Using ORCID to track awardees' progress

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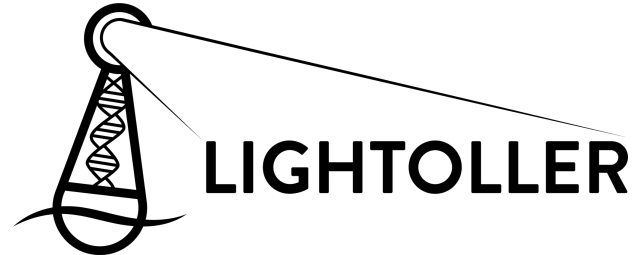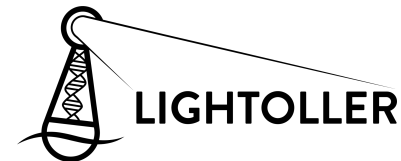
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Why ORCID is suitable for funders tracking awardees

- ORCID is suitable generally, as:
  - it's a Permanent ID for researchers
  - that already acts/is used as a form of "academic CV"
  - where users update and *verify* their own information and is increasing in uptake.

- Funders who are members have access to member-only data: in the same way that they can push data to those who authorize them, they can also retrieve data *made available to them*.

Therefore, the findings I've made so far are:
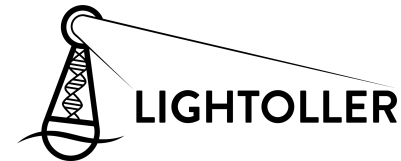
a) based on the bare minimum of what's available, and

b) can be improved upon <u>by guidance you give to awardees/applicants.</u>

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Initial findings working with a small public ORCID dataset

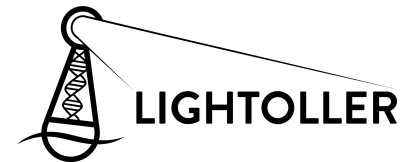Kinds of Information *recorded*:

- Person
  - **Names** (except other credit names)
  - **Email**
  - **Bio**
  - Websites/Social Media
  - Country
  - Keywords
  - *External IDs*
- Note: Demographics Not Included

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Initial findings working with a small public ORCID dataset

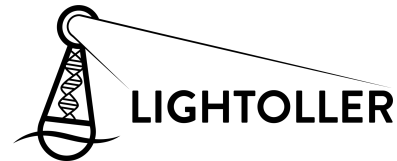Kinds of Information *recorded*:

- Activities
    - Education
    - Employment
    - Funding
    - Works
    - Distinctions, Invited Positions, Qualifications, Service, Membership
    - *(Journal Article) Peer Review; Research Resources*

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What I did

I relied primarily on the annual "data dump" of public records from ORCID, and went though records by hand.
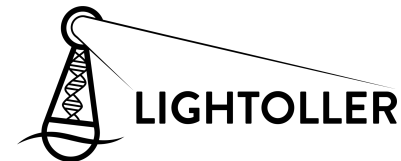
- Individual files of each record which are in XML format

- Did this in order to understand structure and content of records

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Initial findings working with a small public ORCID dataset

Kinds of Information generally *available* and somewhat *standardized*, for tracking interest:
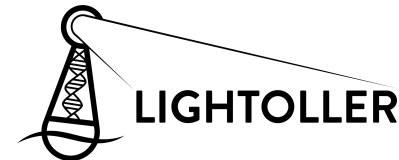
- Current location and job title
  - Dates
- "Works" e.g. publications
  - Dates
  - Venue
  - Title
- Funding since award
  - Source
  - Amount
  - Title
  - Description

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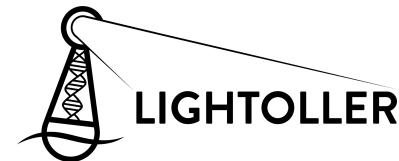# Initial findings working with a small public ORCID dataset

Caveats

- No emails (publicly)

- Variations on data availability, based on what person set as private/public

- Variations on current location e.g. move to LinkedIn

- While data is more likely to be verified by author and *correctly attributed*,

  some may be missing purely by *omission*, or have inaccuracies

  - Dependent on how often author maintains account

  - However, may be likely to change with increasing focus on externally verified info

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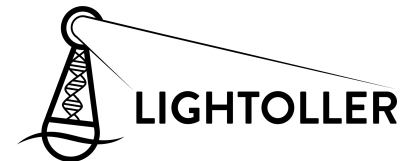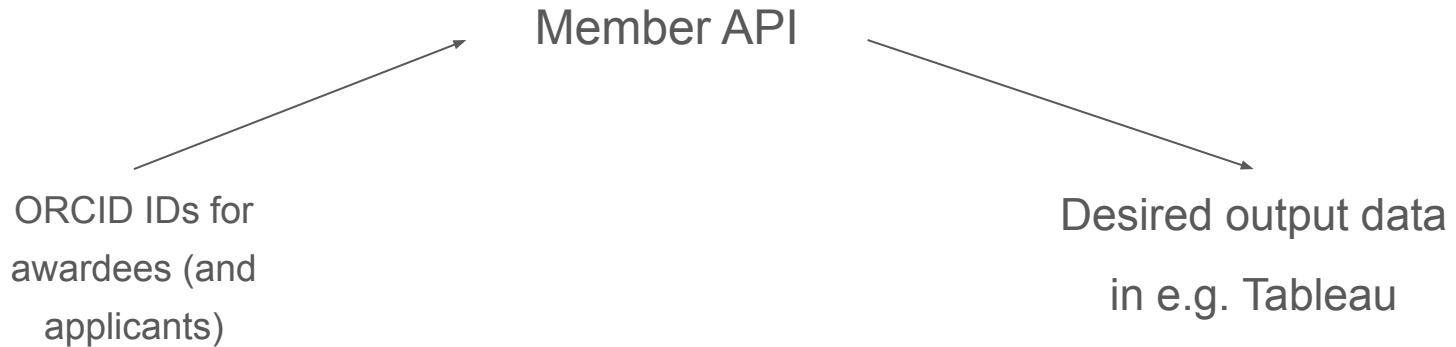# Initial findings working with a small public ORCID dataset

Opportunities

- Member orgs have access to member API

- Communication to your applicants and awardees could drastically increase the information available to you as a member organization

- For various reasons, ORCID data is only likely to continue to get *better*, but also applicants likely to be motivated to keep it updated to reduce effort

- Last update date very recent i.e. same day (likely through API connections) - which **is public**, even if no other information is, suggesting more data likely to be available from member API.

- Opportunities to push "service" etc into unused categories.

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General technical considerations for getting member data

General recommendation: Need for a developer to set up connection to API and retrieve what you want/need and return to you based on your preferred output.

Member API

ORCID IDs for awardees (and applicants)

Desired output data in e.g. Tableau

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Acknowledgements and Questions

- Please feel free to send questions to organizers and/or me at info@lightoller.org in advance of Oct 6th talk in New York!