DEVELOPING A MODEL FOR FACULTY SCHOLARLY METRICS SERVICES ACROSS DIVERSE HEALTH SCIENCES AUDIENCES: FROM DREAMING TO DOING

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THE DREAM: A NEW ROLE FOR LIBRARIANS

Librarians as Partners with Departments & Faculty for Scholarly Communications
The Dream:
Crafting the Faculty Scholarly Narrative

Faculty/College Needs

- Scholarly Impact Metrics
- Enhance scholarly reputations
- Serve emerging needs such as societal impact

Design and test a program that can meet the diverse needs of all MSL client groups

http://www.aaup.org/reports-and-publications/academe
The Dilemma: Online Identity and Scholarly Profile

Tell Your Story

Build an Online Profile

Know Your Impact

Resources:
- Twitter
- Blogger
- Slideshare
- ORCID
- ResearchGate
- VIVO
- LinkedIn
- Academia.edu
- Google Scholar
- Plum Analytics
- Impactstory

Impact Factor
THE DOING: MSL TASK FORCE

Scholarly Impact Task Force
Convened February 2016
### Client Groups

<table>
<thead>
<tr>
<th>Client Groups</th>
<th>No. of Faculty (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Science Center:</td>
<td>321</td>
</tr>
<tr>
<td>College of Medicine</td>
<td>152</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>52</td>
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<td>College of Pharmacy</td>
<td>40</td>
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<tr>
<td>School of Public Health</td>
<td>77</td>
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<tr>
<td>College of Veterinary Medicine</td>
<td>303</td>
</tr>
<tr>
<td>College of Agriculture and Life Sciences</td>
<td>400+</td>
</tr>
</tbody>
</table>

Table 1. MSL’s Client Groups
Objectives

Identify needs and current knowledge gaps

Learn process and available tools

Design a flexible program

Develop an adaptable blueprint

Task Force Formed -- Liaisons
Program Scope

- Researcher Discovery
- Online Identity/Scholar Profiles
- Open Access
- Dossier Preparation
- Data Management and Access
THE DOING: PARTNERING WITHIN

Office of Scholarly Communication
Bruce Herbert, PhD
Best Practices for the use of Scholarly Impact Metrics

Developing a Narrative About Scholarly and Creative Impact
We often have to develop a narrative of the impact of our scholarly and creative work for a dossier for tenure or promotion, grant proposals, or for an academic program review.

A scholarly impact narrative is a concise statement that explains the quality, productivity over time, and impact of your scholarly or creative work. The narrative often reports on your past accomplishments, present activities, and future plans. For instance, an impact narrative needed for your tenure and promotion dossier.

"...is your opportunity to make your own case. The statement communicates a quick sense of whether you know who you are, where you've been, and where you're going in your career."

"...the personal statement provides context for your achievements beyond what is visible on the cv, showing that they fit into a meaningful plan for your development as a scholar, teacher and university citizen."

It should provide an interpretation of your work and go beyond simple reiteration of the content of your vita. The statement, in conjunction with the cv, should provide evidence that significant research ideas and research activities are coming to fruition and that there is evidence of future promise.

Evaluating Your Scholarly Impact
Citation analysis and other bibliometric methods help justify your scholarly impact narrative by providing evidence of three characteristics of scholarship: scholarly output, scholarly impact, and the nature and

Supporting Librarian Liaisons

- Literature reviews to establish best practices
- Tools
- Partnerships on services

Scholarly Reputation & Impact
Copyright & Fair Use
Open Access (OA) Initiatives
Digital Scholarship & Publishing
Scholars @ Texas A&M

People plus information on the work they do

Publicly-visible information, across disciplines

An open, shared platform for connecting scholars, research communities, campuses, and the world using Linked Open Data (LOD)

System of Record that represents all TAMU faculty

http://scholars.tamu.edu
Scholars @ Texas A&M

Research Profile System (VIVO)

Features support customization to discipline-specific needs

Personalized Narratives Through Custom Profiles

Discoverable Expertise

Curate Scholarly Objects (Syllabi, Reports, Data, Presentations)

SCHOLARS @ TAMU
connect share discover

Scholarly Impact Metrics
THE DOING: PARTNERING EXTERNALLY

Liaison Activities
CVM
ORCID for early career researchers

Oct 2013
• University Libraries receives grant to support ORCIDs for graduate students as early career researchers

Beginning Feb 2014
• Worked with Scholarly Communication Librarian to offer presentations to CVM graduate students (not DVM students)

Ongoing
• Partner with Office of Graduate and Professional Studies
  • Scholarly Identity now part of graduate curriculum including a 2-hour session in required class
CVM Scholarly Impact Task Force

Admin
- Presentation to Executive Committee about Scholars@TAMU
- Received enthusiastic buy-in. In queue to be entered.

Groups
- Presentations to house officers (residents and interns), departments, departmental retreat

Individuals
- Consultations with individuals about narrative for promotion dossier
College of Medicine

Office of Research

- Needs: reporting, visibility of COM research, visibility into other disciplines’ work
- What: COM as pilot group for proof-of-concept of researcher discovery tool
- Result: 140+ COM faculty; rollout to Texas A&M faculty by Fall 2017

Workshops

- Needs: Faculty digital identity, metrics tracking and consistency, visibility
- What: Two-part workshop (CME Credit) – Constructing Your Narrative od Scholarly and Societal Impact; Open Publishing
- Result: 2 dept heads requiring Google Scholar Profiles for their faculty (45%↑)

Consults

- Needs: improve uptake on profile setup, guidance for journal selection, metrics
- What: Departmental and individual consults re: impact, companion to AAMC Bibliography of Journals for Educational Scholarship
- Result: visibility for the liaison, increased Scopus h-index for faculty
College of Pharmacy

Needs Assessment
- 50% of the faculty who responded to the survey hadn't tracked or measured their research impact using any tools or resources
- 91% didn't know their Scopus Author IDs or Web of Science profiles

Workshops
- Measuring & Enhancing your Research Impact
- NIH Biosketch Made Easy
- Scholars@TAMU at the college Ex Committee by OSC
- ORCiD Workflow towards Scholars@TAMU

Consults
- Individual faculty members
- Liaison as ORCiD and My NCBI delegate for faculty members
School Of Public Health

Scholars@TAMU

• Build researcher profiles for Public Health Faculty in Scholars@TAMU
• Lets faculty capture altmetric data
• Provides a single point of access to scholarly activities

Open Access Outreach

• Regularly promote University’s repository service and University Libraries Open Access Knowledge Fund
• Organize meeting to discuss an open access policy at Texas A&M University [consequently, the issue is making its way through the University’s Faculty Senate]

Additional Efforts

• Provide one-on-one consultations to gather and interpret metrics and recommend strategies to promote research activities
• Create a Medical Sciences Library Scholarly Communications LibGuide
• Develop a Data Management Workshop [best practices for managing research data]
**College of Nursing**

**Tenure-track faculty**
- Needs: Dossiers, metrics tracking, tenure guidelines
- What: CON followed COM pilot group for researcher discovery tool
- Results: 7 faculty added to Scholars@TAMU (100%)

**Presentations**
- Needs: Faculty digital identity, metrics tracking and consistency, visibility
- What: Demonstrated Web of Science & Scopus; Dossier workshop
- Result: 5 faculty requiring Google Scholar Profiles and ORCiDs

**Consults**
- Needs: Record metrics, CVs/Packets, write scholarly narrative
- What: Departmental and individual consults re: impact, portfolio assembly
- Result: Visibility for the liaison, 2 faculty ready for mid-term reviews
Task Force Outcomes

PUBLICATIONS

Publication Impact: Scopus (citations = 4, h-index = 1; Google Scholar (citations = 13, h-index = 2); Web of Science (citations = 2, h-index = 1)

Peer-Reviewed Publications (denotes corresponding author)
Simonsen Metrics/Impact Template

This author's $h$-index is 1

The $h$-index is based upon the number of documents and number of citations.
Recommendations

Training → Buy-in / Engage with clients → Presentations

Individual faculty → Institutional profiles → Follow-up

Collaborate with OSC
Conclusions

- Established a new and workable service model
- Each client group needs customized approach depending on needs
- Requires consistent, repeated effort
- Developed a blueprint for MSL to implement future research support services
- Demonstrated a new value of liaisons in their assigned colleges/departments
- Enhanced the visibility of MSL and its services
Thank you!

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