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Publishing and archiving trends in open access: preliminary results

Jenny K. Oleen

Western Washington University, jenny.oleen@wwu.edu

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Publishing and archiving trends in open access: preliminary results

Jenny Oleen, Livia Olsen, Diana
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Katie Kingery-Page
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The Open Access movement



LEARN. SHARE. ADVANCE.

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





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.



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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)

Database	Articles
PubMed	167
Scopus	187
Web of Science Core Collection	185
CAB Abstracts*	334
Total (de-duped)	386
Total (de-duped, sans Swine Day)	281
K-State Research Exchange	11

Results: Faculty Publications College of Veterinary Medicine

Author	K-REx	PubMed	Scopus	Web of Science	% Archived
VM1	3	8	13	10	29%
VM2	1	10	27	11	6.25%
VM3	3	9	9	8	34.6%
VM4	7	28	72	28	16.4%
Average percentage of articles archived					21.6%

Results: Faculty Publications

Author	K-REx	PubMed	Scopus	Web of Science	% Archived
AS1	2	24	24	23	8.45%
AS2	2	19	20	20	10.2%
AS3	2	23	24	25	8.33%
AS4	1	2	2	2	50%
AS5	1	2	8	5	20%
AS6	2	12	14	14	15%
AS7	1	10	1	8	15.8%
AS8	2	22	25	25	8.33%
AS9	1	6	6	6	16.67%
AS10	1	3	4	3	30%
AS11	2	2	3	3	75%
AS12	2	24	27	27	7.7%
Average percentage of articles archived					22.12%

Which journals allow archiving?

Top 10 journals	Archiving?
American Journal of Veterinary Research	Not supported
Journal of Animal Science	Post-print or Publisher PDF with fee
Journal of Dairy Science	Post-print with fee
Professional Animal Scientist	Not Supported
PLOS One	Pre/Post-print & Publisher PDF
Theriogenology	Pre/Post-Print
Journal of Veterinary Medicine Education	Not supported
Journal of Animal Physiology and Animal Nutrition	Pre-print; Post-print with embargo
FASEB Journal	OA fee required

“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!

Jenny Oleen, Scholarly Communications Librarian

jkoleen@ksu.edu

Diana Farmer, Content Development Librarian

dmfarmer@ksu.edu

Livia Olsen, Faculty & Graduate Services Librarian

livia@ksu.edu

QUESTIONS?