

SUMMER SCIENCE SKILLS WORKSHOP 2026



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Keep in mind
These are life-long skills

READING

Today's workshop

- Icebreaker
- Considering why we read
- Finding what to read
- Learning how to read
- Innovations in reading

Ice breaker activity:

What are you expected to read and understand at your career stage? What do you need to be able to do?

- High school, undergrad, grad, post-doc, tech, faculty?
- Does your reading comprehension and knowledge need to be broad or specific?
- Are you expected to know the classics or stay current?
- How should this knowledge be attained?

Activity: Pair up with someone at your same or similar career stage. Talk about what you think is typical or expected of someone at your career stage

[Fill out your answers here](#)

Findings from a CIMER Mentoring Workshop

WHY READ?

Why is reading important for scientists?

Why is reading undervalued?

The map is not
the territory



Top pitfall of prelim & oral exams:
“The student did not have a
conceptual framework of the
topic they study”

Best practices in reading



- Stay up to date; stay organized; schedule reading time into your week



- Talk about what you have read. Ask others what they have read



- Share with your lab and get recommendation from them



- Attend journal clubs in your field



- Read the rainbow – short & long, fun & heady, articles & highlights



- We will learn strategies to find what to read and to focus



- Read for fun and off topic!

Be intentional about WHY you are reading

Time goals
(week,
semester)

Topical
Goals

Goals of what
you want to gain
from each paper

WHAT TO READ?

Reading Nuts & Bolts

Help, I can't get access to an article

- I have a paper I need to read, but I can't get access

The screenshot shows the Science journal article page for the paper "Fast cell wall softening causes Venus flytrap closure". The article is by Jongsun Ryo, Mathieu Colombari, Corentin Mollet, Jiel Martielot, and And Voel Espinosa. The article is published in Science, Vol. 392, No. 6803, on June 11, 2026. The article is categorized as a Research Article in Plant Biomechanics. The article is currently closed, and a "CHECK ACCESS" button is visible. The article summary states: "The Venus flytrap snaps its trap shut in less than a second. Movement of water across cells has generally been invoked to explain how the trap releases elastic energy to buckle and close. However, Ryo *et al.* measured hydraulic properties of the tissue and found that water movement was too slow to explain the closure dynamics (see the Perspective by Dumais). Instead, they found that cell walls on the outer epidermis of the trap rapidly softened on a timescale consistent with trap closure, thus offering a better explanation for the mechanism underlying trap movement. —Madeleine Seale". The abstract states: "Plants can move rapidly without muscles, as seen in the Venus flytrap's snapping lobes—a long-standing puzzle in plant biomechanics. Trap closure involves an elastic instability, but the active mechanical driver has remained elusive. Using in situ hydraulic and mechanical measurements, we identified the motor driving this transition. Closure occurs too quickly to be explained by water transport, revealing a distinct, nonhydraulic mechanism: a rapid (about one second) softening of the epidermal cell wall, releasing elastic energy stored in the trap. This represents the fastest modulation of wall mechanics reported in plants. Our finding reveals a mode of plant motility based on dynamic tuning of material properties, suggesting principles for muscle-free, bioinspired actuation." The article is also featured in the "CURRENT ISSUE" section of the Science journal website. The current issue cover features a Venus flytrap with the text "SNAP SHUT". The current issue also includes articles on "Long-term isolation and archaic introgression shape functional genetic variation in Near Oceania", "Super-earths and mini-neptunes follow different orbital period–eccentricity relations", and "Global density and biomass of arbuscular mycorrhizal fungal networks". The article is also featured in the "RELATED PERSPECTIVE" section of the Science journal website. The related perspective is "Exceeding nature's biological speed limits" by Jacques Dumais, published in Science on June 11, 2026. The article is also featured in the "ADVERTISMENT" section of the Science journal website. The advertisement is for "50% off wedding stationery" with code "WEDDING50" and "GISILLE & ALEXANDER". The advertisement also features a "Shop now" button and the "vistaprint" logo. The article is also featured in the "Sign up for ScienceAdviser" section of the Science journal website. The ScienceAdviser newsletter provides the latest news, commentary, and research, free to your inbox daily.

The screenshot shows the "Check Access" dialog box for the Science article. The dialog box has a title bar with a lock icon, the text "Check Access", and a close button (X). The main content of the dialog box is as follows:

- Log in to view the full text**
- AAAS ID LOGIN** (button)
- ACCESS THROUGH YOUR INSTITUTION** (button)
- AAAS login provides access to Science for AAAS Members, and access to other journals in the Science family to users who have purchased individual subscriptions.
- [Become a AAAS Member](#)
- [Activate your AAAS ID](#)
- [Purchase Access to Other Journals in the Science Family](#)
- [Account Help](#)
- More options**
- [PURCHASE DIGITAL ACCESS TO THIS ARTICLE >](#)
- Download and print this article for your personal scholarly, research, and educational use.
- [PURCHASE THIS ISSUE IN PRINT >](#)
- Buy a single issue of Science for just **\$15 USD**.

A "PDF" button is visible on the right side of the dialog box.

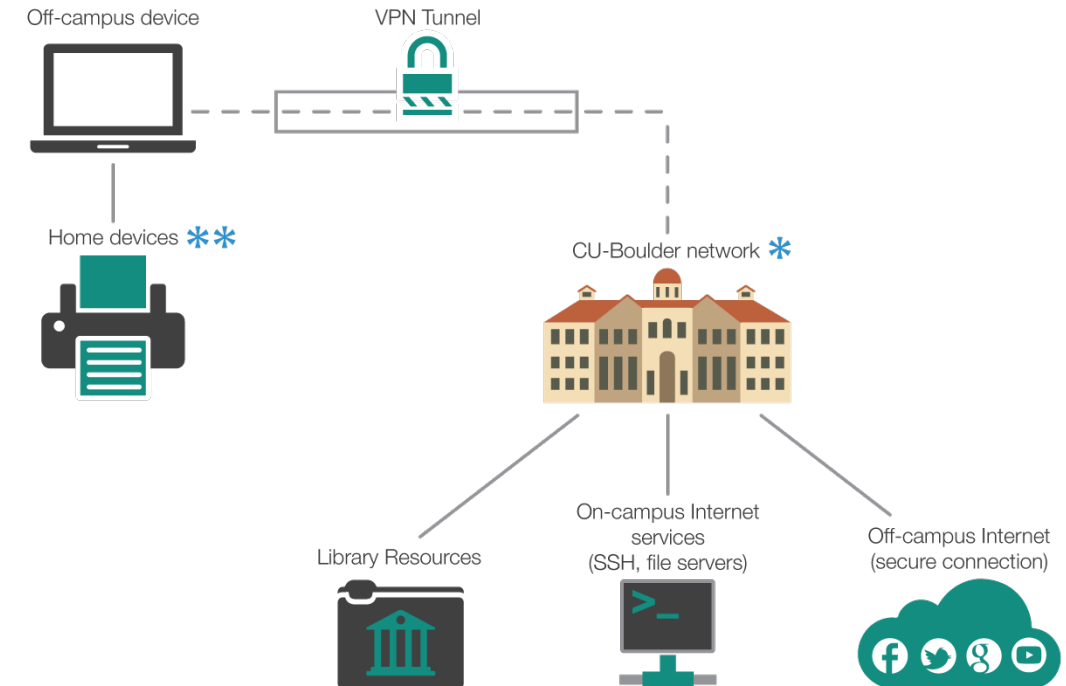
Reading Nuts & Bolts

Help, I can't get access to an article

- I have a paper I need to read, but I can't get access
- Sign into campus VPN (global protect), then try again
 - <https://it.colostate.edu/cybersecurity/globalprotect-vpn/>
- Use the Library's PUBMED access link:
 - <https://pubmed.ncbi.nlm.nih.gov/?otool=cosulib>
- Still can't get an article – e-mail your PI/lab
- Last resort – e-mail the author
- **DO NOT BUY IT!!!**

Workshop Activity: Install CSU VPN

- What is a VPN (Virtual Private Network)?
 - Think of it like a tunnel onto Colorado State University Campus
 - Let's set up VPN software together
 - <https://gateway.colostate.edu/global-protect/getsoftwarepage.esp>



We can access PUBMED through the CSU library

- Regular PUBMED: <https://pubmed.ncbi.nlm.nih.gov/>
- Let's bookmark the library pubmed portal:
 - <https://pubmed.ncbi.nlm.nih.gov/?otool=cosulib>

Found 1 result for *Fast cell wall softening causes Venus flytrap closure* Save Email Send to Display options ⚙

> [Science](#). 2026 Jun 11;392(6803):1183-1187. doi: 10.1126/science.aed5051. Epub 2026 Jun 11.

Fast cell wall softening causes Venus flytrap closure

[Jeongeun Ryu](#)¹, [Mathieu Colombani](#)¹, [Corentin Mollier](#)¹, [Joël Marthelot](#)¹, [Yoël Forterre](#)¹

Affiliations + expand
PMID: 42275490 DOI: [10.1126/science.aed5051](https://doi.org/10.1126/science.aed5051)

Abstract

Plants can move rapidly without muscles, as seen in the Venus flytrap's snapping lobes—a long-standing puzzle in plant biomechanics. Trap closure involves an elastic instability, but the active mechanical driver has remained elusive. Using in situ hydraulic and mechanical measurements, we identified the motor driving this transition. Closure occurs too quickly to be explained by water transport, revealing a distinct, nonhydraulic mechanism: a rapid (about one second) softening of the epidermal cell wall, releasing elastic energy stored in the trap. This represents the fastest modulation of wall mechanics reported in plants. Our finding reveals a mode of plant motility based on dynamic tuning of material properties, suggesting principles for muscle-free, bioinspired actuation.

FULL TEXT LINKS


[Science](#)
[FINDIT@CSU](#)

ACTIONS

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[Permalink](#)


PAGE NAVIGATION


< Title & authors
Abstract

 **Fast cell wall softening causes Venus flytrap closure**
Science (AAAS)
Ryu, Jeongeun; Colombani, Mathieu; Mollier, Corentin...
Vol. 392 Issue 6803, pp. 1183-1187, 2026.

[Find another article](#)

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Automatically remember format choice for 24 hours

I don't know what I should be reading



- Figuring out WHAT TO READ is a lifelong skill



- Alerts: Table of Contents Alerts (TOC), Search Alerts, and Google Scholar Alerts can inform you of what is new in your field



- Use CONFERENCES and SEMINARS



- For each paper you read, identify a few referenced papers to read next



- Know the difference between primary literature, clinical studies, preprints, reviews, highlights/previews, news, and commentaries. Read a mix of all.



- You will need to re-read!!!

PUBMED Search Alerts [Activity 1]

- **Step 1:** search for something in PUBMED
- **Step 2:** Log in to NIH
 - Create ORCID ID
 - Login via ORCID ID
- **Step 3:** Create Alert

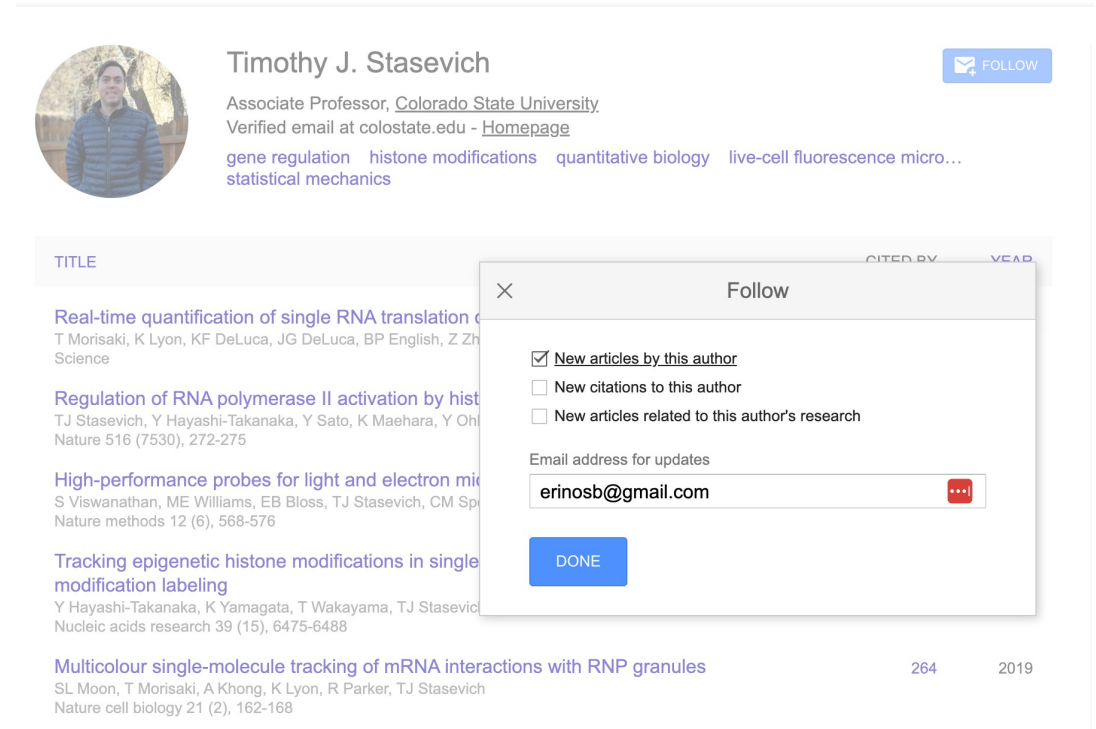
The screenshot shows the PubMed interface with a search for "venus fly trap". Three yellow arrows highlight key steps: Arrow 1 points to the NIH logo, Arrow 2 points to the "Log in" button, and Arrow 3 points to the "Search" button. The search results show 50 results, with the first result being "Osteon... binds to a GPRC6A Venus fly trap allosteric site to positively modulate GPRC6A signaling." The interface includes a search bar, a "Log in" button, and a "Search" button. Below the search bar, there are options for "Advanced", "Create alert", and "Create RSS". The search results section includes a "Save" button, a "Send to" button, and a "Sort by: Best match" dropdown. The results are displayed on page 1 of 5. A "RESULTS BY YEAR" chart is visible on the left side of the results, showing a bar chart of publication counts from 1938 to 2026. The first result is a paper by Agarwal R, Ye R, Smith MD, Smith JC, Quarles LD, Pi M. published in FASEB Bioadv. 2024 Aug 14;6(9):365-376. doi: 10.1096/fba.2024-00025. eCollection 2024 Sep. PMID: 39399472. Free PMC article. The abstract text reads: "Using this model we explored a putative orthosteric ligand binding site in the bilobed Venus fly trap (VFT) domain of GPRC6A and two positive allosteric modulator (PAM) sites, one in the VFT and the other in the 7 transmembrane (7TM) domain. ...". Below the abstract, there are options to view "Papers" and "PDF".

Setting up Table of Contents (TOC) alerts [Activity 2]

- Which journals do you tend to read?
- Sign up to receive weekly updates on new papers published with your search terms or from key labs in your field
 - Search “journal name” + “TOC alerts”
 - <https://journals.biologists.com/dev/pages/alerts>
- Receive E-mails of key table of contents from your favorite journals
 - [Science](#)
 - [Nature](#)
 - [Cell](#) (go to Alerts)
 - Important journals in your sub-field
- Warning – you will get spam. Need to block/delete. Consider a separate e-mail/folder

Setting up google scholar alerts [Activity 3]

- <https://scholar.google.com/>
- Set up your own profile – verify your e-mail
- Search for someone – follow them



The screenshot shows a Google Scholar profile for Timothy J. Stasevich. The profile includes a circular profile picture, the name "Timothy J. Stasevich", and a "FOLLOW" button. Below the name, it lists his affiliation as "Associate Professor, Colorado State University" and provides a verified email address "colostate.edu" with a "Homepage" link. Research interests are listed as "gene regulation", "histone modifications", "quantitative biology", "live-cell fluorescence micro...", and "statistical mechanics".

A "Follow" dialog box is open over the profile, showing the following options:

- New articles by this author
- New citations to this author
- New articles related to this author's research

The dialog box also includes a field for "Email address for updates" with the value "erinosb@gmail.com" and a "DONE" button.

Below the profile, a list of publications is visible with columns for "TITLE", "CITED BY", and "YEAR". The first three entries are:

- Real-time quantification of single RNA translation** (2019)
T Morisaki, K Lyon, KF DeLuca, JG DeLuca, BP English, Z Zh...
- Regulation of RNA polymerase II activation by histone** (2019)
TJ Stasevich, Y Hayashi-Takanaka, Y Sato, K Maehara, Y Oh...
- High-performance probes for light and electron micr** (2019)
S Viswanathan, ME Williams, EB Bloss, TJ Stasevich, CM Sp...

The fourth entry is partially visible:

- Tracking epigenetic histone modifications in single modification labeling** (2019)
Y Hayashi-Takanaka, K Yamagata, T Wakayama, TJ Stasevich...

The fifth entry is:

- Multicolour single-molecule tracking of mRNA interactions with RNP granules** (2019)
SL Moon, T Morisaki, A Khong, K Lyon, R Parker, TJ Stasevich...

Other searches: social media, apps, AI








- Linked In
- Bluesky
- X
- Facebook
- Google

HOW TO READ?

How we read is changing

- A current decline in literacy levels
 - [My Students Can't Read: A generational collapse in literacy is measurable, persistent, and likely to get worse by Tyler Jagt](#)
- Dopamine
 - Reading is a low-dopamine activity trying to compete in a high-dopamine world
 - Dopamine Nation by Anne Lembke
 - Molecular of More by Daniel Z Lieberman
- Distractions
 - Try reading online content – very distracting
 - Studies of eye movement – most people now skim, vulnerable to misunderstanding
- Eyes v. Ears
 - Reading is derived; Listening is older
 - Immersive Reading – reading and listening simultaneously

Engaged Reading

-  • Set an intention for the reading
-  • Stop every so often and reflect/assess/self-quiz
-  • Take notes (use a system)
-  • Look up words & concepts you don't know
-  • Set a timer or location
-  • Follow up – videos and images
-  • Spaced repetition for reinforcement

Some techniques in manuscript reading

- My method – the full read
 - I print the paper. I go offline. I take handwritten notes
 - QART Approach - for each figure (or sub-figure)
 - ? Question
 - @ Approach
 - → Result
 - ☆ Take home message
- My method – the intentional skim
 - Read the abstract. Skim each figure. Zoom in on key figs. Skim discussion
- The Sommerville Lab System
 - 2 sentence summary written on the top of the print out
 - 2 references that interested you circled
 - Stack up the papers on your desk in a bin as you read them
 - Labmates discuss papers. PI comes around the lab every so often and browses everyone's recent papers
- The Michelle Facette System
 - Read papers
 - Make notes in referencing software
 - Use tags

Critical evaluation of literature

For every figure I ask myself these questions:

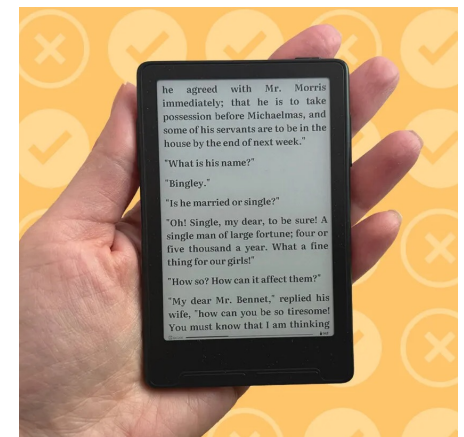
- 1. What is the question the authors are answering in this figure?**
 - Why are they doing this experiment? What is the point of this figure? What is the hypothesis?
- 2. What is the approach(s) they took to answer this question?**
 - How are the authors testing the hypothesis/question?
- 3. What are the results they found?**
 - What did they find?
- 4. What is the conclusion and do I agree with that conclusion?**
 - Is the conclusion over reaching the data? Do you believe that the data supports that conclusion?
 - This question is often the hardest to answer but most important as it asking you to think critically about the data

Practice builds stamina for neurotypical and neurodivergent learners

- [The Assistive Technology Resource Center](#)
 - 300 Occupational Therapy Building
 - Michelle Brodsky & team of 6 counselors
 - One-on-one consultations, drop in resource center
- The neurodivergent reader
 - Speechify
 - Immersive reading
 - “text to podcast” apps
- eInk devices
 - *Warning: many do not work on the CSU campus internet*
 - [Boox readers](#) – academic paper reading, notetaking
 - Remarkable/Supernote - notetaking
 - X4 Mini readers (good for ADHD, require patience)
- Good ol’ paper!



Michelle Brodsky +
6 counselors



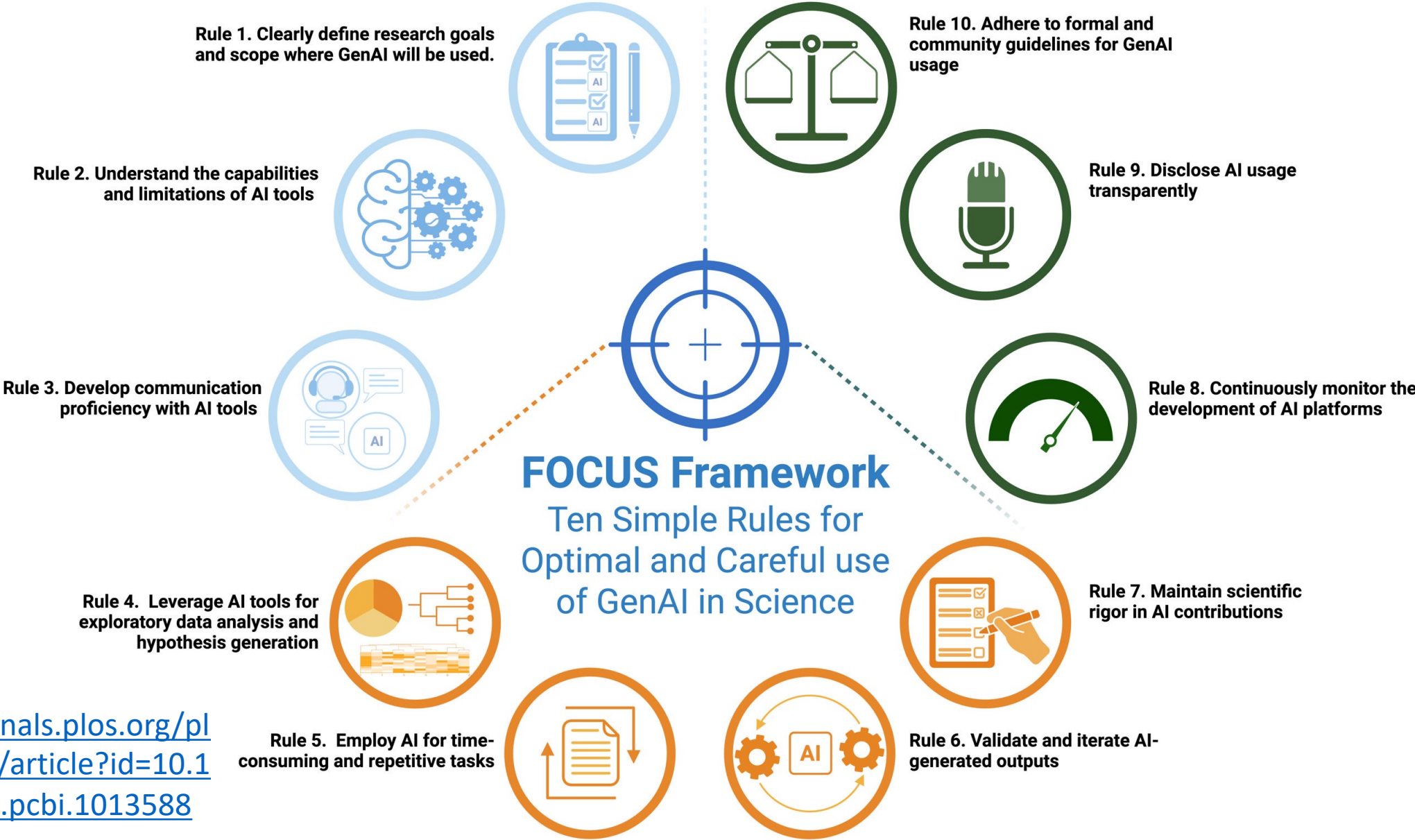
X4 mini

Action items for becoming a better reader

- Become a peer reviewer
 - Training for reviewers:
 - <https://genetics-gsa.org/career-development/peer-review-training-program/>
- Become a journal editor
- Start a journal club, book club, or coffee group
- Write a review

INNOVATIONS

AI in research framework



<https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1013588>

AI and reading

- Gave OpenAI my eLife paper from my postdoc
- Odd word choices
- Very strong claims about conclusions from the paper
 - Loses the subtleties



Brief summary — main question and takeaways

- Question: Do sex-specific differences in the synaptonemal complex (SC) contribute to sexually dimorphic regulation of meiotic recombination in *Caenorhabditis elegans*? elifesciences.org
- Approach (high level): The authors compared the behavior and composition of central-region SC proteins (SYP family: SYP-2, SYP-3, SYP-5, SYP-6) during oogenesis and spermatogenesis across meiotic prophase I to identify sex-specific regulation and functional consequences for recombination. elifesciences.org
- Key findings:
 - SC composition is regulated in a sex-specific manner: SYP-2, SYP-3, SYP-5 and SYP-6 show sex-dependent regulation throughout prophase I. elifesciences.org
 - During pachytene, oocytes and spermatocytes differentially regulate the stability (and relative amounts) of SYP-2 and SYP-3 within assembled SCs; these amounts are controlled independently in ways that depend on both sex and recombination status. elifesciences.org
 - Functional specialization: SYP-2 is required for early steps of recombination in both sexes, whereas SYP-3 specifically controls the timing and genomic positioning of crossover events in oocytes only. elifesciences.org
 - Dosage interactions: Changing the levels of SYP-2 or SYP-3 alters the composition of other SYP proteins in a sex-specific, pachytene-stage-dependent manner, indicating dosage-dependent regulation of individual SC components. elifesciences.org
- Conclusion / significance: The study shows that although the SC is a conserved structure, its molecular composition and functional contributions to recombination are adjusted differently in spermatogenesis versus oogenesis—providing a mechanism for how a shared chromosome structure can be adapted to sex-specific meiotic programs. elifesciences.org

AI and reading

Figure 5 — SYP-2 and SYP-3 dosage produce sex-specific effects on recombination markers

- What they did: Quantified RAD-51 (DSB marker), MSH-5 (joint-molecule/pro-crossover marker), and COSA-1 (crossover designation marker) foci across pachytene in WT, *syp-2/+*, *syp-3/+* for both sexes.
 - Key results:
 - RAD-51: largely unchanged by SYP dosage (minor early changes in oocytes only).
 - MSH-5: *syp-2/+* oocytes show a strong reduction in MSH-5 foci (SYP-2 required for formation/maintenance of joint molecules in oocytes). *syp-3/+* oocytes show increased early MSH-5 but faster loss (altered timing). In spermatocytes, *syp-2/+* mainly causes rapid loss of MSH-5 in mid/late pachytene (maintenance defect); SYP-3 dosage has little effect on spermatocyte MSH-5.
 - COSA-1 timing: *syp-2/+* and *syp-3/+* shift COSA-1 loading earlier in oocytes; *syp-3/+* delays COSA-1 loading in spermatocytes. Final numbers of COSA-1 foci are not reduced (i.e., the per-chromosome crossover requirement is met).
- Interpretation: SYP-2 has a conserved role in stabilizing joint molecules in both sexes; SYP-3 controls timing of events in a sex-specific manner. pmc.ncbi.nlm.nih.gov

- Asked OpenAI to explain the figure for that summary conclusion
- Correct description of the figure
- Different interpretation: original: "SYP-2 important in both sexes for early recombination; SYP-3 only alters crossover timing/positioning in oocytes"

AI is a tool and should be used to aid in reading not read the paper for you

Keeping track of papers/references

- Get a citation manager and start building a library of citations
 - [EndNote](#) (not free, but can get academic discounts)
 - [Zotero](#) (free)
 - [Mendeley](#) (free)

I Need to:	Use:	Why:
Work from multiple computers or locations	Zotero Mendeley EndNote Web	<p><i>Zotero</i> saves your citation library to your local computer, but syncs with multiple computers so you can work from home, work, or school.</p> <p><i>Mendeley</i> is a program that lives on your local computer, but syncs with a web account.</p> <p><i>EndNote Web</i> is web based. Your citation library is accessible from any computer that is connected to the web.</p>
Work without an Internet connection	Zotero Mendeley EndNote	<p><i>Zotero</i>, <i>Mendeley</i> and <i>EndNote</i> can store your citation libraries locally on your computer.</p>
Archive web pages and import citations from sites such as Amazon, Flickr, and ArtSTOR	Zotero	<p><i>Zotero</i> allows you to easily save snapshots of web pages and annotate them within your citation library. It is a great tool for saving citation information from some web-based publications and commercial and social networking sites.</p>
Work on a group project or share my citations with others	Zotero Mendeley EndNote Web	<p><i>Zotero</i> allows you to share your citations through shared folders -- you can give individuals or groups permissions to add and edit the citations in the shared folder.</p> <p><i>Mendeley</i> allows you to share citations and documents with a group of up to 10 other users, or create a public reading list that is open to all.</p> <p><i>EndNote Web</i> allows you to share groups with anyone who is registered with the service. You can allow others to view or edit your citations.</p>

More on picking a citation manager

- [To the right is part of a longer table at U Chicago library](#) that does feature comparisons of the citation managers
- The key here pick one that you will use and start using it
- Ask your lab which they use
 - Better to coordinate across groups for co-writing

	Zotero	Mendeley	EndNote	EndNote Web
Access	Zotero software with browser add-on (Firefox and Chrome).	Desktop software, but can sync with an online account which is editable	Desktop software with an online version (EndNote Web)	Web-based
Where is my database stored?	Local computer with web based syncing between computers.	Local computer with web based syncing between computers	Local Computer with cloud storage and syncing via EndNote Web	Web-based
How does it work?	Detect citations that can be captured from databases or web pages. Search and import records using PMID, DOI, or ISBN. Extract citation information from PDFs.	Import from many popular databases. Extract citation information from PDFs.	Export from databases into EndNote. Can search catalogs from within EndNote.	Browser bookmarklet can import from many databases. Can also import using text files
Ability to work offline	Yes	Yes	Yes	No
Word-processor compatibility	MS Word, Google Docs, Open Office	MS Word, Open Office, LaTeX	Microsoft Word, OpenOffice (EndNote X3+), Pages (X4+)	MS Word
Import from Library databases	Yes	Yes	Direct export from specific databases	Yes
Import from Library Catalog	As of summer 2022, no, but expected.	Yes	Yes	Yes
<i>Find It!</i> Integration	Yes, via Library Lookup feature	No	Yes, but must be configured	Yes
Import citation info from web pages	Yes, also archives the page and you can add annotations	Yes, with a bookmark for a limited number of sites (mostly publishers or databases)	No	Yes, with bookmarklet
Manage large libraries	Easy	Moderate to difficult	Easy	Moderate to difficult
Storage capacity	Unlimited local storage. Unlimited data syncing if you use your UChicago	Unlimited local storage and data syncing; 2GB personal and 100MB	Unlimited local storage. Software purchase provides term access to	Limited to 10,000 citations

Example: EndNote Citation manager

The screenshot displays the EndNote 20 interface. On the left, a dark sidebar contains a 'Reference list' section with 'All References' (669) highlighted in red. Below it is the 'Organization tools' section, also highlighted in red, which includes 'MY GROUPS' and 'GROUPS SHARED BY OTHERS'. Under 'ONLINE SEARCH', several plugins are listed and highlighted in red: 'Jisc Library Hub Discover', 'Library of Congress', 'PubMed (NLN)', and 'Web of Science Core Collectio...'. The main window shows a list of 669 references with columns for Author, Year, Title, and Journal. The first few entries are:

Author	Year	Title	Journal
	2023	Infertility prevalence estimates, 1990–2021.	Geneva: World Health Organization
	2024	Fact Sheet: In Vitro Fertilization (IVF) Use Across the United States	HHS Press Office
Abdelhamid, M. H. M.; Esquerr...	2019	Experimental mild increase in testicular temperature has drastic, but reversi...	Reprod Biol
Agarwal, S.; Roeder, G. S.	2000	Zip3 provides a link between recombination enzymes and synaptonemal co...	Cell
Agostinho, A.; Kouznetsova, A.;...	2018	Sexual dimorphism in the width of the mouse synaptonemal complex	J Cell Sci
Aitken, R. J.	2024	What is driving the global decline of human fertility? Need for a multidiscipli...	Front Reprod Health
Alipour, E.; Marko, J. F.	2012	Self-organization of domain structures by DNA-loop-extruding enzymes	Nucleic Acids Res.
Alix, M.; Kjesbu, O. S.; Anderso...	2020	From gametogenesis to spawning: How climate-driven warming affects tele...	J Fish Biol
Aljohani, Mohammed D.; El Mo...	2020	Engineering rules that minimize germline silencing of transgenes in simple e...	Nature Communications
Allen, J. W.; Dix, D. J.; Collins,...	1996	HSP70-2 is part of the synaptonemal complex in mouse and hamster sperm...	Chromosoma
Almanzar, D. E.; Gordon, S. G.;...	2023	Meiotic DNA exchanges in <i>C. elegans</i> are promoted by proximity to the syna...	Life Sci Alliance
Almanzar, David E.; Gordon, Sp...	2020	Meiotic sister chromatid exchanges are rare in <i>C. elegans</i>	bioRxiv
Almanzar, D. E.; Gordon, S. G.;...	2021	Meiotic sister chromatid exchanges are rare in <i>C. elegans</i>	Curr Biol
Alpi, A.; Pasierbek, P.; Gartner,...	2003	Genetic and cytological characterization of the recombination protein RAD-...	Chromosoma
Altun, Z. F.; Hall, D. H.	2009	Introduction.	In WormAtlas.
Anders, C.; Niewoehner, O.; Du...	2014	Structural basis of PAM-dependent target DNA recognition by the Cas9 end...	Nature
Anderson, L. K.; Royer, S. M.; P...	2005	Juxtaposition of C(2)M and the transverse filament protein C(3)G within the...	Proc Natl Acad Sci U S A
Antonin, W.; Neumann, H.	2016	Chromosome condensation and decondensation during mitosis	Curr Opin Cell Biol
Arbeithuber, B.; Betancourt, A....	2015	Crossovers are associated with mutation and biased gene conversion at rec...	Proc Natl Acad Sci U S A
Arisaka, F.	2005	Assembly and infection process of bacteriophage T4	Chaos
Arpin, M.; Chirivino, D.; Naba,...	2011	Emerging role for ERM proteins in cell adhesion and migration	Cell Adh Migr

Place to search for papers

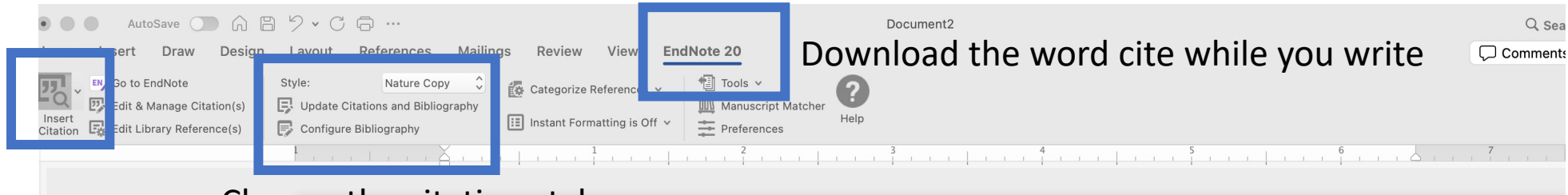
*Plugins for adding citations right from the web browser

How to cite works

- Use a citation manager
- Download the "cite while you write" plugin for MS word from the citation manager
 - [Plugin for Zotero](#)
 - [App for Mendeley](#)
 - Automatically installs with Endnote Desktop; [Endnote online app](#)

Example: Adding in a citation using Endnote

Add in a citation



Change the citation style

I want to add in a citation 1|

- 1 Cahoon, C. K., Uebel, C. J., Villeneuve, A. M. & Libuda, D. E. Epitope tag-specific differences in the detection of COSA-1 marked crossover sites in *C. elegans* spermatocytes. *MicroPubl Biol* **2023** (2023). PMC9844261.

Year 2023
Title Epitope tag-specific differences in the detection of COSA-1 marked crossover sites in *C. elegans* spermatocytes
Journal MicroPubl Biol
Volume 2023
Epub Date 20230106
ISSN 2578-9430 (Electronic)

Library: My EndNote Library.enl 12 items in list

Lessons learned from painful past experiences

- Only link one library to a word document reference list
 - Multiple libraries linked often ends up with duplicated references in the list
- If writing collaboratively, best to only have one person put in the references
 - Same issue as above, linking multiple libraries never works out well
- For long documents (thesis, manuscripts), turn off the autoformatting and format the references at the end
 - Keep adding in the unformatted references as you write
 - Turning this off helps to not bog down word as your writing