WHAT IS ORCID?

• An identifier for researchers
• A registry
• A set of standard procedures (APIs) for connecting researchers to their affiliations and activities
• A committed community building connectors
• An international-scale open research effort
THE ORCID COMMUNITY

- 1000+ members from 45 countries
- 700+ system connectors: all research sectors
- Over 6 million researchers
- Consortia in:
  - Americas: Brazil, Canada & United States
  - EMEA: UK, Norway, Finland, Sweden, Netherlands, Belgium, Germany, Italy, Portugal, Greece, South Africa
  - APAC: Australia, New Zealand, Taiwan
The diagram illustrates the connections between a researcher and various entities through an ORCID record. Here are the key points:

**Researcher**
- Gives permission to COLLECT iD and access the record.
- Registers & manages ORCID record.

**University**
- CONNECTS affiliation
- Employment: XXX University
  - Source: XXX University (ID139)

**Funder**
- CONNECTS grant
- Funding: YYY Foundation, Grant #123
  - Source: YYY Foundation (ID45)

**Publisher**
- CONNECTS publication
- Works: Book, Chapter, 2016
  - Source: ZZZ Publisher (DOI:675)

The ORCID record contains detailed information including:
- **ORCID ID**: orcid.org/xxxx-xxxx-xxxx-xxxx
- **Basic information**:
  - Other names
  - Email addresses
  - Biography
- **Account settings**
- **Activities & affiliations**
INTEROPERABILITY

PUBLISHER
Assert Authorship

CONNECT

COLLECT

CONNECT

EMPLOYER
Assert Affiliation

CONNECT

COLLECT

RESEARCHER
0000-0001-2345-6789

CONNECT

CONNECT

CONNECT

FUNDER
Assert Award
# Biography

Laurel L. Haak, PhD, is the Executive Director of ORCID, an international and interdisciplinary non-profit organization dedicated to providing the technical infrastructure to generate and maintain unique and persistent identifiers for researchers and scholars.

## Employment (2)

<table>
<thead>
<tr>
<th>ORCID: Bethesda</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-04-09 to present</td>
</tr>
<tr>
<td>Employment</td>
</tr>
<tr>
<td>Source: Laurel L Haak</td>
</tr>
<tr>
<td>Preferred source</td>
</tr>
</tbody>
</table>

## Education and qualifications (2)

<table>
<thead>
<tr>
<th>Stanford University School of Medicine: Stanford, California</th>
</tr>
</thead>
<tbody>
<tr>
<td>to 1997</td>
</tr>
<tr>
<td>Education</td>
</tr>
<tr>
<td>Source: Laurel L Haak</td>
</tr>
<tr>
<td>Preferred source</td>
</tr>
</tbody>
</table>
EVIDENCE OF INSTITUTIONAL VALUE

Analysis of time/staff savings achieved by implementing ORCID from around the world

**UK:** 0.2 – 0.4 FTEs per institution

**Portugal:** 100,000 researcher hours per year

**Australia:** 15-30 minutes per grant application

2. Cátia Laranjeira, FCT - Fundação para a Ciência e a Tecnologia
3. Australian Research Council governance meeting, September 2018

"Having ORCIDs for most of our researchers has helped in providing authoritative accounts in our various databases, ensuring accuracy in reviewer identities, and helping editors find reviewers and check expertise."

—Brooks Hanson, Executive Vice President, Science, American Geophysical Union
ORCID Implementation
# VENDOR CONNECTIONS

## Publishing
- Editorial Manager
- Open Journal Systems pkp
- ScholarOne
- ejournalPress
- ReView

## Document / data repositories
- ePrints
- Hydra/Fedora

## RIMS Systems
- InfoEd
- Converis
- DSpace-CRIS
- Elements
- IRMA
- Pure
- Vivo
CUSTOM CONNECTIONS

Via the ORCID API

• Fine-tuned control & permissions
• Customized buttons, user flows, feedback
• Test & troubleshoot with ORCID team

Case examples: 
https://members.orcid.org/resources

Code examples: 
https://members.orcid.org/api/resources/code-examples
Let’s simplify...

**AUTHENTICATE**
Authenticate ORCID IDs to ensure researchers are correctly identified in your systems

**DISPLAY**
Display IDs to signal to researchers that your systems support the use of ORCID

[Create or Connect your ORCID ID]

https://orcid.org/0000-0001-2345-6789
**COLLECT**
Collect information from ORCID records to fill forms and support research reporting

**CONNECT**
Connect information to ORCID records for trusted sharing with others

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**Researcher Database**

**Name**
Sofia Maria Hernandez Garcia

**ORCID ID**
http://orcid.org/0000-0000:

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**Employment**

**ORCID:** Amsterdam, Netherlands
2015-04-30 to present | Lecturer

**Organization identifiers**
Ringgold: 385488
ORCID: Bethesda, MD, US

**Created**
2018-03-22

**Source:** ORCID University

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**Method:** GET

**Accept:** application/vnd.orcid+xml or application/vnd.orcid+json

**Authorization type:** Bearer

**Access token:** [Stored access token]

**URL:** https://api.sandbox.orcid.org/v2.1/[ORCID id]/record
SYNCHRONIZE
Synchronize information between ORCID records and your systems for reporting accuracy and speed

Nabil Aziz Ksibi

ORCID ID
https://orcid.org/0000-0002-3226-7485
View public version

Switch account

Display your iD on other sites?
Public record print view?
Get a QR Code for your iD

Also known as
Nabil Ksibi, N.Ksibi, N.A.Ksibi, K.Nabil Aziz, ن.ع.قصبي، عزيز قصبي، قصبي عزيز، قصبي نبيل

ID
CONNECTING SYSTEMS
Impact & Assessment
ORCID CONNECTS OTHER IDENTIFIERS
IMPACT & ASSESSMENT

Organization identifiers
Ringgold: 70683
Cape Peninsula University of Technology: Cape Town, ZA
Other organization identifiers provided by Ringgold
ISNI: 000000010177134X
ORF: http://dx.doi.org/10.13039/501100004512

Affiliation added to the individual(s) ORCID iD(s) by the university system

Data and rankings

Indexes & Databases

Publisher Submission systems

SCHOLARONE
OJS
OPEN JOURNAL SYSTEMS

PubMed
Scopus
WEB OF SCIENCE
AUTOMATIC UPDATES BY MACHINES W/ CONSENT

TRIGGERS

Need info for a form!

Updated grant!

New publication!

Time to report!

New position!

Do you have permission to do what you want to do?

Yes!

No

COLLECT permission; store ID and “token”

Read the record or CONNECT the new or updated information

Researchers control the visibility of their information
ORCID and NRENS