Research funders and ORCID
Benefits and plans

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Rebecca Barasche, ISF
Haim Katz, BARD

ORCID Israel Workshop
September 12, 2022
Agenda

• Benefits of ORCID for funders
  – Dror Berger, Inter-University Computation Center (IUCC)

• Funders Interest group (FIG)
  – Rebecca Barasche, Israel Science Foundation (ISF)

• Using ORCID when applying for a research grant
  – Haim Katz, US-Israel Binational Agricultural Research and Development Fund (BARD)
ORCID Interoperability
Funders are part of the ORCID community

51 funders are ORCID members, including many national agencies.

<table>
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<th>Among the members are:</th>
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<td>Australian Research Council – ARC</td>
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<td>The National Council of Scientific and Technological Development (CNPq), Brazil</td>
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<td>Japan Science and Technology Agency (JST)</td>
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<td>Deutsche Forschungsgemeinschaft – DFG</td>
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<td>Jisc</td>
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<td>Fundación Española para la Ciencia y la Tecnología – FECYT, Spain</td>
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<td>Wellcome Trust</td>
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<td>Irish Research Council</td>
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<td>US National Institutes of Health (NIH)</td>
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<td>National Research Foundation (Singapore)</td>
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<td>National Research Council Canada / Conseil national de recherches Canada</td>
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<td>National Research Foundation of South Africa (NRF)</td>
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<td>NASA - National Aeronautics and Space Administration</td>
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<td>Swedish Research Council</td>
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<td>World Health Organization</td>
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<td>Swiss National Science Foundation (SNSF)</td>
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A funding workflow will typically follow the workflow below:

- Researcher identification using ORCID
- The funder collects the authenticated author’s ORCID iD
- The applicant applies for a grant via the funders grant system
- The funder requests permission to interact with the applicant’s record, and stores that permission.
- The funder collects data from the applicant’s record using the ORCID API and uses it to help populate the proposal/submission form. This helps to save the researcher time manually completing information that is already available within their ORCID record.
- If the funding is approved, then the funder adds the funding to the researcher’s ORCID record
- The funder can then track and evaluate research results using the data from the awardee’s ORCID record over time
Full workflow using unique identifiers

- **Researcher registers for an ORCID ID**
  - Identifiers used: ORCID ID
  - Actions: Researcher visits orcid.org, registers for an ID and adds data to their record using free tools.

- **Institution adds employment data to ORCID record**
  - Identifiers used: ORCID ID
  - Actions: Researcher authorizes employer to read/update record. Employer system pushes job role etc. to ORCID.

- **Funder pulls in career and CV data from ORCID record**
  - Identifiers used: ORCID ID
  - Actions: Researcher authorizes funder to read/update record. Funder system pulls data in using identifiers.

- **Funder registers a DOI for the grant**
  - Identifiers used: ORCID ID
  - Actions: Funder sends data to grant registry. Funder system includes IDs of grantees in data sent.

- **Publisher collects ID of author(s)**
  - Identifiers used: ORCID ID
  - Actions: Author authenticates their ID. Publisher asks to read and update ORCID record.

- **Publisher queries ORCID for funding and employment**
  - Identifiers used: ORCID ID
  - Actions: Publisher system resolves identifiers to get data. Publisher confirms associated funding/employment data.

- **Publisher creates automatic funding acknowledgement**
  - Identifiers used: ORCID ID
  - Actions: Publisher system pulls in data from grant registry. Publisher system adds grant DOI to article metadata.

- **Publisher checks if an OA policy applies and any terms**
  - Identifiers used: ORCID ID
  - Actions: Publisher system queries grant registry for policy terms.

- **Publisher (re)directs article accordingly**
  - Identifiers used: License Ref?
  - Actions: Publisher system matches policy to publishing option(s). Publisher notified of options and any APCs and discounts.

- **Publisher sends APC invoice to employer or funder**
  - Identifiers used: ORCID ID
  - Actions: Publisher system resolves organisation identifier to get address etc.

- **Institutions and funders harvest publication data**
  - Identifiers used: ORCID ID
  - Actions: Auto-update sends citation to funders/employers. Reporting/compliance checking done automatically.
A funding workflow will typically generate the following benefits:

- Reduce form-filling burden for researchers
- Ensures that funder names are used in a standard way
- Makes it possible for publishers to streamline the capture of funding information
- Automation of reporting processes, saving time, shortening the reporting cycle
- Increasing accuracy and completeness.
Why does Wellcome support ORCID?

Wellcome has been a supporter of ORCID since its inception in 2010, recognising that ORCID can greatly help reduce administrative work in job applications, grant applications and research activity reporting.

Since August 2015, Wellcome has required all lead applicants to provide an ORCID ID when completing an application form in WT Grant Tracker (with the exception of Engaging Science grant applications). Applicants who don’t have an ORCID ID can register for one via the ORCID website.

Through ORCID, researchers can allow funders, publishers and research organisations to access the information in their ORCID profile during grant and manuscript submission and/or when completing job applications. In the future, we’ll be able to automatically capture research-related information linked to individuals, to simplify and speed up grant application and reporting processes.

We also anticipate a range of broader benefits to research: for example, connecting research-related information to support career tracking, and helping to identify peer reviewers and potential collaborators.
Examples of ORCID records

Making social change happen: What inspires collective action for health and gender equality?

2020-10-01 to 2024-09-30 | Grant
Wellcome Trust (London, UK, GB)
GRANT_NUMBER: 220429/Z/20/Z
Part of GRANT_NUMBER: PLM19497

Source: WT Grant Tracker

Who is that? Neural networks and mechanisms for identifying individuals

2017-07-01 to 2022-06-30 | Grant
European Research Council (Brussels, BE)
URL: https://app.dimensions.ai/details/grant/grant.6859955
GRANT_NUMBER: 724198

Source: Christopher Petkov via DimensionsWizard