

University of Maine

From the Selected Works of Kimberly J. Sawtelle

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Introduction to Digital Commons@UMaine

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Available at: https://works.bepress.com/kimberly_sawtelle/2/



Turn Off Cell Phones





Introduction to DigitalCommons@UMaine

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What is DigitalCommons@UMaine?

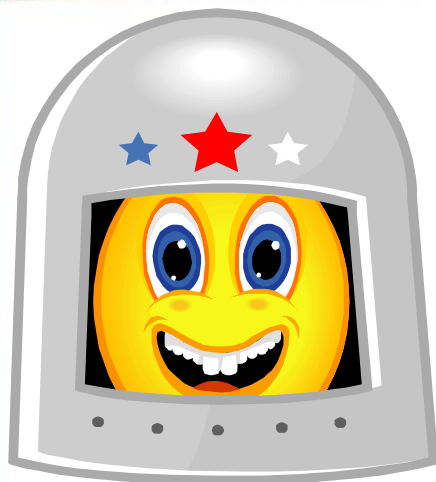
❖ DigitalCommons@UMaine is an Institutional Repository (IR) that provides an opportunity to bring all of UMaine's research together under one umbrella in order to preserve and distribute that work.



Reaching Out

❖ Does your Mission Statement include the terms:

- Disseminate; Share;
- Enhance; Advance;
- Promote; Produce;
- Provide; Educate;
- Demonstrate;
- Qualitative; or
- Quantitative?



Mission Control

- ❖ Is the mission of your department, college, school, institute, research center, or lab to reach out to Maine's population and beyond?
- ❖ The IR provides: visibility; increased citations; peer respect; funding exposure



Got Connections?

❖ DigitalCommons@UMaine is a perfect, alternative way to disseminate information and measurable outcomes as required by your mission and many federal and private granting agencies.



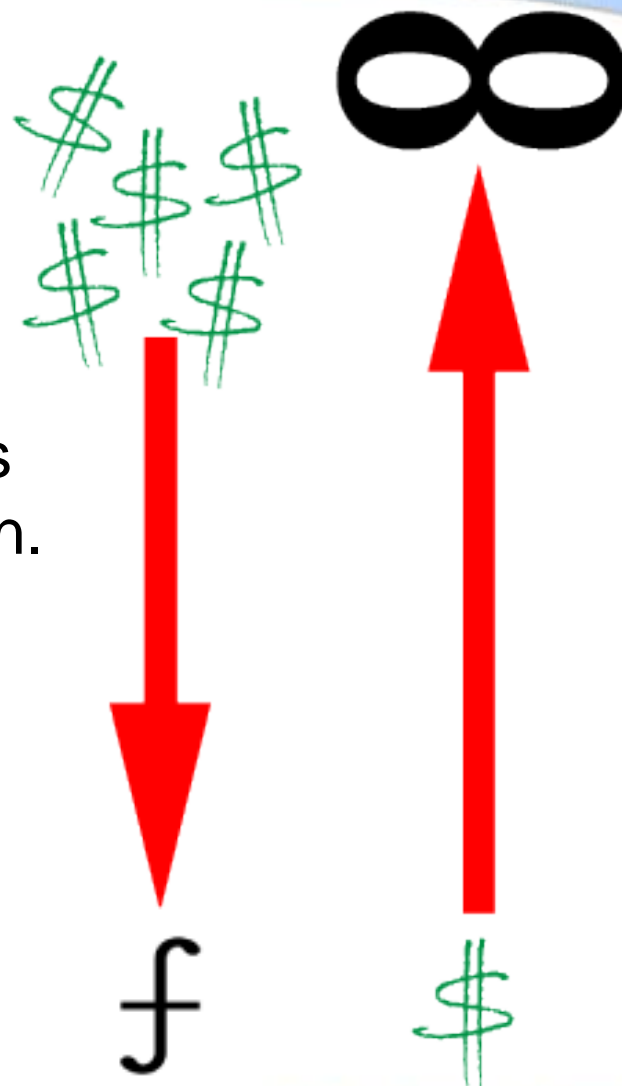
It's Free!

- ❖ The IR provides a **free**, parallel distribution method to support and compliment expensive, printed materials.
- ❖ Re-purpose files created for print documents by simply posting them in the IR to reach a broader audience.



Conversion

- ❖ High printing costs yield finite distribution.
- ❖ Low to no printing costs yield infinite distribution via DigitalCommons@UMaine.





Increase Distribution, Decrease Postage Costs

- ❖ Re-purpose existing contact lists to develop custom E-mail notifications.
- ❖ Invite contacts to subscribe to an RSS feed.



Increase Visibility

- ❖ Publications—newsletters, pamphlets, booklets, course catalogs, grant reports, technical bulletins, image galleries, exhibit catalogs, tip sheets, or fact series—can be “ingested” into a DigitalCommon@UMaine community.
- ❖ DigitalCommon@UMaine can also host academic journals and peer-reviewed series.



Open Access

- ❖ Free access & downloads
- ❖ No advertisements
- ❖ Meta-data
- ❖ Search engine optimization (SEO)
- ❖ Stable links
- ❖ Full text uploads
- ❖ Version control



Example Publications & Galleries

- ❖ Fogler Library Poster Gallery:
http://digitalcommons.library.umaine.edu/fogler_posters/
- ❖ Fogler Library Friends Newsletter:
<http://digitalcommons.library.umaine.edu/olvt/>
- ❖ Special Collections Photo Gallery:
http://digitalcommons.library.umaine.edu/spec_photos/



Conferences & Events

- ❖ Online workflow to coordinate conferences & events
- ❖ Paper submissions, peer review, publish proceedings
- ❖ Post schedules & embed registration on conference site



Example Conferences & Events

- ❖ Pacific University Oregon: Sustainable Scholarship:
<http://commons.pacificu.edu/sustainableschool/register.html>
- ❖ AIS Electronic Library AMCIS Proceedings:
<http://aisel.aisnet.org/amcis2012/>
- ❖ Eastern Michigan University Graduate Research Fair:
<http://commons.emich.edu/grf/>



Discoverability

❖ Works deposited in the IR are cited more frequently, become more accessible, and have greater impact.

- biology, +49%;
- political science, +86%;
- electrical & electronic engineering, +51%;
- clinical medicine, +193%;
- mathematics, +91%



Discoverability Exercise

❖ Open a web browser and search Google for the following article:

Hecker, J.E., & Kaczor, L.M. (1988).
“Application of Imagery Theory to Sport
Psychology: Some Preliminary Findings.”
Journal of Sport & Exercise Psychology,
10(4): 363-373.



Quantifiable impact

- ❖ As of June 2012 the IR
 - Contained 2087 records
 - Experienced 6071 full-text downloads
 - Delivered 37,696 full-text downloads between January-June 2012



Project Organization

- ❖ Fogler Library offers a user's guide at:
<http://library.umaine.edu/dc/DigitalCommonsMainePrimer.pdf>
- ❖ Personalized, one-on-one training is also available



Getting Started

- ❖ Identify the project scope
- ❖ Identify participants
- ❖ Outline responsibilities & workflow
- ❖ Establish timelines
- ❖ Attend a Fogler Library RefWorks workshop



Next up

- ❖ Prepare documentation of materials
- ❖ Create a working Excel spreadsheet
- ❖ Contact your Fogler Library Liaison



What's a Community?

- ❖ Community (top level folder—College)
- ❖ Series (subfolder—Department)
- ❖ Collection (within subfolder—Discipline)



Gather Files for Upload

- ❖ Create a bibliography of works
- ❖ Search specific titles using “One Search”
- ❖ Search titles in Google
- ❖ Search journal websites



Establish copyrights

- ❖ Copyright permission must be obtained for all materials uploaded to the IR
- ❖ Many journals allow posting versions of articles in an institutional repository



Sherpa/RoMEO

- ❖ Is a free, searchable, online database of publisher's policies regarding self-archiving of journal articles on the web and in Open Access repositories.
- ❖ <http://www.sherpa.ac.uk/romeo/>

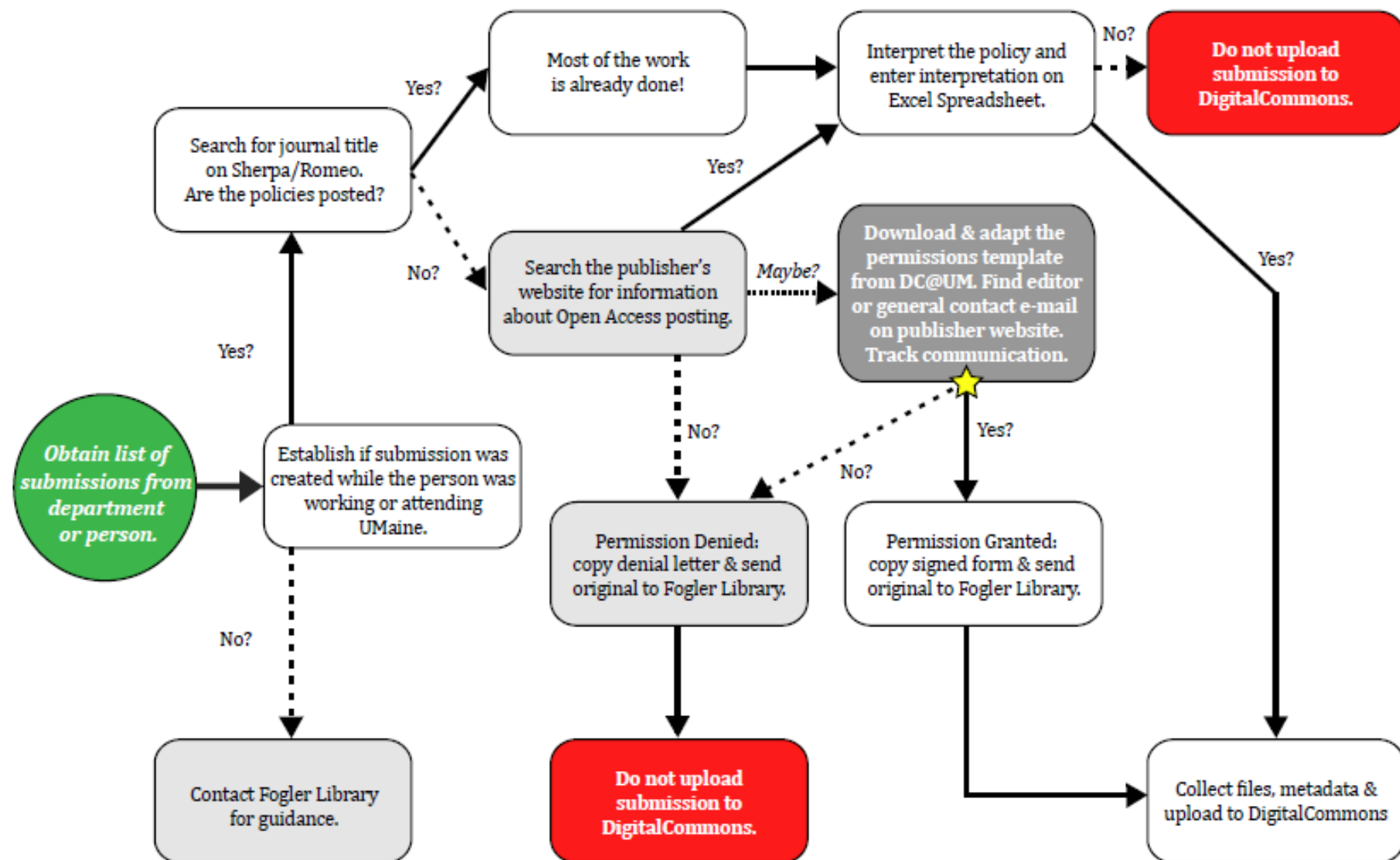


ROMEO colour	Archiving policy
<u>green</u>	can archive pre-print <i>and</i> post-print or publisher's version/PDF
<u>blue</u>	can archive post-print (ie final draft post-refereeing) or publisher's version/PDF
<u>yellow</u>	can archive pre-print (ie pre-refereeing)
<u>white</u>	archiving not formally supported

Sherpa Archiving Color Code

- ❖ **Pre-print/pre-refereeing:** version of the paper PRIOR to peer review (aka draft/initial submission)
- ❖ **Post-refereeing:** version of the paper AFTER peer review (aka pre-print)
- ❖ **Publisher's version:** version of the paper that appeared in press (aka post-print)

DigitalCommons@UMaine Submission Workflow





What is Metadata?

- ❖ Metadata provides information about data content.
- ❖ Metadata describes content.
- ❖ Metadata categorizes content.
- ❖ Metadata provides context for content.



Examples of Metadata

- ❖ Document type = Book
- ❖ Title = The Hunger Games
- ❖ Author = Suzanne Collins
- ❖ Publisher = Scholastic Press
- ❖ Publication date = 2008
- ❖ Edition = 1st ed.
- ❖ Keywords = Juvenile fiction, Survival, Contests, Science fiction



Why is Metadata Important?

- ❖ Provides discoverability
- ❖ Facilitates searches for key data—author, title, etc.
- ❖ Supports “harvesting” of the IR by external systems (e.g., Google Scholar)
- ❖ Helps organize IR content
- ❖ Helps archiving and preservation (when files were created, by whom, when uploaded)



Metadata Exercise

❖ Robert P. Ackert Jr., Sujoy Mukhopadhyay, Byron R. Parizek, and Harold W. Borns Jr. (2007). "Ice Elevation Near the West Antarctic Ice Sheet Divide During the Last Glaciation" *Geophysical Research Letters* 34.21.

❖ <http://www.agu.org/pubs/crossref/2007/2007GL031412.shtml>



Upload files to DigitalCommon@ UMaine

- ❖ Each unit/department will have its own DigitalCommon@UMaine series.
- ❖ Use the prepared bibliographic spread sheet to enter data.



Review the Queue

❖ Once articles have been reviewed and/or edited by supervising staff, publish to DigitalCommons@UMaine.



Selected Works

- ❖ Once all full-text documents have been entered into DigitalCommons@UMaine, the titles & metadata can be imported to the author's Selected Works page.



Any questions?

- ❖ Contact the department's Fogler Library Liaison (subject specialist)
- ❖ Call Fogler Library Tech. Support:
581-1692