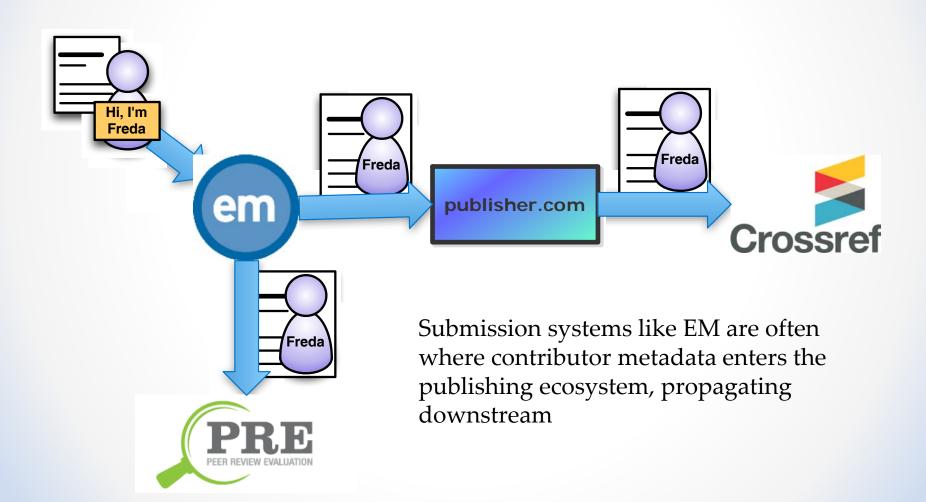




## EM: First Point of Contact



## PRE and PRE-val

Assessing the Quality of Peer Review

# Example: PRE

- Peer Review Evaluation
  - was PRE-Score, now PRE-Val
- Independent assessment of quality of peer review carried out by publications
  - Based on metadata from Peer Review systems
  - Articles get 'badge'; link through to summary of peer-review activities actually done
  - Available from point of publication
- Details of submission, reviewers and Editors passed to PRE-val.org to compile summaries
  - EM/PM can be configured to do this automatically, e.g. on Acceptance



### <metadata> PEER REVIEW </metadata>

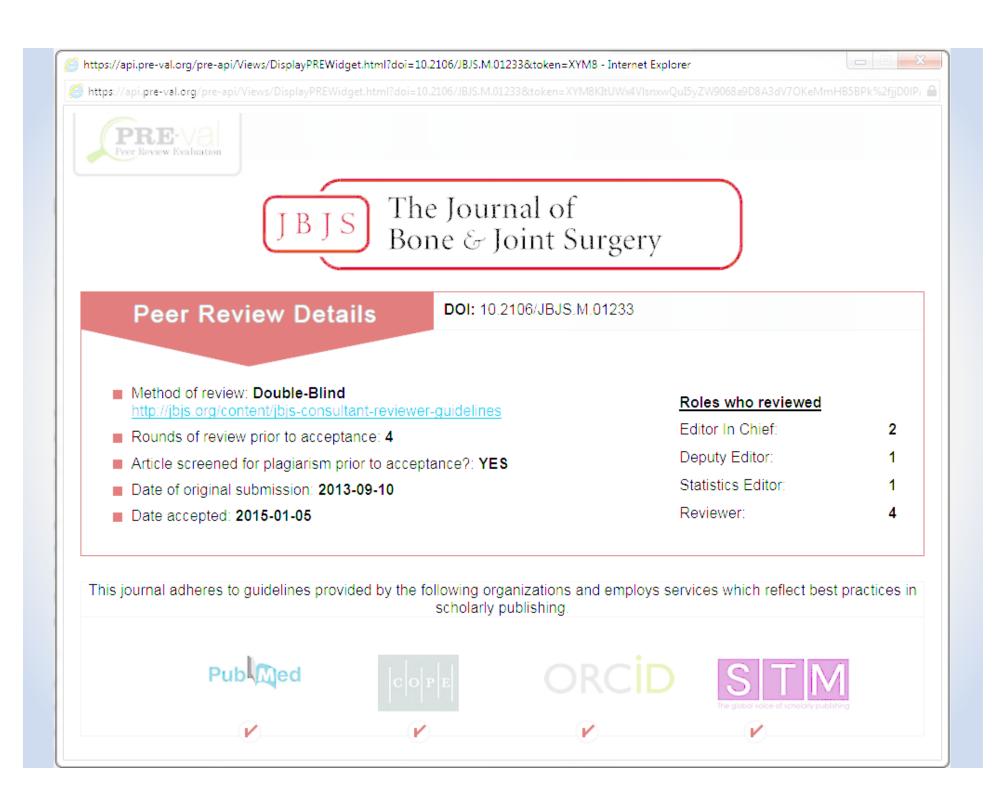


Publisher Manuscript Submission & Peer Review Tracking System



### Publisher places badge on:

- Journal article page
- Search results
- Aggregator sites Article metrics
- Anywhere else a signal of peer review is important



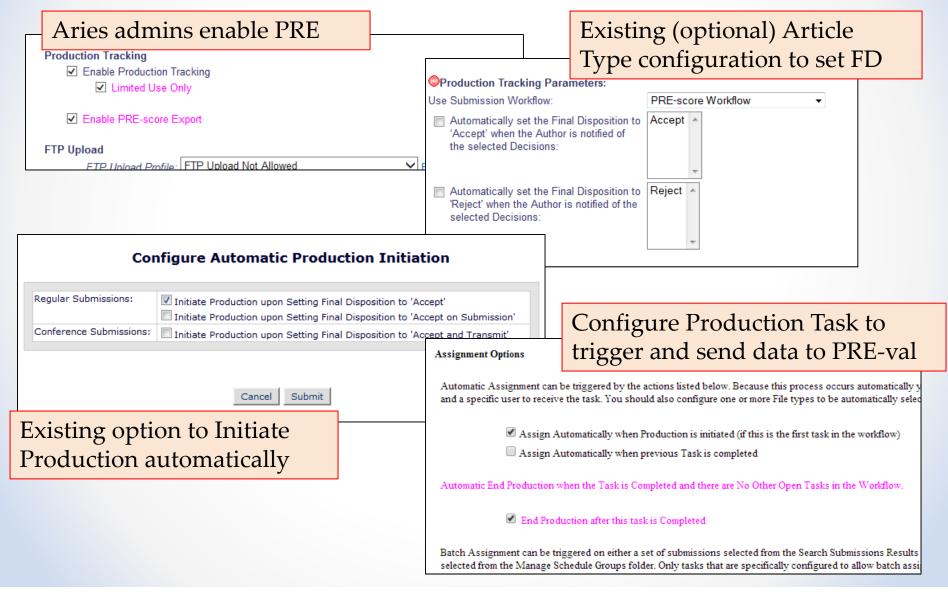
## EM & PRE-Val

- Transfer tied to Production Task; assign task to send information to PRE-val.
- However, new option to allow non-PM customers to have 'limited' production functionality
  - Setting FD can then trigger PRE-Val deposit.
- EM packages up all metadata required; all submission, revision, editor and reviewer details.
  - Publication's agreement with PRE-val.org determines what is then made public.

# Sample data sent

```
<REVIEW>
          <DATES>
                     <START_DATE>2014-01-23T17:05:21-05:00</START_DATE>
                     <END DATE>2014-01-23T17:08:51-05:00</END DATE>
          </DATES>
          <NAMF>
                     <TITLE>Dr.</TITLE>
                     <FIRSTNAME>Roger</FIRSTNAME>
                     <MIDDLENAME/>
                     <LASTNAME>Rabbit</LASTNAME>
                     <DEGREE>PhD</DEGREE>
          </NAME>
          <PEOPLE ID>175</PEOPLE ID>
          <PERSONAL_ATTRIBUTES>
                     <ROLE ID>555</ROLE ID>
                     <ROLE>Reviewer</ROLE>
          </PERSONAL ATTRIBUTES>
          [...]
                                                                                       Freda
          <PERSONAL IDENTIFIERS>
                     <IDENTIFIER AUTHENTICATED="false">
                               <NAME>ORCID</NAME>
                               <VALUE>0000-3000-0215-0250</VALUE>
                     </IDENTIFIER>
          </PERSONAL IDENTIFIERS>
</REVIEW>
```

# Configuration

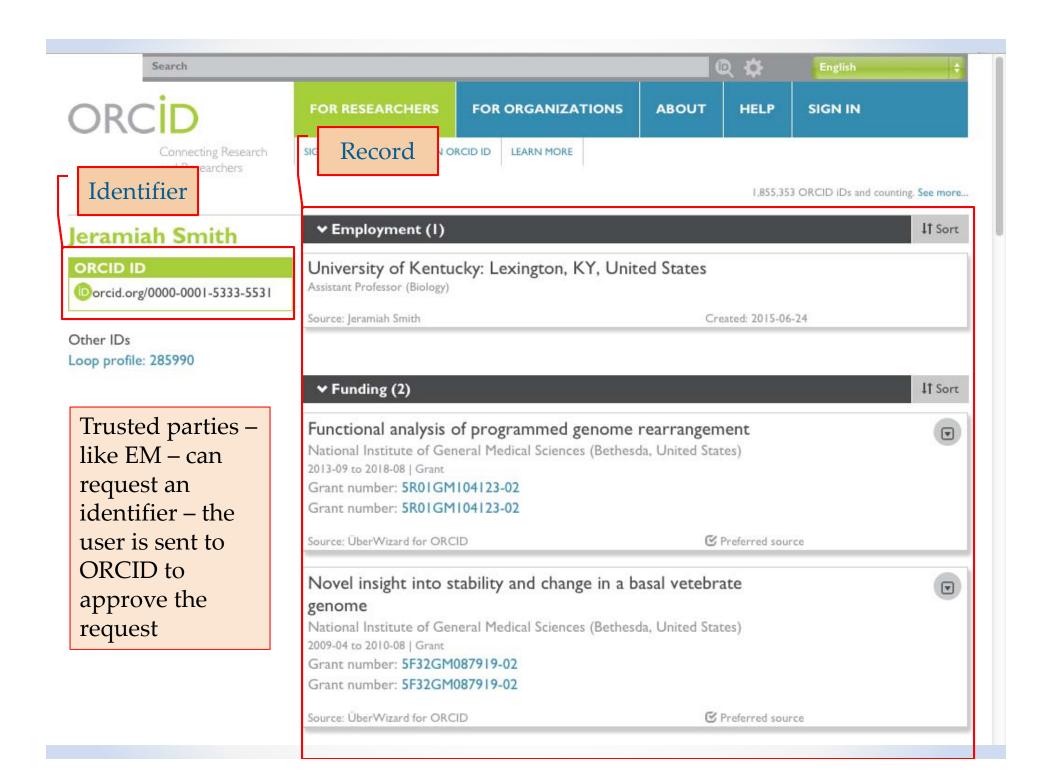


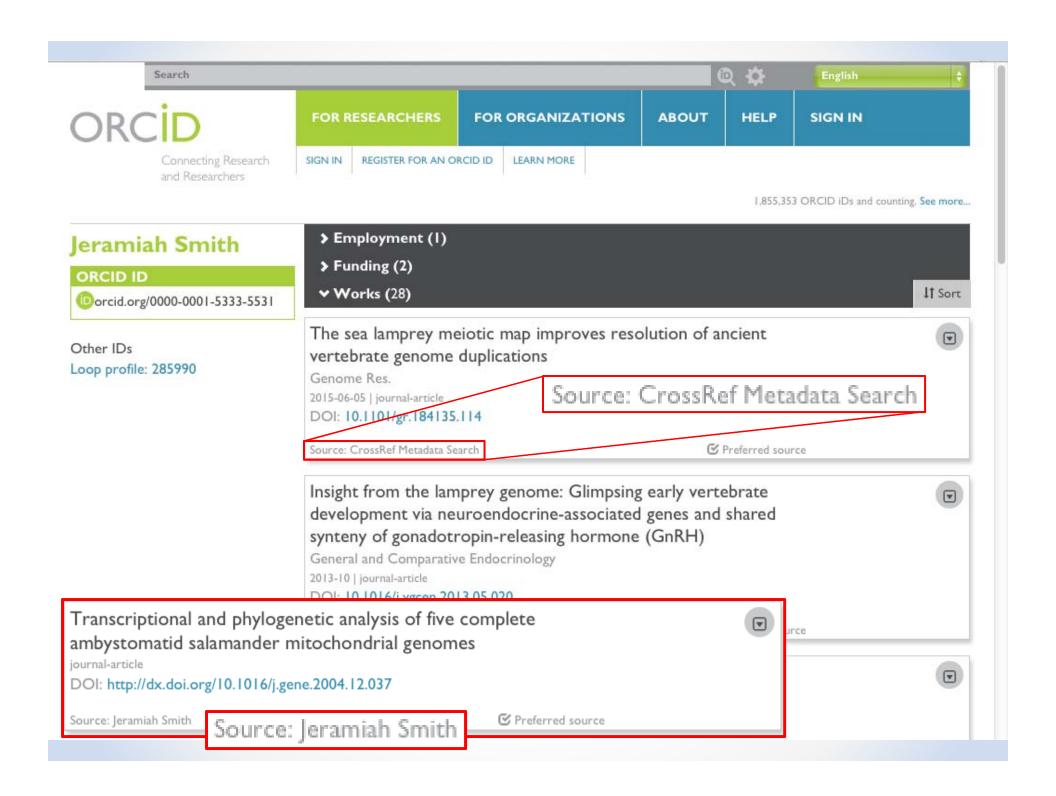
## ORCID iD

Standard Identifier for Researchers/Contributors

## ORCID iD

- Independent registry of unique identifiers for people active in academic publishing
- Sign up, get identifier PLUS associated Record
- Publishing industry gets benefits of disambiguation
- Individual gets benefits of formal recognition through:
  - Association of their ORCID iD with their published works
  - Updates of their ORCID record by authorized third parties





## EM & ORCID

- Aries was an early adopter
- ORCID implementation has evolved over time
- ORCID is gaining momentum. And note:

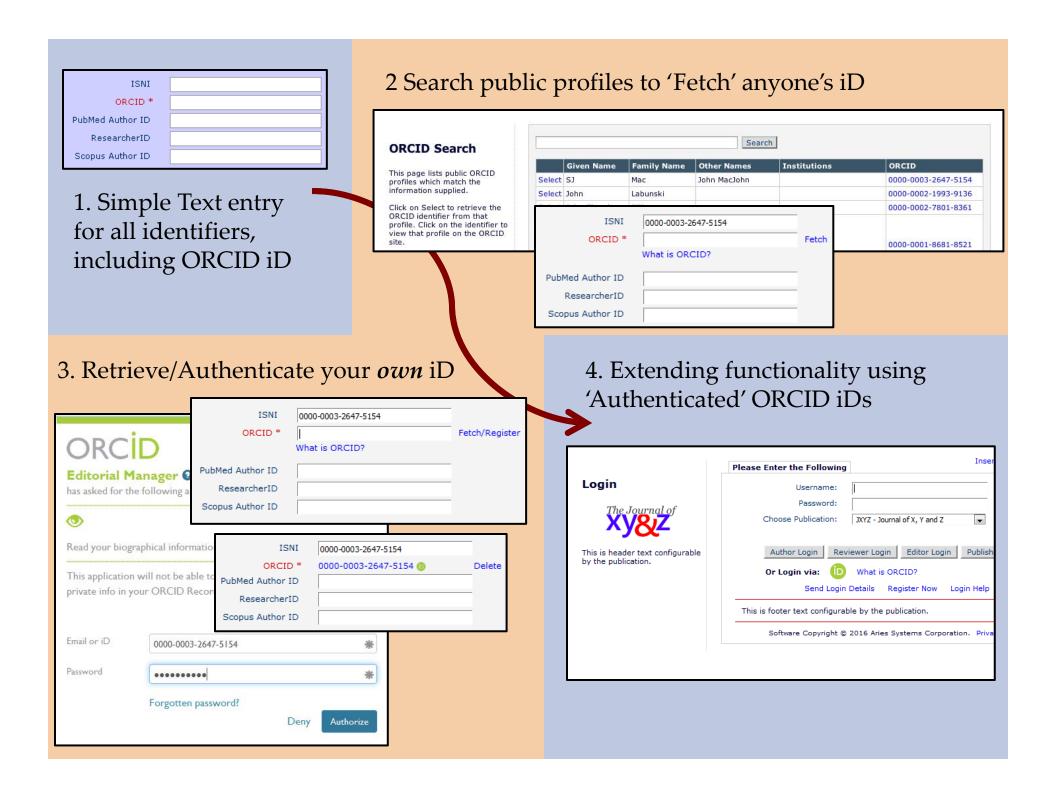
"We, the following journals and publishers, starting in 2016 shall be requiring ORCID iDs for authors, according to the best practices laid out above. We encourage other publishers to join us in this initiative. We hope that our action inspires the community, including researchers, research funders, and research institutions, to join us in adopting ORCID and making it easy for researchers to connect their iD to their contributions and affiliations."

- from Open Letter published on ORCID website, Jan 2016.

eLife, PLoS and The Royal Society were the initial signatories, with 5 more publishers subsequently adding their signatures, at the time of writing.

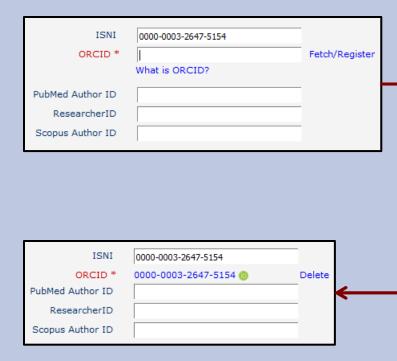
## Where in the Workflow?

- So far, ORCID iD entry/retrieval has been added to:
  - Registration Fields and Other Author fields
  - Submission workflow and Co-Author Validation ('Authenticated' iDs only; no text entry)
  - Other functionality where an ORCID is collected first.
    - o e.g. ORCID SSO
- o Planned:
  - Through Registration using ORCID Record metadata
  - New Deep link usable in any letter



# Trusting the ORCID

Fetch/Register link: user is logged into EM when an OAuth request is issued.



So we are confident this EM user 'owns' the associated ORCID Record.



And also has to log into their ORCID Record to get their iD sent to EM.

## 'Authenticated' is key

- Functionality relies on 'Authenticated' status:
  - E.g. an Authenticated ORCID iD is needed for ORCID Single Sign-On to work.
  - If not Authenticated, ORCID is not included in some exports/transmittals (only where there is an 'Authenticated' attribute.
  - So vital for identifying contributors.
- New checks for existing 'duplicate' records being built around the presence of Authenticated ORCID iDs.

## Maximizing Authentication

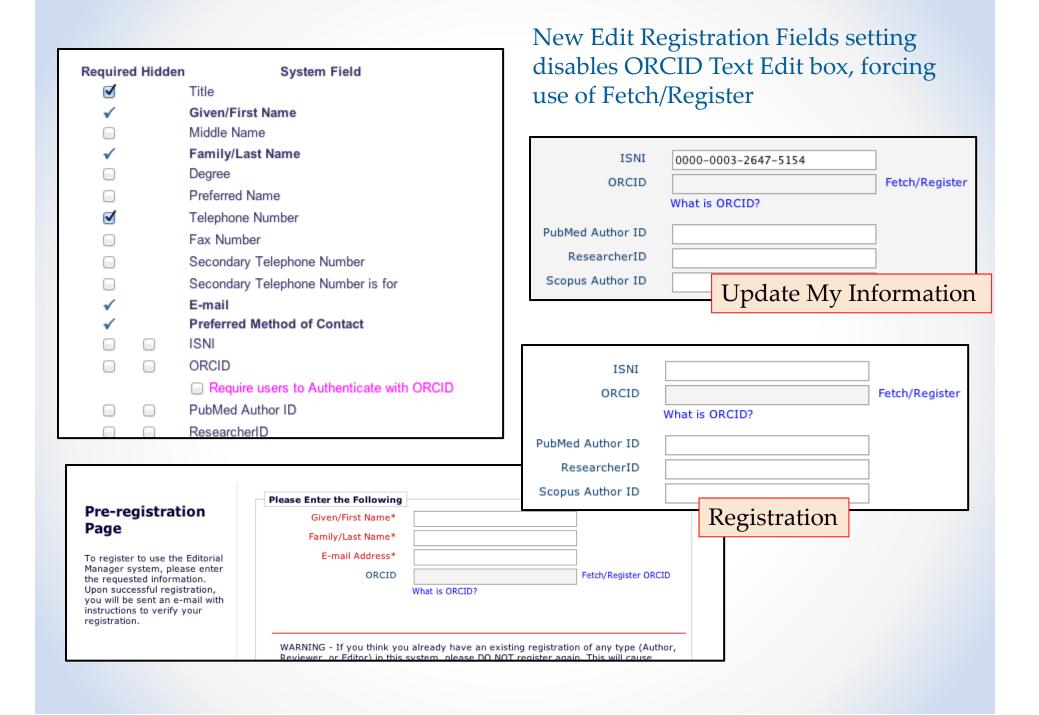
- Enable ORCID Request for Corresponding Authors on submission
- Enable Co-Author Verification, and enable ORCID Request during verification
  - Disable ORCID iD under 'Set Other Author Parameters'
- Hide ORCID iD under Proxy Registration (new)
- Use Author Status page to review Author ORCIDs & chase
- Suggest SSO as a benefit
- New functionality on the way to help!
  - To enforce Authentication when registering
  - To prompt any letter recipient to Authenticate an ORCID iD if they don't already have one

# Coming Up

New ORCID-related improvements in 13.x and beyond

## New Features in 13.x

- New setting to enforce Authenticated ORCIDs when registering
- New Deep Link for inclusion in any letter
  - Displays ORCID if Authenticated, link to Authenticate if not
- Option to Register via ORCID
  - Same basic interaction as retrieving ORCID now, but returns additional ORCID metadata:
  - Name; E-Mail; ORCID iD; Keywords; Institute address



### Link inserts ORCID iD OR link to Authenticate one

Dear Dr Smith:

Thank you for registering for Editorial Manager.

We ask that users retrieve their ORCID iDs via the secure Authorization process; if you already did this, you will see your ORCID iD below. If you see a link, please click it in order to retrieve your ORCID iD (you can register with ORCID if you do not yet have one).

Your ORCID iD: 001-1234-5555-987X is already linked and Authenticated.

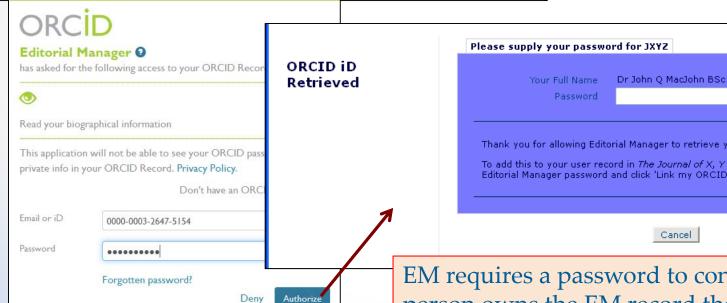
Dear Dr Smith:

Thank you for registering for Editorial Manager.

We ask that users retrieve their ORCID iDs via the secure Authorization process; if you already did this, you will see your ORCID iD below. If you see a link, please click it in order to retrieve your ORCID iD (you can register with ORCID if you do not yet have one).

Link and Authenticate your ORCID Profile

Best regards, JXYZ Editorial Office



Insert Special Character

Link my ORCID iD

Thank you for allowing Editorial Manager to retrieve your ORCID iD.

To add this to your user record in The Journal of X, Y and Z, please supply your Editorial Manager password and click 'Link my ORCID iD'.

Cancel

EM requires a password to confirm this person owns the EM record the link is for.

### Pre-registration Page

To register to use the Editorial Manager system, please enter the requested information. Upon successful registration, you will be sent an e-mail with instructions to verify your registration.



### **Registration Page**

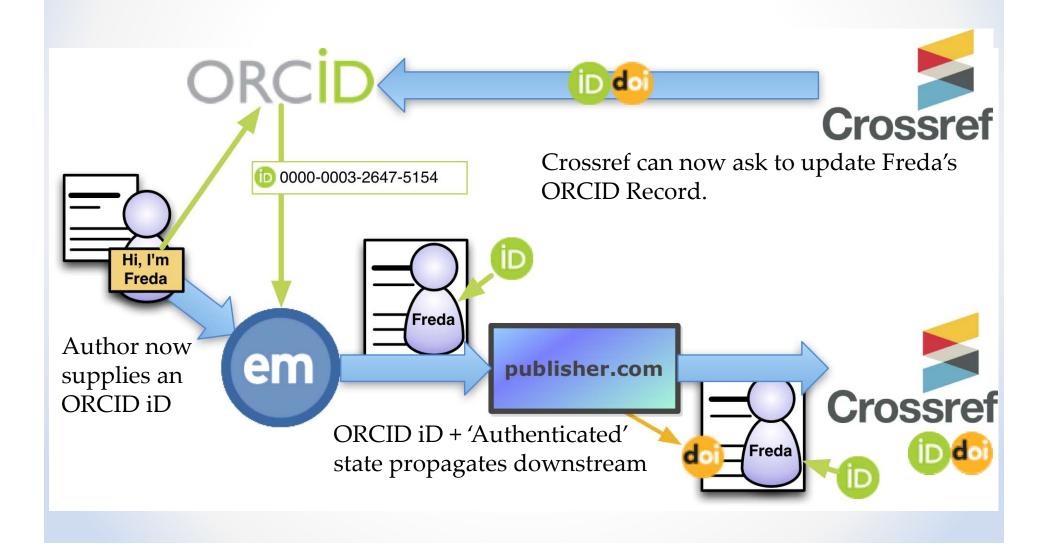
To register to use the Editorial Manager system, please enter the requested information. Required fields have a \* next to the label. Upon successful registration, you will be sent an e-mail with instructions to verify your registration.

	Insert Special Character	
Personal Information		
Title *	(Mr., Mrs., Dr., etc.)	ur biographical information
Given/First Name *	Arkady	lication will not be able to see your ORCID password, or othe
Secondary Given/First Name		nfo in your ORCID Record. Privacy Policy.
		Don't have an ORCID iD? Registe
Middle Name		Don't have an OrtCiD ID: Registe
Family/Last Name *	Strugatsky	D 0000-0003-2647-5154
Secondary Family/Last		
Name		***************************************
Degree	(Ph.D., M.D., etc.)	
Secondary Degree		Forgotten password?
Preferred Name	(nickname)	Deny
Primary Phone	(including country code)	
Secondary Phone	(including country code)	
Secondary Phone is for	Mobile Beeper Home Work Admin. Asst.	
Fax Number	(including country code)	
E-mail Address *	strugatsky@emtesting.co.uk	
	If entering more than one e-mail address, use a semi-colon between each address (e.g., joe@thejournal.com;joe@yahoo.com) Entering a second e-mail address from a different e-mail provider decreases the chance that SPAM filters will trap e-mails sent to you from online systems. Read More.	
Preferred Contact Method *	E-mail Fax Postal Mail Telephone	
ISNI		
ORCID	0000-0001-9602-1196 (b) Delete	
PubMed Author ID		

## Attribution via ORCID

Closing the loop

# Crediting a Contributor via ORCID





		☐ Show archived	
From	Subject	Date	
CrossRef	Request to add a work to your record	2015-10-06	1

### **ORCID Inbox:**

Allows 'offline' request for permission to update an ORCID.

ORCID E-mails the user, who comes in to authorize it.

CrossRef now has ongoing permission to update this ORCID Record in future.

From Subject Date Show archived

\* CrossRef Add your published work(s) to your ORCID record 2015-10-06 ♣

Hi, we're Crossref. Our member publishers send us publication information (including ORCID iDs and DOIs), and we ensure that your work can be found, linked and cited. We would like to auto-update your ORCID record with information about these published work(s), starting today with those listed below, so you don't have to search for and add them manually, now or in the future. Please click 'Grant permissions' below to set this up.

### → Works (I)

The existence of k -gonal curves possessing exactly two linear systems g 1 k http://dx.doi.org/10.1007/s002080050034

CrossRef would like your permission to interact with your ORCID Record as a trusted party?

Archive without granting permissions



### About CrossRef

Establishes an author's claim when a work is deposited with CrossRef.

You have received this message because you have opted in to receive notifications from organizations that help maintain the information in your ORCID record. Learn more about how the process works.

## **CRediT**

Standardizing and Expanding Contributor Attribution

## **CRediT**

- <u>Contributor Roles Taxonomy</u>
- CASRAI activity to develop a way to classify contributor roles
  - Working Group delivered a taxonomy of 14 Roles
- Expanding attribution beyond Corresponding Author/Co-Author
- EM will collect these
- ORCID will support the taxonomy
  - So more contributors, not just authors, can be recognized by updating their ORCID Record

# CRediT Taxonomy

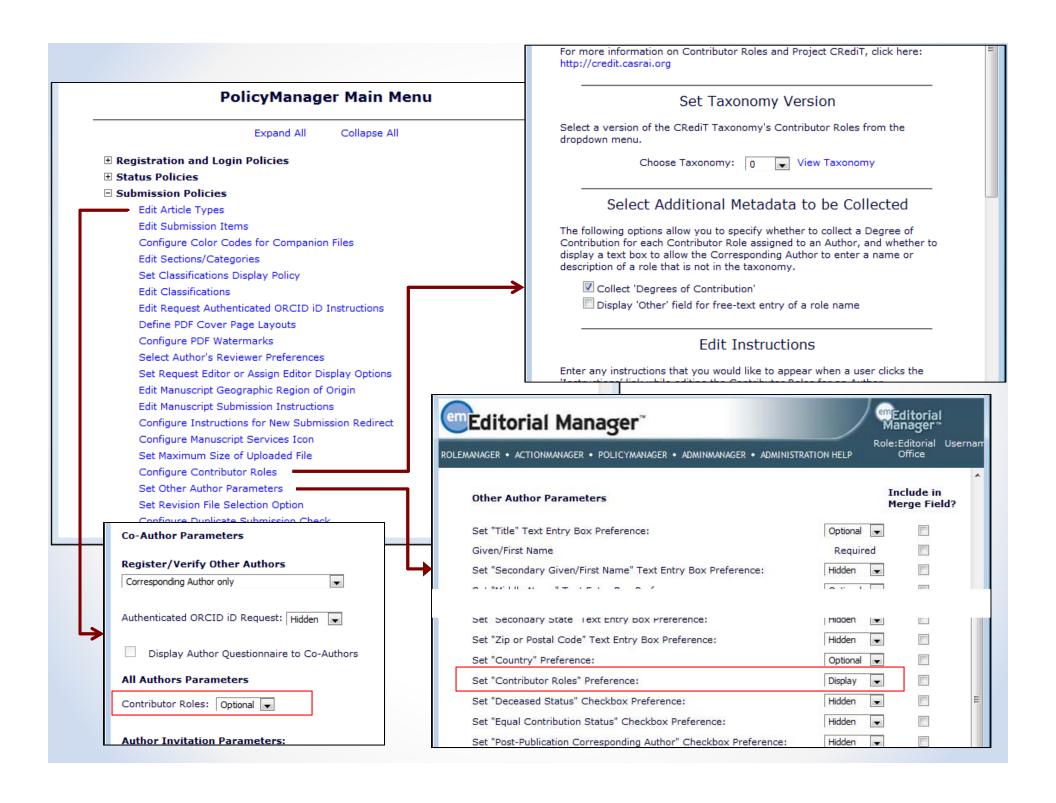
- 1. Conceptualization
- 2. Data curation
- 3. Formal analysis
- 4. Funding acquisition
- 5. Investigation
- 6. Methodology
- 7. Project administration

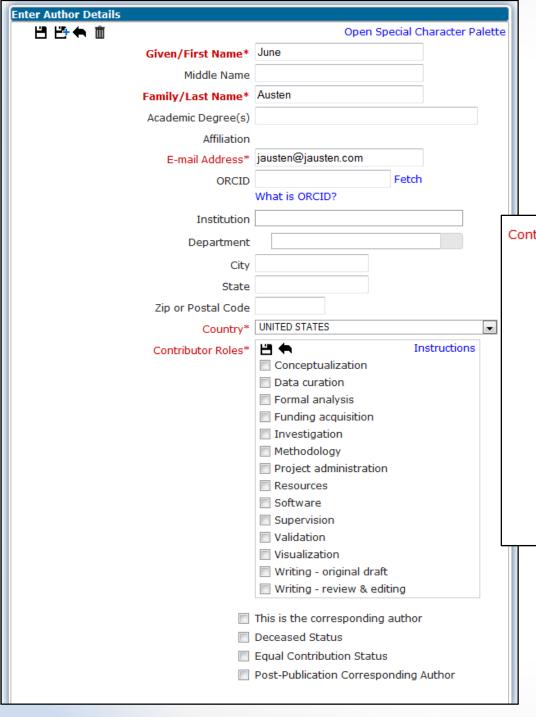
- 8. Resources
- 9. Software
- 10. Supervision
- 11. Validation
- 12. Visualization
- 13. Writing original draft
- 14. Writing review & editing

Also optional 'Degree of Contribution': Lead, Equal or Supporting

## CRediT in EM

- Available to all customers
  - Configured per Other Author fields, but has mandatory/optional set by Article Type
- Submitting Author sets Roles for each author they add
  - Including 'Degree of Contribution' if enabled
- Displayed where 'authors' were previously listed
- Output in transmittals





Once enabled, the submitting Author can provide detailed Contributor Roles for each named Additional 'Author'

Contributor Roles*		Instructions
	Conceptualization	
	Data curation	
	Formal analysis	Select degree
	Funding acquisition	Select degree 🕏
	Investigation	Supporting
	Methodology	Equal
	Project administration	
	Resources	
	Software	
	Supervision	
	Validation	
	Visualization	
	Writing - original draft	
	Writing - review & editing	

With a 'degree' of contribution for each checked Role if desired.

### Author Details for Manuscript Number: JANETDEV121-D-15-00013 **Typhoon Lagoon on Mars** Close View Author Questionnaire Summary **Corresponding Author Status** Affiliation Contributor Roles E-mail Address Order Author Name ORCID Academic Options Degree(s) Conceptualization BS MS PhD St. Mary's Maney M. Alexander jswatski@ariessc.com View Author Details College Funding acquisition Methodology Project administration Supervision

Contributor Roles then display as Author metadata in the EM UI

**View Author Detail** 

#### Other Author Status Contributor Roles E-mail Address Order Author Name Affiliation | Confirmed? Degree(s) June Author Formal analysis jswatski@ariessys.com No Response Resend Letter Software View Author ( Writing - original Questionnaire draft June Bug Data curation jswatski@ariessys.com No Response Resend Letter Writing - revise & View Author D editing Questionnaire To update the Co-Author's e-mail address that is associated with the submission, please click on the 'Edit' link. To save your changes p

To resend letters to all Other Authors with a status of 'No Response' and send letters requesting verification to Other Authors who have notified, click the 'Send Letters' button. To send an individual letter, please use the link next to that Author's name.

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Close

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# Passing it on...

- Standard Taxonomy=common vocabulary
- Other systems will recognize these terms
- Can be included in EM Transmittal forms
- EM will include in JATS using existing tag suite
  - JATS also considering extending standard in new version
- ORCID intend to use this taxonomy

# Example: Open Badges

Making use of the CRediT taxonomy

# Contributor Badges

- Mozilla labs/BioMed Central project
- Graphical representation of the taxonomy as 'badges' or 'awards'



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Discussion

Materials and methods

Availability and requirements

Availability ...

Abbreviations

Competing interests

Authors' contributions

Acknowledgements

References

**Technical Note** 

**Open Badges** 

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Author Affiliations

Open Access

### GWATCH: a web platform for automated gene association discovery analysis

Anton Svitin 1 \*+ , Sergey Malov 1 2 + , Nikolay Cherkasov 1 + , Paul Geerts 3 , Mikhail Rotkevich 1 , Pavel Dobrynin<sup>1</sup>, Andrey Shevchenko<sup>1</sup>, Li Guan<sup>1</sup>, Jennifer Troyer<sup>4</sup>, Sher Hendrickson<sup>5</sup>, Holli Hutcheson Dilks<sup>6</sup>, Taras K Oleksyk<sup>7</sup>, Sharyne Donfield<sup>8</sup>, Edward Gomperts<sup>9</sup>, Douglas A Jabs<sup>10</sup>, Efe Sezgin<sup>11</sup>, Mark Van Natta<sup>11</sup>, P Richard Harrigan<sup>12</sup>, Zabrina L Brumme<sup>14</sup> and Stephen J O'Brien 115\*

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# Passing it on...



Transcriptional and phylogenetic analysis of five complete ambystomatid salamander mitochondrial genomes



iournal-article

DOI: http://dx.doi.org/10.1016/j.gene.2004.12.037







**Disclaimer**: this mockup is purely conjectural and for illustrative purposes only; it has NOT been endorsed by ORCID or CrossRef!

Thank You!