



# ORCID and the benefits of PIDs

*"Current Pedagogical Technologies in Education"  
Kharkiv Polytechnic Institute*

*April 11th 2024*



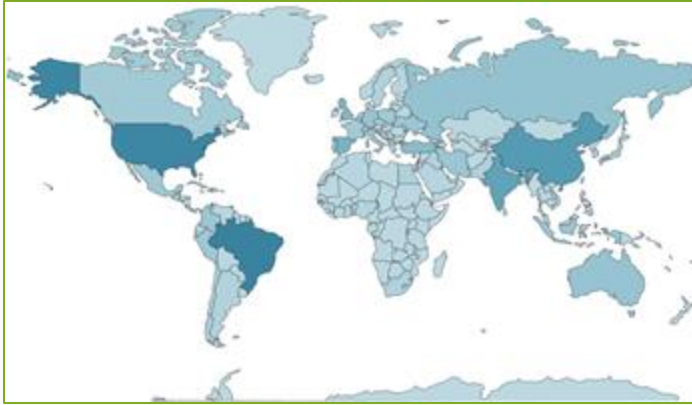
# A brief overview of ORCID

# A Few ORCID Facts

- Independent not-for-profit open to participation by all
- Registry launched in 2012
- Sustained by fees from our member organizations
- Guided by our [values and founding principles](#)
- Community-governed by a Board of Directors representative of our membership



# We continue to make great progress on global adoption



**Users in 249 countries**  
That's every country on the planet!



**Member organizations in 58 countries**  
27 national consortia and 1 regional consortium

Yearly Active Researchers

8.2 Million

Active Integrated Systems

5,503

Organizational Members

1,376



Data collected on 14 Mar 2024

More data available at <https://info.orcid.org/orcid-statistics/>

# ORCID in Ukraine

- 47 Member organizations
- 36 Completed integrations
- OJS and DSpace are predominant
- +4000 connected users and ORCID records updated



# ORCID (Open Researcher and Contributor Identifier)



1. The ORCID iD: a unique, persistent identifier free of charge to researchers



1. An ORCID record/digital cv connected to the ORCID iD, that can include employment, education and research output metadata



1. A set of Application Programming Interfaces (APIs), as well as the services and support of communities of practice that enable interoperability between an ORCID record and member organizations

# The importance of ORCID for researchers



# Sofia Maria Hernandez Garcia

Sofia Garcia; S. M. Garcia; Sofia Maria Garcia



<https://orcid.org/0000-0001-5727-2427>



[Show record summary](#)

## Personal information

### Emails >

s.garcia@orcid.org

### Websites & social links >

Faculty profile webpage

### Other IDs >

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

### Countries >

United States

## Biography

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

## Activities

[Expand 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, MD, US

2014-05-14 to 2019-09-25 | Engagement Lead  
Employment

[Show more detail](#)

Source: ORCID via ORCID Member Portal

### Education and qualifications (4)

Sort

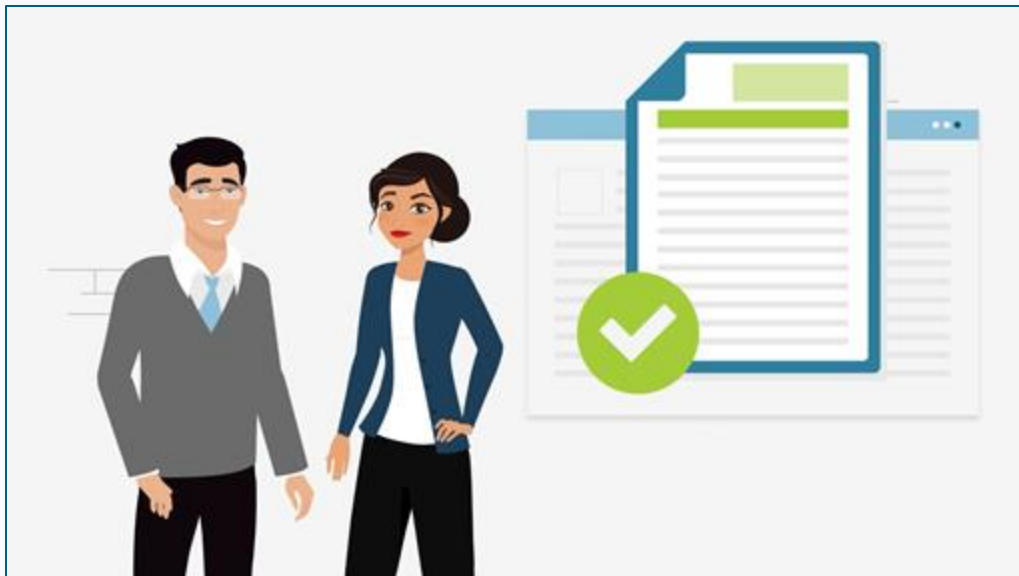
### Professional activities (5)







Sort





# Researchers can access all their research information via their own unique ORCID profile, to be used wherever they need it.









	<b>Uniquely yours.</b> 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.
	<b>Name flexibility.</b> 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.
	<b>More time for research.</b> 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!
	<b>Control your visibility and discovery.</b> 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.
	<b>Reduced administrative burden (enter once, reuse often).</b> 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!
	<b>Portable profile data.</b> Easily share the data in your record with an increasing number of funding, publications, data repositories, and other research workflows.

# ORCID allows Universities and Research Institutions to stay up to date with the research that comes from their scholars

while making their lives easier



	<b>Name disambiguation.</b> Have confidence that you have correctly identified contributions from your researchers, regardless of the popularity or variability of their names.
	<b>Better research connections.</b> Follow your researchers' careers even after they leave your institution. Keep better track of collaborators and peers at other institutions.
	<b>Reduce costs.</b> Reduce the costs required to track the research that comes from your institution by automatically accessing authoritative trusted publication and funding data from your researchers' ORCID records.
	<b>Improved visibility of outputs.</b> Improve the visibility of your researchers' outputs and ensure they get the recognition they deserve by automatically writing authoritative, trusted affiliation data via integration with the ORCID registry.
	<b>Reduced administrative burden.</b> Increase both efficiency and quality in critical processes like assessment exercises. Avoid time spent re-entering data during submission, review, and reporting. When your researchers have more time to spend on research, you save money!
	<b>Interconnected infrastructure.</b> The ORCID registry is an open, interconnected hub of profile data. By integrating with ORCID, you can contribute affiliation data and extend the reach of your systems. Sharing data with ORCID can help you to avoid being locked into costly, proprietary systems.

# Importance of PIDs and interoperability

## Provenance

What's what?

Who's who?

A persistent identifier is a long-lasting reference to a digital resource

How long is long?

How do I know?

Policies and  
Guarantees

## Metadata

Can you tell me  
more about it?

What?

Who?

Where can I find it?

Where can my  
machine find it?

Machine-readability

# Persistent identifiers — what is a PID?



## Globally unique

Each PID resolves to one entity, be it a dataset, person, journal article, project or book.

*They uniquely identify things*



## Persistent

The 'P' in PID. Persistent identifiers stick around. They're not reassigned, they're well governed, and technically resilient.

*They're stable and reliable*



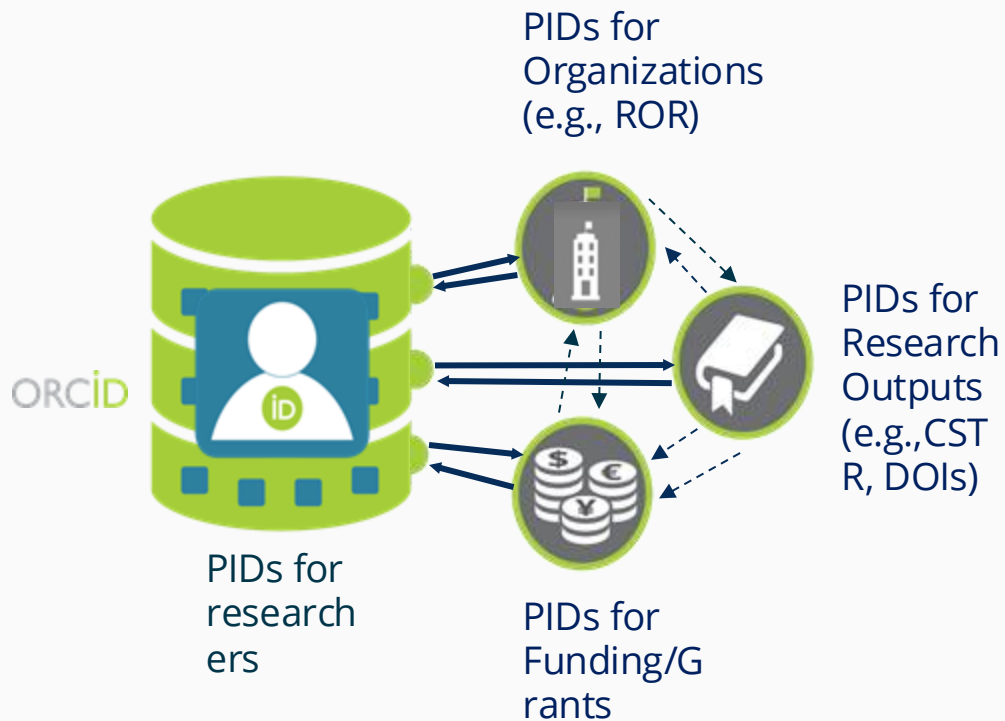
## Resolvable by humans and machines

PIDs are easily made into URLs, with landing pages and underlying metadata.

*They're Findable, Accessible, Reusable and Interoperable*

# Importance of PIDs

- PIDs disambiguate
- PIDs make research FAIR
- PIDs boost Open Science practices
- PIDs enable interoperability and interconnected science
- PIDs support a trustworthy research infrastructure

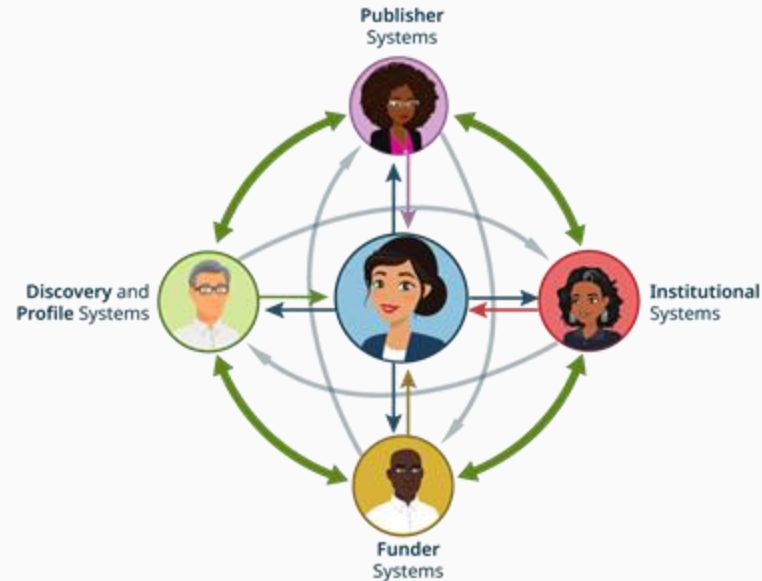


# Fostering behaviors to drive the ORCID “virtuous circle” of interoperability

Our stakeholders generally have two overarching goals for their participation in ORCID:

1. Reduce administrative burden
2. Understand the impact of the research they facilitate or fund

The more fully populated, sufficiently complete ORCID records and integrated systems there are, the more value that stakeholders can gain from participating in ORCID. It is our goal to create the conditions to allow this to happen.



# ORCID Integration in DSpace





# ORCID in DSpace

Export to ORCID:

- Biographic data (keywords, country, other names, other identifiers, urls)
- Publications (works)
- Funding
- PIDs support a trustworthy research infrastructure

Import from ORCID:

- Publications (works)



# Log in with ORCID button

dspace demo+admin@gmail.com

\*\*\*\*\*

Log in

or

Log in with Shibboleth

Log in with ORCID

New user? [Click here to register.](#)

[Have you forgotten your password?](#)

ORCID Authorize access

You are currently signed in as:

**Paloma Marín-Arraiza**  
<https://orcid.org/0000-0001-7460-7794>  
[Sign out](#)

**People @ FH Burgenland** ?

has asked for the following access to your ORCID record:

- Add/update your research activities (works, affiliations, etc)
- Add/update other information about you (country, keywords, etc.)
- Read your information with visibility set to Trusted Organizations
- Get your ORCID ID

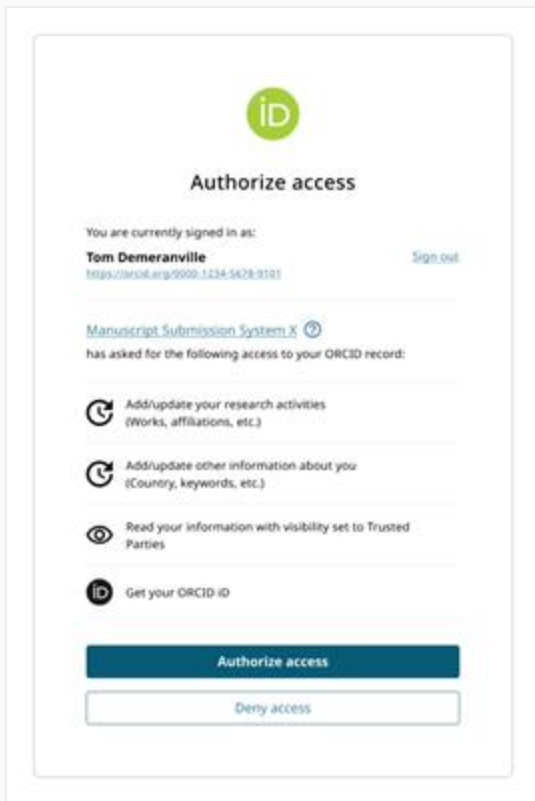
[Authorize access](#)

[Deny access](#)

If authorized, this organization will have access to your ORCID record, as outlined above and described in further detail in [ORCID's privacy policy](#).

You can manage access permissions for this and other Trusted Organizations in your [account settings](#).

# Researchers connect ORCID iDs via authentication



User logs in to their ORCID account to ensure the app connects to the correct ORCID iD.

← Who is asking for access permissions?

← What permissions are being requested?

# ORCID Synch configuration via DSpace

## ORCID Synchronization settings

Synchronization mode

Please select how you would like synchronization to ORCID to occur. The options include "Manual" (you must send your data to ORCID manually), or "Batch" (the system will send your data to ORCID via a scheduled script).

Synchronization mode

Manual

Publication preferences

Select whether to send your linked Publication entities to your ORCID record's list of works.

Disabled

All publications

Funding preferences

Select whether to send your linked Project entities to your ORCID record's list of funding information.

Disabled

All fundings

Profile preferences

Select whether to send your biographical data or personal identifiers to your ORCID record.


Biographical data

Identifiers

[Update settings](#)

## ORCID Registry Queue

Now showing 1 - 1 of 1

Type	Description	Action
	A publication for the ORCID webinar	<a href="#">+</a> <a href="#">✕</a>

# Research outputs synchronization (Import and Export)

 Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection.

 Publication Metadata in CERIF: Inspiration by FRBR

 The impact of COVID-19 on the Optimal Management of Osteoporosis.

[← Back to MyDSpace](#)


## Інформаційно-ресурсний центр "Без бар'єрів": досвід першого року роботи

2023-01-01 | Other

HANDLE: [KhPI-Press/64072](#)

CONTRIBUTORS: Главчева, Юлія Миколаївна; Палей, Тетяна Леонідівна; Новосьолова, Світлана Юріївна

[Show more detail](#)

**Source:**  Electronic National Technical University "Kharkiv Polytechnic Institute" Institutional Repository



# 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.



University of Oxford: Oxford, Oxfordshire, GB

(Said Business School)  
Employment

Source: ORCID Integration at the University of Oxford

▼ Review activity for **British journal of Cancer** (1)

Journal, British journal of Cancer  
ISSN: [1532-1827](#)

Review date: 2020-11-16

Type: Review

Role: Reviewer

Source: Nature Publishing Group



# ORCID iD in publication page and author's profile

## Juvenile octocorals acquire similar algal symbiont assemblages across depths



Kein  
Vorschaubild  
verfügbar

### Dateien





Zu diesem Dokument gibt es keine Dateien.

### Datum

2024

### Autor:innen

Liberman, Ronen

 Woolstra, Christian R.   
 Hume, Benjamin C. C.   
Benayahu, Yehuda

### Publikationstyp

Zeitschriftenartikel

### Publikationsstatus

Published

### Erschienen in

Coral Reefs. Springer, ISSN 0722-4028, eISSN 1432-0975, Available under: doi: 10.1007/s00338-024-02470-3

### Zusammenfassung

Abstract Establishment of the coral-algal symbiosis begins during early ontogeny when juveniles acquire a mix of algae from their environment that often differs from the adults' algal assemblages. Despite the importance of the type of Symbiodiniaceae to this symbiosis, it is largely unknown how coral host identity and environment affect symbiosis establishment and is affected by the genetic composition of the symbionts. Here, we reciprocally transplanted planulae of the octocoral *Rhytisma fulvum* (Forskål, 1775) across depths and monitored the algal assemblages in the developing juveniles for 11 months. We then compared these to adult assemblages using ITS2 metabarcoding. Juveniles were consistently dominated by *Symbiodinium*, in addition to multiple *Cladocopium* species, which shifted in dominance with the juvenile age but maintained high similarity across depths. The type of Symbiodiniaceae environmentally available thus likely contributes to the algal symbionts that are initially acquired, while host identity may play a significant role in selecting for symbionts that are maintained during juvenile development.

## Person: 4Science Researcher



Name

4Science Researcher

[Full item page](#)

0000-0002-1622-9796 

### Email Address

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# What Research Managers can do next to prepare for these changes

- Does your university have ORCID membership?
- Which campus systems are connected to ORCID?
- Discuss who is going to write data to the ORCID profiles of your researchers?
- Form a working group to plan





# Important links and support



# ORCID On-demand

You are here: [Home](#) / ORCID On-Demand



## ORCID On-Demand

Catch up on our webinars anytime, anywhere

LIVE EVENTS

EVENT RESOURCES

### Featured Session

#### Better Together: PIDs and Open Science – Connections Make Science Open

The third session of Better Together, a joint webinar series co-organized by Crossref, DataCite and ORCID, features speaker, Dr. Tiffany Straza, an Open Science Consultant in the Section of Science, Technology and Innovation Policy at UNESCO.

As addressed in the UNESCO Recommendation on Open Science and UNESCO open science toolkit, Open Science infrastructures are key to the sustainability of Open Science. To make scientific research more accessible to everyone, the interoperability and reusability of research outputs associated with uniquely identified individuals are fundamental, which can be achieved via adopting PIDs across different research workflows, improving permanent and unrestricted access to the research community.



<https://info.orcid.org/orcid-on-demand/>

# ORCID for researchers



## ORCID + Researchers

All your research information accessible  
via your own unique profile,  
to be used wherever you need it.

Don't have an ORCID yet?

REGISTER FOR YOUR ORCID NOW

ORCID, which stands for [Open Researcher and Contributor ID](#), is a free, unique, persistent identifier (PID) for individuals to use as they engage in research, scholarship, and innovation activities. We provide ORCID to researchers free of charge so that we may realize our vision of connecting all who participate in research,



### Why get an ORCID?

Learn how ORCID can help you spend more time conducting your research and less time managing it.



# ORCID for universities



## ORCID for Universities and Research Institutions

When you integrate your systems with ORCID, you can more easily stay up to date with the research that comes from your scholars – while making their lives easier.

**Empower your students, faculty and institution by  
integrating with ORCID**

# Help and support

Select Language ▼

Submit a request

## Welcome to the ORCID Help Center

Find help articles, troubleshooting guides, and tutorials

### Getting started

How ORCID can help you, registration, verifying your email, adding some information to your record.

### Updating your record

Adding works, affiliations and other information to your record. How automatic updates happen.

### Managing your account

Email addresses and password, alternative sign-in methods, notification frequency, delegation and...

### ORCID FAQ

General information about ORCID, how ORCID works and where you can find out more.





Thank you very much!

*"Current Pedagogical Technologies in Education"*  
*Kharkiv Polytechnic Institute*

**Francisco Alsina**  
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