



FEDERAL DEMONSTRATION PARTNERSHIP
Redefining the Government & University Research Partnership

eRA- ORCID & SciENCv

Michelle Bulls, Director, NIH OPERA
Shawna Sadler, ORCID

Bart Trawick, NCBI-NLM @ NIH

FDP Meeting – May 2020



Michelle Bulls

Michelle Bulls, Director



Office of Policy for Extramural Research
Administration (OPERA)



Shawna Sadler



Shawna Sadler is the Engagement Manager, Outreach & Partnerships, responsible for overseeing ORCID's global strategic relations and outreach initiatives. Shawna has a background in academic digital librarianship and has worked with research organizations in the US, Canada and Australia.



Bart Trawick



Dr. Bart Trawick has worked at the National Center for Biotechnology Information (NCBI)/National Library of Medicine (NLM) since 2000. He currently leads the Customer Services Division at NCBI, which works to ensure NCBI products meet the needs of researchers and other customers. He also manages My NCBI, which includes the tools SciENCv and My Bibliography. Researchers can use SciENCv to leverage existing data in federal systems and/or ORCID to quickly fill out a biosketch in a variety of agency formats for grant application packages. SciENCv currently supports biosketches formats for the NIH, NSF, and the Department of Education.



Questions

All feedback, comments, questions, please contact Ron Splittgerber, Director, Research Services, Colorado State University: ron.splittgerber@colostate.edu



Upcoming Changes to the Biographical Sketch and Other Support Format Page

NIH OFFICE OF POLICY FOR EXTRAMURAL RESEARCH ADMINISTRATION

FDP MAY 2021, MICHELLE BULLS



Overview

- Recap – form and instructions updates
- What's next? SciENcv
- Discussion/Feedback

FORM AND INSTRUCTION UPDATES

Biosketch Format Updates

- Biosketch Form & Instructions:
 - Updated title of Section B to capture all scientific appointments (*all* positions and scientific appointments, foreign and domestic)
 - Removed Section D: Research Support, which duplicates information provided in Other Support

Note: Scholastic Performance will remain in Section D for fellowship Biosketch
- Page limit has not changed (5 pages)
 - Active positions and appointments required. Previous positions and appointments are optional, if the individual chooses to highlight them



Other Support Format Updates

- Updated form and instructions provide more structured format
- **Supporting documentation:** supporting documentation, which includes copies of contracts, grants or any other agreement specific to senior/key personnel foreign appointments and/or employment with a foreign institution for all foreign activities and resources that are reported in Other Support. If the contracts, grants or other agreements are not in English, recipients must provide translated copies.
- **Immediate notification of undisclosed Other Support:** When a recipient organization discovers that a PI or other Senior/Key personnel on an active NIH grant failed to disclose Other Support information outside of Just-in-Time or the RPPR, as applicable, the recipient must submit updated Other Support to the Grants Management Specialist named in the Notice of Award as soon as it becomes known.
- PI or other senior/key personnel will electronically sign submissions to certify accuracy of the information provided

Implementation of Changes to the Biographical Sketch and Other Support Format Page

- NIH expects applicants and recipients to use the updated Biosketch and Other Support format for applications, Just-in-Time (JIT) Reports, and Research Performance Progress Reports (RPPRs) as of **May 25, 2021**
- NIH will require the use of the updated format pages on and after **January 25, 2022**
 - Electronic signatures and supporting documentation will be required beginning **January 25, 2022**
 - Failure to follow the appropriate formats on or after January 25, 2022, may cause NIH to withdraw applications from or delay consideration of funding.
- Applicants and recipients remain responsible for disclosing all research endeavors regardless of the version of the forms used

Electronic Signature Considerations

- Other Support submissions at Just-in-Time and in the RPPR must be submitted as a flattened PDF, after all signatures are obtained.
- Recipients and applicants may use the digital signature software of their choice, and in accordance with their institutional policies.
- Applicants and recipients must maintain supporting documentation to reasonably authenticate that the appropriate individual signed the submission and make it available upon request.





WHAT'S NEXT?

SciENCv

- Updated [SciENCv](#) Biosketch template is available!
- NIH is collaborating with SciENCv on a template for Other Support
 - Use of SciENCv will NOT be required
- Feedback/suggestions we have received so far:
 - Explore ways to electronically sign Other Support using eRA Commons and/or SciENCv
 - Using ORCID to populate information
 - Flexibility to continue using word templates
 - Don't set character limits on the Other Support template fields

DISCUSSION

Other Support and Biosketch Questions?

- Send inquiries related to changes to the biographical sketch and other support templates to nihosbiosketch@nih.gov.
- NIH is diligently working to ensure complete and timely responses to inquiries received to date via existing email inboxes. The research community may elect to forward inquiries that are pending a response to the new central email inbox, as needed.



ORCID

Connecting Research & Researchers



Federal Demonstration Partnership May, 2021



Shawna Sadler

 <https://orcid.org/0000-0002-6103-5034>

Engagement Manager, Outreach & Partnerships

s.sadler@orcid.org



Agenda



Connecting Research
and Researchers

1. ORCID overview
2. How ORCID reduces administrative burden
3. Optimize data accuracy & timeliness
4. Techniques to get data into & out of ORCID records
5. Common systems to integrate ORCID
6. New initiatives

What is ORCID?



ORCID

An non-profit organization that provides:

1. ORCID iDs to people
2. ORCID records for people
3. Infrastructure to share research data between organizations



Connecting Research
and Researchers



ORCID for Researchers





Free Unique Identifier



Sofia Maria Hernandez Garcia



ORCID iD

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



ORCID Record:



Sofia Maria Hernandez Garcia
ORCID iD
<https://orcid.org/0000-0001-5727-2427>
[Print view](#)
Also known as
S. M. Garcia, Sofia Maria Garcia
Websites & Social Links
[Faculty profile webpage](#)
[@sofiamhg](#)
Country
United States
Other IDs
[Profile system identifier: A-123456](#)
[ResearcherID: L-8716-2018](#)
[eScientist: 0000-0001-5727-2427](#)
Email
sofia.garcia@orcid.org

Biography
Sofia Maria Hernandez Garcia is used for testing and demonstrating ORCID records.
▼ Employment (1) [Sort](#)

☒ **New Arizona State University: Sedona, Arizona, US**
2015-09 to present | Associate Professor (Department of Geography)
Employment
Source: Sofia Maria Hernandez Garcia [★ Preferred source](#)

▼ Education and qualifications (3) [Sort](#)

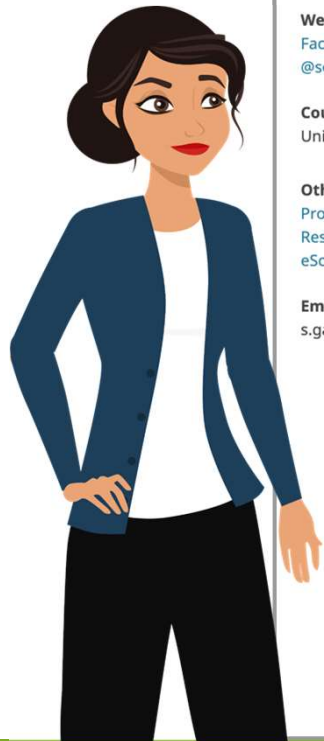
☒ **London School of Physics: London, GB**
2016 to 2018 | PhD (Computer Science)
Qualification
Source: Sofia Maria Hernandez Garcia [★ Preferred source](#)

☒ **Universidad Politécnica de Madrid: Madrid, Comunidad de Madrid, ES**
2008-09 to 2012-05 | BA Computer Science
Education
Source: Sofia Maria Hernandez Garcia [★ Preferred source](#)

☒ **University of Kingston: Kingston, JM**
2010 to 2012 | UX Design Certificate (User Experience)
Qualification
Source: Sofia Maria Hernandez Garcia [★ Preferred source](#)



ORCID Record:



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

Websites & Social Links
[Faculty profile webpage](#)
[@sofiamhg](#)

Country
United States

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

Email
s.garcia@orcid.org

▼ Membership and service (2)

Sort

Association of Personal & Research Identifiers : Auckland, NZ

2017 to present

Membership

Source: Sofia Maria Hernandez Garcia

★ Preferred source

ORCID: Bethesda, MD, US

2014 to 2016 | Honorary ORCID Director (Systems)

Service

Source: Sofia Maria Hernandez Garcia

★ Preferred source

▼ Funding (1)

Sort

Grant for ORCID

Wellcome Trust (London)

2014 to present | Grant

Source: Sofia Maria Hernandez Garcia

★ Preferred source

▼ Research resources (1 of 1)

Sort

Giant Laser Award

ORCID (Bethesda, Maryland, US)

1999-02-02 to 2012-02-02

SOURCE-WORK-ID: 123456

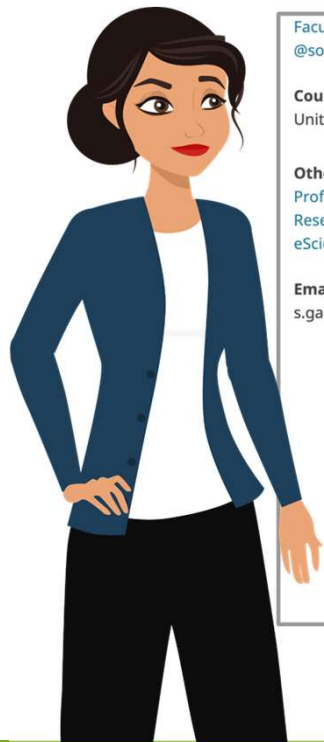
HANDLE: <https://grants.net/123456>

Source: ORCID

★ Preferred source



ORCID Record:



[Faculty profile webpage](#)
[@sofiamhg](#)

Country
United States

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

Email
s.garcia@orcid.org

Works (3 of 3) Sort

☒

CASRAI and ORCID: Putting the Pieces together to Collaboratively Support the Research Community
Procedia Computer Science
2014 | journal-article
DOI: [10.1016/j.procs.2014.06.045](#)
Part of ISSN: [1877-0509](#)
Source: Sofia Maria Hernandez Garcia via Crossref Metadata Search ★ Preferred source (of 2)

☒

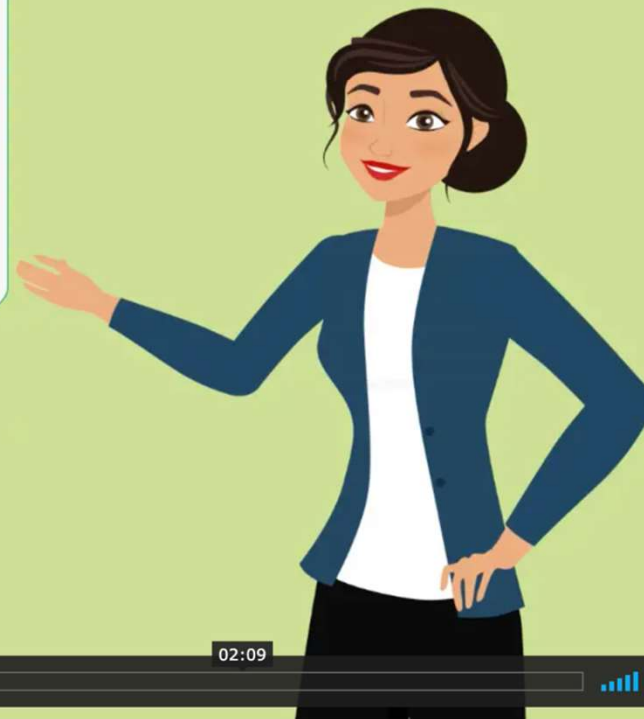
ORCID Annual Public Data File, 2013
2013 | data-set
DOI: [10.14454/07243.2013.001](#)
Source: DataCite ★ Preferred source

☒

ORCID: a system to uniquely identify researchers
Learned Publishing
2012-10-01 | journal-article
DOI: [10.1087/20120404](#)
Part of ISSN: [0953-1513](#)
Source: Sofia Maria Hernandez Garcia via Crossref Metadata Search ★ Preferred source (of 3)



A Quick Tour of the ORCID Record



03:02

02:09



ORCID for Universities





**Li Wei,
Research Administrator**

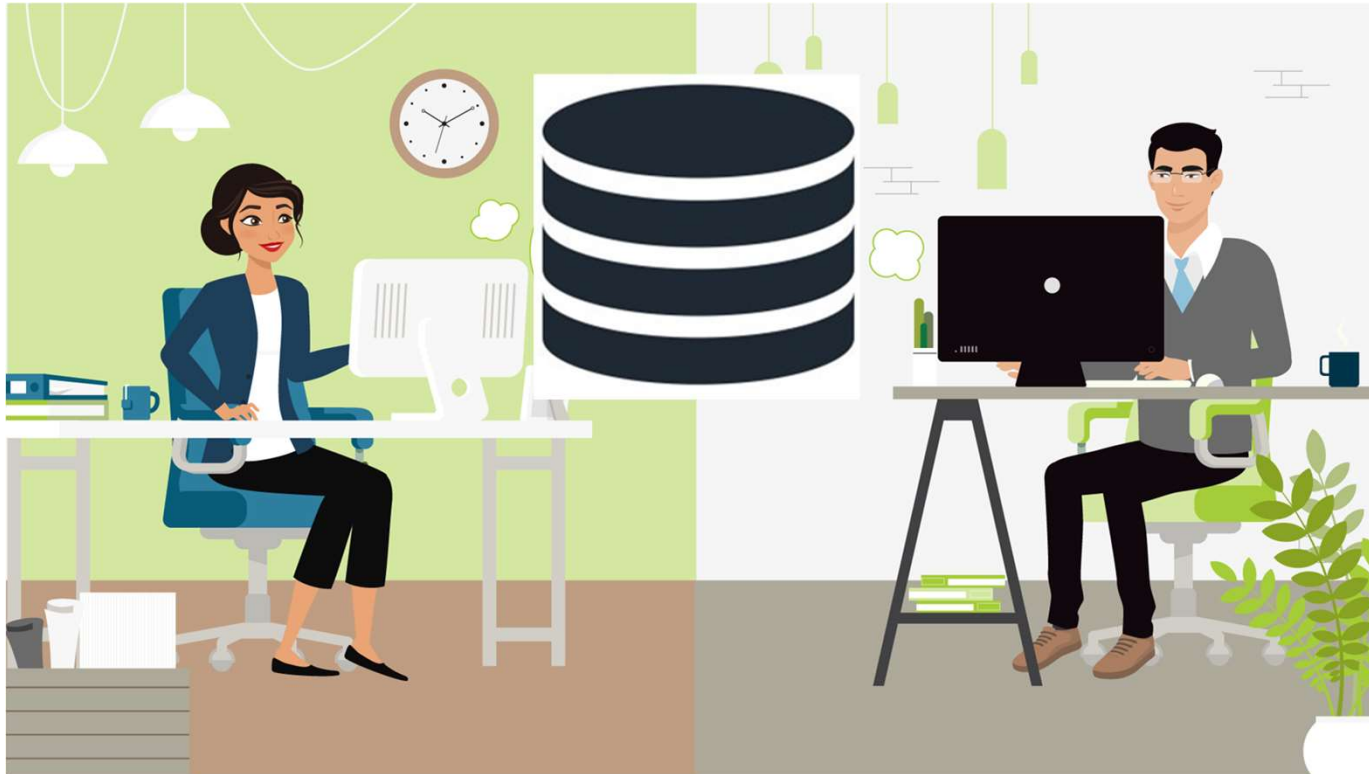


<https://orcid.org/0000-0001-5727-8989>





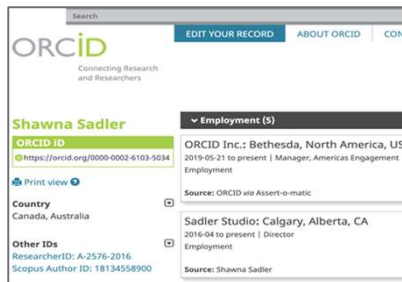
University Research
Management System(s)





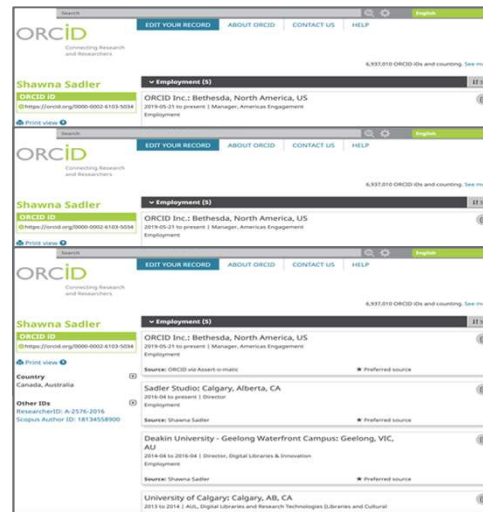
Researcher

- 1) Registers for an ORCID iD
- 2) Populates record



ORCID

All records are saved in the
ORCID Registry



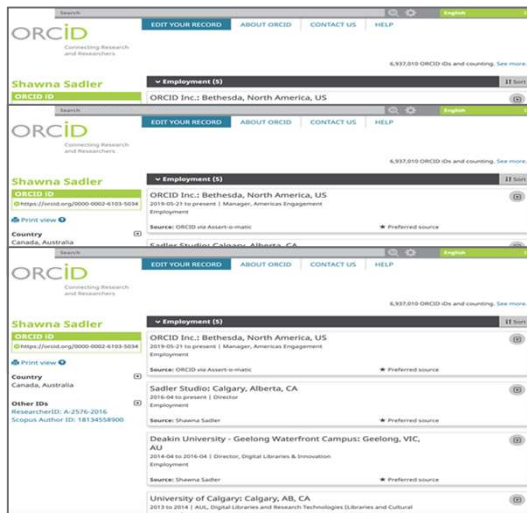
University

API transfer researcher
data to your systems



API Technology to Transfer Data

ORCID Registry

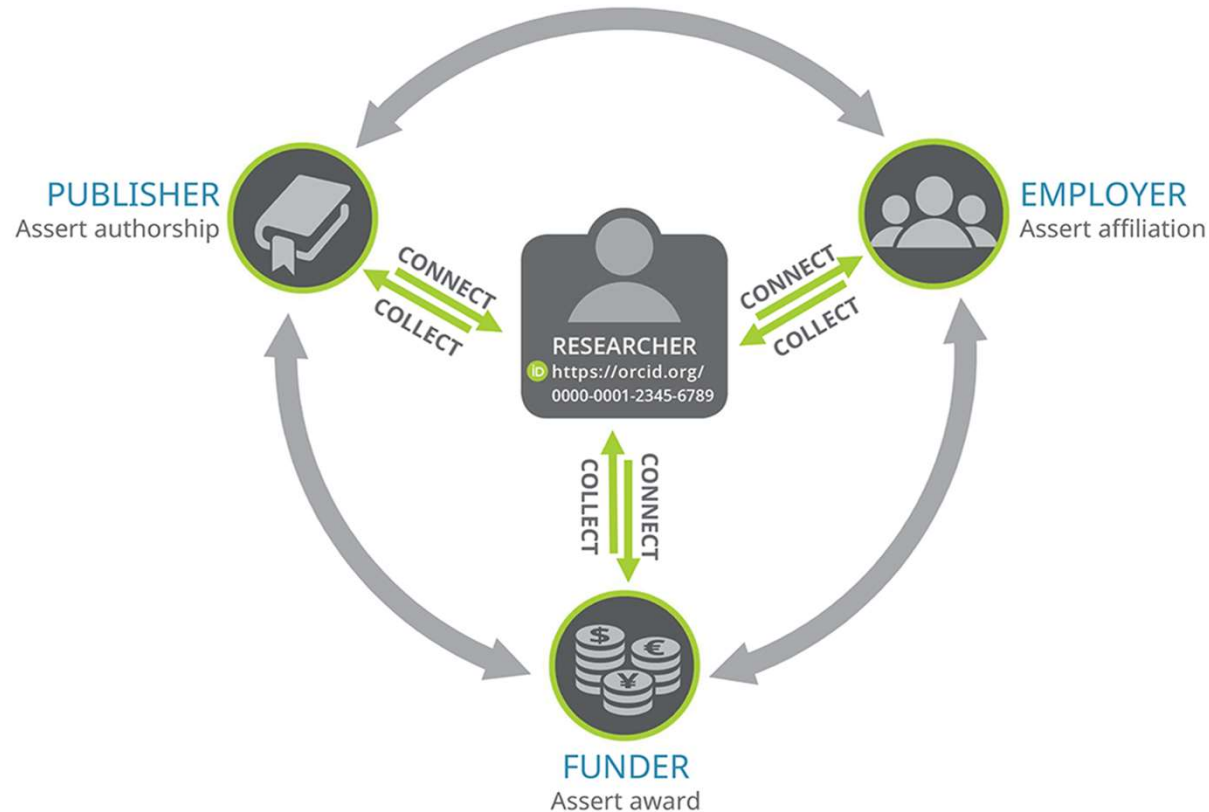


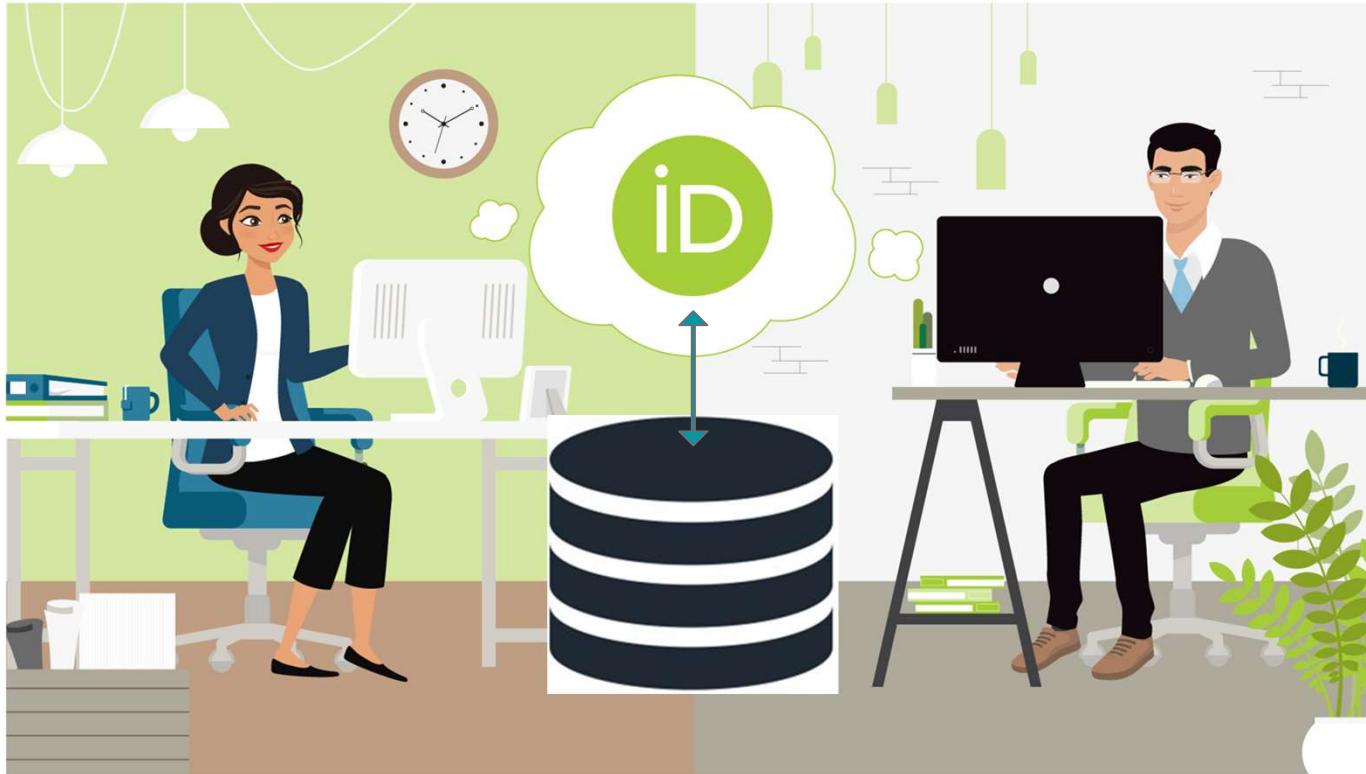
ORCID
API

University Research
Management System(s)



ORCID Reducing Burden and Improving Transparency





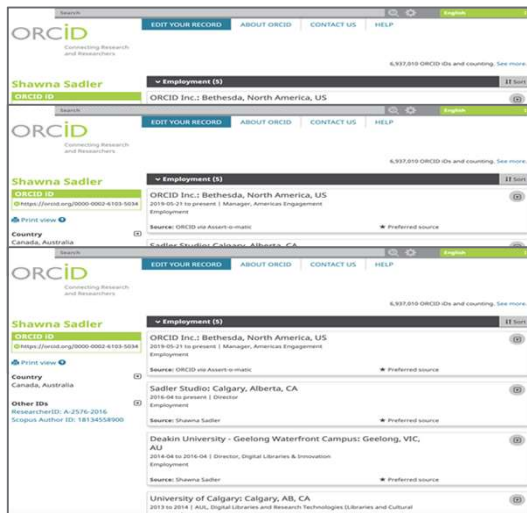
Adam from IT

How do we build this?



API Technology to Transfer Data

ORCID Registry



ORCID
API

University Research
Management System(s)



ORCID has 4 APIs

Sandbox
ORCID
API

Testing

Public
(free)
ORCID
API

Read/Pull

Member
(Basic)
ORCID
API

Read/Pull
Write/Push

Member
(Premium)
ORCID
API

Read/Pull
Write/Push
Faster & Monthly
Reports



Why GitHub? ▾ Team Enterprise Explore ▾ Marketplace Pricing ▾

Search



Sign in

Sign up



ORCID, Inc

<http://www.orcid.org>

Repositories 46 Packages People 4 Projects

Pinned repositories

ORCID-Source

ORCID Open Source Project

Java 239 98

orcid-api-tutorial

MkDocs version of ORCID API workshop materials

HTML 11 8

orcid-angular

Angular UI for ORCID

TypeScript 5 6

orcid-model

Container for all classes that will be used to marshal and unmarshal XML/JSON from the API

Java 10 13



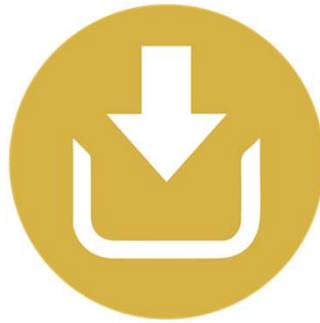
What can ORCID do?



Authenticate



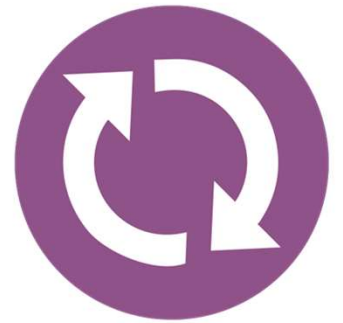
Display



Collect



Connect



Update



ORCID-enabled Systems

<https://info.orcid.org/orcid-enabled-systems>


35 Systems

ORCID also supports custom system integrations

Organization: System Name	Category	Certified Service Provider	Can Use with Public API	Collect Authenticated IDs	Read from Records	Add Affiliations	Add works	Add Funding
DSpace CRIS	CRIS		✓	✓	✗	✓	✓	✓
FACTScience	CRIS		✗	✓	✗	✗	✓	✗
HAPLO	CRIS		✓	✓	✗	✓	✓	✗
SmartSimple	Funder		✗	✓	✗	✗	✗	✗
Symplectic Elements	CRIS		✓	✓	✓	✓	✓	✗
Vidatum	CRIS		✓	✓	✓	✓	✓	✗
Royal Society Te Apārangi: NZ ORCID Hub	Association							
Altum: Proposal CENTRAL	Funder		✗	✓	✓	✗	✗	✓
Atlas: S2ID	CRIS		✗	✓	✗	✓	✗	✗
Clarivate: Converis	CRIS		✗	✓	✓	✗	✓	✗



ORCID data to populate a NIH Biosketch

		NIH Biosketch
1.	Biography	Personal Statement
2.	Employment	Positions and Honors
3.	Education	Education/Training
4.	Works	Citations & Contribution to Science
5.	Funding	Additional Information: Research Support and Scholastic Performance

Affiliation Manager tool

- Consortium members, write to ORCID records
- Employment, Education, Qualification, Invited-Position, Distinction and Service

Individual entry

Bulk upload (csv file)

ORCID Member Portal BETA | ORCID, Inc

Member Tools Administration

Add or edit affiliation

User Email

Affiliation Type

Organization Name

City State/Region Country

Organization ID Source Organization ID

Department Role/Title URL

Start Year Start Month Start Day

email	affiliation-section	department-name	role-title	start-date	end-date	org-name	org-country	org-city	org-region	disambiguated-organization-identifier	disambiguation-source	url
p.arnold@utorid.org	membership	Association	Test role	2019-08	2020-07	University of Toronto	CA	Toronto	CA	grid.17063.33	GRID	http://www.utoronto.ca/
p.arnold@utorid.org	invited-position	Water Chemistry	Lab Manager	2014-04		Free Universität Berlin	DE	Berlin	DE	grid.14095.39	GRID	https://fu-berlin.de
p.arnold@utorid.org	education	Information Science		2017-10	2018-07	University of Granada	ES	Granada	ES	grid.4489.1	GRID	https://ugr.es



Freely available tools to enter data in ORCID Records

1. Trusted Individual (free)
 - Researcher can assign someone as a Trusted Individual to write/edit their ORCID record
2. Search & Link Tools
 - DOE, Scopus, The Lens, MLA, Crossref...
3. Use an identifier like DOI
4. Upload data with Bibtex file



New ORCID Initiatives

1. Research Data Management Plan (or DMPs) citations in ORCID records

2. Funded-by relationship for scholarly works

3. CRediT Taxonomy

- Give credit to everyone who worked on the research, not just the authors or PIs
- 14 contribution types to scholarly work
Conceptualization, Methodology, Software, Validation, Formal analysis, Investigation, Resources, Data curation, Writing – original draft, Writing – review & editing, Visualization, Supervision, Project administration, Funding acquisition

The ORCID logo consists of the word "ORCID" in a sans-serif font. The letters "ORCI" are grey, and the letters "d" and "D" are a vibrant green. The "i" in "d" has a dot above it.

Connecting Research
and Researchers



New Crossref Initiative

Grant DOIs



Full support for grant identifier registration and dissemination at Crossref will be rolled out over the next few months.

Schema supports ORCID, ROR and aims to streamline reporting workflows for funders, researchers and research offices.

<https://www.crossref.org/community/grants/>



Two ORCID Consortia for membership

US Federal Agencies
(Universities)

US Government
ORCID Consortium

U.S. Department of Energy
Office of Scientific and Technical Information

\$7,500

ORCIDconsortium@osti.gov

US Non-profits
 **LYRasis**[®]

\$4,800/year

orcidus@lyrasis.org



Benefits of ORCID

1. Reduced administrative burden
2. Populate data in researcher's records for them
3. Plug your system into this infrastructure to enable auto updates





SciENCv Update

Federal Demonstration Partnership, 26 May 2021

Bart Trawick, PhD

SciENcv = Science Experts Network Curriculum Vitae

*Use your data from multiple systems to support
funding applications, reporting, and
collaboration with less burden and complexity*



Reduce Burden

Current Features

NIH biosketches, NSF biosketch, NSF Current and Pending Support, Dept. of Ed. IES biosketch
Integration with ORCID, Fastlane, PubMed/PMC, and eRA Commons

<http://www.ncbi.nlm.nih.gov/sciencv>



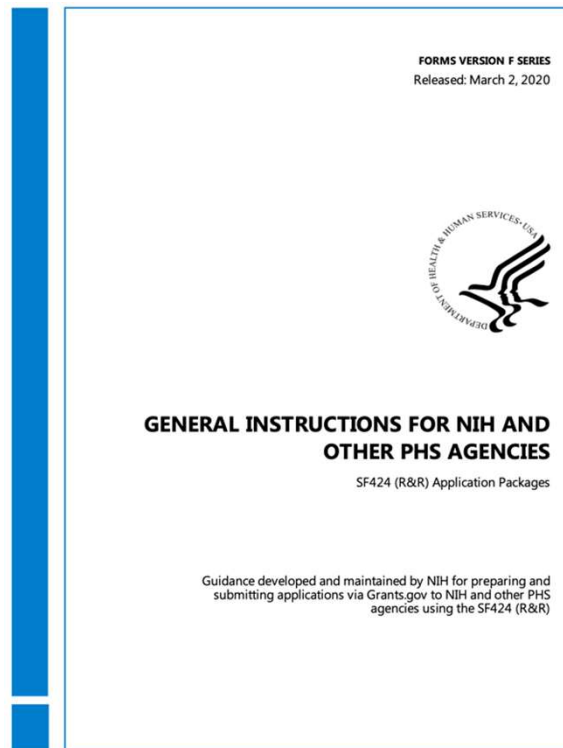
Leverage Data



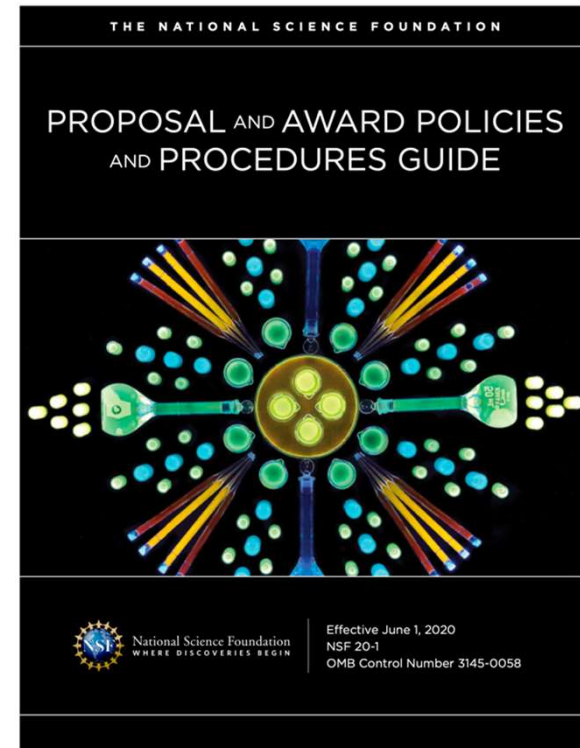
Track Impact



Reduce dependency on agency administrative guidelines



NIH SF424 Application guide, 310 pages



NSF Proposal and Award Policies and Procedures Guide, 185 pages



Applicants can use existing agency accounts



Sign in to NCBI



User Name:

Password: [Change Password](#)

Log in

Sign into ORCID or [Register now](#)

Personal account

Institutional account

Sign in with your ORCID account

Email or ORCID ID

ORCID password

Sign into ORCID

[Forgotten your password? Reset it here](#)

Sign in with a social media account

Sign in with Google

Sign in With Facebook

NSF User Sign In

There are 2 ways to sign in to Research.gov. Use your **NSF ID** or your

NSF ID

[Forgot? / Look Up NSF ID](#)

Password

[Forgot Password](#)

Sign In



Applicants can use *multiple* agency accounts



NCBI Resources How To

COVID-19 is an emerging, rapidly evolving situation.
Get the latest public health information from CDC: <https://www.coronavirus.gov>.
Get the latest research from NIH: <https://www.nih.gov/coronavirus>.
Find NCBI SARS-CoV-2 literature, sequence, and clinical content: <https://www.ncbi.nlm.nih.gov/sars-cov-2/>.

My NCBI » Settings

NCBI Account Settings

Email

husainnf@ncbi.nlm.nih.gov (confirmed)
This email is used for delivery of saved searches and recovery of password for your native NCBI account. [Change](#)

Native NCBI Account The following username and password is maintained by NCBI.

Username:	sciencvtest2	Change
Password:	*****	Change

Linked accounts You can sign in via these 3rd-parties. Contact the 3rd party for sign-in related issues.

eRA	999000001@nsl.gov	Change
eRA Commons	JOHNDOE	
ORCID	0000-0002-0923-6859	

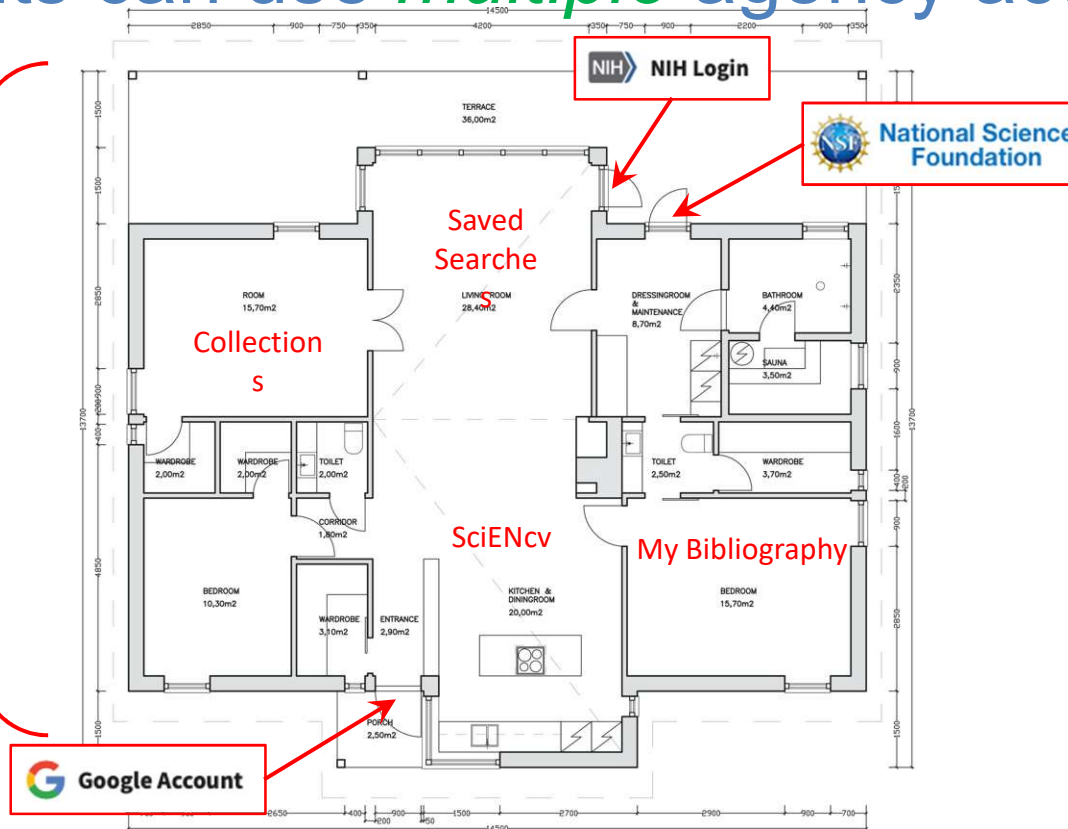
Delegates

You can add delegates to help you manage your bibliography and/or SciENcv profiles.
[Add a Delegate](#)



Applicants can use *multiple* agency accounts

My NCBI



Local NCBI authentication to be phased out in 2021-2

The screenshot displays the NCBI login interface. On the left, the main login panel features the NIH logo, the text 'U.S. National Library of Medicine' and 'NCBI National Center for Biotechnology Information', and a large 'Log in' heading. Below this, there are four login buttons: 'eRA Commons', 'Google Account', 'NIH Account', and 'NCBI account'. The 'NCBI account' button is crossed out with a large red 'X'. A blue arrow points from the 'more login options' button to a secondary panel on the right. This panel, titled 'Find your login provider', contains a search bar and a list of institutions under a letter index (A-Z). The 'NCBI account' option is also crossed out with a red 'X' in this panel. At the bottom of the main panel, the text 'New here? Sign up' is also crossed out with a red 'X'.

Log in

eRA Commons

Google Account

NIH Account

~~NCBI account~~

more login options

~~New here? Sign up~~

Find your login provider

start typing ...

Close

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Technische Hochschule Mittelhessen, Germany
Technische Hochschule Nürnberg Georg Simon Ohm, Germany
Technische Hochschule Ostwestfalen-Lippe, Germany
Technische Universität Berlin, Germany
Technische Universität Clausthal, Germany
Technische Universität Darmstadt, Germany
Technische Universität Dortmund, Germany
Technische Universität Dresden, Germany
Technische Universität Ilmenau, Germany
Techno India University
Technological Educational Institute of Crete, Greece
Technological Educational Institute of Sterea Ellada, Greece
Technology Centre of the CAS, Czech Republic
Tecnológico Sudamericano Guayaquil - tecsud, Ecuador
Tecnológico Espíritu Santo - tes, Ecuador
Teesside University, United Kingdom
Tele-Université (TELUQ) (du Québec), Canada
Telford College of Arts & Technology, United Kingdom
Temple University
TENET South Africa
Texas A & M University
Texas A&M University - San Antonio
Texas A&M University-Corpus Christi
Texas Christian University
Texas State University
Texas Tech University
Texas Woman's University
Thapar Institute of Engineering and Technology
The Berlin University of the Arts, Germany
The Blackpool Sixth Form College, United Kingdom
The Broad Institute of MIT and Harvard
The Central Academy of Drama, China
The Central Academy of Fine Arts, China
The Chinese University of Hong Kong
The City of Liverpool College, United Kingdom
The Claremont Colleges Services
The College of Haringey, Enfield and North East London, United Kingdom

Local NCBI authentication to be phased out in 2021-2

Current login method

What will happen in
2022

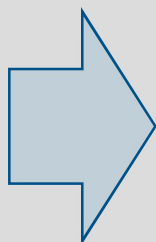
What to do

A



+ Add login method

B



C



How to add an additional login method

1. Click on your username

NCBI Resources How To

My NCBI » Settings

John-doe My NCBI Sign Out

NCBI Account Settings

Email

you_smile@me.com (confirmed)

This email is used for delivery of saved searches and recovery of password for your native NCBI account.

Change

Native NCBI Account

The following username and password is maintained by NCBI.

Username: John-doe

Password: *****

Change

Linked accounts

You can sign in via these 3rd-parties. Contact the 3rd party for sign-in related issues.

National Science Foundation (Researcher Login), USA

trawick@mail.nih.gov

ORCID

0000-0002-3635-3508 (currently signed in via this method)

Change

Delegates

You can add delegates to help you manage your bibliography and/or SciENcv profiles.

Add a Delegate

2. Choose new method

All Available Partner Accounts

To link your My NCBI account to one of these partner organizations, click on its link. If necessary, you will go to that organization's login page to log in. You will then see that account listed above under Your Linked Accounts.

Search for account name: gd

Login Account Options

Account	
Algoma University, Canada	F C
Argonne National Laboratory, USA	F C
BITS Pilani, Goa Campus, India	F C
Bangor University, United Kingdom	F C
Brookhaven National Laboratory - SDCC.BNL.GOV, USA	F C
Catholic University Eichstaett-Ingolstadt, Germany	F C

3. Authenticate at 3rd party site

Sign in with Google

Choose an account

to continue to nih.gov

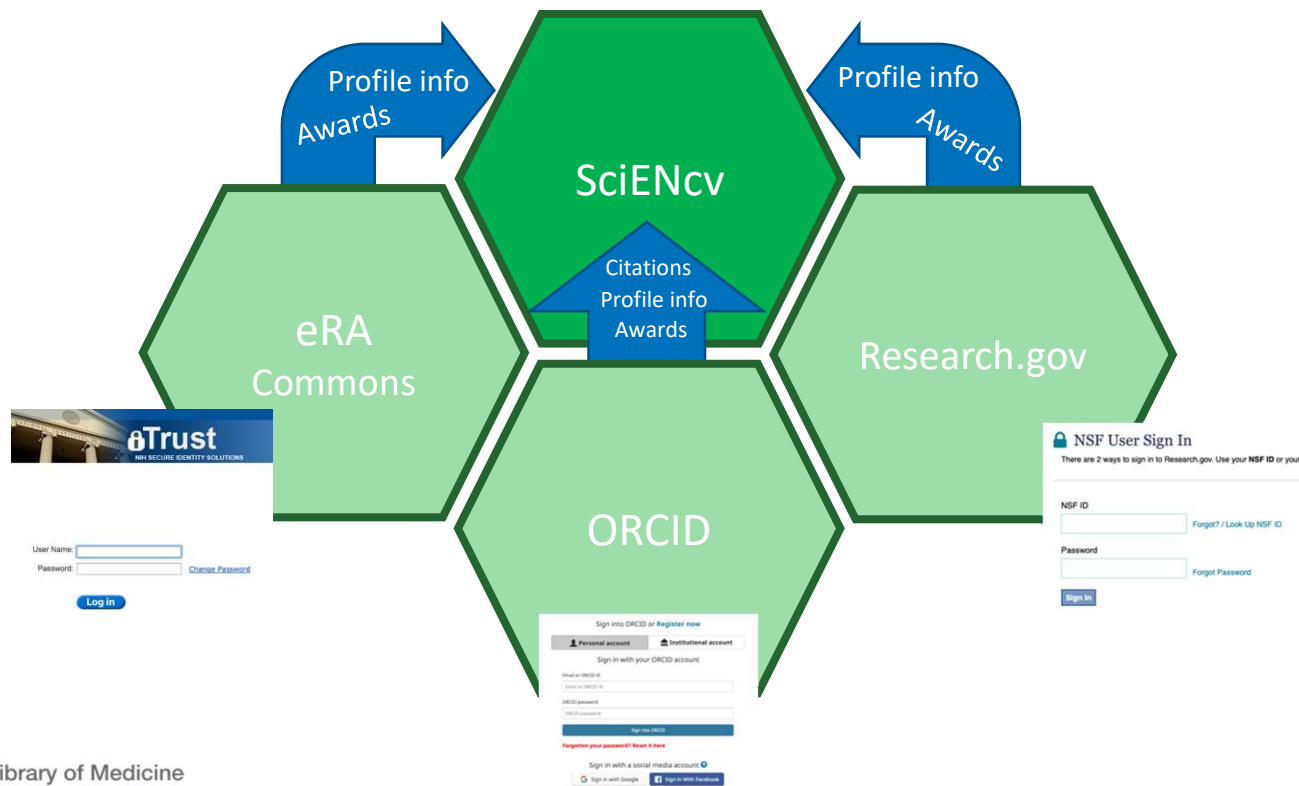
Use another account

To continue, Google will share your name, email address, language preference, and profile picture with nih.gov.

English (United States) Help Privacy Terms



Applicants can leverage existing data





The power of linking data!

MyNCBI linked account

Share your bibliography with this URL: <https://dev.ncbi.nlm.nih.gov/myncbi/bart.trawick.1/bibliography/public/>

[Make bibliography private](#)

Manage citations Add citations Filter citations

Filtered by: drone Clear filters

drone Search

1 citations, Sort by newest to oldest

- ☐ Zègre-Hemsey JK, Bogle B, Cunningham CJ, Snyder K, Rosamond W. [Delivery of Automated External Defibrillators \(AED\) by Drones: Implications for Emergency Cardiac Care](#). Curr Cardiovasc Risk Rep. 2018 Nov;12. doi: 10.1007/s12170-018-0589-2. Epub 2018 Sep 3. PubMed PMID: 30443281; PubMed Central PMCID: PMC6233720.

Public Access Compliance. PMCID: PMC6233720



Research Portfolio Online Reporting Tools (RePORTER)

1 Award

C. PRODUCTS

Acceptable products must be citable and accessible including but not limited to publications, data sets, software, patents, and copyrights. Unacceptable products are unpublished documents not yet submitted for publication, invited lectures, and additional lists of products. Each product must include full citation information including (where applicable and practicable) names of all authors, date of publication or release, title, title enclosing work such as journal or book, volume, issue, pages, website and Uniform Resource Locator (URL) or other Persistent Identifier.

PRODUCTS MOST CLOSELY RELATED TO THE PROPOSED PROJECT [Select citations]

1. Zègre-Hemsey JK, Bogle B, Cunningham CJ, Snyder K, Rosamond W. [Delivery of Automated External Defibrillators \(AED\) by Drones: Implications for Emergency Cardiac Care](#). Curr Cardiovasc Risk Rep. 2018 Nov;12. doi: 10.1007/s12170-018-0589-2. PubMed PMID: 30443281; PubMed Central PMCID: PMC6233720.

OTHER SIGNIFICANT PRODUCTS, WHETHER OR NOT RELATED TO THE PROPOSED PROJECT [Select citations]

1. Li H, Feng J, Zhang W, Gu H, Smith J. Ab initio thermodynamic study of the structure and chemical bonding of a β -Ni 1 - x Al x / α -Al 2 O 3 interface. Physical Review B. 2009 November 23; 80(20):-.

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> Curr Cardiovasc Risk Rep, 12 Nov 2018

Delivery of Automated External Defibrillators (AED) by Drones: Implications for Emergency Cardiac Care

Jessica K Zègre-Hemsey, Brittany Bogle ... Wayne Rosamond - collapse

Authors

Jessica K Zègre-Hemsey ¹, Brittany Bogle ², Christopher J Cunningham ³, Kyle Snyder ⁴, Wayne Rosamond ⁵

Affiliations

- 1 School of Nursing, University of North Carolina at Chapel Hill, Carrington Hall, Campus Box 7460, Chapel Hill, NC 27599-7460, USA.
- 2 Research Collaborator, Gillings School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.
- 3 School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, USA.
- 4 NextGen Air Transportation Consortium, North Carolina State University, Raleigh, USA.
- 5 Gillings School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.

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Project Leader: WEINBERGER, MORRIS

Organization: UNIV OF NORTH CAROLINA CHAPEL HILL

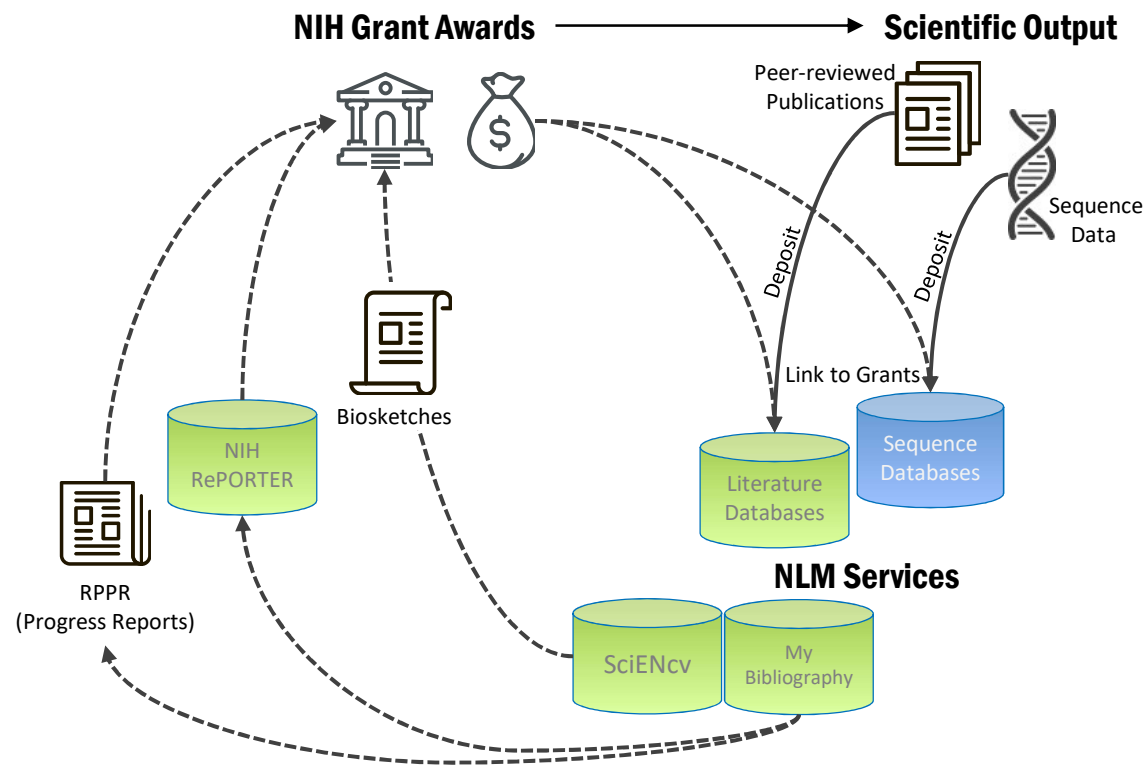
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Anna K; Schlosser, Rodney J; Kimple, Adam J; Senior, Christopher J; Snyder, Kyle; Rosamond, Wayne; Bogle, Brittany; Zègre-Hemsey, Jessica K; Damschroder, Laura; Aldridge 2nd, William A; Justin, DeVon, Holl A



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NIH Biosketch

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NAME [\[Edit \]](#)
Trawick, Barton

eRA COMMONS ID trawick

ORCID ID <http://orcid.org/0000-0002-3635-3508>

EDUCATION/TRAINING [\[Edit entries \]](#)

(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE (if applicable)
Texas A&M University, College Station, TX	BACHELOR OF /
University of Texas Health Science Center at Houston, Houston, TX	MASTER OF SCIENCE
University of Texas Health Science Center at Houston, Houston, TX	DOCTOR OF PHILOSOPHY

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NAME [\[Edit \]](#)
Trawick, Bart

ORCID ID <http://orcid.org/0000-0002-3635-3508>

A. PROFESSIONAL PREPARATION [\[Edit entries \]](#)

List undergraduate and graduate education and postdoctoral training. List the year the degree was received as well as inclusive dates of postdoctoral training.

INSTITUTION	LOCATION	MAJOR/AREA OF STUDY	DEGREE (if applicable)	YEAR
Texas A&M University	College Station, TX, US	Chemistry		1992
University of Texas Health Science Center at Houston	Houston, TX, US	Biochemistry	MASTER OF SCIENCE	1996
University of Texas Health Science Center at Houston	Houston, TX, US	Immunology	DOCTOR OF PHILOSOPHY	2000



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ORCID ID: <https://orcid.org/0000-0002-3635-3508>
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Biography

Employment (1)
National Institutes of Health: Bethesda, MD, US
2000-08-01 to present | Staff Scientist (National Library of Medicine)
Employment
Source: Bart Trawick

Education and qualifications (3)
University of Texas Health Science Center at Houston: Houston, TX, US
1996-05-01 to 2000-05-01 | Ph.D. (Immunology)
Education
Source: Bart Trawick

University of Texas Health Science Center at Houston: Houston, TX, US
1994-01-01 to 1996-05-01 | M.S. (Biochemistry and Molecular Biology)
Education
Source: Bart Trawick

Texas A&M University: College Station, TX, US
1988-07-01 to 1992-05-01 | B.A. (Chemistry)
Education
Source: Bart Trawick

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NAME [Edit]
Trawick, Barton

eRA COMMONS ID **ORCID ID**
trawick <http://orcid.org/0000-0002-3635-3508>

EDUCATION/TRAINING [Edit entries]
(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YYYY	FIELD OF STUDY
Texas A&M University, College Station, TX	BACHELOR OF ARTS	05 / 1992	Chemistry
University of Texas Health Science Center at Houston, Houston, TX	MASTER OF SCIENCE	05 / 1996	Biochemistry
University of Texas Health Science Center at Houston, Houston, TX	DOCTOR OF PHILOSOPHY	08 / 2000	Immunology

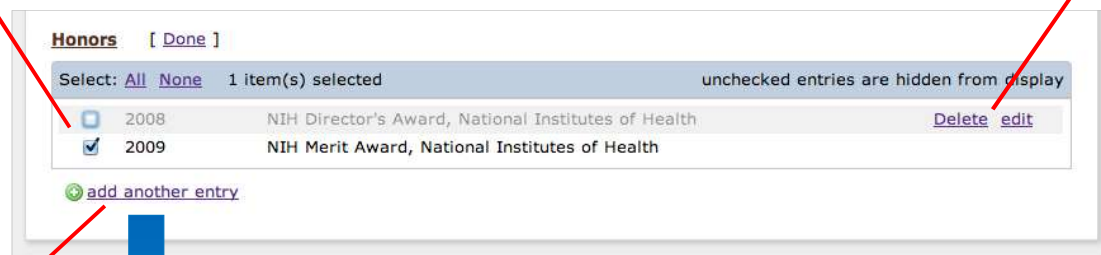
Control over your data

Show/hide
item

Delete/edit
existing items

Create new
entry

New entry
dialog box



The screenshot shows a web interface for managing honors. At the top, there's a header "Honors" with a "[Done]" link. Below it, a selection bar shows "Select: All None" and "1 item(s) selected". A note on the right says "unchecked entries are hidden from display". The main table has two rows: the first row is for the year 2008 with the text "NIH Director's Award, National Institutes of Health" and links "Delete" and "edit"; the second row is for the year 2009 with the text "NIH Merit Award, National Institutes of Health" and the same links. At the bottom of the table, there is a green plus icon and a link "add another entry".

Select	Year	Honor	Actions
<input type="checkbox"/>	2008	NIH Director's Award, National Institutes of Health	Delete edit
<input checked="" type="checkbox"/>	2009	NIH Merit Award, National Institutes of Health	Delete edit

[add another entry](#)



The screenshot shows a dialog box titled "Add honors". It has three input fields: "Honor:" with a red asterisk indicating it's a required field, "By Organization:", and "Year:" with a placeholder "YYYY". At the bottom, there are three buttons: "Save", "Save & add another entry", and "Cancel".

Add honors

Honor: *

By Organization:

Year:



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C. PRODUCTS

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PRODUCTS MOST CLOSELY RELATED TO THE PROPOSED PROJECT [[Save citations](#)]

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 - ☐ Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2014 Jan;42(Database issue):E1-E2. PubMed PMID: PMC3965057.
 - ☒ Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2013 Jan;41(Database issue):E1-E2. PubMed PMID: PMC3531099.



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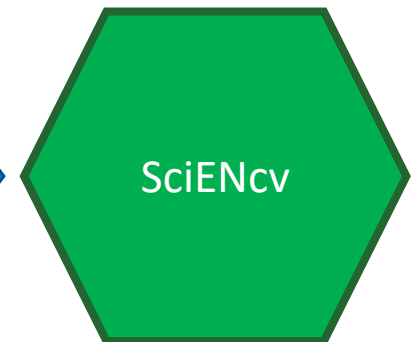
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1. Edelsbrunner H, Guibas L, Hershberger J, Seidel R, Sharir M, Snoeyink J, Welzl E. Implicitly representing a Computational Geometry. 1989 October 1; 4(5):433-466. Available from: <http://link.springer.com/10.1007/BF02144768>

1. Edelesbrunner H, Gutis L, Hershenberg J, Seidel A, Sharir M, Shtoynev Y, Weizl E. Implicating representing in Computational Geometry. 1989 October 6; 4(5):433-466. Available from: <http://link.springer.com/10.1007/BF00146001>.
2. Scott RA, Lago V, Wu JR, Wheeler E, Montasser ME, Luan J, Hago R, Strawbridge RJ, Kehnberg G, Guadagnoli C, Shungin D, Sanna SS, Johnson CP, Jakubek JM, Johnson JG, Mahabadi A, Verweij N, Tjebk Sennibai B, Gieger S, Calz P, Perola M, Timmons NJ, Evans DM, Fournier BS, Vuylt W, Andrews JS, Hill J, Blü O'Connell JR, Strutsips K, Vitart V, Hayward C, Esko T, Mihailov E, Prusac RM, Fall T, Voight BF, Raychaudhuri R, Robertson T, Hu C, Liu CT, Beckmann JS, Williams SM, Chines PS, Jackson AU, Kang HM, Stringham EM, Buysbandh M, Murray MG, Feenstra M, Karjalainen V, Haritunjev T, Havulinna M, Lehtinen M, Ukkonen V, Varga V, Rybin D, Rybin G, Oksa H, Anttonella M, Nagajärä R, Trompet S, Ford T, Bakker SJ, Kong C, Kumarani AN, Jangino M, Small M, Mikjovic I, Lyu A, Alataly M, Kiess B, James AL, Rivadeniera F, Ulterlinnder AD, Campbell SC, Polaski R, Kinnunen L, Kinnunen L, Kinnunen L, Kinnunen L, Kinnunen L, Kinnunen L, Kinnunen L, Rathmann W, Grallat H, Maerx W, Kleber ME, Bernas WM, Peters A, Pramstaller PP, Province MA, Borckic M, Farral M, Stumvoll M, Ferrucci L, Waterworth DM, Bergman RN, Collins FS, Tuomilehto J, Watanebe NR, Dahl PA, Pasty BN, Volleideren P, Wilson JR, Wright AF, Hovingh GK, Metspalu A, Uusitalu M, Magnusson PK, Kyvik KO, Pedersen NL, Lind B, Pedersen NL, Pedersen NL, Pedersen NL, Pedersen NL, Pedersen NL, Pedersen NL, Schwarz PE, Lakka TA, Raumaara R, Adair LS, Smith GD, Specter TD, Illig T, Dupire U, Hamsten A, Gustavsson K, Kuakanniemi SM, Saarto TE, Boomsma DI, Stefansson K, van der Hart P, Fairlie JP, Pedersen NL, Satta Mohite KL, Balkau B, Frogue R, Pouza A, Jarvelin MR, Wareham NJ, Bouatia-Nabi N, McCarthy MI, Franks AS, Eriksson P, Prokopenko I, Sirtori CR, Salonen M, Sirtori CR, Salonen M, Sirtori CR, Salonen M, Sirtori CR, Salonen M, biological parameters. Nat Genet. 2012 Sep;44(9):991-1005. PubMed PMID: 22885924; NIHMSID: UKMSK1454.

Close

13. Seidel R, Sharir M, Snoeyink J, Welzl E. Implicitly representing arrangements of lines in the plane. *Discrete Comput Geom*. 1991; 4(5):433-466. Available from: <http://link.springer.com/10.1007/BF02144761>.

NAME: test2, sciencw				
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ORCID: 0000-0002-0923-6859				
POSITION TITLE & INSTITUTION:				
a) PROFESSIONAL PREPARATION				
INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY

c) PRODUCTS

Products Most Closely Related to the Proposed Project

- Edelsbrunner H, Gubias L, Hershenberg J, Seidel R, Sharir M, Snoeyink J, Wetzel E. Implicitly decomposing arrangements of lines or segments. *Discrete & Computational Geometry*. 1991; 6: 1-27.
- 1989 October 1; 4(5):433-446. Available from: <http://link.springer.com/10.1007/BF01218772>
DOI: 10.1007/BF01218772
- Scott RA, Lagou V, Welch RP, Wheeler E, Montasser ME, Luan J, Mägi R, Strawbridge RJ, Reinberg E, Gustafsson S, Kanoni S, Rasmussen-Torvik LJ, Yengo L, Lecocur C, Shungin D, Sanna S, Sidore C, Smith PC, Jenkins JW, Johnson T, Mahajan A, Verweij N, Thorleifsson G, Hottenga JJ, Shah S, Christoph AV, Stubbs JB, Gieger C, Salo P, Perola M, Timponi NJ, Evans DM, Pourcain BS, Wu Y, Andrews JS, Hu J, Bielik FL, Hayward C, Horiuchi M, Navarro P, Isaacs A, O'Connell JR, Strirups K, Viart V, Zhao C, Esko T, Mihailov E, Fraser MR, Fall A, Kinnunen L, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Rybin D, Liu CT, Beckmann JS, Willemse SM, Chines PS, Jackson AU, Kang HM, Stringham HM, Song K, Tanaka T, Peden JF, Gao K, Hicks AA, An P, Müller-Nurasyid M, Franco-Cereceda A, Folkersen I, Marullo L, Jansen H, Oldhinkel AJ, Bruinenberg M, Pankow JS, North KE, Forouhi NG, Loos RJ, Edkins S, Varga TV, Hallmans G, Oksa H, Anttonella M, Nagaraja R, Trompet S, Ried T, Bakker SJ, Koo C, Kumari M, Gigante B, Herder C, Munroe PB, Caulfield M, Antti J, Mangino M, Small K, Miljkovic I, Liu Y, Atalay M, Kiess W, James A, Wadendran F, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Campbell S, Polanski L, Borewaayte LL, Herberg J, Dimitrova M, Bolton JJJ, Fowkes GR, Kinnunen T, Lindström J, Zemunik T, Bandinelli S, Wild SH, Basart HW, Rathmann W, Grallert H, Maerz W, Kieber ME, Boehm BO, Peters A, Pramstaller PF, Province MA, Borecki BB, Hastie ND, Rudan I, Campbell H, Watkins H, Farrall M, Stumvoll M, Ferrucci L, Waterworth DM, Bergman RN, Collins FS, Tuomilehto J, Watanabe RM, de Geus EJ, Penninx BW, Hofman A, Oostra BA, Paaty BM, Vollenweider P, Wilson JF, Wright AF, Hovingh GK, Metspalu A, Uusitalo M, Magnusson PK, Kyvik KO, Kaprio J, Price JF, Deloukas FG, Deloukas P, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Kinnunen T, Peyser PA, Beilby JP, Körner A, Kuusisto J, Laakso M, Bornstein SR, Schwarz PE, Lakka TA, Rauramaa R, Adair LS, Smith DG, Spector TD, Illig T, de Faire U, Hamsten A, Gudnason V, Kivimaki M, Hindorff A, Keinanen-Kiukkaanniemi SM, Saarto TE, Boomsma DI, Stefansson



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Left Panel: The 'PRODUCTS MOST CLOSELY RELATED TO THE PROPOSED PROJECT' section. It shows a list of publications with a 'Save citations' link. A red arrow points to the 'Save citations' link. The list includes publications by Edelsbrunner H, Guibas L, Hershberger J, Seidel R, Sharir M, Snoeyink J, Welzl E, and Scott RA, Lagou V, Welch RP, et al.

Right Panel: The 'PRODUCTS MOST CLOSELY RELATED TO THE PROPOSED PROJECT' section. It shows a list of publications with a 'Save citations' link. A red arrow points to the 'Save citations' link. The list includes publications by Hoefft KS, Scott RA, Lagou V, Welch RP, et al., and Berndt SI, Gustafsson S, Mägi R, Ganna A, Wheeler E, Feitosa MF, et al.

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OMB No. 0925-0001 and 0925-0002 (Rev. 09/17 Approved Through 03/31/2020)

BIOGRAPHICAL SKETCH

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NAME: Trawick, Bart			
eRA COMMONS USER NAME (credential, e.g., agency login):			
POSITION TITLE: Director, Customer Services Division			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	END DATE MM/YYYY	FIELD OF STUDY
Texas A&M University, College Station, TX	BA	05/1992	Chemistry
University of Texas Health Science Center at Houston, Houston, TX	MS	05/1996	Biochemistry
University of Texas Health Science Center at Houston, TX	PHD	07/2000	Immunology

A. Personal Statement

I work to promote access to government-funded science and great user experiences.

- Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2018 Jan 4;46(D1):D8-D13. PubMed PMID: [29140470](#); PubMed Central PMCID: [PMC5753372](#).
- Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2016 Jan 4;44(D1):D7-19. PubMed PMID: [26615191](#); PubMed Central PMCID: [PMC4702911](#).
- Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2015 Jan;43(Database issue):D6-17. PubMed PMID: [25388906](#); PubMed Central PMCID: [PMC4383943](#).

B. Positions and Honors

Positions and Employment

2002 - 2005	Staff Scientist, Bookshelf project, National Center for Biotechnology Information, Bethesda, MD
2005 - 2009	Project Supervisor, NIHMS, National Center for Biotechnology Information, Bethesda, MD
2009 - 2017	Public Services Section, National Center for Biotechnology Information, Bethesda, MD
2017 -	Director, Customer Services Division, National Center for Biotechnology Information, Bethesda, MD

Other Experience and Professional Memberships

Honors

2004	NLM Special Achievement Award, National Library of Medicine
2008	National Institutes of Health Director's Award, National Institutes of Health
2009	NLM Special Achievement Award, National Library of Medicine
2009	National Institutes of Health Merit Award, National Institutes of Health
2011	NLM Special Achievement Award, National Library of Medicine

NSF Biosketch

NSF BIOGRAPHICAL SKETCH

NAME: Trawick, Bart				
ORCID: 0000-0002-3635-3508				
POSITION TITLE & INSTITUTION: Staff Scientist, National Institutes of Health				
(a) PROFESSIONAL PREPARATION				
INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY
Texas A&M University	College Station, TX	Chemistry	BA	1992
University of Texas Health Science Center at Houston	Houston, TX	Biochemistry	MS	1996
University of Texas Health Science Center at Houston	Houston, TX	Immunology	PHD	2000

(b) APPOINTMENTS

2000 - Staff Scientist, National Institutes of Health, National Library of Medicine, Bethesda, MD

(c) PRODUCTS

Products Most Closely Related to the Proposed Project

- Kmetiuk LB, Krawczak FS, Machado FP, Pappas IAD, Martins TF, Teider-Junior PI, Serpa MCA, Barbieri ARM, Bach RVW, Barros-Filho IR, Lipinski LC, P Dos Santos A, Labruna MB, Biondo AW. Ticks and serosurvey of anti-Rickettsia spp. antibodies in wild boars (Sus scrofa), hunting dogs and hunters of Brazil. PLoS Negl Trop Dis. 2019 May;13(5):e0007405. PubMed PMID: [31145746](#); PubMed Central PMCID: [PMC6542515](#).
- Stepkowski SM, Kirken RA, Nagy ZS, Trawick BW, Wang M, Tejpal N, Wang ME, Tian L, Clark J, Kahan BD. The role of Stat5 in the induction of regulatory T cells in transplantation tolerance. Transplant Proc. 2001 Nov-Dec;33(7-8):3835-6. PubMed PMID: [11750634](#).
- Database Resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2017 Jan 4;45(D1):D12-D17. PubMed PMID: [27899561](#); PubMed Central PMCID: [PMC5210554](#).

Other Significant Products, Whether or Not Related to the Proposed Project

- Coussens NP, Sittampalam GS, Guha R, Brimacombe K, Grossman A, Chung TDY, Weidner JR, Riss T, Trask OJ, Auld D, Dahlin JL, Devanaryan V, Foley TL, McGee J, Kahl SD, Kales SC, Arkin M, Baell J, Bejcek B, Gal-Edd N, Glicksman M, Haas JV, Iversen PW, Hoepfner M, Lathrop S, Sayers E, Liu H, Trawick B, McVey J, Lemmon VP, Li Z, McManus O, Minor L, Napper A, Willey MJ, Pacifici R, Chin WW, Xia M, Xu X, Lal-Nag M, Hall MD, Michael S, Ingles J, Simeonov A, Austin CP. Assay Guidance Manual: Quantitative Biology and Pharmacology in Preclinical Drug Discovery. Clin Transl Sci. 2018 Sep;11(5):461-470. PubMed PMID: [29877628](#); PubMed Central PMCID: [PMC6132369](#).
- Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2018 Jan 4;46(D1):D8-D13. PubMed PMID: [29140470](#); PubMed Central PMCID: [PMC5753372](#).

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BIOGRAPHICAL SKETCH
Provide the following information for the Senior/key personnel. Follow this format for each person. DO NOT include the name of the institution.

NAME: Trawick, Bart
eRA COMMONS USER NAME (credential, e.g., agency):
POSITION TITLE: Director, Customer Services Division
EDUCATION/TRAINING (Begin with baccalaureate or doctoral degree, include postdoctoral training and residency training)
INSTITUTION AND LOCATION

Texas A&M University, College Station, TX
University of Texas Health Science Center, Houston, TX
University of Texas Health Science Center, Houston, TX

A. Personal Statement
I work to promote access to government-funded science

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3. Database resources of the National Center for Biotechnology Information. PubMed PMID: [26615191](#); PubMed Central PMCID: [PMC4383943](#).

B. Positions and Honors
Positions and Employment

Year	Position	Institution
2002 - 2005	Staff Scientist, Bookshelf project, National Center for Biotechnology Information	Bethesda, MD
2005 - 2009	Project Supervisor, NIHMS, National Center for Biotechnology Information	MD
2009 - 2017	Public Services Section, National Center for Biotechnology Information	MD
2017 -	Director, Customer Services Division, National Center for Biotechnology Information	Bethesda, MD

Other Experience and Professional Memberships

Honors

Year	Honor	Institution
2004	NLM Special Achievement Award, National Center for Biotechnology Information	National Center for Biotechnology Information
2008	National Institutes of Health Director's Award	National Institutes of Health
2009	NLM Special Achievement Award, National Center for Biotechnology Information	National Center for Biotechnology Information
2009	National Institutes of Health Merit Award	National Institutes of Health
2011	NLM Special Achievement Award, National Center for Biotechnology Information	National Center for Biotechnology Information

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NSF BIOGRAPHICAL SKETCH

3508

EDUCATION: Staff Scientist, National Institutes of Health

EDUCATION

INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR
University of Texas Health Science Center	College Station, TX	Chemistry	BA	1992
University of Texas Health Science Center	Houston, TX	Biochemistry	MS	1996
University of Texas Health Science Center	Houston, TX	Immunology	PHD	2000

Staff Scientist, National Institutes of Health, National Library of Medicine, MD

Related to the Proposed Project

FS, Machado FP, Paploski IAD, Martins TF, Teider-Junior PI, Serpa mach RVW, Barros-Filho IR, Lipinski LC, P Dos Santos A, Labruna MB, serosurvey of anti-Rickettsia spp. antibodies in wild boars (Sus scrofa), of Brazil. PLoS Negl Trop Dis. 2019 May;13(5):e0007405. PubMed PMID: [27899561](#); PubMed Central PMCID: [PMC6542515](#).

RA, Wang ZS, Trawick BW, Wang M, Tejpal N, Wang ME, Tian L, role of SLC6 in the induction of regulatory T cells in transplantation oc. 2001 Nov Dec;33(7-8):3835-6. PubMed PMID: [11750634](#).

the National Center for Biotechnology Information. Nucleic Acids Res. 2017. PubMed PMID: [27899561](#); PubMed Central PMCID: [PMC6542515](#).

Related to the Proposed Project

am GS, Guha R, Brimacombe K, Grossman A, Chung TDY, Weidner uld D, Dahlin JL, Devanaryan V, Foley TL, McGee J, Kahl SD, Kales ejcek B, Gal-Edd N, Glicksman M, Haas JV, Iversen PW, Hoepfner M, H, Trawick B, McVey J, Lemmon VP, Li Z, McManus O, Minor L, Pacifici R, Chin WW, Xia M, Xu X, Lal-Nag M, Hall MD, Michael S, Austin CP. Assay Guidance Manual: Quantitative Biology and nical Drug Discovery. Clin Transl Sci. 2018 Sep;11(5):461-470. PubMed PMID: [29140470](#); PubMed Central PMCID: [PMC6132369](#).

the National Center for Biotechnology Information. Nucleic Acids Res. 2013. PubMed PMID: [29140470](#); PubMed Central PMCID: [PMC6132369](#).



SciENcv has a common data model: copy data to another format

NIH Biosketch

NSF Biosketch



Go from here...



Or here!

NIH Biosketch form showing fields for Name, Title, Position, Education, and Institutional Affiliation. It includes a section for Publications and a list of references.

NIH Biosketch form showing fields for Name, Title, Position, Education, and Institutional Affiliation. It includes a section for Publications and a list of references.

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NSF Biosketch form showing fields for Name, Title, Position, Education, and Institutional Affiliation. It includes a section for Publications and a list of references.

To here!

SciENcv: NSF Current & Pending Support

Current Pending Submission

Project / Proposal Title * COVID-19 Infe

Proposal / Award Number (if available)

Source of Support * NIH

Primary Place of * Bethesda, MD Performance

Project Proposal Support Start Date (if available) 12 2020

Total award amount * \$ 1500000 (including Indirect Costs)

Person-Month(s) or (Partial Person-Months) Per Year 2021

Add year

Save Save & add another entry Cancel

Current and Pending Support Summary

PROJECT/PROPOSAL INFORMATION

Current and Pending Support includes all resources made available to an individual in support of and/or related to all of his whether or not they have monetary value. [1] Information must be provided about all current and pending support, includi for any proposals currently under consideration from whatever source [2], irrespective of whether such support is provided provided directly to the individual. Concurrent submission of a proposal to other organizations will not prejudice its review [1] If the time commitment or dollar value is not readily ascertainable, reasonable estimates should be provided. [2] For example, Federal, State, local, foreign, public or private foundations, non-profits, industrial or other commercial org toward specific projects. [3] The Biological Sciences Directorate exception to this policy is delineated in PAPPG Chapter II.D.2.

IN-KIND CONTRIBUTION INFORMATION

Current and Pending Support also includes in-kind contributions (such as office/laboratory space, equipment, supplies, em; contributions are intended for use on the project being proposed to NSF, the information must be included as part of the Fa section of the proposal and need not be replicated in the individual's Current and Pending Support submission. In-kind cont project/proposal being proposed that have associated time obligations must be reported below. If the time commitment or reasonable estimates should be provided.

Project/Proposal Title	Source of Support	Status of Status	Total Award Amount
COVID-19 infection vectors	NIH	Current	\$1500000
COVID-19: Cardiac impacts	AHA	Current	\$125000

Add Project/Proposal Add In-Kind Contribution

NSF CURRENT AND PENDING SUPPORT

PI/co-PI/Senior Personnel: Trawick, Barton

PROJECT/PROPOSAL CURRENT SUPPORT

- Project/Proposal Title: COVID-19 infection vectors
Proposal/Award Number (if available):
Source of Support: NIH
Primary Place of Performance: Bethesda, MD
Project/Proposal Support Start Date (if available): 2020/12
Project/Proposal Support End Date (if available): 2024/12
Total Award Amount (including Indirect Costs): \$1,500,000
Person-Month(s) (or Partial Person-Months) Per Year Committed

Year	Person-months per year committed
2021	12

- Project/Proposal Title: COVID-19: Cardiac impacts
Proposal/Award Number (if available): 12345
Source of Support: AHA
Primary Place of Performance: Bowling Green, KY
Project/Proposal Support Start Date (if available):
Project/Proposal Support End Date (if available):
Total Award Amount (including Indirect Costs): \$125,000
Person-Month(s) (or Partial Person-Months) Per Year Committed

Year	Person-months per year committed
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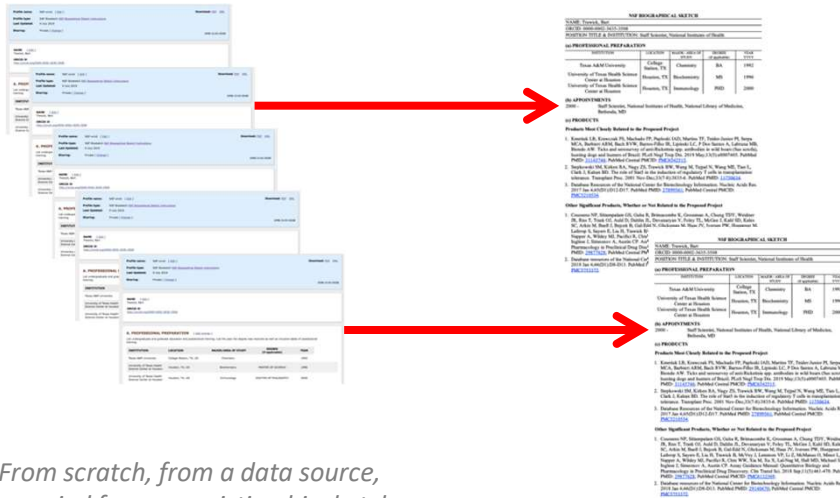
XML attachment

SciENCv Features

Create & store
multiple biosketches
plus C&PS forms

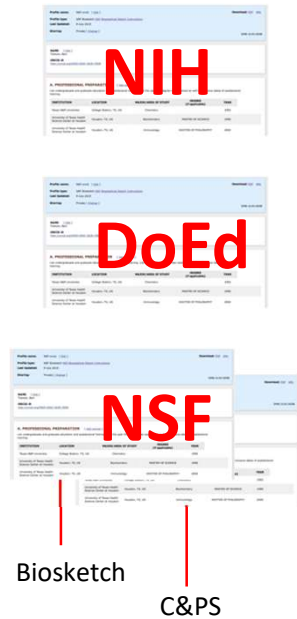
Output PDFs on demand

Have a delegate
manage accounts

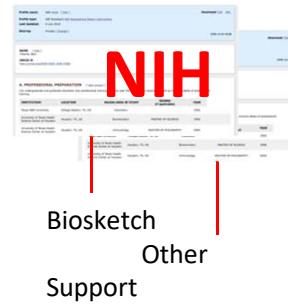


Upcoming SciENCv Developments

Current agency support

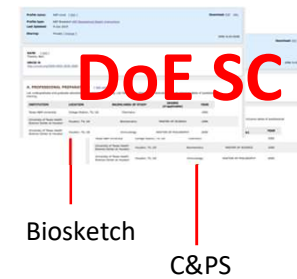


Planned updates



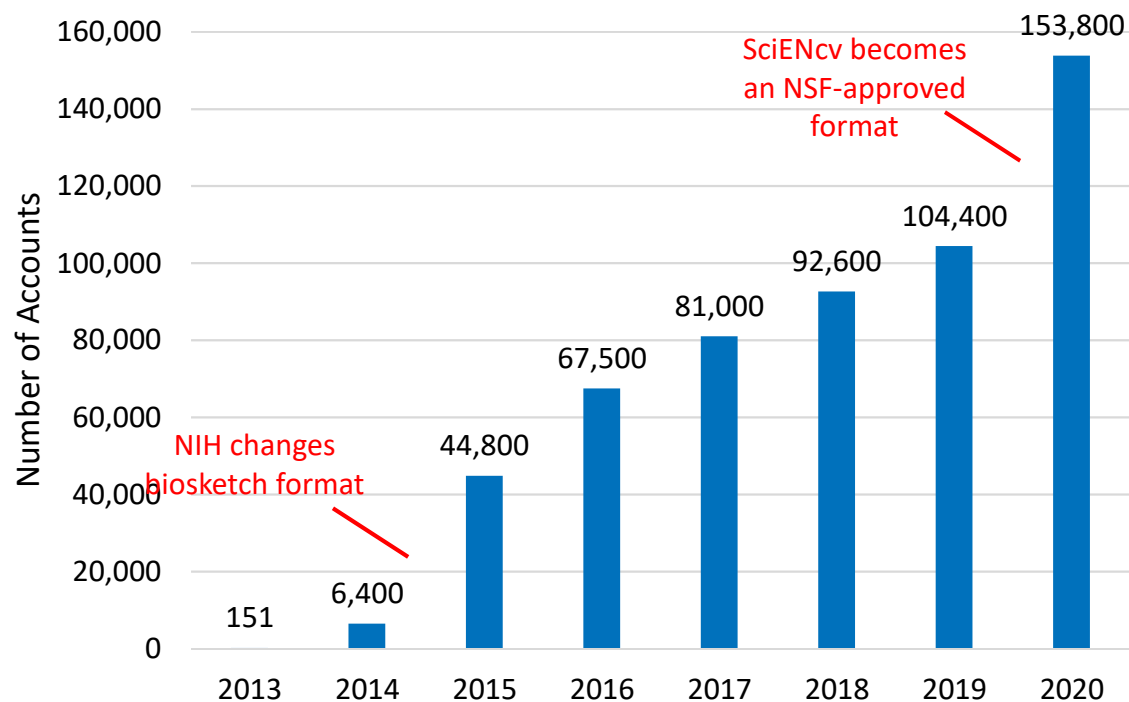
Fall
2021

"In the works"



Early
2022

SciENCv growth

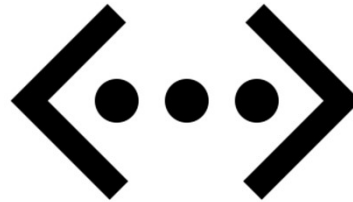


SciENCv, by the numbers



313,000

Documents generated



Account linkages
63,700 Commons
55,000 ORCID
24,200 NSF



26,000

Public Biosketches

As of 5/25/2021

More information

SciENCv is available at:

<http://www.ncbi.nlm.nih.gov/sciencv>

My NCBI documentation:

<http://www.ncbi.nlm.nih.gov/books/NBK3843/>

SciENCv video overview:

<http://youtu.be/PRWy-3GXhtU>

SciENCv for NSF Users: Biographical Sketches:

<https://youtu.be/nk7qlbele0k>

SciENCv for NSF Users: Current and Pending Support

<https://youtu.be/bhWQYvEEtJs>

SciENCv questions/feedback: info@ncbi.nlm.nih.gov

NSF Login and usage questions: 1-800-381-1532 or rgov@nsf.gov

NSF Policy questions: policy@nsf.gov



Questions

Are most welcome!

