

Casting a Wider Net

*Fishing in New (Data) Streams to Find the
Scholarship of Teaching and Learning
Wherever it Might be Hiding*

Margy MacMillan
Mount Royal University
2012 Symposium on the Scholarship of Teaching and Learning



Library

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Where does SoTL get disseminated?

- ➡ Articles in SoTL journals
- ➡ Articles in education journals
- ➡ Articles in discipline journals
- ➡ Conference proceedings
- ➡ Theses
- ➡ Books
- ➡ University newsletters

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What's the best way to find it?

- ➡ big 'umbrella' tools:
 - ➡ Google Scholar/Google Books
 - ➡ Mendeley
- ➡ education databases
- ➡ discipline databases

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Why Google Scholar?

- ➡ Searches across disciplines
- ➡ Searches every word
- ➡ Picks up what databases miss

Casting a wider net

Make the most of Google Scholar

- ➡ Check to see if your library has a link
- ➡ Use 'Preferences' to show your library's holdings
- ➡ Use 'Cited by' to expand your search
- ➡ "Quotes go around phrases" – also works for names
- ➡ Use allintitle: or intitle:
- ➡ Use advanced search tricks
- ➡ Set up alerts
- ➡ Keep track of keywords

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Searching Google

- ➡ Use allintitle:
- ➡ Use site:edu for US academic sites
- ➡ Use site:edu.au for Australian, site:ac.uk for UK
- ➡ Use this to search Canadian academic sites:

<http://tinyurl.com/cdnacademic>

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Searching education databases

- ➡ ERIC
- ➡ Education Research Complete
- ➡ Dissertation Abstracts

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Searching databases in your discipline

- ▶ Use terms beyond SoTL, e.g.
student* and “group work” and learn* and concept*
- ▶ Get to know which journals publish SoTL

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Searching Mendeley – <http://mendeley.org>

- ➡ Searching resources found and shared by others
- ➡ Search with statements like:
+teaching +mathematics +"group work"
title: teaching mathematics

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Using Mendeley

- ➡ Organize what you find
- ➡ Mark up your documents
- ➡ Cite relatively painlessly
- ➡ Share what you find across groups
- ➡ Disseminate your work

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Mendeley – Three part harmony

- ➡ Mendeley Web
- ➡ Mendeley Desktop
- ➡ Mendeley Cite-O-Matic

Mendeley Web

For finding, tagging and sharing materials

Mendeley Desktop

For working with citations and reference lists

Mendeley Cite-O-Matic

For citations and references

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Mendeley Web

- ➡ Download other pieces here – Desktop and Cite-O-Matic
- ➡ Dashboard – set up your profile
- ➡ My Library – what you've saved
- ➡ Papers – what everyone in Mendeley has saved

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My Library

- ➡ Filter and search by tags, authors, etc
- ➡ Access your PDFs and links
- ➡ Manage groups, add materials to groups
- ➡ Papers – what everyone in Mendeley has saved

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Mendeley Desktop

- ➡ Drag PDF files from your desktop into Mendeley and magic happens
- ➡ Clean up citation info, add notes and tags
- ➡ Open sources to add highlights and sticky notes
- ➡ Email annotated versions to colleagues
- ➡ Colleagues' annotations and notes appear in different colours
- ➡ Remember to synchronize as you go

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Mendeley Cite-O-Matic

- ➡ Lives in Word toolbar
- ➡ Insert citation takes you to Mendeley desktop to select source
- ➡ Insert bibliography adds references for everything you've cited
- ➡ Choose from a range of formats
- ➡ **YOU STILL HAVE TO CHECK YOUR CITATIONS**
 - but it's more accurate than most

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Making Mendeley work with Google Scholar

- ➡ This requires your Import to Mendeley button in the browser
- ➡ Search Google Scholar
- ➡ Click Import to Mendeley
- ➡ Import from this screen

You can also import from other databases but I find saving a PDF to the desktop and dragging it into Mendeley Desktop easiest.

More Mendeley info can be found on their site and here:

<http://libguides.ucalgary.ca/Mendeley> .

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Thank you!

Questions?

Margy MacMillan
Mount Royal University

2012 Symposium on the Scholarship of Teaching and Learning



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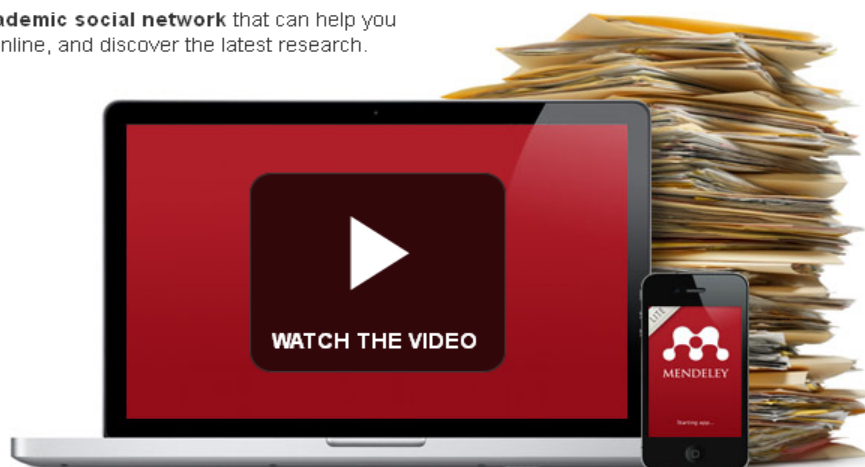
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Overview

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"What [Mendeley] are up to is boldly innovative. The Mendeley team is attempting nothing less than changing the way scientists conduct and share their research."

The New York Times

BBC

lifehacker

S^o ScienceBlogs™

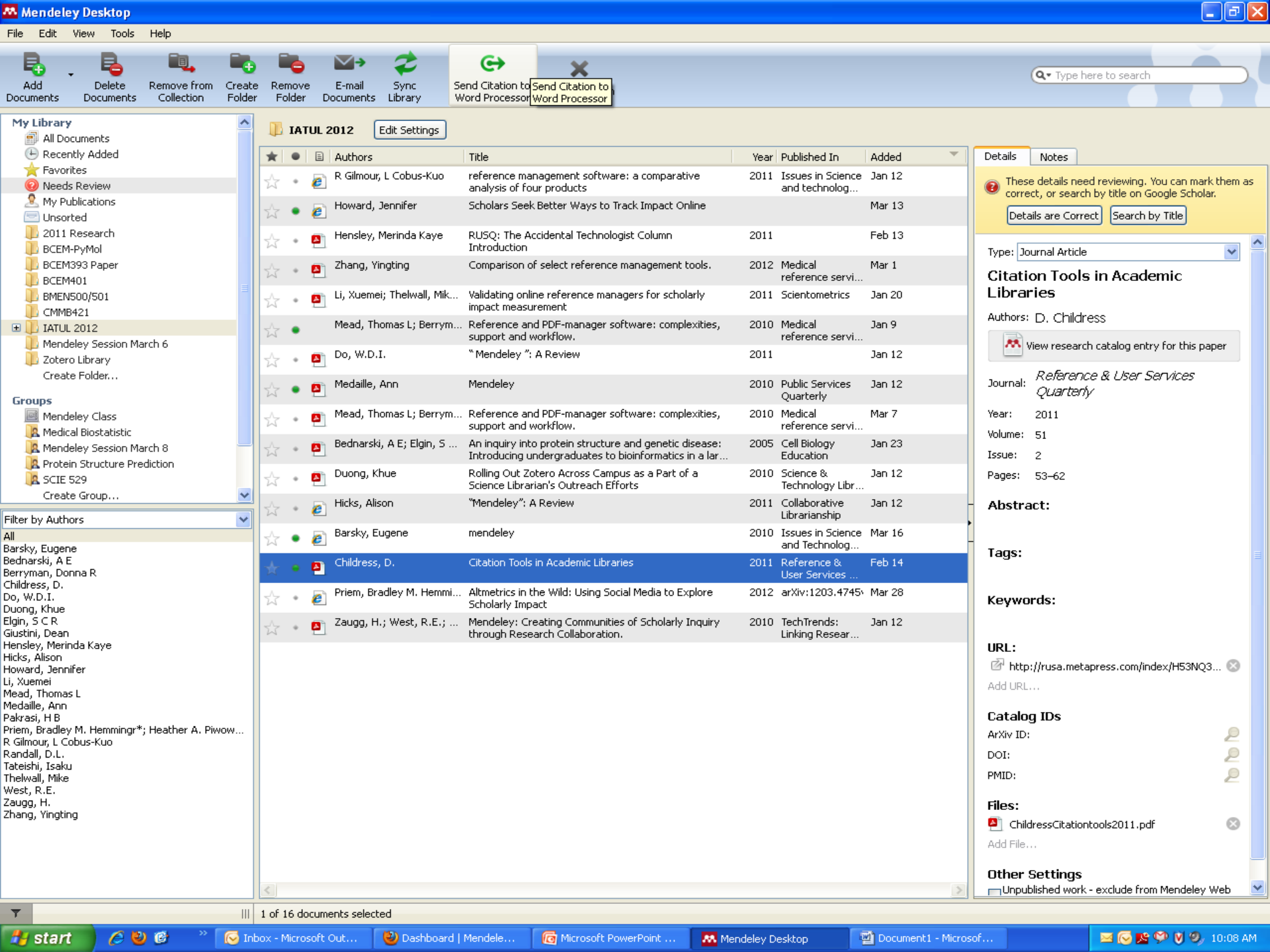
WIRED

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Papers



Biological Sciences

In this discipline: **12,459,724** papers · **8,872** groups

Mendeley [Biological Sciences](#)

Discipline summary

Biology is the study of life. It attempts to understand the structure, function, processes and evolution of living organisms and how they relate to their environment. Modern biology covers a wide variety of fields and is highly interdisciplinary, drawing on advances in areas such as computer science, mathematics, psychology. Because biology is such a broad subject, it is subdivided according to the ...

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Sub-disciplines

- | | |
|-------------------------------|------------------------------|
| A Agricultural Science | I Ichthyology |
| Algae | Immunology |
| Animal Behavior | L Limnology |
| Animal Physiology | M Marine Biology |
| B Biochemistry | Microbiology |
| Bioinformatics | Microscopy |
| Biometry | Molecular Biology |
| Biophysics | Mycology |
| Biotechnology | N Neurobiology |
| Botany | O Ornithology |
| C Cellular Biology | P Parasitology |
| E Embryology | Plant Sciences |
| Entomology | S Soil Sciences |
| F Food Science and Technology | V Veterinary Science |
| Forestry Science | Virology |
| G Genetics | Z Zoology and Animal Science |
| H Hydrobiology | |

Popular groups

Popular tags

- review
- Animals
- Humans
- evolution
- genomics
- cancer
- Male
- mice
- Female
- genome
- phylogeny
- gene expression
- Molecular Sequence Data
- methods
- signal transduction
- Base Sequence
- RNA
- DNA
- Amino Acid Sequence
- Models- Biological

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Jonathan Eisen, Ph.D.

Professor, University of California, Davis
Davis, California, United States

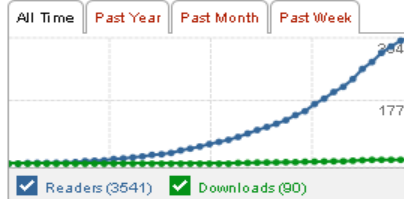
Research field: **Biological Sciences - Microbiology**

Evolution, genomics, DNA repair, symbioses, metagenomics, microbiology, halophiles, archaea, phylogeny, novelty, microbial communities, host-microbe interactions, phylogenetics, forensics, bioinformatics, computational biology, microbiomes, ecology, micr

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Publications

Journal Article (192)

David P. Mindell, Brian L. Fisher, Peter Roopnarine et al. (2011) Aggregating, Tagging and Integrating Biodiversity Research, e19491. In *PLoS ONE* 6 (8).
<http://dx.plos.org/10.1371/journal.po...>

James Angus Chandler, Jenna Morgan Lang, Srijak Bhattacharya et al. (2011) Bacterial Communities of Diverse *Drosophila* Species: Ecological Context of a Host-Microbe Model System, e1002272. In *PLoS Genetics* 7 (9).
<http://dx.plos.org/10.1371/journal.pg...>
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Amrita Pati, Sabine Gronow, Ahmet Zeytun et al. (2011) Complete genome sequence of *Bacteroides salanitronis* type strain (P 36-108)., 45-53. In *Standards in genomic sciences* 4 (1).
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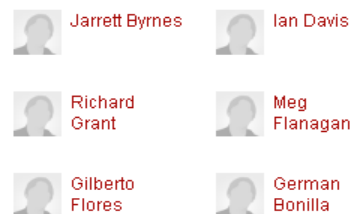
Sabine Gronow, Brittany Held, Susan Lucas et al. (2011) Complete genome sequence of *Bacteroides salanitronis* type strain (BL78)., 191-9. In *Standards in genomic sciences* 4 (2).
<http://www.pubmedcentral.nih.gov/arti...>
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Sam Pitluck, Johannes Sikorski, Ahmet Zeytun et al. (2011) Complete genome sequence of *Calditerrivibrio nitroreducens* type strain (Yu37-1)., 54-62. In *Standards in genomic sciences* 4 (1).
<http://www.ncbi.nlm.nih.gov/pubmed/21...>
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Birte Abt, Megan Lu, Monica Misra et al. (2011) Complete genome sequence of *Cellulophaga algicola* type strain (IC166)., 72-80. In *Standards in genomic sciences* 4 (1).
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Advances in Drug Delivery

Brian P Timko, Kathryn Whitehead, Weiwei Gao, Daniel S Kohane, Omid Farokhzad, Daniel Anderson, in Annual Review of Materials Research (2011)

Transdermal **delivery** of pharmacologically active agents has been extensively studied for the past 40 years. Despite the strong efforts, currently, only about 40 products are in market on about 20 **drug** molecules, due...

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Biomedical Imaging and Drug Delivery

Joseph Della Rocca, Demin Liu, Wenbin Lin in Accounts of Chemical Research (2011)

focused on their use as **delivery** vehicles for imaging contrast agents and molecular therapeutics. Because NMOFs can carry large amounts of paramagnetic metal ions, they have been extensively explored as magnetic resonance imaging...

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Polymeric Conjugates for Drug Delivery

Nate Larson, Hamidreza Ghandehari in Chemistry of Materials (2011)

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Advanced Drug Delivery Reviews

Jason R McCarthy, Ralph Weissleder in Advanced Drug Delivery Reviews (2011)

for potential use in regenerative therapies or **drug** screening and testing. As the techniques for generation of iPSC lines are constantly evolving, new uses for human iPSC are emerging from in-vitro disease modeling to high...

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