Exploring ORCID

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LTER Network Communications Office

Plain text names in metadata

Levy, Ofir, Dayan, Tamar, Porter, Warren P., and Kronfeld-Schor, Noga. 2016. **Data from: Foraging activity pattern is shaped by water loss rates in a diurnal desert rodent.** Dryad Digital Repository.
http://dx.doi.org/10.5061/dryad.1fg41?ver=2016-08-01T09:34:06.094-04:00.

Ofir Levy, Lauren B. Buckley, Timothy Keitt, and Michael J. Angilletta Jr.. 2016. **Data from a dynamically downscaled projection of past and future microclimates covering North America from 1980-1999 and 2080-2099.** KNB Data Repository.
doi:10.5063/F1Z899CZ.

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DataONE

Name ambiguity

- Harvested Names from DataONE network
  - 57,000 to 223,898 individuals in 160K metadata docs
  - Many lack email or other distinguishing property

2,468,959 ORCID iDs and counting. See more...

Matthew B. Jones

ORCID ID
iD orcid.org/0000-0003-0077-4738

Also known as ▼
Matthew Bentley Jones

Country ▼
United States

Keywords ▼
ecology, information science,
informatics, computer science

Websites ▼
Personal Site
NCEAS

Other IDs ▼
Scopus Author ID: 55212461300
ResearcherID: J-9310-2013

❯ Employment (1)   ⇅ Sort

University of California Santa Barbara: Santa Barbara, CA, United States
1996-01 to present (National Center for Ecological Analysis and Synthesis)

Director of Informatics R&D

Source: Matthew B. Jones   Created: 2016-02-04

❯ Funding (19)   ⇅ Sort

Codemeta: A Rosetta Stone for Metadata in Scientific Software   ▼
National Science Foundation - Directorate for Computer & Information Science & Engineering (Arlington, United States)
2015-10 to 2016-09 | Grant
Grant number: 1549758
Alternate URL: https://grants.uberresearch.com/100000083/1549758/Codemeta-A-Rosetta-Stone-f...

Source: ÜberWizard for ORCID   ☑ Preferred source

Beyond Data Discovery: Shared Services for Community Metadata Improvement   ▼
National Science Foundation - Directorate for Computer & Information Science & Engineering (Arlington, United States)
2015-05 to 2018-04 | Grant
Grant number: 1443062
Alternate URL: https://grants.uberresearch.com/100000083/1443062/Beyond-Data-Discovery-Shar...

Source: ÜberWizard for ORCID   ☑ Preferred source

ORCID and ISNI

ORCID

- 16 digit
- Globally unique
- Assigned by ORCID
- Must be claimed
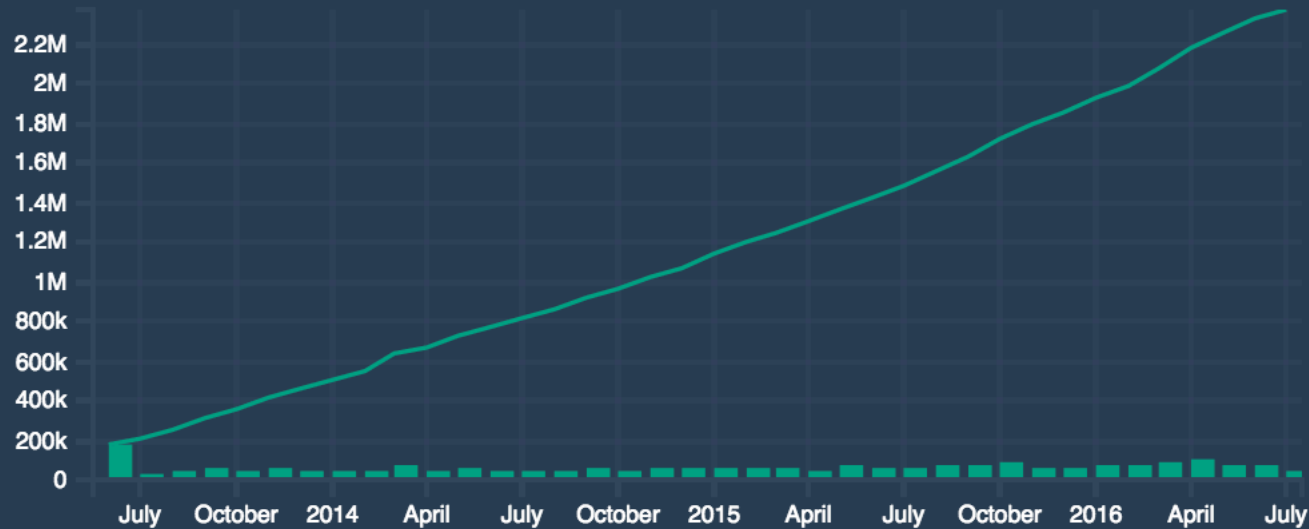- Associated with works
- Reserved block of ISNIs
- Inaccessible people

isni

- 16 digit
- Globally unique
- Assigned by RAs
- Quality rules for contributors
- ISO standard

- Anybody?

0000-0003-0077-4738
Matthew B. Jones
http://orcid.org/0000-0003-0077-4738

0000 0000 4634 1733
Bertram Ludäscher

DataONE

ORCID Growth from Project Thor

http://dashboard.project-thor.eu/dashboard/researcher/

EML Responsible Party

```xml
<creator>
  <individualName>
    <givenName>Ofir</givenName>
    <surName>Levy</surName>
  </individualName>
  <organizationName>School of Life Sciences, Arizona State University</organizationName>
  <electronicMailAddress>levyofi@gmail.com</electronicMailAddress>
  <userId directory="http://orcid.org">http://orcid.org/0000-0003-0920-1207</userId>
</creator>
```
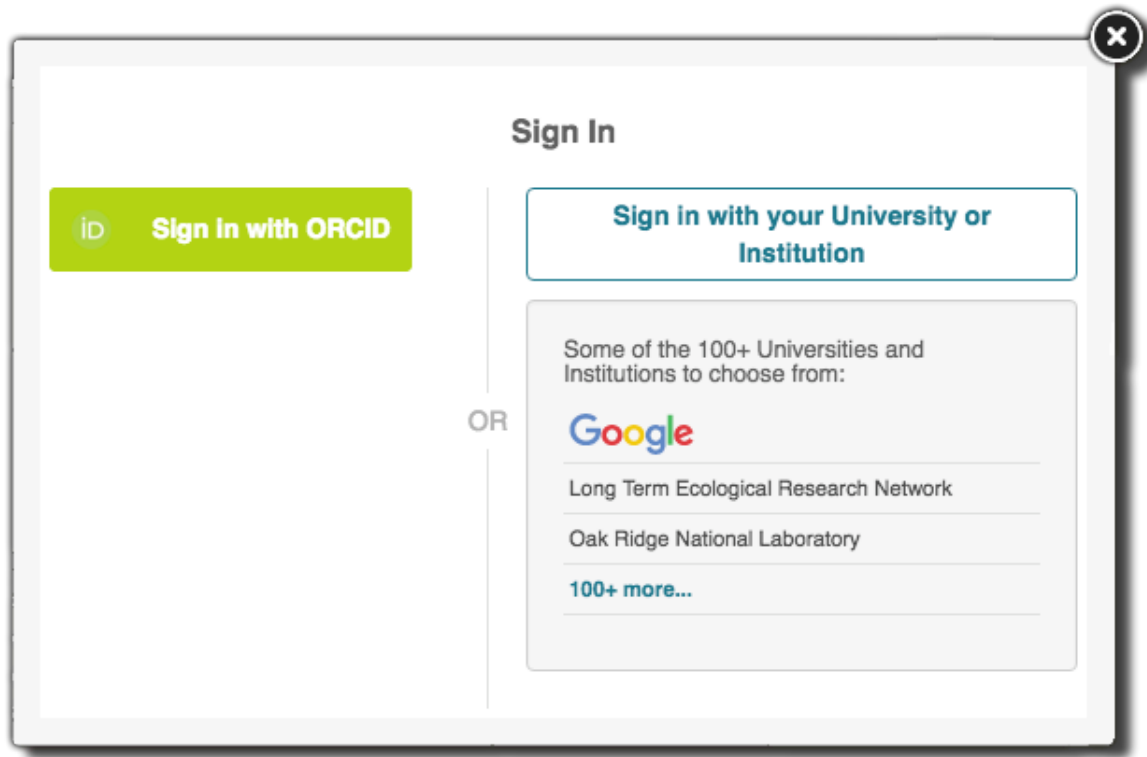
DataONE Authentication

- Universal ID for researchers

DataONE User Profile

- Link identities
  - LDAP Distinguished Names
  - ORCIDs
- Group membership
- Cross-repository user profile

Edit information

Username	http://orcid.org/0000-0003-0077-4738
First name	Matthew B.
Last name	Jones
Email	jones@nceas.ucsb.edu

Save

My Other Accounts

If you have uploaded data with another account(s), you can link your accounts together so that you can log in with just one and manage **all** your data.

Matthew Jones
Username: CN=Matt Jones A729,O=Google,C=US,DC=cilogon,DC=org ✖

Add Another Account

Search by username, email, or name OR enter a full username below.

Username or Name (cn=me, o=my org...) ✚

User Profiles

Proposal for discussion

- ORCIDs for user identity for current researchers
- Add ORCIDs to EML `userId` field
  - Use URL form of ORCID
- Use ORCIDs in access lists
- Use ORCIDs in group membership
- Link ORCIDs to LDAP identities

- Issues
  - Getting people to sign up / confirm
  - Historical user identities
    - ISNI? How to mint these?
    - Alternatives?
  - Organization Identifiers