

ORCID for Researchers, Funders & Publishers

ScientifyRESEARCH Peer Review Week Webinar – 28th Sept 2023

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ORCID's Mission

ORCID's mission is to **enable transparent** and **trustworthy connections** between **researchers**, their **contributions**, and their **affiliations** by providing a **unique, persistent identifier** for **individuals** to use as they engage in **research, scholarship, and innovation activities**.

ORCID provides three main services

The ORCID iD
A unique, persistent identifier free of charge to researchers

An ORCID record
A digital cv/profile connected to the ORCID iD, that can include employment, education, funding, peer review, research output and other metadata

The ORCID APIs
A set of *Application Programming Interfaces* (APIs), as well as the services and support of communities of practice enabling interoperability between an ORCID record and member organizations

ORCID was built from the ground up to earn the broadest possible trust of the communities we serve

- Legal incorporation as US non-profit entity
- Membership organization open to all
- Governed by board elected by our members
- Legally binding membership agreements
- Privacy policy regulated by GDPR and other national regulations
- Legally binding employment agreements, code of conduct, etc



- Founding principles and values
- Commitment to researcher control
- Open source software and FAIR open data
- Equitable, sustainable business model
- Holding ourselves accountable by working openly
- Continuous community engagement and dialogue

https://info.orcid.org/orcid-trust/

ORCID is increasingly a hub for an immense amount of profile activity with over 5,200 interconnected systems

Notable platforms or systems integrating with ORCID include:

- SciENcv (US Gov)
- Altum Proposal Central
- Open Journal System (OJS)
- Aries Editorial Manager
- Clarivate ScholarOne



ORCID records are viewed **124** times/minute

ORCID helped researchers sign into a member system **59.9** million times in 2022

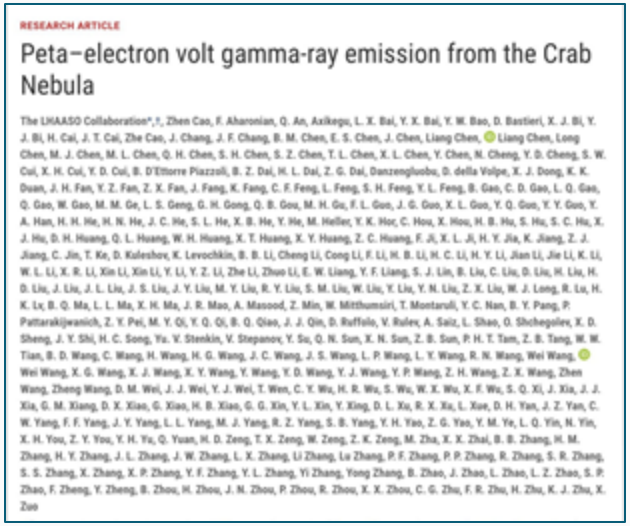
2022 **1.2B** items of data in ORCID records was reused by external systems

2,400,050 Records updated by ORCID members in **2022**

ORCID data is read **122.3** million times/month by external systems, saving users time and reducing administrative burden

The ability to disambiguate researchers is critical for a trustworthy scholarly record





RESEARCH ARTICLE

Peta–electron volt gamma-ray emission from the Crab Nebula

The LHAASO Collaboration*,†, Zhen Cao, F. Aharonian, Q. An, Axikegu, L. X. Bai, Y. X. Bai, Y. W. Bao, D. Bastieri, X. J. Bi, Y. J. Bi, H. Cai, J. T. Cai, Zhe Cao, J. Chang, J. F. Chang, B. M. Chen, E. S. Chen, J. Chen, Liang Chen, Liang Chen, Long Chen, M. J. Chen, M. L. Chen, Q. H. Chen, S. H. Chen, S. Z. Chen, T. L. Chen, X. L. Chen, Y. Chen, N. Cheng, Y. D. Cheng, S. W. Cui, X. H. Cui, Y. D. Cui, B. D'Ettorre Piazzoli, B. Z. Dai, H. L. Dai, Z. G. Dai, Danzengluobu, D. della Volpe, X. J. Dong, K. K. Duan, J. H. Fan, Y. Z. Fan, Z. X. Fan, J. Fang, K. Fang, C. F. Feng, L. Feng, S. H. Feng, Y. L. Feng, B. Gao, C. D. Gao, L. Q. Gao, Q. Gao, W. Gao, M. M. Ge, L. S. Geng, G. H. Gong, Q. B. Gou, M. H. Gu, F. L. Guo, J. G. Guo, X. L. Guo, Y. Q. Guo, Y. Y. Guo, Y. A. Han, H. H. He, H. N. He, J. C. He, S. L. He, X. B. He, Y. He, M. Heller, Y. K. Hor, C. Hou, X. Hou, H. B. Hu, S. Hu, S. C. Hu, X. J. Hu, D. H. Huang, Q. L. Huang, W. H. Huang, X. T. Huang, X. Y. Huang, Z. C. Huang, F. Ji, X. L. Ji, H. Y. Jia, K. Jiang, Z. J. Jiang, C. Jin, T. Ke, D. Kuleshov, K. Levochkin, B. B. Li, Cheng Li, Cong Li, F. Li, H. B. Li, H. C. Li, H. Y. Li, Jian Li, Jie Li, K. Li, W. L. Li, X. R. Li, Xin Li, Xin Li, Y. Li, Y. Z. Li, Zhe Li, Zhuo Li, E. W. Liang, Y. F. Liang, S. J. Lin, B. Liu, C. Liu, D. Liu, H. Liu, H. D. Liu, J. Liu, J. L. Liu, J. S. Liu, J. Y. Liu, M. Y. Liu, R. Y. Liu, S. M. Liu, W. Liu, Y. Liu, Y. N. Liu, Z. X. Liu, W. J. Long, R. Lu, H. K. Lv, B. Q. Ma, L. L. Ma, X. H. Ma, J. R. Mao, A. Masood, Z. Min, W. Mitthumsiri, T. Montaruli, Y. C. Nan, B. Y. Pang, P. Pattarakijwanich, Z. Y. Pei, M. Y. Qi, Y. Q. Qi, B. Q. Qiao, J. J. Qin, D. Ruffolo, V. Rulev, A. Saiz, L. Shao, O. Shchegolev, X. D. Sheng, J. Y. Shi, H. C. Song, Yu. V. Stenkin, V. Stepanov, Y. Su, Q. N. Sun, X. N. Sun, Z. B. Sun, P. H. T. Tam, Z. B. Tang, W. W. Tian, B. D. Wang, C. Wang, H. Wang, H. G. Wang, J. C. Wang, J. S. Wang, L. P. Wang, L. Y. Wang, R. N. Wang, Wei Wang, Wei Wang, X. G. Wang, X. J. Wang, X. Y. Wang, Y. Wang, Y. D. Wang, Y. J. Wang, Y. P. Wang, Z. H. Wang, Z. X. Wang, Zhen Wang, Zheng Wang, D. M. Wei, J. J. Wei, Y. J. Wei, T. Wen, C. Y. Wu, H. R. Wu, S. Wu, W. X. Wu, X. F. Wu, S. Q. Xi, J. Xia, J. J. Xia, G. M. Xiang, D. X. Xiao, G. Xiao, H. B. Xiao, G. G. Xin, Y. L. Xin, Y. Xing, D. L. Xu, R. X. Xu, L. Xue, D. H. Yan, J. Z. Yan, C. W. Yang, F. F. Yang, J. Y. Yang, L. L. Yang, M. J. Yang, R. Z. Yang, S. B. Yang, Y. H. Yao, Z. G. Yao, Y. M. Ye, L. Q. Yin, N. Yin, X. H. You, Z. Y. You, Y. H. Yu, Q. Yuan, H. D. Zeng, T. X. Zeng, W. Zeng, Z. K. Zeng, M. Zha, X. X. Zhai, B. B. Zhang, H. M. Zhang, H. Y. Zhang, J. L. Zhang, J. W. Zhang, L. X. Zhang, Li Zhang, Lu Zhang, P. F. Zhang, P. P. Zhang, R. Zhang, S. R. Zhang, S. S. Zhang, X. Zhang, X. P. Zhang, Y. F. Zhang, Y. L. Zhang, Yi Zhang, Yong Zhang, B. Zhao, J. Zhao, L. Zhao, L. Z. Zhao, S. P. Zhao, F. Zheng, Y. Zheng, B. Zhou, H. Zhou, J. N. Zhou, P. Zhou, R. Zhou, X. X. Zhou, C. G. Zhu, F. R. Zhu, H. Zhu, K. J. Zhu, X. Zuo



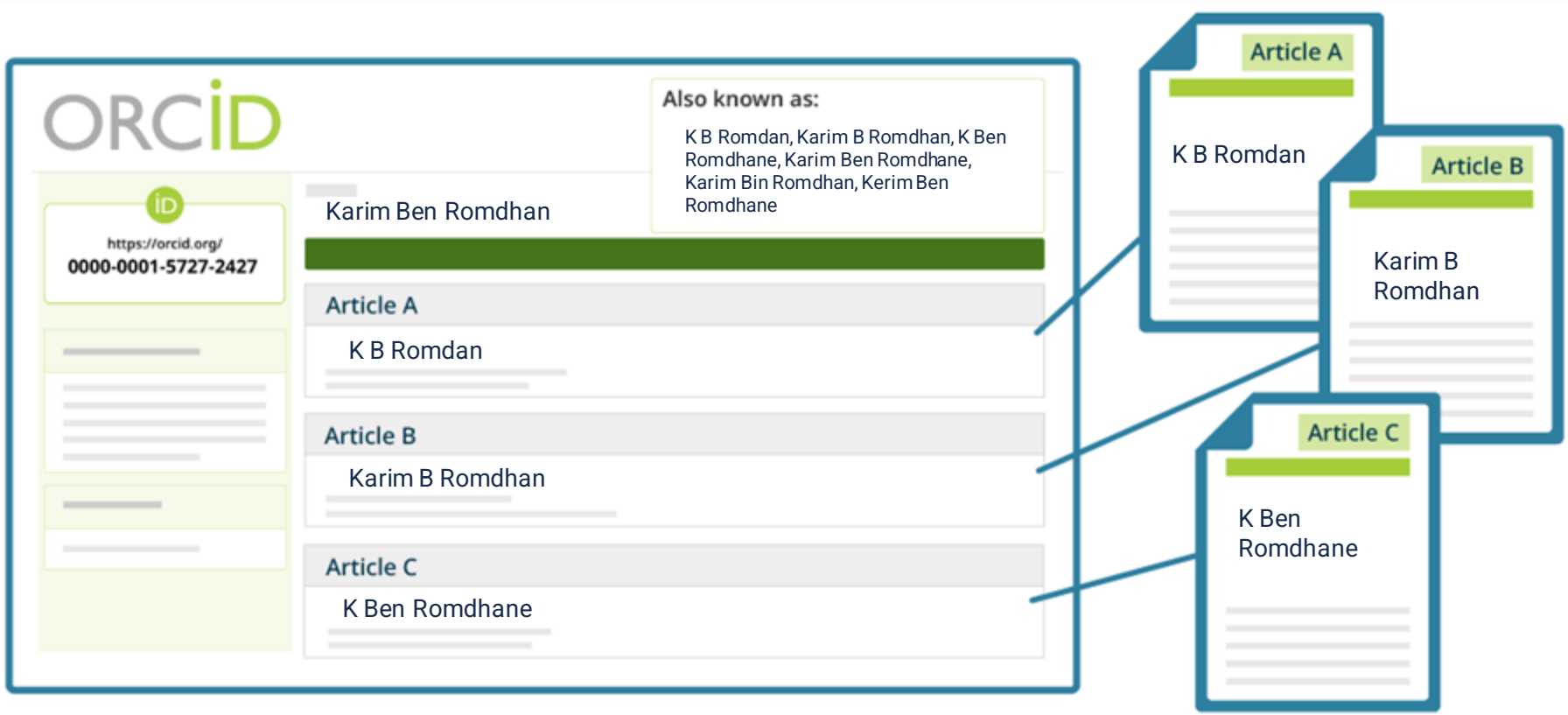
Virology | Research Article | 06 June 2022

Trivalent NDV-HXP-S Vaccine Protects against Phylogenetically Distant SARS-CoV-2 Variants of Concern in Mice

Authors: Irene González-Domínguez, Jose Luis Martinez, Stefan Slamanig, Nicholas Lemus, Yonghong Liu, Tsoi Ying Lai, Juan Manuel Carreño, Gagandeep Singh, Gagandeep Singh, Michael Schotsaert, Ignacio Mena, Stephen McCroskery, Lynda Coughlan, Florian Krammer, Adolfo García-Sastre, Peter Palese, Weina Sun

SHOW FEWER | AUTHORS INFO & AFFILIATIONS

ORCID also solves name variation





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Websites & social links

Faculty profile webpage
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Other IDs

Profile system identifier: A-123456
ResearcherID: L-8716-2018
eScientist: 0000-0001-5727-2427

Countries

United States

Is this you? Sign in to start editing

Printable version

Published name

Sofia Maria Hernandez Garcia

Name
Sofia Garcia

Also known as
S. M. Garcia, Sofia Maria Garcia

Biography

Sofia Maria Hernandez Garcia is used for testing and demonstrating ORCID records.

Activities Collapse all

Employment (2) Sort

New Arizona State University: Sedona, Arizona, US

2015-09 to present | Associate Professor (Department of Geography)
Employment
Show more detail

Source: Sofia Maria Hernandez Garcia

ORCID: Bethesda, Maryland, US

2014-05-01 to 2019-10-25 | Engagement Lead
Employment
Show more detail

Source: ORCID *via* Assert-o-matic

Education and qualifications (4) Sort

London School of Physics: London, GB

2016 to 2018 | PhD (Computer Science)
Qualification
Show more detail

Source: Sofia Maria Hernandez Garcia

Universidad Politécnica de Madrid: Madrid, Comunidad de Madrid, ES

2008-09 to 2012-05 | BA Computer Science
Education
Show more detail

Source: Sofia Maria Hernandez Garcia

https://vimeo.com/495762735

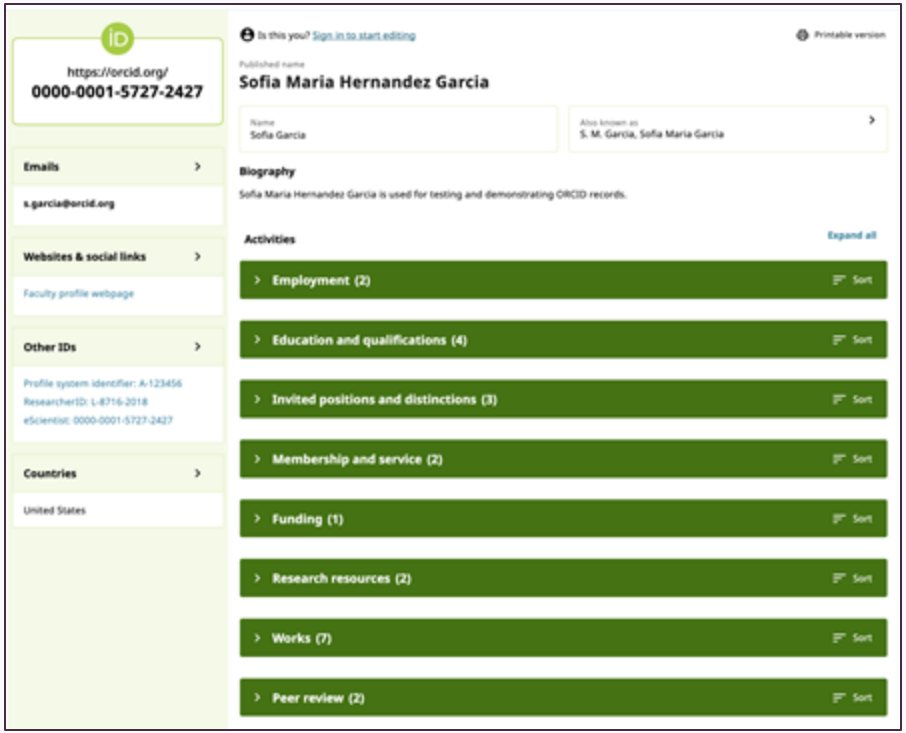
Information on ORCID records can help save time & effort!

Researchers/organizations can add:

- Affiliations (Employment/Education)
- Professional activities
- Funding information
- Works/Publications/Other outputs
- Website URLs

Only organizations can add:

- Research Resources
- Peer Review service



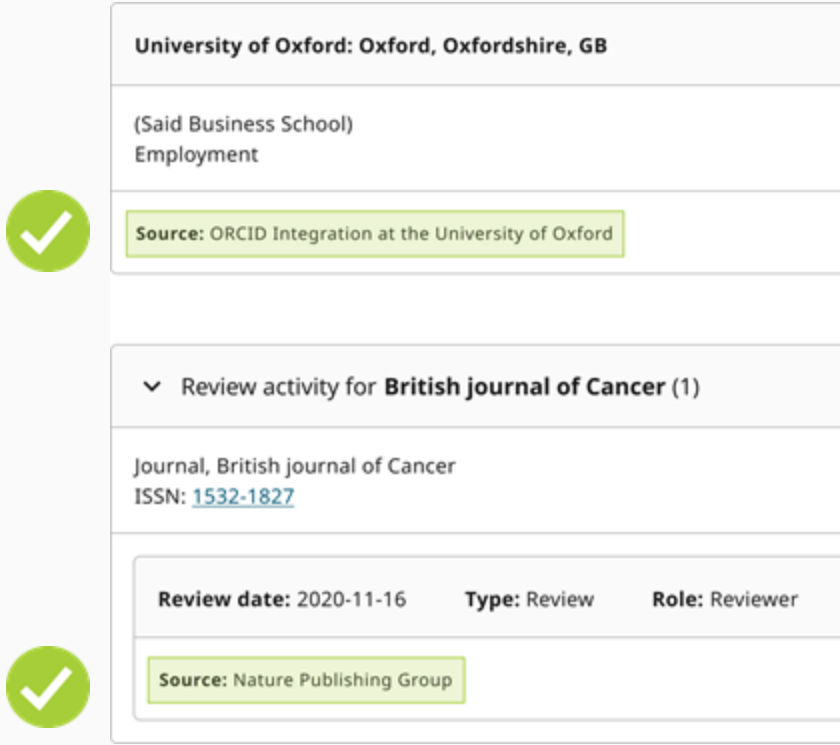
https://vimeo.com/495762735

ORCID member organizations add validated information

When an ORCID member updates an ORCID record, the source (provenance) of that update is captured for re-use:

- Research organizations add affiliations
- Publishers add outputs and reviews
- Funders add funding items

These provide **'trust markers'** that can be used to help in decision making.



We aim to balance researcher control and data quality

Researchers:

- Own their own records
- Control who accesses their information
- May change access preferences at any time

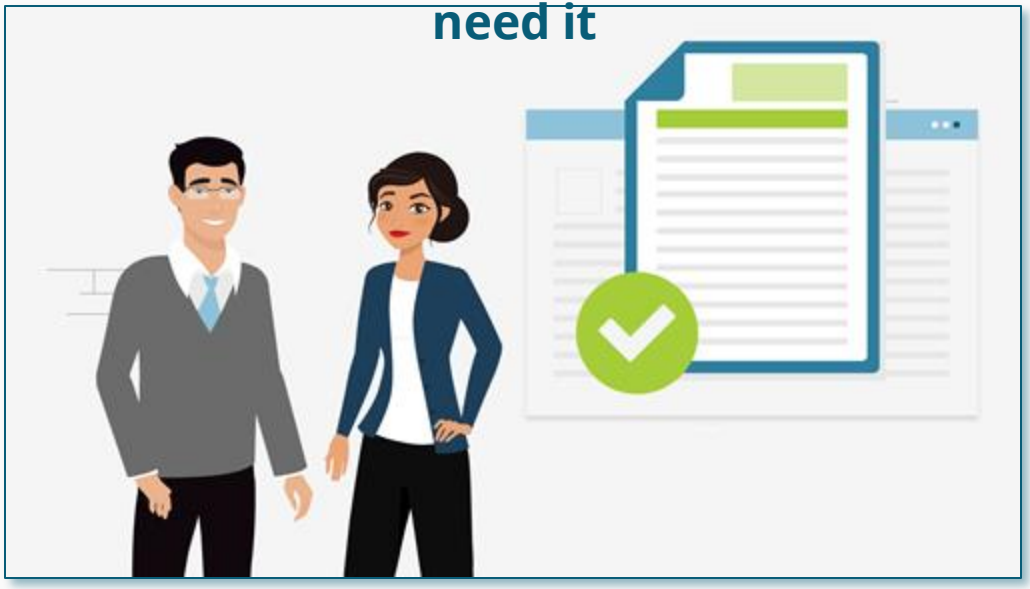


- Terms of use prevent misrepresentation
- False data in records may be disputed by anyone in the community
- Machine-learning algorithm detects obvious spam
- Disputed and spam records are removed from use, pending correction or withdrawal

Organizations may only add information to ORCID records with the researcher's permission, and may only update or delete information that was added by them

Trust in an ORCID record accumulates over time as reliable and trustworthy data sources add information (with the record holder's permission)

Make your research information accessible via your own unique profile, to be used whenever & wherever you need it



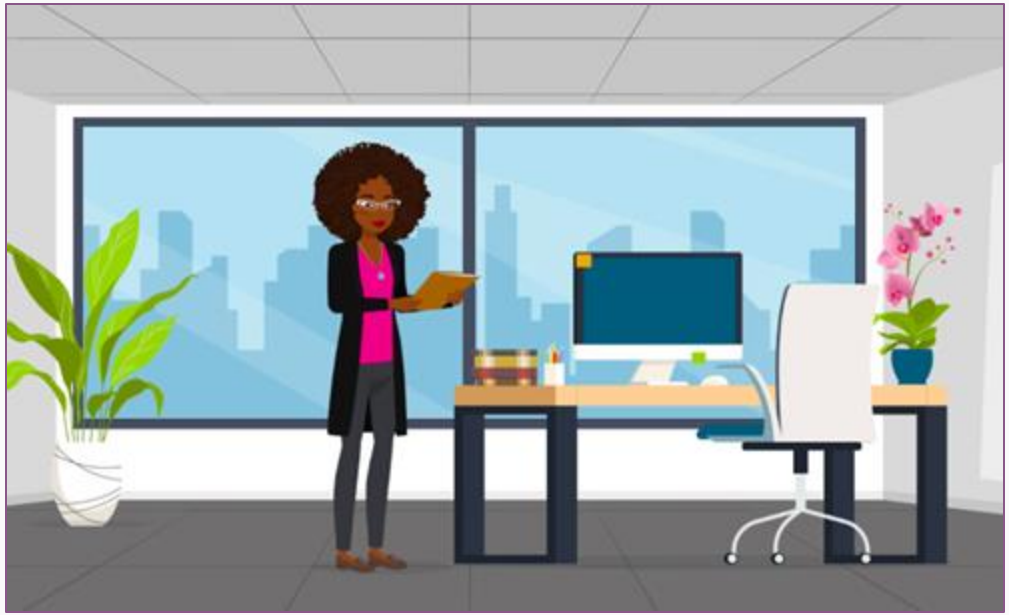
	Uniquely yours. Distinguish yourself and claim credit for your work while controlling access to your data, no matter how many people have your same (or similar) name.
	Name flexibility. ORCID helps reduce the negative consequences of name changes so you will no longer be limited to the name you used when you began your career.
	More time for research. By allowing trusted organizations to add your research information to your ORCID record, you can spend more time conducting your research and less time managing it!
	Control your visibility and discovery. ORCID links all your research together, while you control the visibility of each piece of data. Easily see links to your research activities in one place—affiliations, funding, publications, and other contributions.
	Reduced administrative burden. Experience greater ease as an increasing number of manuscript submission and grant application forms can be auto-populated when you log into their systems with your ORCID. Spend less time re-entering your data!
	Portable profile data. Easily share the data in your record with an increasing number of funding, publications, data repositories, and other research workflows.

Funders can reduce the burden of administering grants and can track their impact in a cost-effective way



	Trustworthy award attribution. Ensure the right applicant is awarded, and enable better transparency throughout the funding process. Preserve the integrity of downstream analysis.
	Enhanced ease of reviewer selection. More complete applicant data makes reviewer selection process easier and helps to discover possible conflicts of interest. When recruiting new reviewers, program managers can assign reviews based on previous contributions and activities, even across other funders.
	Increased research ROI. Writing rich data to ORCID records can potentially allow better tracking of research outcomes supported by your funding, ultimately leading to better resource allocation decisions.
	Accurate attribution and enhanced discoverability. Standardized identifiers and open data can help increase discoverability, recognition, and accuracy of attribution of the research you fund or facilitate, even beyond the period of performance.
	Reduced administrative burden for both your staff and researchers. Re-use of standardized data improves quality and accuracy and can save time, money and effort. Having users sign in with ORCID reduces their frustration and burden of managing multiple credentials and saves time during submission, review, and reporting.
	Interconnected infrastructure. Help accelerate knowledge discovery and increase the integrity, transparency and reproducibility of research by encouraging FAIR Data Principles and Open Science practices through persistent identifiers and standardized, openly-accessible data.

Improve the integrity of submission, review, and discovery processes with reliable author and reviewer information.



Understand your researchers. Collect authenticated iDs for your authors and reviewers to better understand their academic records. ORCID can also help with OA policy compliance and transformative agreement management by acting as an open, trusted source of affiliation data.

Better reviewer selection. More complete profile data makes reviewer selection process easier and helps to discover possible conflicts of interest. When recruiting new reviewers, editors can assign reviews based on previous contributions and activities.

Peer review recognition. Acknowledge reviewers' expertise and provide recognition for all their contributions—reviews, editorial board membership, etc.

Enhanced discoverability for your authors. Writing publication data to your authors' ORCID records increases discoverability and helps them claim credit for their work.

A more consistent experience. Having your users sign in with ORCID reduces the frustration and burden of managing multiple credentials. Linking authors between different systems saves time during submission, review, and reporting.

Interconnected infrastructure. The ORCID registry is an open, interconnected hub of profile data. By integrating with ORCID, you can contribute publication data and extend the reach of your systems. Consuming interoperable data from ORCID helps reduce your dependence on costly proprietary systems.

So why register for an ORCID iD?

- ✓ To connect you with your research activities, outputs and affiliations
- ✓ Disambiguate yourself from other researchers with the same name
- ✓ Save yourself time & effort when:
    - logging into or filling in profiles/forms on 3rd party platforms (that integrate with ORCID)
    - permitting trusted organizations to add/update data on your profile on your behalf

- ✓ Help administrators & reviewers verify your identity, experience & affiliations
- ✓ ORCID will always be free for researchers & open to the global research community!



Thank you for listening!

Shivendra Naidoo – Senior Engagement Lead (ORCID) - s.naidoo@orcid.org