curation, storage, research)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number and type of individual faculty visits/semesters (please indicate if the faculty member is new or not, department/college) (data management, curation, storage, research impact, OER, author rights/copyright, technology, collection and instruction)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of departmental events attended (speakers, mixers, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number and type of research or instructional partnerships (co-teaching courses, curriculum development, integrating any of the areas mentioned above)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number and type of appointed departmental committees or other groups</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number and type of specialized projects (instruction, data management, author rights/copyright, technology, OER, research impact, discipline-specific)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instruction</td>
<td></td>
<td>Topic/Content; Learning Outcomes Assessed; Method (survey, rubric, student work); Results; Feedback from students/faculty</td>
</tr>
<tr>
<td>Number and type of formal instruction sessions (one-shot or multiple sessions for a specific course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number and type of other general workshops or demos held (not for specific departments i.e. Endnote, OER, data management, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library credit courses taught</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Services</td>
<td></td>
<td>Consultation purpose, who, and outcome; Content of materials; Feedback from students/faculty</td>
</tr>
<tr>
<td>Number of consultation requests received (email, visit, or phone call received directly from a student or faculty member to schedule an appointment OR one you made as a result of an indepth research question received)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of hits for any guides or tutorials developed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of research questions answered virtually (chat/email), phone, in-person</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection Development</td>
<td></td>
<td>Statistical information analyzed; Library resources marketed; Collection discussions held; Feedback from students/faculty</td>
</tr>
<tr>
<td>Statistical information analyzed-database hits, usage stats, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of trials and faculty requests received and set up</td>
<td></td>
<td></td>
</tr>
<tr>
<td>What library resources were marketed, how, and to whom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>What collection-related discussions were held with faculty i.e. needs for the subject area, etc.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>