

HOW LIBRARY PUBLISHERS AND OPEN SOURCE TOOLS CAN RESHAPE ACADEMIC PUBLISHING

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Library Publishing Forum | Vancouver, BC | May 9, 2019



Image credit: [Michael Beckwith](#)



1. The Value of Publishers

Disruptive changes to historical publishing processes & their implications.

PUBLISHING PRINT BOOKS WAS DIFFICULT & COSTLY



For most of human history, making even one copy of a print book has been costly. Printing required significant capital outlays, technical expertise, skilled labor, & time.

Image credit: Jan Van Der Street, [Wellcome Collection](#).



[Ancient View of a Dutch Printing-Office.]



THE VALUE OF PUBLISHERS



Publishers have historically provided value in 3 broad ways:

- 1. EDITORIAL ROLE:** Find, acquire, develop & prepare new material.
- 2. PRODUCTION ROLE:** Provide capital, assume risk, & oversee production.
- 3. DISTRIBUTION ROLE:** Bring books to market (publicize, advertise, sell).

Image credit: Renate & Roger Rössing, [Deutsche Fotothek](#)

SCHOLARLY PUBLISHING & THE ROLE OF PUBLISHERS



Scholarly publishing is unusual.

- 1. EDITORIAL ROLE:** Professional organizations & learned societies often provide peer review
- 2. PRODUCTION ROLE:** Digital tools and print-on-demand services change workflows & economics of printing
- 3. DISTRIBUTION ROLE:** Little market outside of libraries & group #1

Elise Schimke photographed with a copy of her photo book, "Libraries of UW-Madison."
Image credit: Jeff Miller, [UW-Madison](#)



\$28,747

Average “basic” cost to produce a scholarly monograph in 2014 [n=382].
Print production, warehousing & distribution costs *not* included.

\$4,020 – \$7,872

Average cost per monograph for **production & design** alone.

\$431,955

Average marketing department overhead, per press [n=20].

Source: 2016 Ithaka S+R report, [“The Costs of Publishing Monographs: Toward a Transparent Methodology”](#)

Three Noteworthy Findings

SMALL IS BEAUTIFUL

The working hypothesis ... was that larger presses would demonstrate a lower per-book cost ... due to the economic benefits of scaling. Based on the data contributed by the individual presses, the small university presses ... have been able to produce monographs at a lower cost than the other[s].

EDP IS OUTSOURCED

Throughout the Editorial, Design, and Production (commonly referred to as EDP) functions, we observed the greatest amount of outsourcing. Almost all (if not all) presses engage in some amount of freelance outsourcing in these stages.

Source: [“The Costs of Publishing Monographs”](#)

DOUBT DIGITAL QUALITY

The need to control quality – particularly with respect to aesthetics – was ... a binding constraint. Several interviewees noted they would not embrace a fully OA environment, or even a fully digital environment, because they perceived that this would compromise the visual aspect(s) of the content.

A provocation



Making printed objects digital is more costly than printing digital objects.

Academic publishers, even those most committed to open access, are still often set up to make print objects first with web/digital as an afterthought.

What if we envisioned book publishing differently?



2. Pressbooks

Open Publishing. Open web. Open source.



Pressbooks is an online book publishing platform that makes it easy to generate clean, well-formatted books in multiple outputs. It is built on WordPress and is [open source](#).



— **Hugh McGuire**, Pressbooks founder

Welcome to the Rebus Press

Find, create, and collaborate on books created by the Rebus Community

FIND A BOOK

The Rebus Press is a Pressbooks network available to members of the [Rebus Community](#) producing CC BY licensed open textbooks.

You can [email us](#) to learn more.

[BROWSE CATALOGUE](#)

CREATE A BOOK

Rebus Projects is a custom-built platform that guides open textbook projects through the publishing workflow and makes it easy to find, recruit, and organize collaborators.

Find a project you can help, or start one of your own.

[GET STARTED](#)

Above: Each Pressbooks instance is a centrally-managed network of books. The Rebus Press network lives at <https://press.rebus.community/>

Filter by Subject ▲

All Subjects ✓

Biography, Literature & Literary studies ▼

Economics, Finance, Business & Management ▼

History & Archaeology ▼

Filter by License ▲

All Licenses ✓

CC BY

Sort by ▲

Title ✓

Subject

Latest

CLEAR FILTERS

A Guide to Making Open Textbooks with...

About this book →

An Open Approach to Scholarly Reading...

Publishing & book trade

About this book →

Antología abierta de literatura hispana

Comparative literature

About this book →

Authoring Open Textbooks

About this book →

Blueprint for Success in College and...

About this book →

Blueprint for Success in College: Career...

About this book →

Blueprint for Success in College:...

About this book →

Financial Strategy for Public Managers

Public finance accounting

About this book

History of Applied Science &...

History

Above: Each Pressbooks network features a **sortable catalog** of publicly listed books

5 Publishing Efficiencies Pressbooks Provides



1. Easy content import & API for books [cloning!]
2. Licensing control down to chapter level
3. Supports fully interactive, web-first publishing
4. Simple export routines [EPUB, PDF, XML, more]
5. Detailed control over print PDF production

1

Import

Maximum file size: 25M

Import Type

Import Source

EPUB (.epub)

Microsoft Word (.docx)

OpenOffice (.odt)

Pressbooks/WordPress XML (.wxr or .xml)

Web page or Pressbooks webbook (.html or URL)

Import from URL

[Begin Import](#)

At left: Pressbooks import page.
We support importing content from several different digital file formats.

1

Clone

Enter the URL to a Pressbooks book to clone it.

Source Book URL

Target Book URL

Target Book Title

Optional. If you leave this blank, the title of the source book will be used.

At left: Pressbooks cloning routine. Any public, openly licensed book can be quickly cloned from one Pressbooks network to another.

2

Chapter Metadata

Chapter Short Title (appears in the PDF running header and webbook navigation)

Chapter Subtitle (appears in the Web/ebook/PDF output)

Chapter Author(s)

Create New Contributor

Chapter Copyright License (overrides book license on this page)

Chapter Digital Object Identifier (DOI)

Visual

Text

At left: Licensing and authorship options at the book and chapter level.

3

Publishing Webbooks

Each webbook has its own URL. Books can have unique themes, licenses, and permissions. Each book homepage includes:

1. Title, author, description, license
2. Cover image
3. Download options
4. Table of contents
5. Additional metadata [not shown]

The screenshot shows the homepage for the book "Principles of Social Psychology - 1st International Edition" by Dr. Charles Stangor, Dr. Hammond Tarry, and Dr. Rajiv Jhangiani. The page features a dark background with white text. A blue circle with the number "1" points to the authors' names and a description: "Helping students organize their thinking about social psychology at a conceptual level." A blue circle with the number "2" points to the Creative Commons Attribution NonCommercial ShareAlike license icons and the "READ BOOK" button. A blue circle with the number "3" points to a dropdown menu titled "Download this book" which lists options: EPUB3, EPUB, Digital PDF, Print PDF, and MOBI. A blue circle with the number "4" points to the "CONTENTS" section, which includes a "SHOW ALL CONTENTS" button and a list of chapters with expand/collapse icons (+/-): Acknowledgments, Acknowledgements: eCampusOntario, Preface, 1. Introducing Social Psychology, 2. Social Cognition, 3. The Self, 4. Attitudes, Behavior, and Persuasion, 5. Perceiving Others, and 6. Influencing and Conforming.

3

Organizing a Book

Books include front & back matter, parts, & chapters and have a drag-and-drop chapter organization interface.

Individual chapters can be published/hidden from the web and included/excluded from exports separately.

This book's global privacy is set to **PUBLIC**

- Public** — Promote your book, set individual chapters privacy below.
- Private** — Only users you invite can see your book, regardless of individual chapter visibility below.

A Guide to Making Open Textbooks with Students [Front Matter](#) [Chapters](#) [Back](#)

[Matter](#) [Parts](#) [Glossary](#)

Word Count: 24040 (whole book) / 24040 (selected for export)

Front Matter	Authors	Show in Web	Show in Exports	Show Title
Introduction	Liz Mays	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contributors Edit Trash View Move Up	—	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Add Front Matter				
Open Pedagogy	Authors	Show in Web	Show in Exports	Show Title
Open Pedagogy	Robin DeRosa and Rajiv Jhangiani	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Project Ideas & Case Studies	Authors	Show in Web	Show in Exports	Show Title
Creating an Open Textbook Edit Trash View	—	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Case Study: Frank Lloyd Wright and His Madison Buildings	Anna Andrzejewski and Steel Wagstaff	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Case study: Antología Abierta de Literatura Hispánica	Julie Ward	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

3

Publication History

This short poem was probably written in 1941 and was included in Niedecker's first book, *New Goose*, published in 1946 by the Press of James A. Decker. One of Niedecker's favorite poems, she also included it her second book, *My Friend Tree* published in 1961 by The Wild Hawthorn Press in **Edinburgh, Scotland** as well as both of the collected editions of her work that appeared during her lifetime: *T&G: The Collected Poems, 1936-1966*, published in 1969 by Jonathan Williams' The Jargon Society, and *My Life By Water: Collected Poems 1936-1968*, published by Stuart and Deidre Montgomery's Fulcrum Press in London in 1970.

Black Hawk held: In reason
land cannot be sold,
only things to be carried away,
and I am old.

Young Lincoln's general moved,
pawpaw in bloom,
and to this day, Black Hawk,
reason has small room.

POST POEM QUIZ:

Above: A [Pressbooks webbook](#) with the Hypothesis annotation layer enabled. Both the book & annotation layer can contain links, images, rich media, and more. Private annotation layers can be used for editorial review.

> Public -

1

2

14

1

1 min

Public

steelwagstaff
Public
Apr 14, 2017

Wow. I never knew this. I grew up *eating* Paw paw. Here's a video I found explaining different ways to cut and eat them!

How to Cut and Serve Pa...

Public

steelwagstaff
Public
Apr 14, 2017

I also found this great website with all kinds of recipes and advice for eating/cooking with paw paws: <http://www.serious-eats.com/2014/09/what-are-pawpaws-wild-fruit-mid-west-how-to-prepare-and-eat-pawpaws.html>

Public

Niedecker inherited property from her father, but hated being a landlord. She wrote often about his dislike of owning property, including in her short poem "Foreclosure". You can hear her read this poem at Pennsound:

0:00 / 0:21

Export



You can select multiple formats below. Pressbooks keeps the last 3 exports of each file format. You can pin specific files to make sure they don't get deleted.

Export Options

Supported formats:

- PDF (for print)
- PDF (for digital distribution)
- EPUB (for Nook, Apple Books, Kobo etc.)
- MOBI (for Kindle)

Other formats:

- EPUB 3
- XHTML
- HTMLBook
- OpenDocument
- Pressbooks XML
- WordPress XML
- Common Cartridge 1.3

Your Theme: McLuhan 2.8.0

[Change Theme](#)

[Theme Options](#)

EXPORT YOUR BOOK

Latest Exports

Bulk Actions ▾ [Apply](#)

<input type="checkbox"/>	File	Format	Size	Pin	Date Exported
<input type="checkbox"/>	A-Guide-to-Making-Open-Textbooks-with-Students-1551799104.epub	EPUB	1.09 MB	<input type="checkbox"/>	2019-03-05 15:18
<input type="checkbox"/>	A-Guide-to-Making-Open-Textbooks-with-Students-1551799112.mobi	MOBI	2.46 MB	<input type="checkbox"/>	2019-03-05 15:18
<input type="checkbox"/>	A-Guide-to-Making-Open-Textbooks-with-Students-1551799116_print.pdf	Print PDF	2.98 MB	<input type="checkbox"/>	2019-03-05 15:18

At left: Pressbooks export page. We support one-click creation of nearly a dozen different formats.



PDF Options

These options apply to PDF exports.

Body Font Size

9 pt

Heading sizes are proportional to the body font size and will also be affected.

Body Line Height

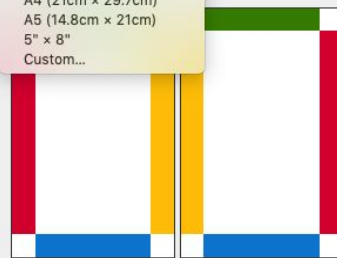
1.555 em

Page Size

- Digest (5.5" x 8.5")
- US Trade (6" x 9")
- ✓ US Letter (8.5" x 11")
- Custom (8.5" x 9.25")
- Duodecimo (5" x 7.75")
- Pocket (4.25" x 7")
- A4 (21cm x 29.7cm)
- A5 (14.8cm x 21cm)
- 5" x 8"
- Custom...

Margins

Margins are defined using the fields below.



- Outside Margin
- Inside Margin
- Top Margin

Outside Margin

1in

Margins must be expressed in CSS-compatible units, e.g. '8.5in' or '10cm'.

Inside Margin

1in

Margins must be expressed in CSS-compatible units, e.g. '8.5in' or '10cm'.

Top Margin

1in

Margins must be expressed in CSS-compatible units, e.g. '8.5in' or '10cm'.

Bottom Margin

1in

Margins must be expressed in CSS-compatible units, e.g. '8.5in' or '10cm'.

Hyphens

Enable hyphenation

Paragraph Separation

- Indent paragraphs
- Skip lines between paragraphs

Section Openings

- Left or right page section opening (for print PDF)
- Right page section openings (for print PDF)
- No blank pages (for web PDF)

Table of Contents

Display table of contents

Crop Marks

Display crop marks

Footnote Style

- Regular footnotes
- Display as chapter endnotes

Widows

2

Orphans

1

Running Heads & Feet

Running content appears in either running heads or running feet (at the top or bottom of the page) depending on your theme.

Front Matter Left Page
Running Content

Front Matter Title

%section_title%

Front Matter Right Page
Running Content

Front Matter Title

%section_title%

Introduction Left Page
Running Content

Introduction Title

- Book Title
- Book Subtitle
- Book Author
- ✓ Introduction Title
- Introduction Author
- Introduction Subtitle
- Blank
- Custom...

Introduction Right Page
Running Content

Introduction Title

Part Left Page Running
Content

Part Title

%part_title%

Part Right Page Running
Content

Part Title

%part_title%

At left: Pressbooks PDF export theme options.



3. Rebus Community

Making books to build communities, building communities to make books

Rebus Community Mission



To build a global community (people, practices, tools) that works together to create, publish, adapt, & maintain open educational resources and open textbooks.

Rebus Community History

We've worked the past two years with a group of about 35 selected open textbook projects, developing a model – process, tools, people, openness – for publishing open textbooks.

Rebus Community Future

We're now starting to scale up, preparing to support any OER project that wants to work with us (for free), and providing more robust support to institutions (for fees).

Our Job

1.

Provide the framework & infrastructure needed for individual authors & teams to successfully publish their OER projects.

2.

Make it easier for program administrators to support successful OER publishing projects on their campuses.



publisher (n.)

mid-15c., "one who announces in public."

Image Credit: [S.N. Cook](#)

Rebus Services for Anyone Making OER

1. A home page on the web for your OER project
2. Platform for building and collaborating with a team
3. Process for publishing
4. Documentation, explanations, help desk
5. Orientation webinars for new projects
6. Platform for formatting & publishing content in, PDF, ebook, web (Pressbooks)*
7. (soon) Print-on demand and ebook distribution

* *free for 2 books per institution, then cost for use*

Paid Rebus Services for Institutions

1. A customized 12-session publishing training program for cohorts of OER projects
2. Ongoing webinar check ins with the cohort
3. Premium Rebus staff support for projects/questions
4. *Optional:* Platform for formatting & publishing content (Pressbooks)
5. *Optional:* (soon) print-on demand & ebook distribution

Publishing-ish Things Rebus Will Not Do

1. Gatekeeping
2. Editorial input
3. Adverts in the *New York Times*
4. Organize book tours



Interested?

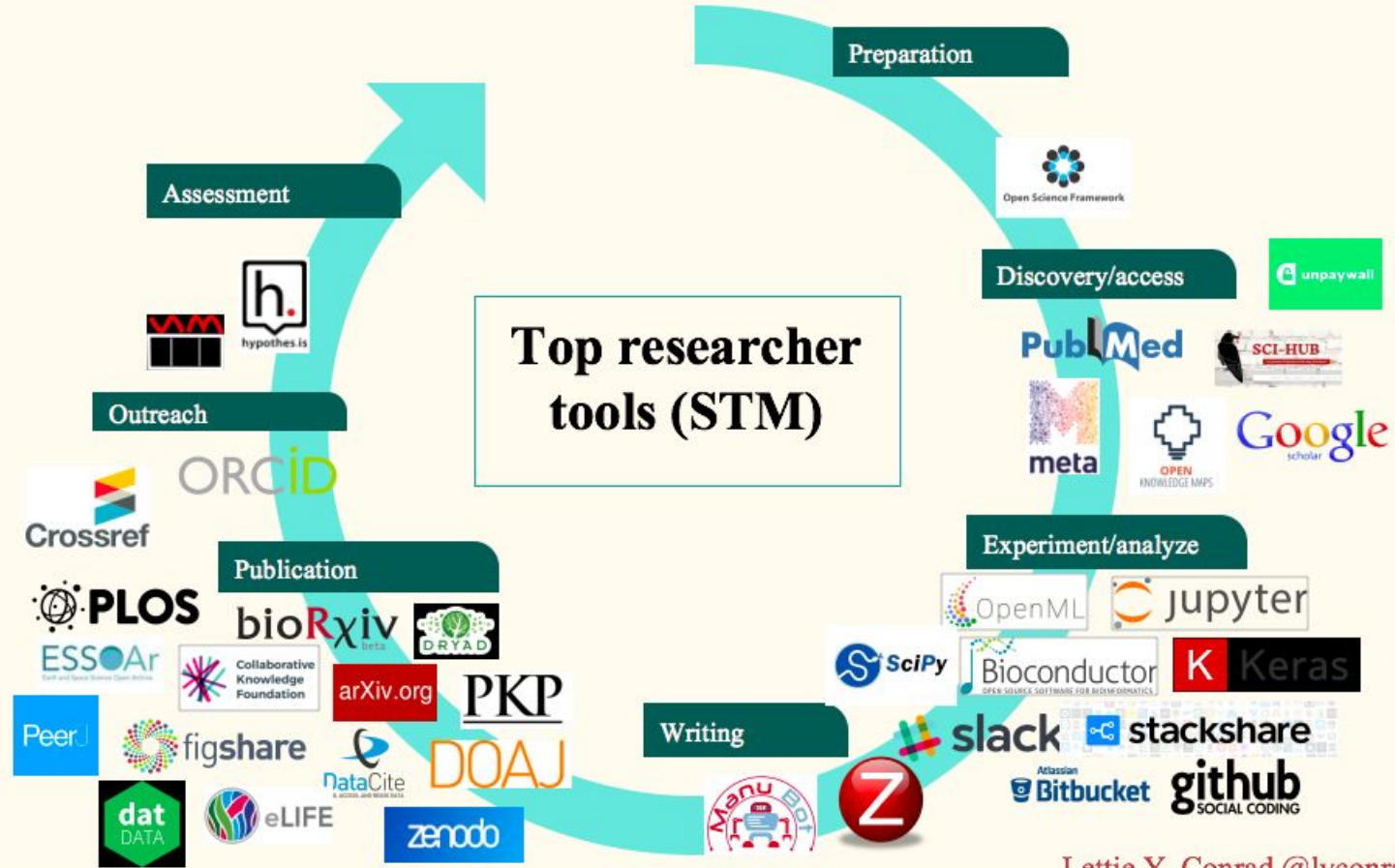
<https://rebus.community>
hugh@rebus.foundation

Image Credit: [Dutch National Archive](#)



4. PubPub + Hypothesis

Creating Communities, Imagining Different Knowledge Futures



Lettie Y. Conrad @lyconrad

PubPub

- Reconsider the digital reading experience to understand how people read & why they engage with content
- Explore where and how publishers can provide value throughout and after the publishing process
- Support the development and evolution of new ideas for authors and readers
- Introduce transparency & openness in the drafting and review process



JoDS

Journal of
Design and Science
MIT Media Lab
Published by the MIT Press

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The worlds of Design and Science are inextricably linked.

Science is informed by Design.

Design is a science.

The interactions between the two are powerful, subtle, often unrecognized.

The *Journal of Design and Science (JoDS)*, a joint venture of the MIT Media Lab and the MIT Press, forges new connections between science



3. Resisting Reduction

Our new issue looks at designing a complex and unknowable future with machines. What if the promise of AI is not a question of humans versus machines but one of intelligence augmentation in collaboration with machines? Can you envision a new approach to increase human flourishing informed by cybernetics, systems dynamics, and complex systems that resists the reductionist paradigms we currently use?



Resisting Reduction: A Manifesto by JoCKN BC



How to Become a Centaur by Nicky Case



Inviting Feedback by Pip Malabar



Line-Drawing Exercises: Autonomy and Automation by John Patney



big idea Famine by Nicholas Negroponte

Essay Competition

The MIT Press and the MIT Media Lab announce a call for essays on the topic of resisting reduction, broadly defined, for the Journal of Design and Science. Essays should be in conversation with JoCKN's manifesto, "Resisting Reduction," and the articles, also on this theme, published in the third issue of JoDS.

In support of open access scholarship and the free exchange of ideas, JoDS will award up to ten authors \$10,000 each for chosen essays. Selections will enter a Creative Commons



knowledge futures group

Explore 300+ communities: [PubPub.org/explore](https://pubpub.org/explore)

PubPub

PubPub is the primary open access, online publishing platform for the MIT Press. It is optimized for discussion around journals and books, with real-time collaborative editing, versioning, instant publishing, continuous review, annotation, and discussion. Teams can review published works privately or publicly, before or after publication.

The Journal of Design and Science is the most active journal on the platform, bringing together comments and essays from many traditional disciplines. *Frankenbook*, an interactive edition of *Frankenstein*, is one of the first books published this way. Classroom and reading group discussions exist in conversation with annotations from experts.

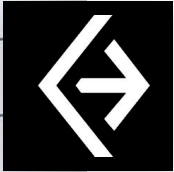
All code is open source, and a number of services have been built on top, including hosting, content delivery, image resizing, and automated backups.





Open Review





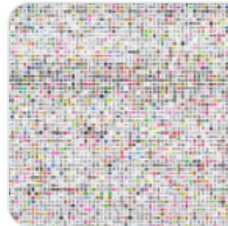
Catherine D'Ignazio

@kanarinka

Follow



I'm thrilled to announce the first draft publication of DATA FEMINISM - a book by myself and @laurenklein for @mitpress. We published this first draft on @pubpub and welcome your comments and suggestions as part of our open review process.



Data Feminism · MIT Press Open

bookbook.pubpub.org

9:54 AM - 6 Nov 2018

330 Retweets 759 Likes



35

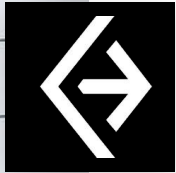


330



759





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Introduction



Intersectional feminism isn't just about women nor even just about gender. Feminism is about power – who has it and who doesn't. And in a world in which data is power, and that power is wielded unequally, data feminism can help us understand how it can be challenged and changed.

by Catherine D'Ignazio and Lauren Klein

Updated Jan 12, 2019 (5 Older Versions) ▾ 171 Discussions (#public) 2 Contributors

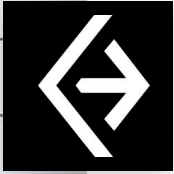
You are viewing a saved version [Go to Working Draft](#)

This chapter is a draft. The final version of *Data Feminism* will be published by the MIT Press in 2019. Please email [Catherine](#) and/or [Lauren](#) for permission to cite this manuscript draft.

- ### Contributors
-  **Catherine D'Ignazio**
Assistant Professor, Emerson College
 -  **Lauren Klein**
Associate Professor, Georgia Tech

Introduction

Christine Mann Darden first passed through the gates of NASA's Langley Research Center, in Hampton, Virginia, in 1967. In the city of Hampton, and across the United States, tensions were running high. In Los Angeles that June, a massive protest against the Vietnam War ended in violence when over a thousand armed police officers attacked the peaceful protestors, sparking national outrage. One month later, in July of that year, even more violence



Lauren Klein

@laurenklein

Follow

Just finished going through all of the community review comments for #DataFeminism and seriously, our community is filled with such smarties. Smarties who are also kind and generous and well-read beyond belief. THANK YOU ❤️🔥 cc @kanarinka

3:02 PM - 15 Jan 2019

2 Retweets 64 Likes



2 2 64

PubPub Retweeted



GIJN @gijn · Apr 26

#Data #feminism goes beyond gender. In a book on the topic, @kanarinka & @laurenklein discuss how feminism, ultimately, is about power. They also talk about the consequences of that power and how it can be challenged & changed. In Top 10 #ddj @pubpub buff.ly/2VIG3bN



6 12



Andrew Piper @akpiper · Jan 15

Replying to @laurenklein @kanarinka

I've assigned it for my #DH grad course, will it still be up in a few weeks? And if only everyone was "generous" academia would be a better place :)

1 6

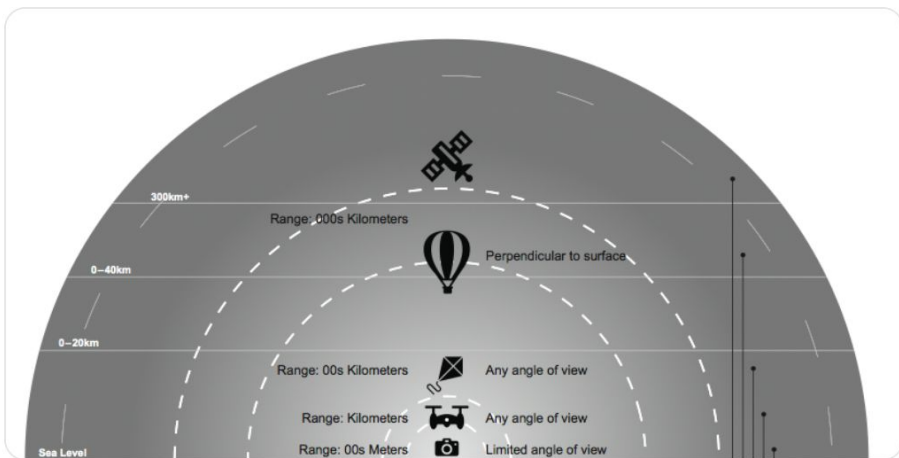
PubPub Retweeted



Austin Choi-Fitz @achoifitz · Feb 19

My new book #TheGoodDrone is forthcoming @MITPress. We're inviting anyone to comment before it goes to press (thx @PubPub). Let's democratize the review process on #movements #humanrights #technology!

thegooddrone.pubpub.org// Here's the TL;DR for the book, in a thread [1/7]



3

15

23



PubPub Retweeted



New Books Network @NewBooksNetwork · Mar 19

@achoifitz's new **THE GOOD DRONE** (@mitpress), is undergoing a Massive Online #PeerReview Process. On this #podcast he explains to @gsantosfelipe how #MOPR & #OpenAccess work and how these initiatives can contribute to the democratization of knowledge.

newbooksnetwork.com/discussion-of-...



1

12

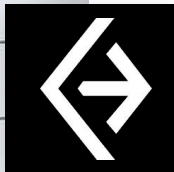
12





Annotation & Engagement





DUKE UNIVERSITY

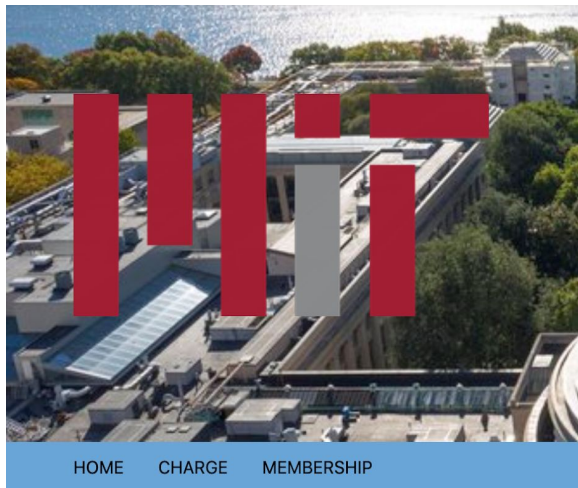
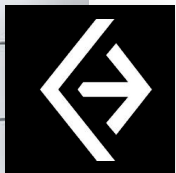
LIBRARIES

A FRAMEWORK FOR LIBRARY SUPPORT OF EXPANSIVE DIGITAL PUBLISHING



This report offers a framework for how libraries can begin to embrace their role in the maturing space of digital humanities publishing, particularly as they seek to support what we call “expansive digital publishing” — challenging digital publications that can span disciplinary and institutional boundaries; use many different technologies; have multiple scholarly outputs; grow over time; operate over the long-term or are multi-phase; aim to engage with multiple audiences; and, in general, use digital tools and methods to explore or enable scholarship that would be more difficult to achieve through traditional publishing.

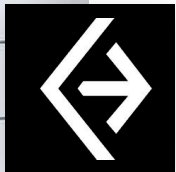
This project grew out of an effort to support a series of “expansive” publications at Duke University Libraries. With support from the Andrew W. Mellon Foundation, we invited a wide range of stakeholders in digital scholarly publishing to workshop these ideas and help us articulate many of the issues outlined in this report. Our exploration included how libraries can work with a network of presses, humanities institutes, and foundations to support expansive digital publishing from start to finish, including how to address planning; resource allocation; discovery; evaluation; and preservation and sustainability.



MIT Open Access Task Force

In July 2017, Provost Martin Schmidt, in consultation with the vice president for research, the chair of the faculty, and the director of the libraries, appointed an ad hoc task force on open access to MIT's research. The OA task force is coordinating an Institute-wide discussion of ways in which current policies and practices might be updated or revised to further MIT's mission of disseminating the fruits of its research and scholarship as widely as possible.

In Sept 2018, the OA task force released a white paper examining efforts at MIT, in the United States, and in Europe to make research and scholarship openly and freely available. The paper provides a backdrop to the ongoing work of the task force: identifying new, updated, or revised open access policies and practices.



Stanford
JOURNAL OF BLOCKCHAIN
LAW & POLICY

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VOL. 2 NO. 1

Article



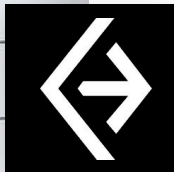
The Persistence of "Dumb" Contracts

by Jeffrey M. Lipshaw, Professor at Suffolk University Law School

Jan 05, 2019 Updated: Jan 21, 2019



This Article is an exploration of the similarities and differences, for lawyers, not just of language and code, but also those aspects of human thinking and interaction that will continue to be the most difficult to replicate on a machine.



English-Language Volume Section 1

Go To Working Draft

Options

Share

The Sound of Theater: Crowds, Acoustics, Oration

by Juliette Cherbuliez

🔒 Updated Mar 07, 2019 (6 Older Versions) ▾ 2 Discussions (#public) 1 Contributor

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Go to Working Draft

One of my first impulses in examining the CRFP and in perusing the registers' digitized pages, was to imagine a performance. The impulse to imagine came from the peculiar way the registers' printed categories work with the manuscript numbers that were added to each page on a daily basis. Like any form, the general categories—*Billets à* repeated at the top; *Frais journaliers... Pensions, Cages, &c...* following reliably below. They visually anchor the numbers that change regularly: tickets sold, price of places, dates of performances. Balancing the impulse to attempt a close reading of them with a fear of the perils of calculation, I instinctively took something like a formalist-performance approach to understanding the pages and pages of digits which

- I. Why Sound?
- II. The Imperfect Archive
- III. Sound Archive as Quasi-Object
- IV. The Uncertain Laboratory
- V. Toward an Ambiguity-driven Model f...
- VI. The example of Athalie: a thoroughl...
- VII. The Sounds of Athalie, and despite...
- Conclusion: May the Uncertainties of t...
- Notes

Contributors



Juliette Cherbuliez



FRANKENBOOK

- Edition for the 200th anniversary (2018) of Mary Shelley's Frankenstein published by the MIT Press in 2017
- Frankenbook published in January 2018 on PubPub
- Additional annotations from the editors
- Multimedia embeds in the text and annotation
- Labels added to annotations for tailored reading
- Functionality for use in classrooms
- Community discussion around the text
- Currently has 420 discussions and over 7,000 visits



Preface

The event on which this fiction is founded has been supposed, by Dr. Darwin, and some of the physiological writers of Germany, as not of impossible occurrence. I shall not be supposed as according the remotest degree of serious faith to such an imagination; yet, in assuming it as the basis of a work of fancy, I have not considered myself as merely weaving a series of supernatural terrors. The event on which the interest of the story depends is exempt from the disadvantages of a mere tale of spectres or enchantment. It was recommended by the novelty of the situations which it develops; and, however impossible as a physical fact, affords a point of view to the imagination for the delineating of human passions more comprehensive and commanding than any which the ordinary relations of existing events can yield.

I have thus endeavoured to preserve the truth of the elementary principles of human nature, while I have not scrupled to innovate upon their combinations. The *Iliad*, the tragic poetry of Greece,—Shakespeare, in the *Tempest* and *Midsummer Night's Dream*,—and most especially Milton, in *Paradise Lost*, conform to this rule; and the most humble novelist, who seeks to confer or



Jason Scott Robert: Erasmus Darwin (1731–1802), a friend of Ma...



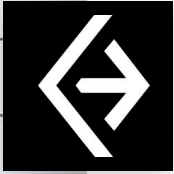
C M: As a work of negative romanticism, it is i...



Ashley Lopez: In the book the thematic topic alienations ...



abigail galloway: Hi my name's Abby and I go to newtech. My ...



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Welcome

Visible Thinking is an online, multimedia publication of [Duke University](#) that features the faculty-mentored work of our undergraduates across the full spectrum of majors, certificates, and other interdisciplinary and immersive activities that anchor research experiences. A hallmark of Duke's undergraduate liberal arts education is a faculty-mentored scholarly experience. Our students traverse a rich array of research opportunities domestically and internationally, engaging every major area of knowledge production.

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Collaboration

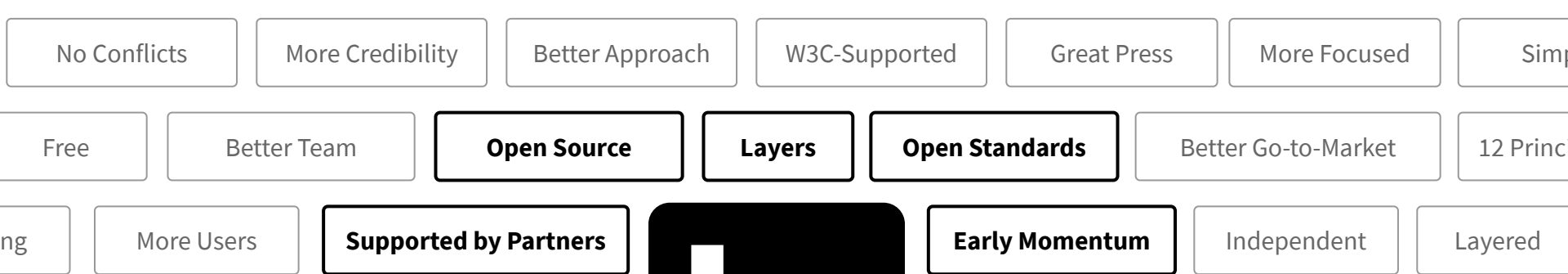
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1

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HYPOTHESIS BOOKMARKLET

3

Start annotating.

Go to any page (or open a PDF or EPUB file in your browser), select text, and annotate.



Publishing Examples

Open Groups

The image shows a screenshot of a research article on the eLife website. The article title is "Ribosome structures to near-atomic resolution from thousand cryo-EM particles". The authors listed are Xiao-chen Bai, Israel S Fernandez, Greg McMullan, and Sjors HW Scheres. The article is categorized under "STRUCTURAL BIOLOGY AND MOLECULAR BIOPHYSICS" and is a "RESEARCH ARTICLE" published on Feb 19, 2013. The page includes a navigation menu, social media sharing icons, and a right-hand sidebar with annotations. A dark banner at the bottom of the page contains the source URL: "Source: https://elifesciences.org/articles/04889".

eLIFE

ABOUT LABS COMMUNITY

MENU HOME MAGAZINE

STRUCTURAL BIOLOGY AND MOLECULAR BIOPHYSICS

Ribosome structures to near-atomic resolution from thousand cryo-EM particles

[f](#) [t](#) [e](#) [v](#)

Xiao-chen Bai, Israel S Fernandez, Greg McMullan, Sjors HW Scheres

Medical Research Council Laboratory of Molecular Biology, United Kingdom

RESEARCH ARTICLE Feb 19, 2013

CITED 234 VIEWS 10,258 ANNOTATIONS 6 CITE AS: eLife 2013;2

Article

Figures and data

Side by side

Jump to

Abstract

Although electron cryo-microscopy (cryo-EM) single-particle analysis has become an important tool for structural biology of large and flexible macromolecular assemblies, the technique has not yet reached its full potential because of fundamental limits imposed by radiation damage, poor detection efficiency, and induced sample movement have been shown to degrade attainable resolutions. A new generation of direct electron detectors may ameliorate both effects. Apart from exhibiting improved signal-to-noise performance, these cameras are also fast

Annotations 5 Page Notes 1

Xiao-chen Bai Jan 3

Using a newly developed statistical movie processing approach to compensate for beam-induced movement. ... [More](#)

Hi eLife readers: I am Xiaochen Bai, an Assistant Professor from UT Southwestern Medical Center. I am the first author of this paper. The sentence I highlight is the key point in this research paper. By employing the recent developed direct electron detector that has fast read-out, we can realign the ribosome particles from each movie frame to correct the beam induced motion. As a result, the resolution improved significantly for both of 70S and 80S ribosome. 2 months later, Xueming Li from Yifan Cheng's lab published another fantastic paper describing how motion correction could help improve the resolution for 20S proteasome. There are some differences between our and Xueming's work. In our work, the motion for each particles are corrected individually, whereas in Xueming's work, the motion for each image is corrected as whole. Both approaches have advantages and disadvantages. Some later work showed that combining both approach can lead to the best cryo-EM reconstruction.

Xiao-chen Bai Jan 3

we collected an entire data set as tilted pairs and used tilt-pair analysis to experimentally assess alignment errors for video frames

Sjors HW Scheres

RESEARCH ARTICLE

Source: <https://elifesciences.org/articles/04889>

American Diabetes Association

More from ADA ▾

HYPOGLYCEMIA

Recommendations

- Individuals at risk for hypoglycemia should be asked about symptomatic and asymptomatic hypoglycemia at each encounter. **C**
- Glucose (15–20 g) is the preferred treatment for the conscious individual with blood glucose ≤ 70 mg/dL [3.9 mmol/L]), although any form of carbohydrate that contains glucose may be used. Fifteen minutes after treatment, if SMBG shows continued hypoglycemia, the treatment should be repeated. Once SMBG returns to normal, the individual should consume a meal or snack to prevent recurrence of hypoglycemia. **E**
- **Glucagon should be prescribed for all individuals at increased risk of clinically significant hypoglycemia, defined as blood glucose < 54 mg/dL (3.0 mmol/L), so it is available should it be needed. Caregivers, school personnel, or family members of these individuals should know where it is and when and how to administer it. Glucagon administration is not limited to health care professionals. **E****
- Hypoglycemia unawareness or one or more episodes of severe hypoglycemia should trigger reevaluation of the treatment regimen. **E**
- **Insulin-treated patients with hypoglycemia unawareness or an episode of clinically significant hypoglycemia should be advised to raise their glycemic targets to strictly avoid hypoglycemia for at least several weeks in order to partially reverse hypoglycemia unawareness and reduce risk of future episodes. **A****
- Ongoing assessment of cognitive function is suggested with increased vigilance for hypoglycemia by the clinician, patient, and caregivers if low cognition or declining cognition is found. **B**

Jump to section

- Article
- Abstract
- ASSESSMENT
- A1C TESTING
- A1C GOALS
- HYPOGLYCEMIA
- INTERCURRENT
- Footnote
- Reference
- Figures & Tables
- Info & Citations
- PDF

AmerDiabetesAssn ▾

AmerDiabetesAssn

Apr 11

AmerDiabetesAssn

Glucagon should be prescribed for all individuals at increased risk of clinically significant hypoglycemia, defined as blood glucose < 54 mg/dL (3.0 mmol/L), so it is available should it be needed. Caregivers, school personnel, or family members of these individuals should know where it is and when and how to administer it. Glucagon administration is not limited to health care professionals. **E**

For alignment with [the annotation to table 6.3](#), this recommendation has been updated to state the following:

Glucagon should be prescribed for all individuals at increased risk of level 2 hypoglycemia, defined as blood glucose < 54 mg/dL (3.0 mmol/L), so it is available should it be needed. Caregivers, school personnel, or family members of these individuals should know where it is and when and how to administer it. Glucagon administration is not limited to health care professionals. **E**

Annotation published April 11, 2018.

Annotation approved by PPC: March 10, 2018.

Suggested citation: American Diabetes Association. 6. Glycemic targets: Standards of Medical Care in Diabetes—2018 [web annotation]. Diabetes Care 2018;41(Suppl. 1):S55–S64. Retrieved from https://hyp.is/71Va4jwnEeiJD0vde2XXyw/care.diabetesjournal-s.org/content/41/Supplement_1/S55.

AmerDiabetesAssn

Apr 11

AmerDiabetesAssn

Insulin-treated patients with hypoglycemia unawareness or an episode of clinically significant hypoglycemia should be advised to raise their glycemic targets to strictly avoid hypoglycemia for at least several weeks in order to partially reverse hypoglycemia unawareness and reduce risk of future episodes. **A**

For alignment with [the annotation to table 6.3](#), this recommendation has been updated to state the following:

Link to American Diabetes Association [annotated article](#).

Annotations as First Class Research Objects

- Added dates when annotations were posted
- Added dates when Publications Committee approved annotations
- Added Suggested Citation
- Includes links to ADA resources, external sites, additional figures and other information

AmerDiabetesAssn

Apr 11

AmerDiabetesAssn

Glucagon should be prescribed for all individuals at increased risk of clinically significant hypoglycemia, defined as blo ... More

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Qualitative Data Repository: Annotation Transparency Initiative (ATI)

Cambridge Core

Home > Journals > American Political Science Review > Volume 111 Issue 2 > Demand for Law and the Security... > Core reader

Demand for Law and the Security of Property Rights: The Case of Post-Soviet Russia

Information:

Access

American Political Science Review, Volume 111, Issue 2
May 2017, pp. 338-359

JORDAN GANS-MORSE (a1)

(a1) Northwestern University

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<https://doi.org/10.1017/S0003055416000691>

Abstract

Studies of property rights overwhelmingly focus on whether states expropriate whether private sector actors will use state institutions. By contrast, I argue that ensure firms will rely on the state for property rights protection. Instead, firms find illegal strategies based on violence or corruption. Whether firms adopt legal strategies that impede the use of law, (2) the effectiveness of illegal strategies, and (3) negotiations about each other's strategies. Drawing on interviews with firms, lawyers survey of Russian enterprises, I illustrate how "demand-side" factors led to a sui legal institutions over the past two decades. The findings suggest that generosity of law requires

Annotations 41 Page Notes

QDR
CambridgeCore/ATI
Apr 24

Demand for Law and the Security of Property Rights: The Case of Post-Soviet Russia

Annotation for Transparent Inquiry (ATI)

This is an Annotation for Transparent Inquiry project, published by the [Qualitative Data Repository](#).

The [Data Overview](#) discusses project context, data generation and analysis, and logic of annotation.

Please cite as:

Gans-Morse, Jordan. 2018. "Data for: Demand for law and the security of property rights: The case of Post-soviet Russia". Qualitative Data Repository. <https://doi.org/10.5064/F6K6DMCK>

Learn more about ATI [here](#).

QDR
CambridgeCore/ATI
Apr 25

Between 1994 and 2010, the number of annual court cases initiated by Russian firms quintupled, increasing from around 200,000 to over one million. (Gans-Morse 2018)

Source: [Annotated article](#) in American Political Science Review.

Add Context and Links to Citations

QDR

Apr 17

📍 CambridgeCore/ATI'

By 1993, there were already approximately 5,000 registered private security agencies; by the late 2000s, this figure was estimated to be 30,000

Annotation for Transparent Inquiry (ATI)



Analytic Note: The claim that in 1993 there were approximately 5,000 private security agencies is based on Table 3 on p. 138 of the Volkov (2002). Volkov's data in the table are for 1992 through 1999. I initially sought to update this table using the same sources as Volkov, a series of trade journals from the private security sector, but these journals were defunct. I therefore collected a variety of sources from the Russian press and the Russian Ministry of Internal Affairs, which are cited in Gans-Morse (2012) on p. 267 (footnote 5). The estimate of 30,000 by the late 2000s is from these sources. Below are excerpts from the two most relevant sources.

Source Excerpt (Supplementary Source 1): На рынке частной охраны насчитывается около 29 тыс. юридических лиц.... (Borodkin, 2008)

- Author Context
- Source Excerpt
- Translation of Excerpt
- Links to Data in QDR repository
- Full Citations for Annotations

Source Excerpt Translation (Supplementary Source 1):

There are around 29 thousand legal entities in the private security market....(Borodkin, 2008)

Source Excerpt (Supplementary Source 2): На 1 января 2009 г. в ОВД состоит на учете 29,8 тыс. охранно-сыскных структур....(MVD, 2009)

Source Excerpt Translation (Supplementary Source 2): As of January 1, 2009, there are 29.8 thousand security-detective companies registered with the organs of internal affairs.... (MVD, 2009)

Data Sources:

<https://data.qdr.syr.edu/file.xhtml?fileId=2664> <https://data.qdr.syr.edu/file.xhtml?fileId=2645> <https://data.qdr.syr.edu/file.xhtml?fileId=2801>

Full Citation (Source 1): Volkov, Vadim. 2002. *Violent Entrepreneurs: The Use of Force in the making of Russian Capitalism*. Ithaca, NY: Cornell University Press

Full Citation (Source 2): Gans-Morse, Jordan. 2012. "Threats to Property Rights in Russia: From Private Coercion to State Aggression." *Post-Soviet Affairs* 28 (3): 263-95.

Full Citation (Supplementary Source 1): Borodkin, Aleksey, "Razoruzhennaya okhrana (Disarmed guards)," *Den'gi*, November 24, 2008.

Full Citation (Supplementary Source 2): Press release from the Ministry of Internal Affairs (MVD) from 4.02.2009

ASPB: TPC Reviews: Peer Review Report

The screenshot displays the ASPB (American Society of Plant Biologists) website interface. At the top, the ASPB logo is visible on the left, and the page title "TPC Reviews" is on the right. Below the logo is a navigation bar with links for Home, Content, Info for, About, and More. The main content area features a banner for "THE PLANT CELL" with a colorful illustration of a plant cell. Below the banner, there is a "Check for updates" icon and the text "Research Article | Research Article". The article title is "The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure". The authors listed are Majja Sierla, Hanna Hörak, Kirk Overmyer, Cezary Waszczak, Dmitry Yarmolinsky, Tobias Maierhofer, Julia P. Vainonen, Jarkko Salojärvi, Kristiina Laanemets, Kadri Töldsepp, Triin Vahisalu, Adrien Gauthier, Tuomas Puukko, Lars Paulin, Petri Auvinen, Dietmar Geiger, and Rai Jaakko Kangasjärvi. The article was published in November 2018, with a DOI of https://doi.org/10.1105/tpc.18.00441 and an Altmetric score of 25. Below the article information, there are tabs for "Article", "Figures & Data", "Info & Metrics", and "PDF". A "Table of Contents" link is also present. On the right side, there is a sidebar for "Annotations 1" and "Page Notes". The annotation is from user "heatherstaines" on Jan 4, titled "TPC Reviews". The annotation text reads: "The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure". Below this, it says "Please find a Peer Review Report here." and "The report shows the major requests for revision and author responses. Minor comments for revision and miscellaneous correspondence are not included. The original format may not be reflected in this compilation, but the reviewer comments and author responses are not edited, except to correct minor typographical or spelling errors that could be a source of ambiguity." There is a "Peer Review Report" link below the annotation. At the bottom right, there are icons for "Print" and "Download PDF".

ASPB

TPC Reviews

Annotations 1 Page Notes

heatherstaines Jan 4

TPC Reviews

The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure

Please find a [Peer Review Report](#) here.

The report shows the major requests for revision and author responses. Minor comments for revision and miscellaneous correspondence are not included. The original format may not be reflected in this compilation, but the reviewer comments and author responses are not edited, except to correct minor typographical or spelling errors that could be a source of ambiguity.

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The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure

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Published November 2018. DOI: <https://doi.org/10.1105/tpc.18.00441> 25

Article Figures & Data Info & Metrics PDF

Table of Contents

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Abstract

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Source: [Annotated article](#) in ASPB

Any Questions?

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heather@knowledgefutures.org

Hypothesis

dwhaley@hypothes.is



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<https://library.uta.edu/scholcomm/mavs-open-press>



<< Projects

MARKING OER COURSES: BEST PRACTICES AND CASE STUDIES

EDUCATION



Description Outline Discussions (5)

About this Project

Marking OER Courses: Best Practices and Case Studies will expand the “Texas Toolkit for OER Course Markings” (a [SPARC-affiliated project](#)) to help higher education institutions across the country implement course marking for open and affordable educational resources. This practical guide will provide case studies, summarize relevant state legislation, provide tips for working with stakeholders, and analyze technological and process considerations.

The book will consist of two main sections. The first will provide high-level analysis of the technology, legislation, and cultural change needed to operationalize course markings. The second will present tangible case studies for those interested in how others have implemented course markings.

Please note that new members will not be added to this project until they have introduced themselves and expressed interest in participating in a specific portion of the project in the activities section. See the Call for Proposals below for additional information about joining the project team.

Team

[JOIN THIS PROJECT](#)


 Michelle Reed
Project Manager

 KH
Kris Helge
Contributor

 Nicole Allen
Lead Author

 Amie Freeman
Contributor

 Andrea Gillaspys
Contributor

 JE
Jessica Kirschner
Lead Editor

 Nicole Helregel
Contributor

Left: The [Marking OER Courses: Best Practices and Case Studies](#) project on Rebus Community.

Marking OER Courses: Tools



- Rebus Projects for recruitment and communication
- Google Drive for collaborative authoring
- Pressbooks for hosting and dissemination
- Hypothesis for peer review

<https://projects.rebus.community/project/rBBwMCEK49MBWf6XwYgVTt/marking-oer-courses-best-practices-and-case-studies>

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efficiency, connection

