

# SciENCv Discussion

Federal Demonstration Partnership, 23 Sep 2019

National Institutes of Health / National Science Foundation



U.S. National Library of Medicine  
National Center for Biotechnology Information

# SciENcv = Science Experts Network Curriculum Vitae

***Vision-*** *Let investigators harvest their data from multiple systems to support funding applications, reporting, and collaboration with less burden and complexity*

## **Goals**

- **Reduce burden** of applying for federal funds and maintaining federal profiles
- **Leverage and extend data** to/from external systems
- **Track impact** of federal investments in science and scientist careers through scientist-curated data

## **Products to date**

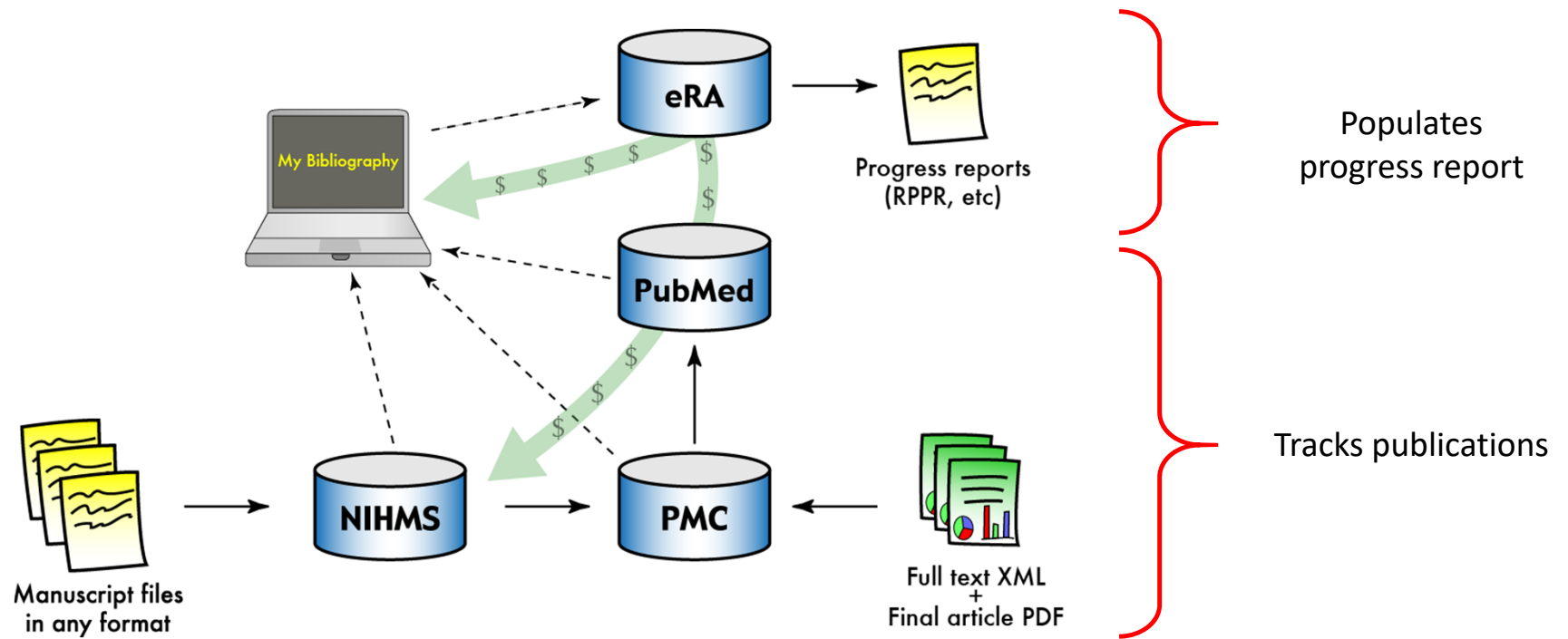
- NIH biosketches, NSF biosketch, Dept. of Ed. IES biosketch
- Data model/Embedded XML
- Integration with ORCID, Fastlane, PubMed/PMC and eRA Commons
- Bulk upload of citations from reference manager software

# Tools that help in the NIH grant process

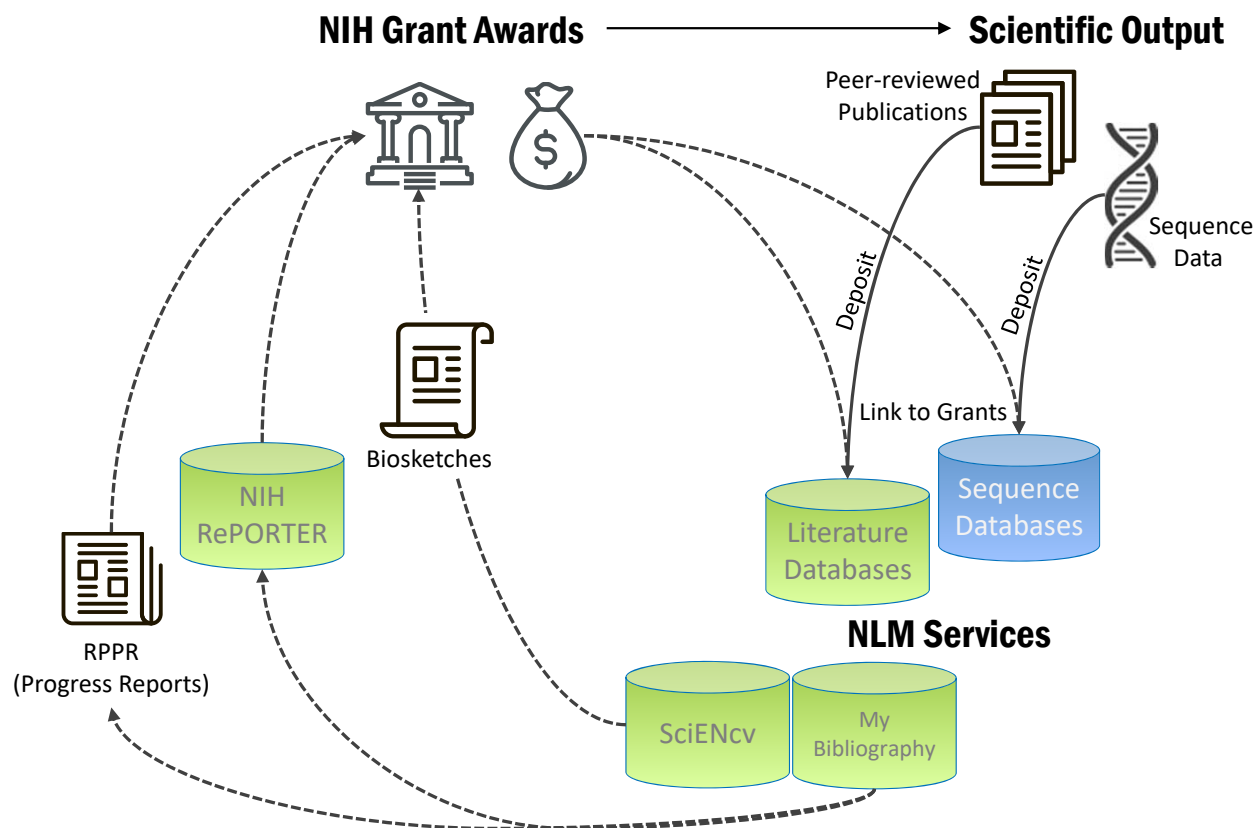


Source: [https://grants.nih.gov/grants/grants\\_process.htm](https://grants.nih.gov/grants/grants_process.htm)

# NIH grant reporting management with My Bibliography



# Support NIH Policy and Return On Investment



*...ensure a continued high return on the public investment in research.*

## NIH SF424 Application guide, 245 pages

**GENERAL APPLICATION GUIDE FOR NIH AND OTHER PHS AGENCIES**  
SF424 (R&R) - Forms Version D  
Released: March 25, 2016  
Revised: June 10, 2016

**G.100 How to use the Application Instructions**

G.110 Application Process

G.120 Significant Changes

G.130 Program Overview

G.200 SF 424 (R&R) Forms

G.210 PHS 398 Cover Page Supplement Form

G.220 R&R Other Project Information Form

G.230 Project Performance Site Locations Form

G.240 Senior/Key Person Profile (Expanded) Form

G.300 R&R Budget Form

G.310 R&R Subaward Budget Attachment(s) Form

G.320 PHS 398 Modular Budget Form

G.330 PHS 398 Training Budget Form

G.340 PHS 398 Training Subaward Budget Attachment(s) Form

G.350 PHS Additional Indirect Costs Form

G.400 PHS 398 Research Plan Form


### G.100 - How to Use the Application Instructions

Use these application instructions to fill out the forms that are posted in your funding opportunity announcement.

**Tour the [application guide](#)**

**Quick Links**

- [Step 1. Become familiar with the application process](#)
- [Step 2. Select the correct application instructions](#)
- [Step 3. Choose an Application Guide format](#)
- [Step 4. Complete the appropriate forms](#)
- [Step 5. Stay informed of policy changes and updates](#)



**Step 1. Become familiar with the application submission process.**

Understanding the application process is critical to successfully submitting your application. Use the [Application Process](#) section of these instructions to learn the importance of completing required registrations before submission, how to submit and track your application, where to find page limits and formatting requirements, and more.

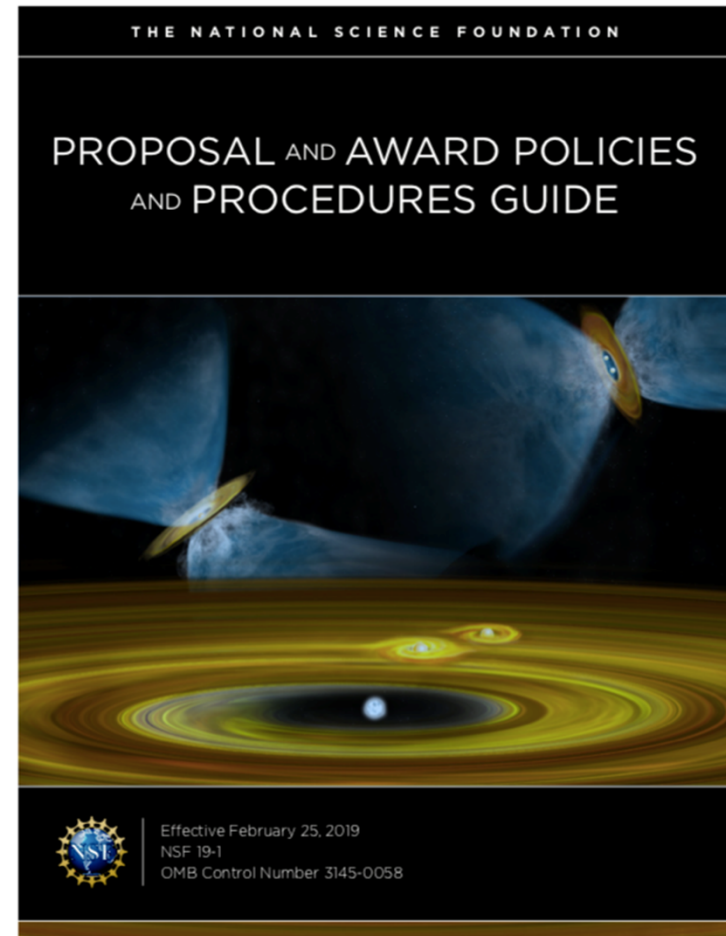
**Step 2. Use these instructions together with the forms and information found in the funding opportunity announcement.**

The funding opportunity announcement will include the forms needed for your application submission.

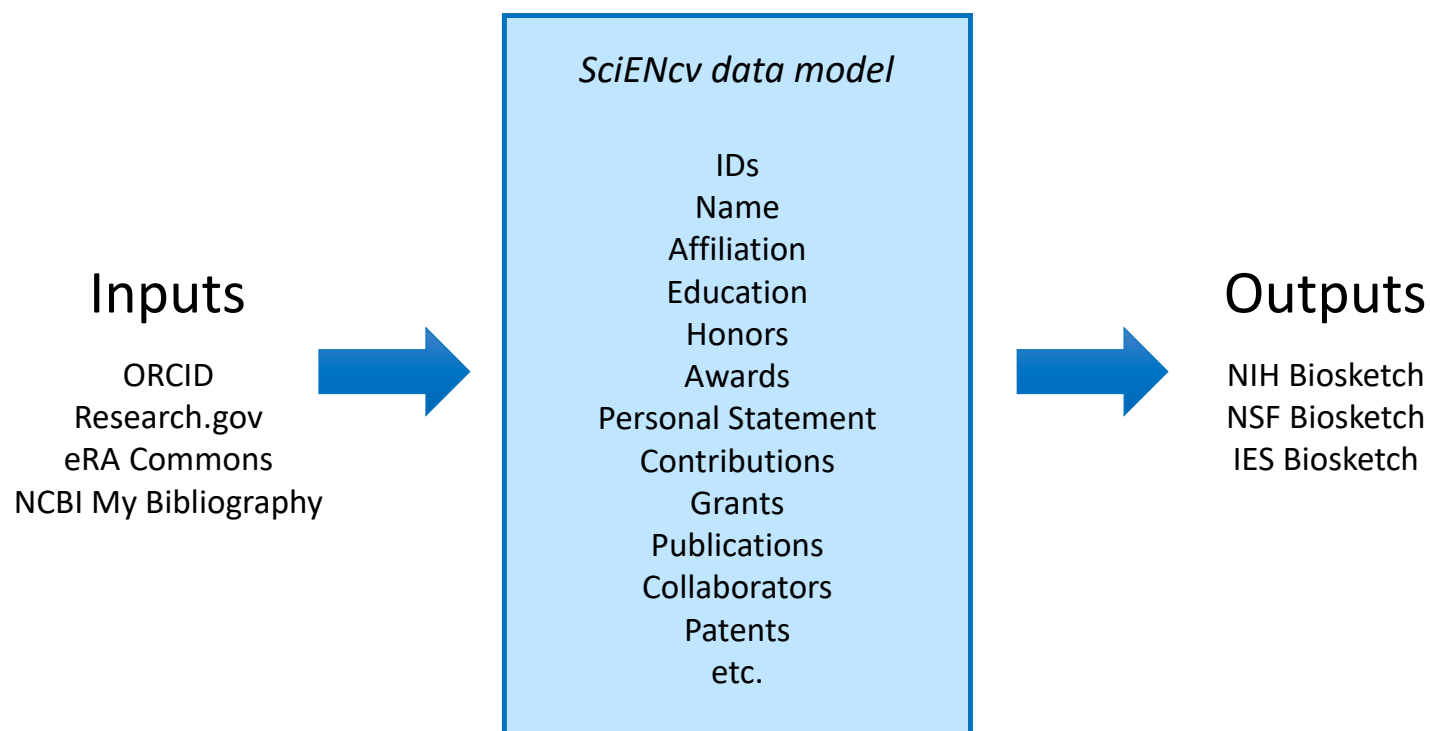
**!** Remember that the funding opportunity announcement instructions always supersede these application instructions.

**Step 3. Choose which application instruction format you prefer to use.**

## NSF Proposal and Award Policies and Procedures Guide, 192 pages



# SciENCv 2.18



# Linking an eRA Commons account

The diagram illustrates the process of linking an eRA Commons account to an NCBI account. On the left, the NCBI login page is shown, featuring a 'Sign in to NCBI' header, an 'eRA Commons sign in' button, a link to 'See more 3rd party sign in options', an 'OR' separator, an 'NCBI Login' button, and a link to 'Need help signing in?'. A red arrow points from the 'eRA Commons sign in' button to the right. On the right, the eRA Commons login page is shown, featuring a banner for 'iTrust NIH SECURE IDENTITY SOLUTIONS', a 'User Name:' field, a 'Password:' field, a 'Change Password' link, and a 'Log in' button.



# Linking an Research.gov account

### Sign in to NCBI

Sign in with

Google Login Commons

Start typing to filter...

- National Institute of Standards and Technology
- National Science Foundation (NSF)**
- NIH & eRA Commons
- North Dakota State University
- Northwestern University
- Ohio State University
- ORCID
- Oregon Health & Science University

[Can't find your organization in the list?](#)

[Sign in with an NCBI account](#)

☐ Keep me signed in

### Research.GOV

ONLINE GRANTS MANAGEMENT FOR THE NSF COMMUNITY

Sign In | Register | Home | Contact | Help | About

#### NSF User Sign In

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

NSF ID

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

Password

[Forgot Password](#)

#### Organization Credentials

Select your organization from the drop-down menu below, to be taken to the InCommon Log In page for your organization.

Pick Your Organization

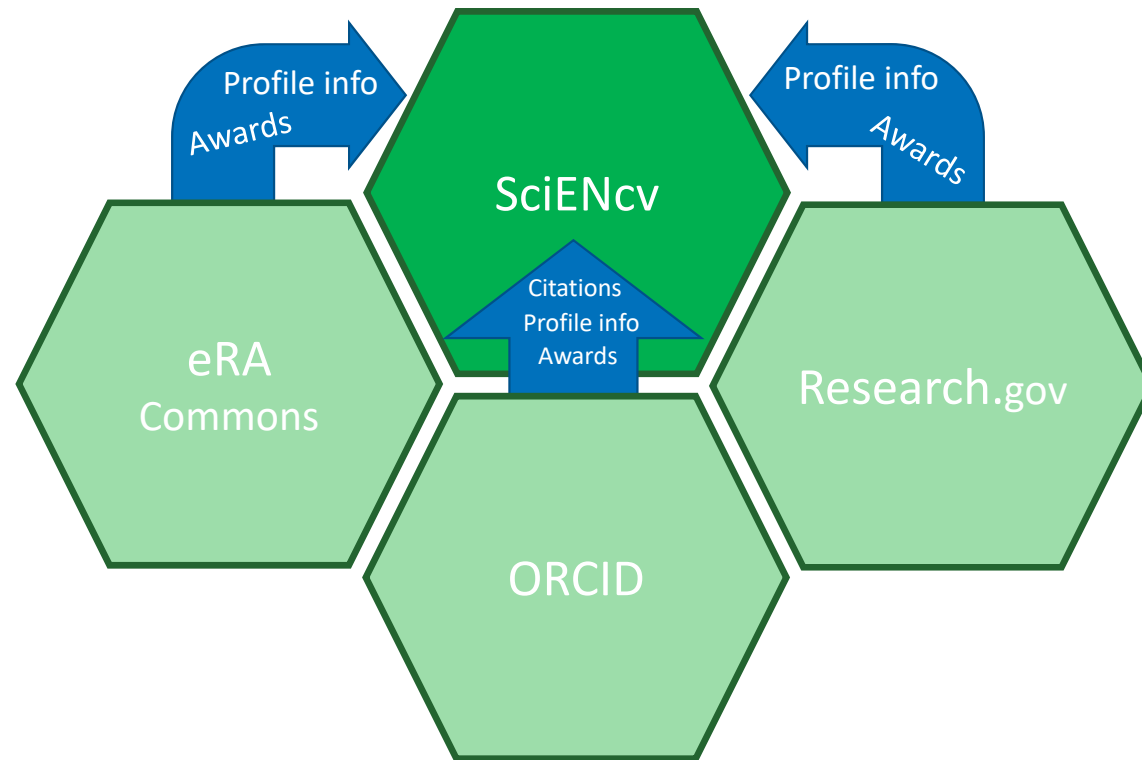
### Linked accounts

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

<b>National Science Foundation (NSF)</b>	000802973@nsf.gov (currently signed in via this method)
<b>ORCID</b>	0000-0002-3635-3508

[Change](#)

# Linking external accounts

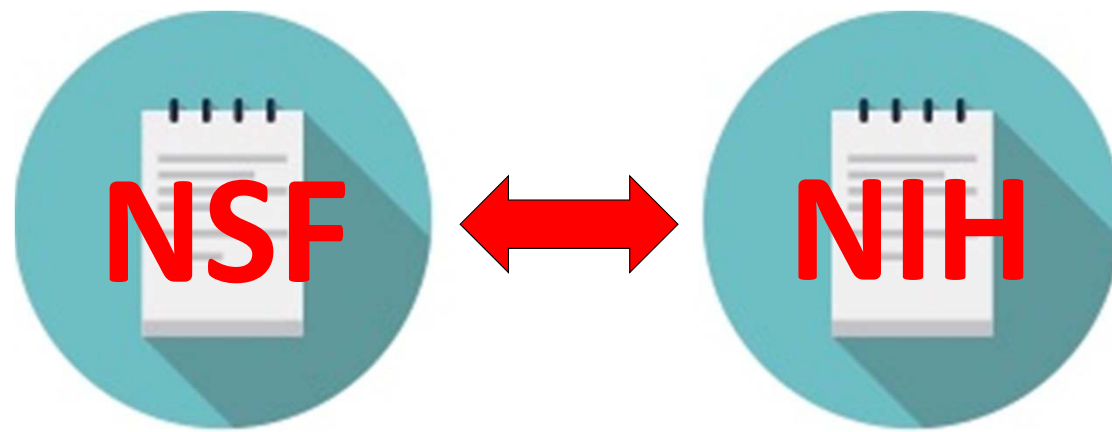


# Creating a new SciENcv biosketch



From Scratch

## Duplicating an existing SciENcv biosketch



# SciENcv Biosketch Forms

**Profile name:** Bart Trawick NIH Biosketch format [ Edit ]

**Profile type:** NIH BioSketch [NIH Biographical Sketch Instructions \(PDF\)](#)

**Last Updated:** 30 November 2017

**Sharing:** Public. Share via this URL: <https://www.ncbi.nlm.nih.gov/pubmed/11777777>

---

**NAME** [ Edit ]  
Trawick, Barton

**eRA COMMONS ID** trawick

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

## NIH Biosketch

**Download:** [PDF](#) [Word](#) [XML](#)

### EDUCATION/TRAINING [ Edit entries ]

(Begin with baccalaureate or other initial professional education, such as nursing, included in your curriculum vitae.)

INSTITUTION AND LOCATION	DEGREE (if applicable)
Texas A&M University, College Station, TX	BACHELOR OF ARTS
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

## NSF Biosketch

**Download:** [PDF](#) [XML](#)

OMB-3145-0058

**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

# Control over your data

Show/hide  
item

Delete/edit  
existing items

Create new  
entry

New entry  
dialog box

**Honors** [ Done ]

Select: [All](#) [None](#) 1 item(s) selected unchecked entries are hidden from display

<input type="checkbox"/>	2008	NIH Director's Award, National Institutes of Health	<a href="#">Delete</a> <a href="#">edit</a>
<input checked="" type="checkbox"/>	2009	NIH Merit Award, National Institutes of Health	

[+ add another entry](#)

**Add honors** [X]

\* required field

Honor: \*

By Organization:

Year:

# Getting citations into a SciENcv biosketch

My Bibliography Collection

ORCID data feed

## C. PRODUCTS

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

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

My Bibliography

ORCID

• Sort by: Publication date Select: None 3 item(s) selected [Refresh the list from ORCID](#)

- ☐ Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2018 Jan 4;46(D1):D8-D13. PubMed PMID: PMC5753372.
- ☐ Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2016 Jan 4;44(D1):D7-19. PubMed PMID: PMC4702911.
- ☐ Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2014 Jan;42(Database issue):C1-C2. PubMed PMID: PMC3965057.
- ☒ Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2013 Jan;41(Database issue):C1-C2. PubMed PMID: PMC3531099.

# Getting citations into a SciENcv biosketch

## My Bibliography

Bart Trawick's Bibliography

MyNCBI

Page 1 of 1

Your bibliography is currently private. If you want to share with a URL, [make your bibliography public](#).

EndNote X7 - [Master Thesis]

File Edit References Groups Tools Window Help

Manage citations

+ Add citations

Add PubMed

Add citation manually

Choose the type of citation to create:

From PubMed

From a file

Manually

diabetes

Journal article that does not appear in PubMed

\* Required field

[Clear all fields](#)

Title

Article title

Author

First Name

MI

Last Name

[Add Another Author](#)

Journal

Publication Date

DD

YY

YY

YY

☐ Forthcoming

Volume

Issue

Page

URL

Unique ID

Type

PMID

☐ Kmetiuk LB, Krawczak M, Paploski IAD, Martins TF, Teichgraber M, Serpa MCA, Barbieri M, Barros-Filho IR, Lipinski LC, P D Labruna MB, Biondo AW. [Ticks and serosurvey of anti-Rickettsia spp. wild boars \(Sus scrofa\), hunting dogs and hunters of Brazil.](#) PLoS Neg May;13(5):e0007405. doi: 10.1371/journal.pntd.0007405. eCollection PubMed PMID: 31145746; PubMed Central PMCID: PMC6542515.

☐ Coussens NP, Sittampalam GS, Guha R, Brimacombe K, Grossman A, Weidner JR, Riss T, Trask OJ, Auld D, Dahlin JL, Devanaryan V, Foley T SD, Kales SC, Arkin M, Baell J, Bejcek B, Gal-Edd N, Glicksman M, Haa Hoepfner M, Lathrop S, Sayers E, Liu H, Trawick B, McVey J, Lemmor McManus O, Minor L, Napper A, Wildey MJ, Pacifici R, Chin WW, Xia M Hall MD, Michael S, Inglese J, Simeonov A, Austin CP. [Assay Guidance Quantitative Biology and Pharmacology in Preclinical Drug Discovery.](#) 2018 Sep;11(5):461-470. doi: 10.1111/cts.12570. Epub 2018 Jul 24. Re PMID: 29877628; PubMed Central PMCID: PMC6132369.

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U.S. National Library of Medicine  
National Center for Biotechnology Information





# Selecting awards

Award data feeds

Show/hide pick list

Final Display

**D. RESEARCH SUPPORT** [ [Done](#) ]

Please check/uncheck to show/hide automatically imported grants.  
You can modify or delete only those grants in the User tab.

eRA ORCID User

Select: [All](#) [None](#) 3 item(s) selected unchecked entries are hidden from display

- ☐ 1997/01/01-2018/01/31  
P30 DK044444, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)  
MAYNARD, REGINALD Stanley (PI)  
Diabetes Research Center  
Role: PI  
[Edit description](#)
- ☒ 1997/01/01-2018/01/31  
**R01 DK0123456, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)**  
MAYNARD, REGINALD Stanley (PI)  
Type II Diabetes study  
This grant funded research directed to investigate the link between childhood obesity and Type II diabetes acquired later in life.  
Role: PI  
[Edit description](#)
- ☐ 2006/09/30-2016/06/30

**D. RESEARCH SUPPORT** [ [Edit awards](#) ]

**Ongoing Research Support**

**1997/01/01-2018/01/31**  
**R01 DK0123456, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)**  
MAYNARD, REGINALD Stanley (PI)  
Type II Diabetes Study  
This grant funded research directed to investigate the link between childhood obesity and Type II diabetes acquired later in life.  
Role: PI

**2010/04/01-2015/01/31**  
**R01 DK031412, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)**  
MAYNARD, REGINALD Stanley (PI)  
Neural Functioning of Feeding Centers in Obese Youth  
Role: MPI

**Completed Research Support**

**1977/08/01-2013/07/31**  
**R37 DK02987321, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)**  
MAYNARD, REGINALD Stanley (PI)  
Glucoregulatory Hormone Interactions in Diabetes  
Role: PI

# SciENcv Biosketch Outputs

## NIH Biosketch

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

### BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. DO NOT EXCEED FIVE PAGES.

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 undergraduate degree, include postdoctoral training and residency training if applicable)  
INSTITUTION AND LOCATION (if applicable)

#### A. Personal Statement

I work to promote access to government-funded science and

- Database resources of the National Center for Biotechnology Information (NCBI) Jan 4;46(D1):D8-D13. PubMed PMID: [29140470](#); PubMed Central PMCID: [PMC5753372](#)
- Database resources of the National Center for Biotechnology Information (NCBI) Jan 4;44(D1):D7-19. PubMed PMID: [26615191](#); PubMed Central PMCID: [PMC4383943](#)
- Database resources of the National Center for Biotechnology Information (NCBI) Jan;43(Database issue):D6-17. PubMed PMID: [26615191](#); 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 Human Genome Research, 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  
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

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## NSF Biosketch

### NSF BIOGRAPHICAL SKETCH

NAME: Trawick, Bart

ORCID: 0000-0002-3635-3508

POSITION TITLE & INSTITUTION: Staff Scientist, National Institutes of Health

### PREPARATION

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

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

### Related to the Proposed Project

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

Arken RA, Nagy ZS, Trawick BW, Wang M, Tejpal N, Wang ME, Tian L, et al. The role of SLC5 in the induction of regulatory T cells in transplantation. Int Proc. 2001 Nov;33(7-8):3835-6. PubMed PMID: [11750634](#)

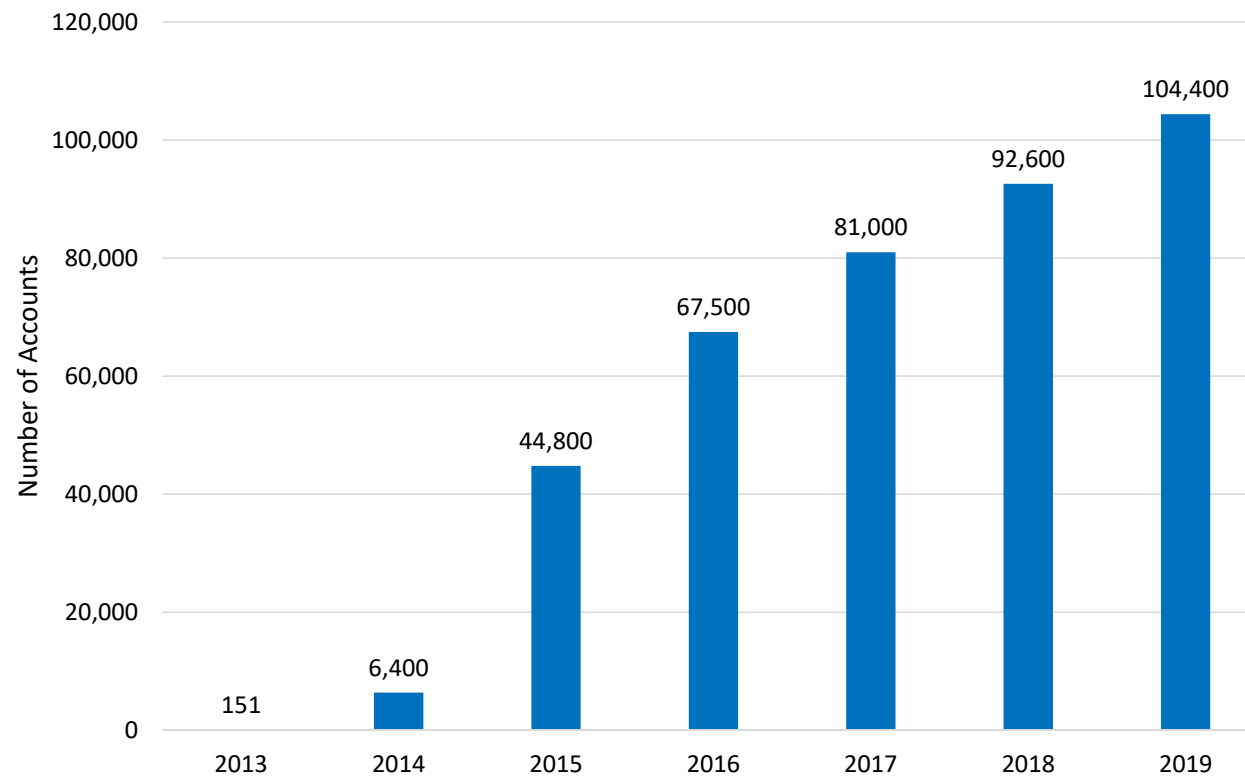
Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2012-D17. PubMed PMID: [27899561](#); PubMed Central PMCID: [PMC3132369](#)

### Products, Whether or Not Related to the Proposed Project

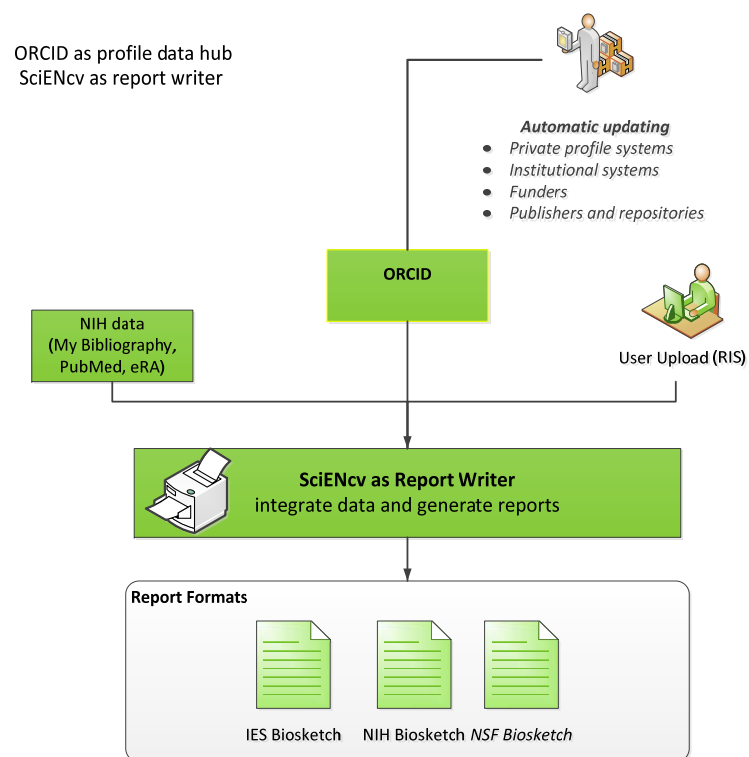
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Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2018 Jan 4;46(D1):D8-D13. PubMed PMID: [29140470](#); PubMed Central PMCID: [PMC5753372](#)

## SciENcv growth



# Future directions: SciENcv as a report generator



# More information

- My NCBI documentation:  
<http://www.ncbi.nlm.nih.gov/books/NBK3843/>
- Movie tutorial on managing compliance:  
[http://youtu.be/JYODIOD\\_YYE](http://youtu.be/JYODIOD_YYE)
- NIH Public Access Policy homepage:  
<http://publicaccess.nih.gov/>
- SciENCv is available at:  
<http://www.ncbi.nlm.nih.gov/account/>
- SciENCv documentation:  
<http://www.ncbi.nlm.nih.gov/sciencv>
- SciENCv video overview:  
<http://youtu.be/PRWy-3GXhtU>

SciENCv user questions: [info@ncbi.nlm.nih.gov](mailto:info@ncbi.nlm.nih.gov)

