Research Organization Registry (ROR): Open organization identifiers to connect research

Maria Gould
California Digital Library
ROR Project Lead
@ResearchOrgs
ROR is a community-led registry of open, sustainable, usable, and unique identifiers for every research organization in the world.
Which institutions are associated with which research outputs?
Publishers

Identify institutions associated with published works

Funders

Identify research projects supported by a specific funder

Institutions

Identify research published by researchers at the university
Institution names can have many forms

University of Tokyo
Tokyo University
Different institutions can have similar names

Kyoto University
Kyoto University of Education
A unique persistent identifier to disambiguate institution names

https://ror.org/057zh3y96

University of Tokyo
Tōkyō Daigaku, Todai, Utokyo, UT, 東京大学

Website
http://www.u-tokyo.ac.jp/en/

Other Identifiers
GRID grid.26999.3d
ISNI 000000012151536X
Crossref Funder ID 501100004721
Wikidata Q7842
A unique persistent identifier to disambiguate institution names

Kyoto University

Kyoto University of Education
Open registry that anyone can access

https://ror.org/search

100,467 Organizations

Texas Southern University
TSU
WEBSITE
http://www.tsu.edu/about/
OTHER IDENTIFIERS
GRID grid.2647711
ISNI 0000000121736488
Wikidata Q626591

New School
THE NEW SCHOOL FOR SOCIAL RESEARCH, NEW SCHOOL UNIVERSITY, LA NUEVA ESCUELA
Additional metadata for disambiguation, discoverability, and interoperability

https://ror.org/057zh3y96

University of Tokyo
TÔKYÔ DAIGAKU, TODAI, UTOKYO, UT, 東京大学

WEBSITE
http://www.u-tokyo.ac.jp/en/

OTHER IDENTIFIERS
GRID grid.26999.3d
ISNI 000000012151536X
Crossref Funder ID 501100004721
Wikidata Q7842
Interoperability with other organization identifiers

https://ror.org/057zh3y96

University of Tokyo
TOKYO DAIGAKU, TODAI, U TOKYO, UT, 東京大学

WEBSITE
http://www.u-tokyo.ac.jp/en/

OTHER IDENTIFIERS
GRID grid.26999.3d
ISNI 000000012151536X
Crossref Funder ID 501100004721
Wikidata Q7842
ROR identifies top-level affiliations for research outputs

ROR does not include all units within organizations
The registry provides identifiers to connect organizations to outputs.

ROR IDs are not legal entity identifiers or markers of quality or prestige.
Open API and open dataset that can be integrated into any system
Designed for research workflows

1. Submit article/dataset in system integrated with ROR
2. Identify affiliation from ROR’s controlled list
3. Metadata for research output includes ROR ID
4. Track and discover research by affiliation
Open API and open dataset that can be integrated into any system

<table>
<thead>
<tr>
<th>Dataset: Basic Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dataset Title</strong></td>
</tr>
<tr>
<td>My Submission</td>
</tr>
<tr>
<td><strong>Author(s)</strong></td>
</tr>
<tr>
<td>First Name</td>
</tr>
<tr>
<td>Rene</td>
</tr>
<tr>
<td>Last Name</td>
</tr>
<tr>
<td>Researcher</td>
</tr>
<tr>
<td><strong>Institutional Affiliation</strong></td>
</tr>
<tr>
<td>university of tokyo</td>
</tr>
<tr>
<td>University of Tokyo</td>
</tr>
<tr>
<td>University of Tokyo Hospital</td>
</tr>
<tr>
<td>University of Tokyo Health Sciences</td>
</tr>
<tr>
<td>Tokyo University of Agriculture</td>
</tr>
<tr>
<td><strong>Author Email</strong></td>
</tr>
<tr>
<td><a href="mailto:rene@researcher.edu">rene@researcher.edu</a></td>
</tr>
</tbody>
</table>
Supported in research metadata

<identifier identifierType="DOI">10.7272/Q6HD7SV7</identifier>
<creators>
  <creator>
    <creatorName>Macquarie, Charles</creatorName>
    <nameIdentifier nameIdentifierScheme="ORCID" schemeURI="http://orcid.org/">0000-0003-0229-0761</nameIdentifier>
    <affiliation affiliationIdentifier="https://ror.org/043mz5j54" affiliationIdentifierScheme="ROR">University of California, San Francisco</affiliation>
  </creator>
  <creator>
    <creatorName>Tang, Rebecca</creatorName>
    <affiliation affiliationIdentifier="https://ror.org/043mz5j54" affiliationIdentifierScheme="ROR">University of California, San Francisco</affiliation>
  </creator>
  <creator>
    <creatorName>Krah, David</creatorName>
    <affiliation affiliationIdentifier="https://ror.org/043mz5j54" affiliationIdentifierScheme="ROR">University of California, San Francisco</affiliation>
  </creator>
  <creator>
    <creatorName>Ilieva, Polina</creatorName>
    <nameIdentifier nameIdentifierScheme="ORCID" schemeURI="http://orcid.org/">0000-0002-6121-100X</nameIdentifier>
  </creator>
</creators>
Interoperability with other identifiers for scholarly research
Recap: What is ROR?

- Open registry of identifiers and metadata for research organizations
- Open tools and services to support implementations
Recap:
Aims and scope

- Top-level affiliations
- Connect research organizations to research outputs
- ROR ID does not signify quality or prestige
Recap: Why ROR?

- Non-commercial, fully open (CC0) registry
- Public API, data dump
- Specifically focused on research affiliations
- Community-led project
- Supported in Crossref, DataCite, ORCID systems
Do more with ROR!
Suggest additions/changes to registry records

https://ror.org/curation
Integrate ROR in your systems (or ask service providers to integrate ROR)

- Disambiguate organizations using ROR API/dataset
- Produce metadata with ROR IDs included
- Consume metadata with ROR IDs included
Participate in community meetings
Let’s ROR together!

https://ror.org
info@ror.org