Western Washington University

From the SelectedWorks of Jenny K. Oleen

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Publishing and archiving trends in open access: preliminary results

Jenny K Oleen, Western Washington University

Available at: https://works.bepress.com/jenny_oleen/9/
Publishing and archiving trends in open access: preliminary results

Jenny Oleen, Livia Olsen, Diana Farmer
Institutional Repositories

http://krex.k-state.edu/
The Open Access movement
Encouraging faculty participation

- Attend departmental faculty meetings and events
- Daily K-State newsletter articles
- Handouts, flyers, and other advertisements
- Or . . .
Active encouragement of faculty

• Began in mid 2012
• Database searches
• RefWorks
• Email faculty for permission
• A workflow management system
Actual participation rate?

• We think things are going well
• Have IR deposits increased as a result of outreach efforts?
• What percentage of faculty participate?
Two departments

DEPARTMENT OF CLINICAL SCIENCES

http://www.asi.k-state.edu/
http://www.vet.k-state.edu/depts/ClinicalSciences/
Selected groups within those departments

• Animal Science and Industry
  – Food animal Faculty

• Clinical Sciences
  – Agricultural Practices Section
Publication years

- 2011
- 2012
- 2013
Databases versus . . .

CAB Abstracts

PubMed
PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Scopus
The largest abstract and citation database of peer-reviewed literature.

Kansas State University Libraries
Animal Sciences and Industry Faculty Research and Publications

Browse by
- Authors
- Titles
- Subjects
- Published Date

Search within this collection: [Search]

Recent Submissions

Holsteins favor heifers, not bulls: biased milk production programmed during pregnancy as a function of fetal sex
Hinde, Katie; Carpenter, Abigail J.; Clay, John S.; Bradford, Barry J. (2014)
Mammalian females pay high energetic costs for reproduction, the greatest of which is imposed by lactation. The
synthesis of milk requires, in part, the mobilization of bodily reserves to nourish developing young. Numerous ...

Assessing the association between hoof thermography and hoof Doppler ultrasonography for the diagnosis of
lameness in horses
Douthit, Teresa L.; Bormann, Jennifer M.; Bello, Nora M. (2014)
The objectives of this study were to 1) assess the correlation between hoof surface temperature and ultrasonographic
measurements of digital blood vessels in horses, and 2) evaluate their potential as predictors for clinical ...
Methodology

• Database searches by author
• Exported to RefWorks
• De duped
• Compared to entries in KREx
## Results (total articles)

<table>
<thead>
<tr>
<th>Database</th>
<th>Articles</th>
</tr>
</thead>
<tbody>
<tr>
<td>PubMed</td>
<td>167</td>
</tr>
<tr>
<td>Scopus</td>
<td>187</td>
</tr>
<tr>
<td>Web of Science Core Collection</td>
<td>185</td>
</tr>
<tr>
<td>CAB Abstracts*</td>
<td>334</td>
</tr>
<tr>
<td>Total (de-duped)</td>
<td>386</td>
</tr>
<tr>
<td>Total (de-duped, sans Swine Day)</td>
<td>281</td>
</tr>
<tr>
<td>K-State Research Exchange</td>
<td>11</td>
</tr>
</tbody>
</table>
## Results: Faculty Publications

**College of Veterinary Medicine**

<table>
<thead>
<tr>
<th>Author</th>
<th>K-REx</th>
<th>PubMed</th>
<th>Scopus</th>
<th>Web of Science</th>
<th>% Archived</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM1</td>
<td>3</td>
<td>8</td>
<td>13</td>
<td>10</td>
<td>29%</td>
</tr>
<tr>
<td>VM2</td>
<td>1</td>
<td>10</td>
<td>27</td>
<td>11</td>
<td>6.25%</td>
</tr>
<tr>
<td>VM3</td>
<td>3</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>34.6%</td>
</tr>
<tr>
<td>VM4</td>
<td>7</td>
<td>28</td>
<td>72</td>
<td>28</td>
<td>16.4%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Average percentage of articles archived</strong> 21.6%</td>
</tr>
</tbody>
</table>
## Results: Faculty Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>K-REx</th>
<th>PubMed</th>
<th>Scopus</th>
<th>Web of Science</th>
<th>% Archived</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS1</td>
<td>2</td>
<td>24</td>
<td>24</td>
<td>23</td>
<td>8.45%</td>
</tr>
<tr>
<td>AS2</td>
<td>2</td>
<td>19</td>
<td>20</td>
<td>20</td>
<td>10.2%</td>
</tr>
<tr>
<td>AS3</td>
<td>2</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>8.33%</td>
</tr>
<tr>
<td>AS4</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>50%</td>
</tr>
<tr>
<td>AS5</td>
<td>1</td>
<td>2</td>
<td>8</td>
<td>5</td>
<td>20%</td>
</tr>
<tr>
<td>AS6</td>
<td>2</td>
<td>12</td>
<td>14</td>
<td>14</td>
<td>15%</td>
</tr>
<tr>
<td>AS7</td>
<td>1</td>
<td>10</td>
<td>1</td>
<td>8</td>
<td>15.8%</td>
</tr>
<tr>
<td>AS8</td>
<td>2</td>
<td>22</td>
<td>25</td>
<td>25</td>
<td>8.33%</td>
</tr>
<tr>
<td>AS9</td>
<td>1</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>16.67%</td>
</tr>
<tr>
<td>AS10</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>30%</td>
</tr>
<tr>
<td>AS11</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>75%</td>
</tr>
<tr>
<td>AS12</td>
<td>2</td>
<td>24</td>
<td>27</td>
<td>27</td>
<td>7.7%</td>
</tr>
</tbody>
</table>

**Average percentage of articles archived**: 22.12%
### Top 10 journals

<table>
<thead>
<tr>
<th>Journal Name</th>
<th>Archiving?</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Journal of Veterinary Research</td>
<td>Not supported</td>
</tr>
<tr>
<td>Journal of Animal Science</td>
<td>Post-print or Publisher PDF with fee</td>
</tr>
<tr>
<td>Journal of Dairy Science</td>
<td>Post-print with fee</td>
</tr>
<tr>
<td>Professional Animal Scientist</td>
<td>Not Supported</td>
</tr>
<tr>
<td>PLOS One</td>
<td>Pre/Post-print &amp; Publisher PDF</td>
</tr>
<tr>
<td>Theriogenology</td>
<td>Pre/Post-Print</td>
</tr>
<tr>
<td>Journal of Veterinary Medicine Education</td>
<td>Not supported</td>
</tr>
<tr>
<td>Journal of Animal Physiology and Animal Nutrition</td>
<td>Pre-print; Post-print with embargo</td>
</tr>
<tr>
<td>FASEB Journal</td>
<td>OA fee required</td>
</tr>
</tbody>
</table>
“Problem” journals

• Many of the top journals are “problems” from an open-access perspective
• What is the effect on archiving trends?
KREx deposits by year from this group

- 2011 – 2 articles
- 2012 – 4 articles
- 2013 – 6 articles
Conclusions

• In spite of supportive departments, there is difficulty encouraging IR participation due to restrictive copyright agreements
• Greater IR participation by Clinical Sciences faculty
• Slight increase in archiving since 2010
Future directions

• Who is NIH funded?
• How might this inform library database purchasing decisions?
• Look at other departments
• How to improve outreach to those who do not participate at all
  – Faculty attitudes about Open Access journals
• Add other databases to our weekly search and email workflow?
Thank you!

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dmfarmer@ksu.edu
Livia Olsen, Faculty & Graduate Services Librarian
livia@ksu.edu

QUESTIONS?