

Get Noticed

Managing your scholarly career in an age of metrics, social media, and open research

NLI Summer Session June 12-13, 2017



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Manage your scholarly career in an age of metrics, social media, and open research. This session is designed for busy faculty who want a jump start in developing new skills, mastering new tools, and learning new approaches related to sharing their work and extending their impact. University librarians and publishing experts will present a variety of tools and methods to:

- (1) leverage your rights as an author
- (2) build and manage your online presence
- (3) share your work and get noticed, and
- (4) demonstrate your impact.

Attendees will have the opportunity to set and refine individual goals for their workshop participation and beyond. Hands-on time and assistance will be included for attendees to make tangible progress in their identified areas. Time will also be allocated for attendees to discuss common problems and solutions.

Monday:

Your intended impact Planning for a broader impact Collaboration tools LUNCH Publishing case study **Open Access** Methods for broadening your impact

Write It Down: What would be useful for you?

What would you like to work on or learn more about during this workshop?

Tuesday:

Lightning round talks
Influencing what people find
Your role in promoting your work
Group and individual breakout sessions

Reflection exercise



Introduction: The Big Picture

- Presenters & library services

Getting to know you



Presenters

Anita Walz, Open Education, Copyright and Scholarly Communication Librarian

Gail McMillan, Director, Scholarly Communication

Virginia (Ginny) Pannabecker, Health Sciences Research Support Coordinator

Peter Potter, Director, Publishing Strategy

Philip Young, Scholarly Communication Librarian

Services We Offer

- Open Access Subvention Fund Get financial help to publish your articles in OA journals
- Data Consultations / Data Management Plans, <u>Projects</u> & <u>Resources</u>
- <u>VTechWorks</u> Share your work publicly in the Library's Institutional Repository
- Open Access <u>Publishing</u> & <u>Resources</u> Publish your journals & conference proceedings with us
- Publishing Consultations Get help in publishing your work elsewhere
- Copyright <u>Consultations</u> <u>Understand your rights and responsibilities as authors</u>
- Open Education/<u>Open Educational Resource</u> Consultations & Publishing -Create, adapt, or customize openly licensed content to fit your courses
- Tell Your Story: Impact & Engagement consultations and <u>resources</u> Discuss what you're using and additional methods to optimize engagement with your work

Introductions - Please Tell Us:

Your Name

Your Department and Research Interests

What you hope to learn in this session

Introduction: The Big Picture

- Leverage your rights as an author/creator
- Build and manage your online presence
- Share your work and get noticed
- Demonstrate your impact



How (and why) do people show the impact of their work in your field?

Do you need a break?

Toward Impact

Metrics

Academic

Broader impact

Enhancing dissemination

Making your work discoverable

Making yourself discoverable

Resources

Evidence

Academic Metrics

Primarily *citation-based* at different levels of measurement

Research object

Article - citations, normalizations

Book - citations

Data/Software - citations, forks

Presentations - acceptance rate, attendance, downloads, views

Creative work- exhibits, performances, reviews

Journal

Journal impact factor, journal rank, acceptance rate, etc.

Author

Number of papers, h-index

Broader Impact

Altmetrics (for: articles, books, data, software, presentations, and more)

Links, saves, mentions, views, downloads

Books: reviews, library holdings, ratings (Amazon, Goodreads)

Altmetric.com data for EFARS, Library search, VTechWorks

<u>Bookmarklet</u> and <u>badge embedding</u>

Impactstory profile

Broader Impact

Promotion and Tenure Guidelines 2016-2017.pdf (p. 11)

- 4. Textbooks authored
- Textbooks edited
- 6. Papers in refereed journals (both print and electronic)

Provide a qualitative assessment of the paper, which may include article-level metrics as well as broader impacts such as media coverage or effect on public policy. For example, counts of citations, views, downloads, Altmetric scores or percentiles, and mentions may be listed with their sources.

Optionally, provide a qualitative assessment regarding the journals in which the candidate has published. This should be a statement about the level of prestige and relevance of the journal in the specific field or area, and may include acceptance rates, journal impact factor, or

Make Your Work Discoverable: Articles

Post a version online (permissions in your contract or at Sherpa/Romeo)

VTechWorks - via EFARS

Disciplinary repositories/Preprint servers

arXiv, PsyArXiv, bioRxiv, Humanities Commons, OSF

Proprietary repositories (ResearchGate, Academia.edu)

"For enduring impact consider enduring access" -me

Publish open access (Directory of Open Access Journals; limit to OA in

<u>Ulrich's</u> Periodical Directory) <u>Open access fund</u>

Make Your Work Discoverable: Books

Open Access for Books

OA Monograph Initiative (see Peter)

Open Access Book Publishers

Chapters - check permissions in advance

Rights Reversion

Make Yourself Discoverable

Research Profiles

Google Scholar, ORCID, CollabVT

Career Professional Profiles

LinkedIn

Social Media

Twitter, Google+, Facebook

Outreach

Write: Blogs@VT, Signal to Noise, Footnote, The Conversation

VT News college communicators

Center for Communicating Science

Services: Kudos, Brevy, External Diffusion, Research Square, SPapers,

<u>Growresa</u>

Resources

```
Maintaining an Online Scholarly Identity (MathEd.net blog)
    Impact Handbook for Social Scientists (LSE Impact blog)
    Promoting Your Articles to Increase Your Digital Identity and Research Impact
        (Jon Tennant, ScienceOpen)
    Impact Toolkit (Economic and Social Research Council)
    Effective Science Communication (Illingworth & Allen)
    An Introduction to Social Media for Scientists (PLOS Biology)
    The verdict: Is blogging or tweeting about research papers worth it? (Melissa
Terras)
```

Evidence

Open access citation advantage (46/70 studies)

Open access altmetrics advantage

Twitter and citations

Open access Wikipedia citation advantage (47%)

Open data citation advantage (8 studies, see Piwowar & Vision 2013)

Trend: more highly-cited papers from non-elite journals (1, 2, 3)

How open science helps researchers succeed

Responsible Metrics Resources

San Francisco Declaration on Research Assessment

Leiden Manifesto for Research Metrics

The Metric Tide - 2015 report from the UK

Centre for Science and Technology Studies, Leiden University

Impact

Context

Percentages, quartiles, etc.

Narrative

Who linked, cited, etc.

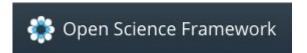
Write It Down: What would be useful for you?

What would you like to work on or learn more about during this workshop?

Planning Ahead to Share Your (Collaborative) Work

- Tools







Data Management Plan

VT Libraries Services



Publication venue selection

Consider OA options and fee support







- What was the project?
- Was it within VT or also with other institutions?
- How did you manage collaborative writing, project tasks, and files overall?
 - What tools or best practices would you recommend?

Notes document for this discussion

Open Science Framework





- Project Management Dashboard
- Version Tracking for files and writing
- Control Access & Collaboration
 - Permissions at item level
- Register your project: freeze at any point

- Integrate with other tools: Dropbox, Google Drive, GitHub, ... more
- Archive your data
- Publish your project with a DOI for referencing
- Project Analytics

Open Science Framework

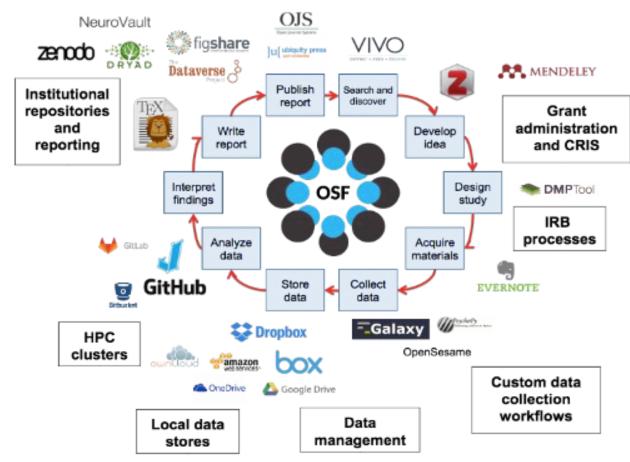


Image from Vicky Steeves' "OSF Workshop" presentation files on GitHub: https://github.com/Vick ySteeves/OSF-Works hop

Rebus Community



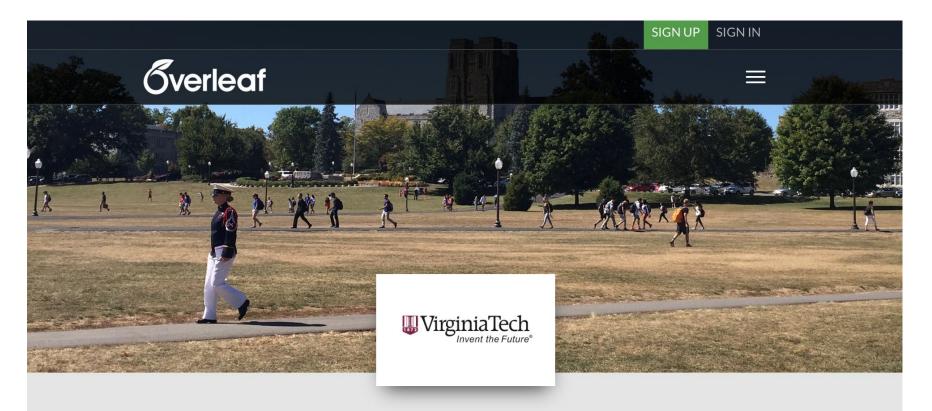
REBUS Community

Ab

The Rebus Community

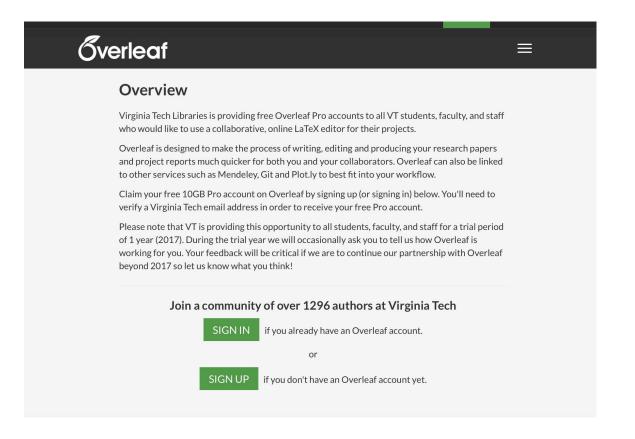
We are building a new collaborative model for open textbook publishing.

Planning to Share Your Work: Writing/Publishing Tools



Virginia Tech on Overleaf

Planning to Share Your Work: Writing/Publishing Tools





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Register

Log In











P Help & Support



About

Η

Welcome to *Humanities Commons*, the sharing and collaboration network for people working in and around the humanities. Discover the latest open-access scholarship and teaching materials, make interdisciplinary connections, build a WordPress Web site, and increase the impact of your work by sharing it in the repository. Brought to you by the MLA.

What Would You Like to Do?

View member profiles
Browse member Web sites
Discover Open Access scholarship and pedagogical resources

TOOLS TRY OUT



 Choose a subgroup to join to explore one tool: OSF, Overleaf, Rebus, Humanities Commons, or something else brought up

Report back to the full group

LUNCH

Discussion: What is Open Access?

"Open Access (OA) Literature is digital, online, free of charge, and free of most copyright and licensing restrictions."

—Peter Suber, Open Access (2012)

Scholarly Publishing Today

Peter Potter

Director, Publishing Strategy Virginia Tech Libraries

Scholarly Publishing Today The Players

Scholarly Societies

American Chemical Society, Institute of Electrical & Electronics Engineers, Brookings Institution

University Publishers

University presses Library publishers

- Commercial publishers
 Elsevier, Springer, Wiley, Sage
- A New Force: Non-profit, Open Access publishers

PLoS, BioMed Central









Scholarly Publishing Today Journals, books, and more

Global STM Market: \$26 billion

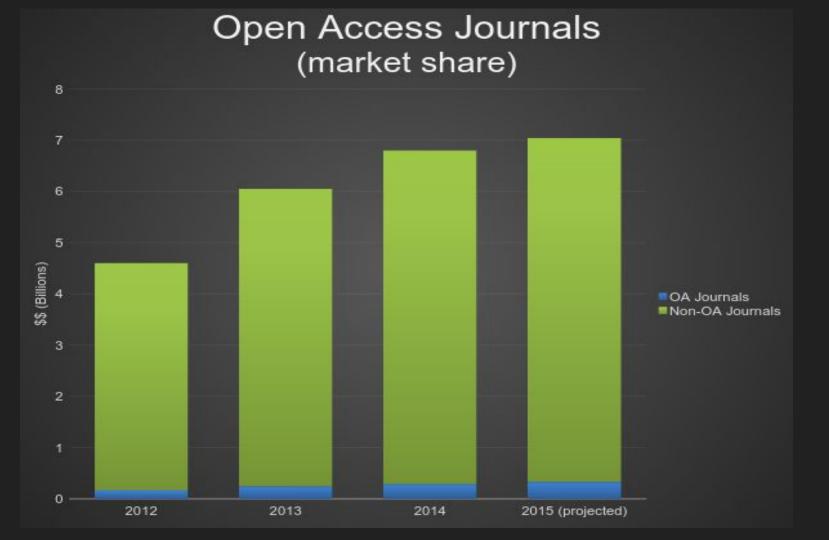
- Journals = 25% (\$6.8b)
- Books < 15%
- Technical info, standards, databases, tools, etc. > 40%

Open Access (OA)

- Growing but still small in revenue terms (\$300m)
- 11,467 OA journals in Directory of Open Access Journals
- Don't confuse OA with non-commercial
 - Full OA (Green & Gold) and Hybrid OA

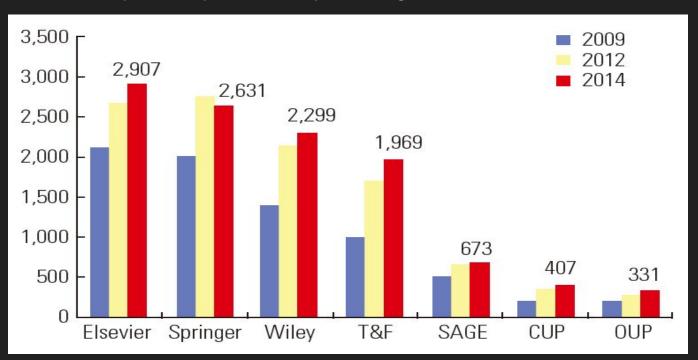






Scholarly Journals

Number of journals published by the Largest Publishers



Source: "The Big Picture: Scholarly Publishing Trends 2014," by Pippa Smart (Sci Ed 2014; 1(2): 52-57. http://dx.doi.org/10.6087/kcse.2014.1.52)

eBooks in the Academy

- Textbooks going digital
- Monographs struggling to gain a foothold
 - Often challenging to read on a hand-held device
 - Competing/conflicting technologies
 - Digital rights management (DRM)

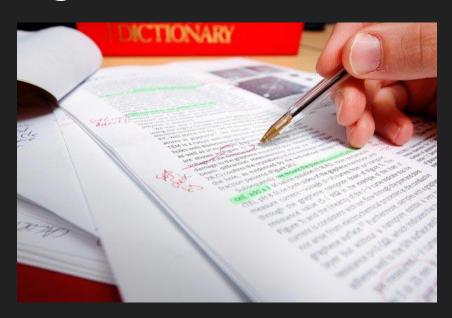






Scholarly Publishing Today: What Hasn't Changed?

- Submission process
- Peer review
- Contract
- Copy editing
- Publication



Scholarly Publishing Today: What *Has* Changed?

- Printing optional
- OA options
 - PLoS
 - BioMed Central
- Self publishing (Who needs a publisher?)
 - Preprints, Postprints
 - Repositories
 - ArXiv, PubMed Central



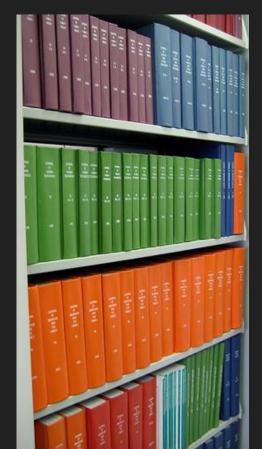


What to Expect When You're Expecting

(to publish an article or a book)

More Choices/More Risks

- More publishers (traditional & OA)
- New forms of peer review
- New formats
- Contracts, copyright, & licensing
- Editing, design, production
- Marketing
- Self publishing



Library Publishing at Virginia Tech

- 40+ journals hosted since 1989
- 12 active journals today
 - 3 student journals
- Open Textbooks
- Conferences
- Support for OA Publishing
 - Article subventions
 - Monograph subventions





George Whitesides. "Impact of technology on scientific articles." American Chemical Society. April 29, 2011. Available on YouTube.

Discussion: What is Open Access?

"Open Access (OA) Literature is digital, online, free of charge, and free of most copyright and licensing restrictions."

—Peter Suber, Open Access (2012)

Open licenses

Creative Commons Licenses

<u>about attributing cc-licensed works</u> <u>finding cc-licensed images</u> <u>brochure</u>









More information



Open access

Definition
Who's excluded
Two paths
Advantages
Misunderstandings
Uncertainties
Library services

Open Access Defined

- Definition
 - "Open-access (OA) literature is digital, online, free of charge, and free of most copyright and licensing restrictions" (Suber, 2004)
 - Creative Commons licenses

Who doesn't have access?

- Researchers at other institutions
- Researchers in the global south/developing countries
- Taxpayers
- Government policymakers
- Non-governmental organizations
- Alumni
- Citizen scientists
- Us

Two paths to open access

Archiving - Open Access Repositories ("Green OA")

Publishing - Open Access Journals ("Gold OA")

Advantages

- Citations
- Attention
- Openness is aligned with research integrity
- Text and data mining
- Use in teaching and research
- Efficient knowledge building and transfer

<u>Misunderstandings</u>

- Open access is a way to bypass peer review
- Open access will prevent me from receiving royalties
- Open access means publishing (1) in a journal (2) for a fee (3) that I have to pay out of pocket
- Open access will hurt my society
- Open access advocates think everything should be free

Common uncertainties

Which journals are legitimate?

Think Check Submit

<u>Ulrich's</u> Periodical Directory (limit to OA, peer review)

Directory of Open Access Journals

Ask us

Do I have the right to post my article?

Check your contract

Check Sherpa/Romeo

Negotiate or add an addendum

Learn about a potential faculty open access policy at VT

Library services

Open access guide, subvention fund, and discounts

Open access publishing - journals, conference proceedings, & books

VTechWorks and VTechData

Data consultations / data management plans, NIH, NSF

Copyright consultations

Tell Your Story: Impact & Engagement consultations and resources

Open educational resources guide, consultations & publishing

Overleaf

perma.cc

Stay informed: blog, twitter, email list





Images are: a screenshot of VTechWorks page, and (all others) CC0 public domain sourced from Pixabay

What do you want others to know about, find, and access?



- Works (publications, creative works, ...)?
- Teaching (course syllabi, educational materials)?
- Service and Association involvement?
- What else?

How are you sharing these now, if you are?

Sharing Your Work - Benefits & Considerations (Copyrights)

Access

Scholars, Developing world, Alumni, Taxpayers..... You?

Outreach

Networking, Blogging, Social media

Metrics

Open access citation advantage & altmetrics advantage



How do I know: what, where, and when I am permitted to post my work?

Your copyright agreement / contract

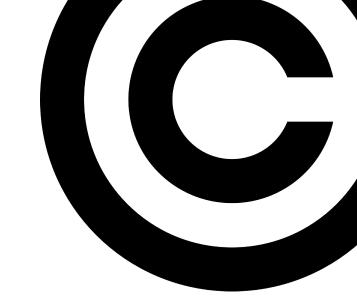
- Transfer or license?
- Terms of use archiving, posting, sharing, etc.

Sherpa romeo

95% accuracy with general publisher guidelines

Publisher guidelines

Check their website





Publisher copyright policies & self-archiving

0	ournal titles or	ISSNs (Publish	er nam	es
O E	xact title) st	arts with	O con	tains	O ISSN
		Advanced	Search	Search	Reset

Use this site to find a summary of permissions that are normally given as part of each publisher's copyright transfer agreement.

http://www.sherpa.ac.uk/romeo/index.php

Publication posting terminology

From SHERPA Open Access Glossary:

Submitted Manuscript ('Preprint')

"...a draft of an academic article or other publication before it has been submitted for peer-review or other quality assurance procedure as part of the publication process. Preprints cover initial and successive drafts of articles, working papers or draft conference papers."

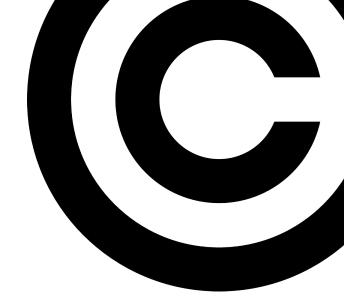
Accepted and Revised Manuscript ('Postprint')

"The final version of an academic article or other publication - after it has been peer-reviewed and revised into its final form by the author."

Repository (Institutional / Disciplinary)

"A website that aims to collect, preserve and proffer electronically the intellectual output of a subject or organisation [institution] without charge to the World"

VTechWorks is VT's Institutional repository





Publisher copyright policies & self-archiving

O Journal title	es or ISSNs (Publish	er name	es
 Exact title 	o starts with	O con	tains) ISSN

Use this site to find a summary of permissions that are normally given as part of each publisher's copyright transfe agreement.

http://www.sherpa.ac.uk/romeo/index.php

Journal's archiving/posting policies

Go to your Elements eFAR, or direct to SHERPA/RoMEO to look up the posting guidelines for one of your articles:

http://www.sherpa.ac.uk/romeo

Or, search one of these example journal titles:

- New England Journal of Medicine
- Contemporary Sociology

Language and Literature

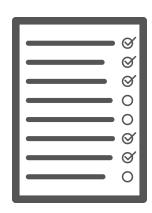
vtechworks@vt.edu

Online Identity Inventory (handout)

- Search for yourself on Google/Yahoo/Other: What do you find in the top 10 results?
- What profiles do you already have?





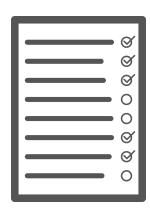


Online Identity Inventory

- Share your results and notes with a partner
 - What recommendations do you have for each other?

Goals Check-In

- Tomorrow we'll have hands-on time to work on your goals
- Check-in on what you have written down would you like to adjust or add anything?



See you on Tuesday!

- Lighting talk sign up
- 8am Breakfast (Torgerson 1100)
- 8:30am Session (Torgerson 3080)
- Done by 12noon



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Tuesday:

Welcome back!

Loose ends & planning for today
Lightning round talks
Influencing what people find
Your role in promoting your work
Group and individual breakout sessions
Reflection exercise

Services We Offer

- Open Access Subvention Fund Get financial help to publish your articles in OA journals
- Data Consultations: <u>Data Management Plans</u> | <u>dataservices@vt.edu</u>
 - Quick List: Data Services & Resources at VT Libraries
- VTechWorks Share your work publicly in the Library's Institutional Repository
- Open Access Publishing Publish your journals & conference proceedings with us
- Publishing Consultations Get help in publishing your work elsewhere
- Copyright Consultations Understand your rights and responsibilities as authors
- Open Education/Open Educational Resource Consultations & Publishing -Create, adapt, or customize openly licensed content to fit your courses
- <u>Tell Your Story: Impact & Engagement consultations and resources</u> Discuss what you're using and additional methods to optimize engagement with your work

Potential break out group topics?

- High impact, low effort tweeting
- Overleaf (or other specific platforms)
- Brainstorm: Showing the impact of teaching
- Helping others (or yourself) to navigate P&T
- What's my impact workflow? What do I do next?

Recap of Monday's session

Goals?

Questions?

Lightning Round Talks!



Professional Identity Management

Influencing What People Can Find and Promoting Your Work



Image by PeteLinforth via Pixabay

- Share your background, work, and interests
- Connect with researchers, potential collaborators, and potential postdocs

Managing Your Identity



Image by PeteLinforth via Pixabay

- Investigate your online identity
- Identify goals to improve your personal brand and your professional identity
- Select, develop, and maintain your identity using: website/portfolio page, social media, researcher profiles, professional association profiles
 - Professional association memberships → network with your professional community

Researcher Profiles and Professional Identity Management



Pixabay,

When you Googled yourself yesterday:

- 1. What came up?
- 2. Anyone with the same or similar name?

About Twitter. . .

Examples of Handles: @VTSandsman @NSF

Examples of Hashtag: #VirginiaTech #BeyondBoundaries

Schedule Tweets in advance (<u>Twimmer</u>, <u>Twuffer</u>)

100 ways to use Twitter in Education (by degree of difficulty)

IHE article: <u>Using Twitter to discuss your work</u>\

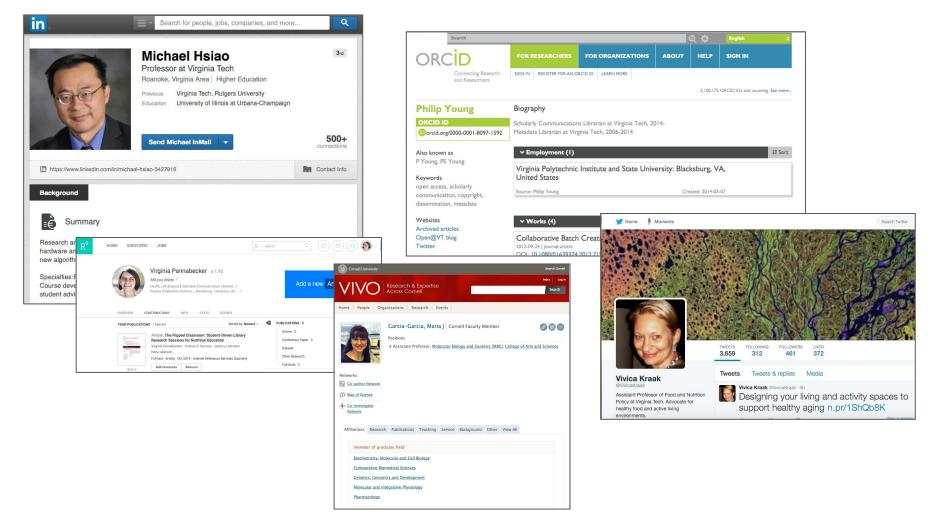
Chronicle article: <u>If you want to be an active Twitter user</u>

Developing Your Professional Identity

Consistency will improve the cohesiveness of your online personal identity. Develop a set of standard files and/or list of links for these pieces that you can keep on hand for setting up new tools or profiles:

- Your username
- Your photo
- Your bio
- Your work / CV → Copyright questions? Ask us!

Handouts with tips and readings on developing your professional identity are in this workshop's resources folder.



Researcher Profiles & Identifiers

Elements eFARs system

Internal VT profile and documentation system linked to outside data sources; ORCID, VTechWorks - will link to CollabVT



Unique Researcher Identifier, list of works and CV information *Non-profit | *Publisher- and funder-recognized | *You have control over content and links.





Researcher Profile, list of works, citation metrics

*For profit | *You have *some* control over content and links



Impactstory is an open-source website that helps researchers explore and share the the online impact of their research with data-driven stories.



Researcher Profile, list of works, platform-specific metrics
*Non-profit | *Open community | *You have control over content and links

ACADEMIA

Researcher Profile, list of works, citation metrics
*For profit | *You have *some* control over content and links



Researcher Profile, list of works, platform-specific metrics

*For profit | *You have *some* control over content and links

Researcher Profiles & Identifiers → Connections

Pulls from: ORCID, research databases, +; Imports: Bibtex,

Reference manager files; manual entry

Pulls from: Crossref, Scopus,
ResearcherID, +; Imports: BibTeX;
manual entry

Pulls from: secret source method (info)

Pulls from: ORCID / Scopus

Pulls from: Elements eFAR

Imports: BibTeX; manual entry

Pulls from: secret source method; **Imports**: Bibtex, Reference manager files, MODS, XML; manual entry

Elements eFARs system

ORCID



Google Scholar



[CollabVT]

ACADEMIA



Export: BibTex, Reference Manager, Excel, Word, and PDF; **Will push to**: CollabVT

Pushes to: Elements, ImpactStory, +; **Export:** BibTex, Reference Manager, Excel, Word, and PDF

Exports: BibTex, Reference Manager, CSV

Exports: JSON structured data

Pushes to: options managed by institution

Exports: CSV

None

Case study -

Anthropology graduate student who went into industry discusses Open Access

Get more ideas!



Image by ChristianHoppe via Pixabay,

Google a colleague:

- 1. What comes up?
- 2. What profiles do they have?

Interested in break out groups?

- Overleaf (or other specific platforms)
- Brainstorm how to show impact of your teaching
- Helping others (or yourself) to navigate the P&T process
- What's my impact workflow and what do I do next?

Wrap Up - and Thanks for attending!

Feedback: http://bit.ly/NLI-June13

Resources folder: https://tinyurl.com/NLI-GetNoticed

Keep in touch! blog, twitter, email list