Your IP is unique: what about your name?
WIPO Standards Workshop on Name Standardization

May 3, 2019
What’s in a Name?
Most names are not unique

Many people have the same name

Names may change through marriage or other circumstances

People use different versions of their name during their career

Individuals use different alphabets, abbreviations, or naming conventions
Tackling Information Overload

ORCID is a non-profit organization, which provides a fully open and interoperable identifier to reliably connect researchers with their research contributions. The ORCID iD is a 16-digit identifier that researchers can register for and use for free.

- Connects individuals and their professional contributions across disciplines, organizations, and time
- Enables recognition of all types of research contributions and innovation
- Helps research institutions, funders, publishers, and other organizations better track and support research work
How ORCID Works

- It's a registry of unique persistent identifiers for researchers
- It's a hub that connects researchers with their professional activities and contributions
- It's a global community that enables researchers to share their data with other individuals, organizations, and systems
ORCID PRINCIPLES

• Individuals own their iD and control access to their record
• ORCID is an open shop: open (CC0) data and documentation, open source code (MIT)
• We have transparent governance by our members
• We are a community organization and we work with everyone

https://orcid.org/about/what-is-orcid/principles
ORCID’S VISION is a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions and affiliations across time, disciplines, and borders.
Open Researcher and Contributor Identifier
Guidelines to the Rules on Open Access to Scientific Publications and Open Access to Research Data in Horizon 2020

“Where possible, contributors should also be uniquely identifiable, and data uniquely attributable, through identifiers which are persistent, non-proprietary, open and interoperable (e.g. through leveraging existing sustainable initiatives such as ORCID for contributor identifiers and DataCite for data identifiers).”
Hundreds of members and systems use ORCID globally

6.3 MILLION+
live ORCID iDs registered since its 2012 launch

- 3.7 ORCID iDs created every minute
- 193 different languages included in ORCID records
- 73.6% of records have granted update permissions
- 1.97 record updates made per second

Connections to ORCID records

- Live ORCID iDs
- w/ at least 1 employee
- w/ at least 1 education
- w/ at least 1 work

Source: Orcid.org/statistics as of November 2018
How Organizations and Researchers Benefit

**INSTITUTIONS**
- Save time and reduce errors with automated information-sharing and cross-system interoperability
- Manage your organization name and your researchers' connections with it
- Maintain links with your researchers - past, present, and future

**RESEARCHERS**
- Improve recognition and discoverability of their research
- Spend more time doing research, less time managing it
- Control and manage a trusted and easily shareable record of their research activities and affiliations – for free
<table>
<thead>
<tr>
<th>ORCID iD</th>
<th>First/given name</th>
<th>Last/family name</th>
<th>Other names</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://orcid.org/0000-0002-1701-6370">https://orcid.org/0000-0002-1701-6370</a></td>
<td>Matt</td>
<td>Buys</td>
<td></td>
<td>Scion, South African National Biodiversity Institute, North-West University, University of Stellenbosch Faculty of Science</td>
</tr>
<tr>
<td><a href="https://orcid.org/0000-0001-7234-3684">https://orcid.org/0000-0001-7234-3684</a></td>
<td>Matt</td>
<td>Buys</td>
<td>Matthew Buys, MJ Buys, M Buys, Matthew J Buys</td>
<td>ORCID, University of the Witwatersrand, Wits Business School</td>
</tr>
</tbody>
</table>
ORCID & OTHER PERSON IDENTIFIERS

ORCID connects person identifiers on a global scale, including ISNI, ResearcherID, and Scopus Author ID

Step 1: Use ISNI Linker Search

ISNI Linker Search the ISNI registry by your name and link your ISNI record to your ORCID external identifier. The International Standard Name Identifier (ISNI) is a recognized global ISNI for the unique identification of contributors to creative activity. The ISNI acts as a bridge facilitating the linking of identifiers used by research libraries around the world to support dis linking your ORCID with your ISNI record, you build the foundation for linking information

Step 2: Provide authenticated connection

Step 3: Create link with ISNI

Step 4: Uniquely identified based on ISNI

Laurel L Haak
ORCID ID: https://orcid.org/0000-0001-5109-3700
Scopus Author ID: 6602258586
ResearcherID: C-4986-2008
ISNI: 000000138352317

ORCID connects person identifiers on a global scale, including ISNI, ResearcherID, and Scopus Author ID.
CONNECTING PEOPLE AND PATENTS: THE LENS

- The Lens serves global patent and scholarly knowledge as a public good to inform S&T-enabled problem solving
- The Lens enables individuals to link their Lens and ORCID accounts and connect patent data to their ORCID records
- The Lens enables patent search by ORCID iD

https://www.lens.org/
But, this is retrospective.

To support research, innovation, and litigation, the community needs more complete and timely data connecting inventors, assignees, and IP.
Collect ORCID iDs for applicants and Organization IDs for assignees

DOIs: Non-patent literature/data
EASY STAKEHOLDER ACTIONS

- **Inventor**: Provide ORCID iD at time of disclosure and filing of patent application
- **Tech Transfer**: Collect ORCID iD at time of disclosure, include with submission to attorney and/or PTO, include in tech marketing
- **Attorney**: Ask for ORCID iD in application, provide iD in PTO submission, use iD in research and litigation
- **Patent Office**: Collect iD (via API) in submission form (ADS)
GOING FURTHER: LEVERAGING OPEN ORCID INFORMATION

- **Inventor**: Provide relevant grants and paper DOIs at time of disclosure, via ORCID
- **Tech transfer**: Push public technology information to ORCID
- **Attorney**: Encourage use of DOIs for non-patent literature and organization IDs for assignee
- **Patent Office**: Push public patent application/grant information to ORCID
ENABLING STEPS

• **WIPO**: ORCID INID code, ORCID in Category 70 specification

• **IP Business Process Systems**: Use APIs and embed identifiers in IP data systems

• **All stakeholders**: Engage in process of mapping IP transactions where IDs can be collected; use APIs, enabled webforms, and system-system data transfer
BENEFITS

• Better quality data

• Reduced time conducting harmonization across inventor names

• Verifiable connections between people, intellectual property, and assignees

• Improved information for and about innovation
THANK YOU...

Find out more at https://orcid.org
Register at https://orcid.org/register
Email community@orcid.org
Twitter @ORCID_Org / @mjbuys