

# Easy NIH Biosketch

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with NCBI My Bibliography

Susan J. Ryherd, EdM and Gabbie Broccardo, MBA  
Office of the Associate Dean for Research

# My Bibliography at NCBI – Learning Objectives

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- Add publications directly from PubMed
- Link publications with federal grant funding
- Build and store your Biosketch on SciENcv
- Use Analysis Tools and other cool stuff

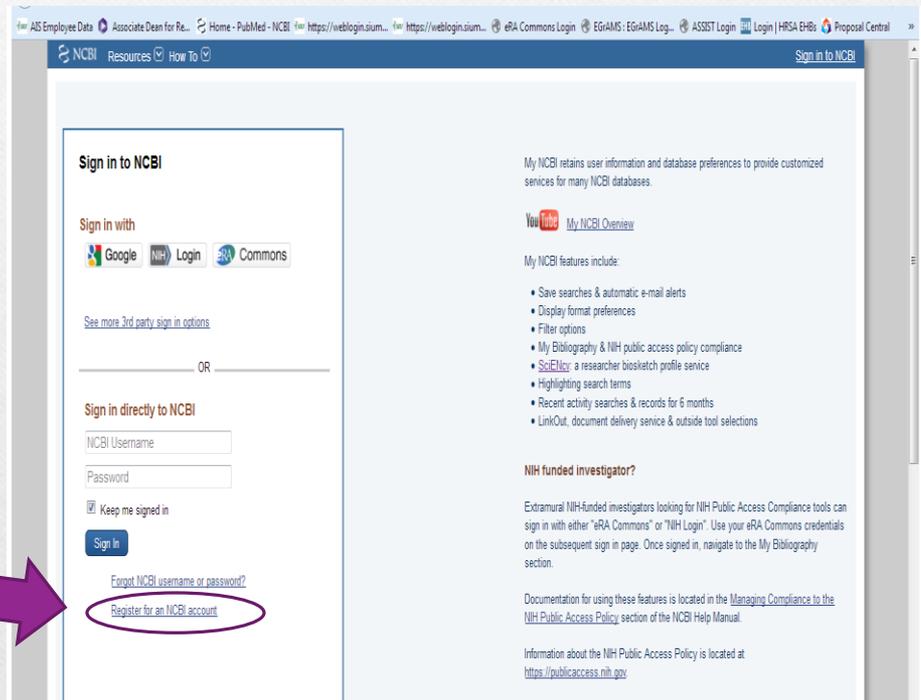
# Sign in to NCBI

- Go to: <https://www.ncbi.nlm.nih.gov/>

The screenshot shows the NCBI homepage with a navigation bar at the top. The 'Sign in to NCBI' link is circled in red, and a large purple arrow points to it from the right. The main content area includes a 'Welcome to NCBI' message, a 'Submit' button for depositing data, a 'Download' button for transferring data, and a 'Learn' button for finding help documents. There is also a 'Develop' button for using NCBI APIs and a 'Research' button for exploring research projects. A 'Popular Resources' section lists various tools and databases like PubMed, Bookshelf, and BLAST. The footer contains news and blog updates.

# Create a My NCBI account

Click **‘Register for an NCBI account’** at the bottom of the menu



The screenshot shows the NCBI 'Sign in to NCBI' page. The page has a blue header with the NCBI logo and navigation links. The main content area is white and contains a sign-in form. The form is titled 'Sign in to NCBI' and has two main sections: 'Sign in with' and 'Sign directly to NCBI'. The 'Sign in with' section includes links for Google, NIH Login, and Commons. The 'Sign directly to NCBI' section has input fields for 'NCBI Username' and 'Password', a 'Keep me signed in' checkbox, and a 'Sign In' button. Below the 'Sign In' button are two links: 'Forgot NCBI username or password?' and 'Register for an NCBI account'. A purple arrow points to the 'Register for an NCBI account' link, which is circled in purple. To the right of the sign-in form, there is a section titled 'My NCBI retains user information and database preferences to provide customized services for many NCBI databases.' followed by a 'My NCBI Overview' link and a list of features. Below that is a section titled 'NIH funded investigator?' with a paragraph of text and a link to the 'Managing Compliance to the NIH Public Access Policy' section of the NCBI Help Manual. At the bottom right, there is a link to the 'Information about the NIH Public Access Policy' located at https://publicaccess.nih.gov.

select a username and password

Username: \*  
Password: \*  
Repeat password: \*

Contact information

E-mail: \*

In case you forget your password

Please provide a question and answer that you can use to unlock your account:

Question:  
Answer:

Please type the following characters: \*

**Create account** Sign in with an existing account

You are here: NCBI Support Center

GETTING STARTED RESOURCES POPULAR FEATURED NCBI INFORMATION

Complete the fields then click “Create Account”

Sign in to NCBI

Sign in with

Google NIH Login eRA Commons

See more 3rd party sign in options

OR

**Sign in directly to NCBI**

NCBI Username

Password

Keep me signed in

Sign In

[Forgot NCBI username or password?](#)

[Register for an NCBI account](#)

My NCBI retains user information and database preferences to provide customized services for many NCBI databases.

**You Tube** [My NCBI Overview](#)

My NCBI features include:

- Save searches & automatic e-mail alerts
- Display format preferences
- Filter options
- My Bibliography & NIH public access policy compliance
- [SciENcv](#): a researcher biosketch profile service
- Highlighting search terms
- Recent activity searches & records for 6 months
- LinkOut, document delivery service & outside tool selections

**NIH funded investigator?**

Extramural NIH-funded investigators looking for NIH Public Access Compliance tools can sign in with either "eRA Commons" or "NIH Login". Use your eRA Commons credentials on the subsequent sign in page. Once signed in, navigate to the My Bibliography section.

Documentation for using these features is located in the [Managing Compliance to the NIH Public Access Policy](#) section of the NCBI Help Manual.

Information about the NIH Public Access Policy is located at <https://publicaccess.nih.gov>.

When successful, you will automatically return to the NCBI sign in page.

NCBI - Linked Account Set... x

https://www.ncbi.nlm.nih.gov/account/settings/linked-accounts/?cmd=success&linkedAccount=Google

NCBI Resources How To

My NCBI » Linked Accounts [help](#)

### Linked Accounts

If you are signed in to an account from one of these organizations, you can link it to your My NCBI account. You can sign in to My NCBI without entering your username and password as long as you are signed in to any of these organizations' web sites. You can also share your bibliography and other data with the linked account.

*New account successfully linked.*

#### Your Linked Accounts

- eRA Login (sryherd@siumed.edu)
- Google (susan.indy500@gmail.com)

Return to your [Account Settings](#) page

#### 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:

Login Account Options

Account	Category
<a href="#">Arizona State University</a>	Research Organizations
<a href="#">Azusa Pacific University</a>	Research Organizations
<a href="#">Boise State University</a>	Research Organizations
<a href="#">Brown University</a>	Research Organizations

### Frequently Asked Questions

#### What if I don't have a My NCBI account?

If you don't have a My NCBI account, signing in via a partner account will create one for you automatically. We may have to ask you a few questions the first time, but after that you can sign in here without entering a username or password as long as you are logged in to the partner account.

#### What if I DO already have a My NCBI account?

If you already have a My NCBI account, you can link it to the partner account. Click on the Account link and you will go to the partner organization to sign in. After that, we will ask for your My NCBI username and password. From then on, you will be able to log in here without entering a username and password as long as you are logged in to the partner account.

#### What if the account I want to use isn't in the list?

The accounts above use InCommon (shown as "Research Organization") or OpenID to authenticate accounts. If your organization does not appear on the list, please have your organization's Identity system administrators contact [CIT/NIH](#) or send email to [nihfederationrequest@mail.nih.gov](mailto:.nihfederationrequest@mail.nih.gov), or contact [NCBI](#) for more information.

#### What if I have multiple My NCBI accounts? Can they be merged in to a single account?

If you suspect and want to check to see if you have multiple My NCBI accounts, write to the NCBI help desk at [info@ncbi.nlm.nih.gov](mailto:info@ncbi.nlm.nih.gov) and include the following in your message: NCBI username, eRA Commons username (if any), and any email addresses that may be associated with your account(s). If multiple My NCBI accounts do exist, the help desk can assist in merging them in to a single account. All existing linked accounts will transfer to the single account. The single account will contain all contents of

Once you sign in to NCBI, you will be able to link your NCBI account with Google, NIH or eRA Commons. Click on your name in the upper right hand corner. Then under "Linked accounts" click "Change" (screen not shown) to access the page displayed above. In the "Search for account name" box enter eRA or Google then follow the instructions under "All Available Partner Accounts".

## Access *My Bibliography*

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- Click '**My NCBI**' in the top right corner (screenshot on next slide)
- Under Collections, click '**My Bibliography**' or another bibliography for which you are a delegate

The screenshot shows the My NCBI home page with the following sections:

- Search NCBI databases**: Search bar and filters.
- My Bibliography**: Shows 8 items and lists recent citations.
  - Most recent citations:
    - Zahnd WE, Smith T, Ryherd SJ, Cleer M, Rogers V, Steward DE. [Implementing a Nutrition and Physical Activity Curriculum in Head Start Through an Academic-Community Partnership](#). J Sch Health. 2017 Jun;87(6):465-473. doi: 10.1111/josh.12515. PubMed PMID: 28463443.
    - Zahnd WE, Rogers V, Smith T, Ryherd SJ, Botchway A, Steward DE. [Gender-specific relationships between socioeconomic disadvantage and obesity in elementary school students](#). Prev Med. 2015 Dec;81:138-41. doi: 10.1016/j.ypmed.2015.08.021. Epub 2015 Sep 5. PubMed PMID: 26348456.
    - Mackrides PS, Ryherd SJ. [Screening Your Child for Developmental Delay](#). Pediatrics for Parents. 2011 November; 27(11&12):21-22.
  - [Manage My Bibliography >](#)
- Saved Searches**: Search bar and filters.
- Collections**: Table of collections.
 

Collection Name	Items	Settings/Sharing	Type
<a href="#">Favorites</a>	edit 8	Private	Standard
<a href="#">My Bibliography</a>	edit 8	Public	Standard
<a href="#">Other Citations</a>	edit 10	Private	Standard
<a href="#">sran's My Bibliography</a>	edit 56	Public	Standard
<a href="#">sran's Other Citations</a>	edit 0	Private	Standard
<a href="#">sverhulst's My Bibliography</a>	edit 99	Public	Standard
<a href="#">sverhulst's Other Citations</a>	edit 0	Private	Standard
<a href="#">dcao's My Bibliography</a>	edit 68	Public	Standard
<a href="#">dcao's Other Citations</a>	edit 1	Private	Standard
<a href="#">kmcvary@siumed.edu's My Bibliography</a>	edit 239	Public	Standard
<a href="#">kmcvary@siumed.edu's Other Citations</a>	edit 0	Private	Standard
- Recent Activity**: Recent activity log.
- Filters**: Filter options.
- SciENcv**: Table of user profiles.
 

Name	Last Update	Sharing	Type
SD Ryherd	08 Apr 2015	Private	Old NIH Biobatch

This is your NCBI home screen. There are several sections which you can look through later. For example, “Saved Searches” can set up an automatic search by author, topic, or other search criteria. You can collapse this section by clicking on the up arrow.

## How-2 add a citation from PubMed using NCBI

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- After you click **'My Bibliography'** you will access the screen shown on the following slide
- The blue boxes on the right provide options for adding citations; e.g., **'Add from PubMed'**
- Check the box before each article you want to import
- Click **'Add to My Bibliography'**



This bibliography is public ([make it private](#)) | [Edit settings](#) for My Bibliography | Save My Bibliography to a [text file \(MEDLINE format\)](#)

Display Settings:  Award view, Sort by public access compliance, group by citation type

Select: [All](#), [None](#) 0 items selected [Move](#) [Delete](#) [Copy](#) [View](#) [Suggest](#) [Assign Awards](#) [PDF report](#) [Download as text](#)

Journal Articles

- 1:  Mackrides PS, Ryherd SJ. [Screening for developmental delay](#). Am Fam Physician. 2011 Sep 1;84(5):544-9. Review. PubMed PMID: 21888305.  
[? NIH Public Access Compliance: Edit Status](#)  
*Funding:* No funding has been associated with this citation. [Add award](#)
- 2:  Mackrides PS, Ryherd SJ. Screening Your Child for Developmental Delay. Pediatrics for Parents. 2011 November; 27(11&12):21-22.  
[? Edit citation](#)  
[? NIH Public Access Compliance: Edit Status](#)  
*Funding:* No funding has been associated with this citation. [Add award](#)
- 3:  Zahnd WE, Rogers V, Smith T, Ryherd SJ, Botchway A, Steward DE. [Gender-specific relationships between socioeconomic disadvantage and obesity in elementary school students](#). Prev Med. 2015 Dec;81:138-41. doi: 10.1016/j.ypmed.2015.08.021. Epub 2015 Sep 5. PubMed PMID: 26348456.  
[? NIH Public Access Compliance: Edit Status](#)  
*Funding:* No funding has been associated with this citation. [Add award](#)
- 4:  Zahnd WE, Smith T, Ryherd SJ, Cleer M, Rogers V, Steward DE. [Implementing a Nutrition and Physical Activity Curriculum in Head Start Through an Academic-Community Partnership](#). J Sch Health. 2017 Jun;87(6):465-473. doi: 10.1111/josh.12515. PubMed PMID: 28463443.  
[? NIH Public Access Compliance: Edit Status](#)  
*Funding:* No funding has been associated with this citation. [Add award](#)

Meeting Abstracts

Add citation

- [Add from PubMed](#)
- [Add manually](#)
- [Upload a file](#)

Filter citations by:

Publication date:  
YYYY MM to YYYY MM

Awards: No award selected

Publication type:

- PubMed citation

## How-2 Manually add Citations and Other Research Products

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- Return to the **‘My Bibliography’** screen (screenshot on next slide)
- Click **‘Add manually’**
- Select from drop down menu and add relevant information
- Click **‘Add Citation’**

File Edit View History Bookmarks Tools Help

My Bibliography x

https://www.ncbi.nlm.nih.gov/myncbi/collections/bibliography/47164140/ 110% Search

Home - PubMed - NCBI https://weblogin.sium... ASSIST Login EGrAMS : EGrAMS Log... GRANTS.GOV Login | HRSA EHBs eRA Commons Login

NCBI Resources How To My NCBI » My Bibliography

This bibliography is pub

Display Settings: Av

Select: All None 0 ite

Journal Articles

1:  Mackrides PS 21888305. NIH Public Acc Funding: No fundin

2:  Mackrides PS Edit citat NIH Public Acc Funding: No fundin

3:  Zahnd WE, R disadvantage 2015 Sep 5. F NIH Public Acc Funding: No fundin

4:  Zahnd WE, S Start Through PMID: 284634 NIH Public Acc Funding: No fundin

Meeting Abstracts

**Add Citation Manually**

Choose the type of citation to create:

Journal article that does not appear in PubMed

\* Required field [Clear All Fields](#)

Title \*

Author

First Name MI \* Last Name

[Add Another Author](#)

Journal \*

Publication Date

Month  Day  Year   Forthcoming

Volume

Issue

Page

DOI  [What is DOI?](#)

PubMed

Manually

Upload a file

YYYY MM

No award selected

# Connecting Federal Grant Awards with Publications

## Journal Articles

- 1:  Mackrides PS, Ryherd SJ. [Screening for developmental delay](#). Am Fam Physician. 2011 Sep 1;84(5):544-9. Review. PubMed PMID: 21888305.

 NIH Public Access Compliance: [Edit Status](#)

Funding: No funding has been associated with this citation. [Add award](#)

- 2:  Mackrides PS, Ryherd SJ. Screening Your Child for Developmental Delay. Pediatrics for Parents. 2011 November; 27(11&12):21-22. [Edit citation](#)

 NIH Public Access Compliance: [Edit Status](#)

Funding: No funding has been associated with this citation. [Add award](#)

- 3:  Zahnd WE, Rogers V, Smith T, Ryherd SJ, Botchway A, Steward DE. [Gender-specific relationships between socioeconomic disadvantage and obesity in elementary school students](#). Prev Med. 2015 Dec;81:138-41. doi: 10.1016/j.ypmed.2015.08.021. Epub 2015 Sep 5. PubMed PMID: 26348456.

 NIH Public Access Compliance: [Edit Status](#)

Funding: No funding has been associated with this citation. [Add award](#)

- 4:  Zahnd WE, Smith T, Ryherd SJ, Cleer M, Rogers V, Steward DE. [Implementing a Nutrition and Physical Activity Curriculum in Head Start Through an Academic-Community Partnership](#). J Sch Health. 2017 Jun;87(6):465-473. doi: 10.1111/josh.12515. PubMed PMID: 28463443.

 NIH Public Access Compliance: [Edit Status](#)

## Add citation

Add from PubMed

Add manually

Upload a file

## Filter citations by:

Publication date:

YYYY MM to YYYY MM

Awards:

No award selected

11/27/2017

14

## How-2 Add a Delegate

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- Click on your name at the top right (Slide 7)
- Scroll down to **'Delegates'** (screenshot next slide)
- Click **'Add a Delegate'**
- Enter chosen delegate's e-mail address
- Chosen Delegate will receive an e-mail and need to respond to confirm or reject the assignment.

File Edit View History Bookmarks Tools Help

NCBI - Account Settings

https://www.ncbi.nlm.nih.gov/account/settings/

110% Search

AIS Employee Data Associate Dean for Re... Home - PubMed - NCBI https://weblogin.sium... ASSIST Login EGRAMS : EGRAMS Log... GRANTS.GOV Login | HRSA EHBs eRA Commons Login

**sryherd@siumed.edu (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: **sryherd**

Password: **\*\*\*\*\*** [Change](#)

Security Question: **Mother's Maiden Name** [Change](#)

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

**eRA Login** sryherd@siumed.edu

**Google** susan.indy500@gmail.com [Change](#)

**Delegates**

My NCBI User Name	E-mail	My Bibliography	SciENcv	Remove
gbroccardo	<a href="mailto:gbroccardo@siumed.edu">gbroccardo@siumed.edu</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

[Add a Delegate](#)

**API Key Management**

[Create an API Key](#)

E-utils users are allowed 3 requests/second without an API key. Create an API key to increase your e-utils

## How-2 Access SciENcv

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- Click **'My NCBI'** (Slide 9)
- Scroll down to **'Manage SciENcv'** (next slide)
- Page displays:
  - Your personal profile info
  - SciENcv Delegated CVs

...  
Sep 5. PubMed PMID: 26348456.  
Mackrides PS, Ryherd SJ. Screening Your Child for Developmental Delay. Pediatrics for Parents. 2011 November; 27(11&12):21-22.  
[Manage My Bibliography >](#)

<a href="#">dcao's Other Citations</a>	<a href="#">edit</a>	1	<a href="#">Private</a>	Standard
<a href="#">kmcvary@siumed.edu's My Bibliography</a>	<a href="#">edit</a>	239	<a href="#">Public</a>	Standard
<a href="#">kmcvary@siumed.edu's Other Citations</a>	<a href="#">edit</a>	0	<a href="#">Private</a>	Standard

[Manage Collections >](#)

### Recent Activity

### Filters

### SciENCv

Name	Last Update	Sharing	Type
<a href="#">SRyherd</a>	08-Apr-2015	Private	Old NIH Biosketch
<a href="#">SRyherd - Revised</a>	14-Sep-2017	Private	NIH Biosketch
<a href="#">era Common</a>	14-Sep-2017	Private	NIH Biosketch
<a href="#">New Biosketch</a>	14-Sep-2017	Private	NIH Biosketch

#### Delegated CVs :

- [sran](#)
- [sverhulst](#)
- [dcao](#)
- [kmcvary@siumed.edu](#)
- [sapan.desai@surgisphere.com](#)
- [gmueller7815](#)
- [kdelfino84@siumed.edu](#)
- [mwhite31](#)
- [mneumeister@siumed.edu](#)
- [denvermatthewlough](#)



[Manage SciENCv >](#)

## How-2 Create a Biosketch

- Click **'Manage SciENcv'** (previous slide)
- Click previous title or **'Create a New Biosketch'**
- For another person: click their account name first, then **'Create a New Biosketch'**
- Choose 1 of 3 options
  - Start with blank = input everything
  - Existing bio; i.e. a previous SciENcv document
  - External source; e.g. eRA Commons

# 2015 Biographical Sketch - Form and Sample

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[http://www.grants.nih.gov/grants/  
funding/424/index.htm#biosketch](http://www.grants.nih.gov/grants/funding/424/index.htm#biosketch)

# NIH Biosketch

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- A. Personal Statement**
- B. Positions and Honors**
- C. Contributions to Science**
- D. Additional Information: Research Support and/or Scholastic Performance**

# A. Personal Statement

Briefly describe why *you* are well-suited for your role in the proposed project by highlighting your experience and qualifications in:

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- Unique aspects of your training and education;
- Technical expertise; e.g. methods, experiments, equipment;
- Previous research on proposed or related work;
- Collaborators, co-authors, scientific environment;
- Past performance in this or related fields; and
- Impediments to your past productivity (family, illness, active duty military service, new research direction).

**Include up to four relevant, peer-reviewed publications.**

# Section B

## Positions and Honors

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List in chronological order, *concluding with the present position:*

- Professional positions
- Honors
- Present membership on any Federal Government public advisory committee

Include positions on NIH review committee, journal review, editorial board, professional society leadership, etc.



## Section C – Contribution(s) to Science

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Briefly describe up to five of the most significant contributions to science in which you were involved.

Include up to 4 citations with each contribution. The description of each contribution (next 2 slides) should be no longer than one half page. Do not include figures or graphs.

# Section C Components

For each contribution, indicate

- 1) the historical background that frames the scientific problem;
- 2) the central finding(s);
- 3) the influence of the finding(s) on the progress of science or the application of those finding(s) to health or technology; and
- 4) your contribution in support of the described work.

# Emphasize your accomplishments and expertise

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Up to 5

## Scientific Contributions

Explain the relevance of your most significant contributions to science, the influence of your contributions on the scientific field, and any subsequent effects of those contributions on health or technology.

Your role, expertise, skills, knowledge and input

Detail your part in each Scientific Contribution. Describe your specific impact in past work as evidence for your role on the proposed project.

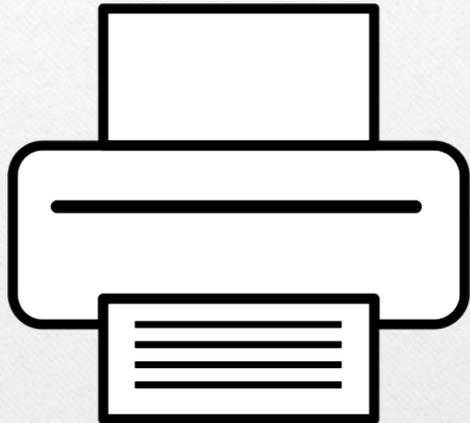
## Section D. Research Support

List both selected ongoing and completed research projects for the **past three years** (Federal or non-Federally-supported). *Begin with the projects that are most relevant to the research proposed in the application.* Briefly indicate the overall project goals and your responsibilities (role and duties).

**\*\*Do not include number of person months or direct costs per NIH guidelines.**

## How-2 Print Biosketch

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- Click on document title
- Download (upper right) in PDF, WORD or XML
- Proof
- Submit

# Other Cool Stuff on My NCBI

<https://www.ncbi.nlm.nih.gov/>

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- NCBI Home
- Resource List (A-Z)
- All Resources
- Chemicals & Bioassays
- Data & Software
- DNA & RNA
- Domains & Structures
- Genes & Expression
- Genetics & Medicine
- Genomes & Maps
- Homology
- Literature
- Proteins
- Sequence Analysis
- Taxonomy
- Training & Tutorials
- Variation

## Welcome to NCBI

The National Center for Biotechnology Information advances science and health by providing access to biomedical and genomic information.

[About the NCBI](#) | [Mission](#) | [Organization](#) | [NCBI News & Blog](#)

### Submit

Deposit data or manuscripts into NCBI databases



### Download

Transfer NCBI data to your computer



### Learn

Find help documents, attend a class or watch a tutorial



### Develop

Use NCBI APIs and code libraries to build applications



### Analyze

Identify an NCBI tool for your data analysis task



### Research

Explore NCBI research and collaborative projects



### Popular Resources

[PubMed](#)

[Bookshelf](#)

[PubMed Central](#)

[PubMed Health](#)

[BLAST](#)

[Nucleotide](#)

[Genome](#)

[SNP](#)

[Gene](#)

[Protein](#)

[PubChem](#)

### NCBI News & Blog

NCBI releases newly designed dbSNP RefSNP Report – Alpha version

12 Sep 2017

NCBI dbSNP is pleased to announce a newly designed Reference SNP

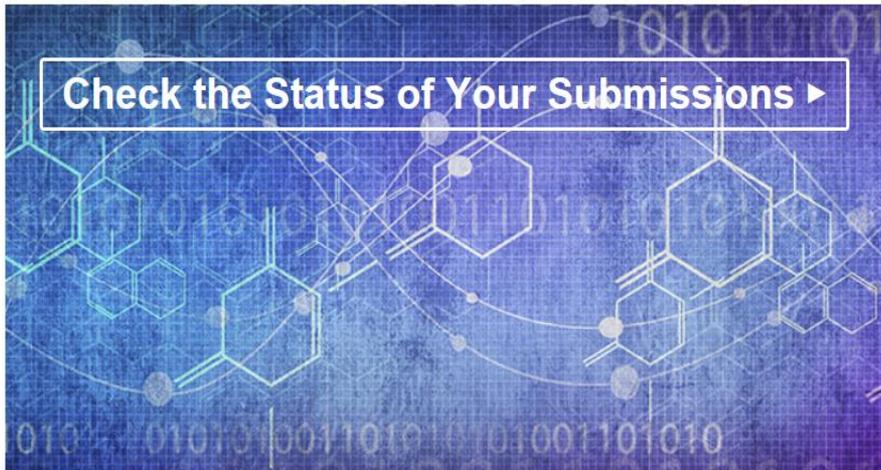
Essentials of Glycobiology, Third Edition & New Glycan Website Now Available at NCBI

07 Sep 2017

[Glycobiology—the study of the structure](#)

## Submit

NCBI collects submissions of data for the world's largest public repository of biological and scientific information.



### QuickStart

You know where you want to go. Select it now!

### Submission Wizard

Need help figuring out where to start? Try this!

### SUBMISSION NEWS FEED

NCBI to phase out support for non-human organism data in dbSNP and dbVar  
Tuesday, May 9, 2017

Eleven eukaryotic annotations added to RefSeq in April 2017  
Monday, May 8, 2017

GenBank release 219.0 is available via FTP  
Thursday, May 4, 2017

RefSeq release 81 now public  
Tuesday, March 14, 2017

GenBank release 218.0 is now available  
Tuesday, March 14, 2017

New NCBI Insights post: Converting Lots of GI Numbers to Accession.version  
Friday, December 23, 2016

GI numbers will be removed from sequence record

# NIH Manuscript Submission System

## Sign In

### NIH Researchers



### ACL Researchers



### AHRQ Researchers



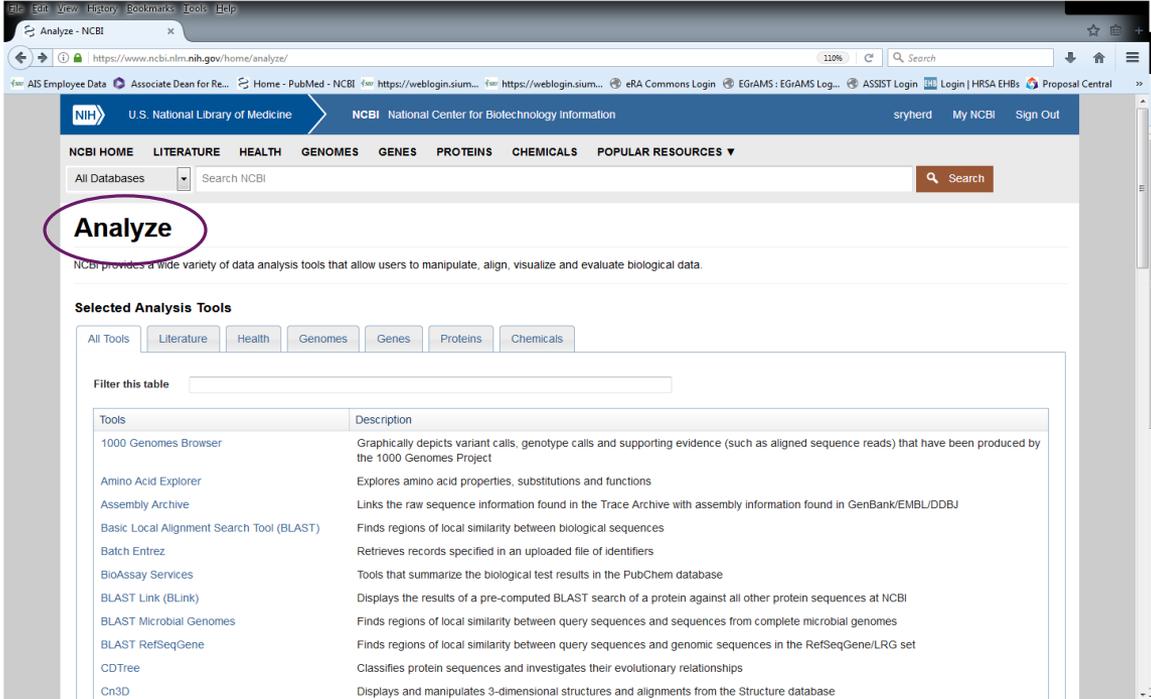
### ASPR Researchers



### CDC Researchers



# NCBI Data Analysis Tools



The screenshot shows the NCBI Analyze page. The word "Analyze" is circled in red. Below the navigation bar, there is a search bar and a list of "Selected Analysis Tools". The tools are categorized by Literature, Health, Genomes, Genes, Proteins, and Chemicals. A table lists various tools with their descriptions.

**Analyze**

NCBI provides a wide variety of data analysis tools that allow users to manipulate, align, visualize and evaluate biological data.

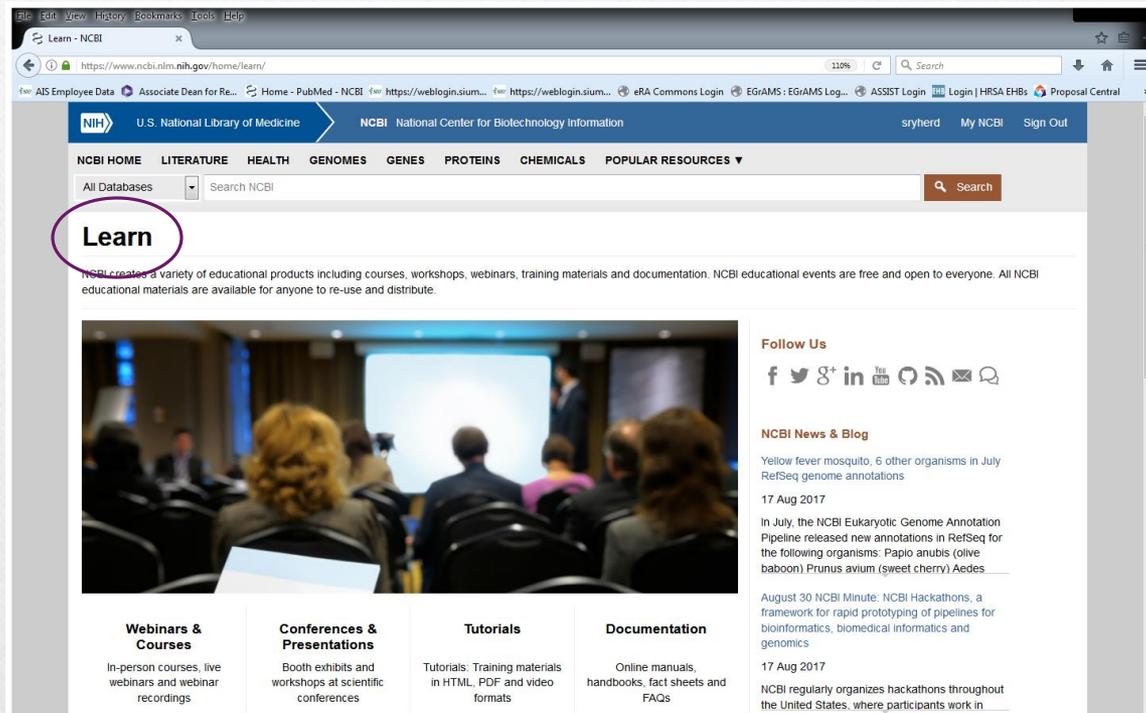
**Selected Analysis Tools**

All Tools Literature Health Genomes Genes Proteins Chemicals

Filter this table

Tools	Description
<a href="#">1000 Genomes Browser</a>	Graphically depicts variant calls, genotype calls and supporting evidence (such as aligned sequence reads) that have been produced by the 1000 Genomes Project
<a href="#">Amino Acid Explorer</a>	Explores amino acid properties, substitutions and functions
<a href="#">Assembly Archive</a>	Links the raw sequence information found in the Trace Archive with assembly information found in GenBank/EMBL/DBJ
<a href="#">Basic Local Alignment Search Tool (BLAST)</a>	Finds regions of local similarity between biological sequences
<a href="#">Batch Entrez</a>	Retrieves records specified in an uploaded file of identifiers
<a href="#">BioAssay Services</a>	Tools that summarize the biological test results in the PubChem database
<a href="#">BLAST Link (BLink)</a>	Displays the results of a pre-computed BLAST search of a protein against all other protein sequences at NCBI
<a href="#">BLAST Microbial Genomes</a>	Finds regions of local similarity between query sequences and sequences from complete microbial genomes
<a href="#">BLAST RefSeqGene</a>	Finds regions of local similarity between query sequences and genomic sequences in the RefSeqGene/LRG set
<a href="#">CDTree</a>	Classifies protein sequences and investigates their evolutionary relationships
<a href="#">Cn3D</a>	Displays and manipulates 3-dimensional structures and alignments from the Structure database

# NCBI Education



The screenshot shows the NCBI Learn page in a web browser. The browser's address bar displays the URL <https://www.ncbi.nlm.nih.gov/home/learn/>. The page header includes the NIH logo, the text "U.S. National Library of Medicine" and "NCBI National Center for Biotechnology Information", and navigation links for "srytherd", "My NCBI", and "Sign Out". A main navigation menu contains links for "NCBI HOME", "LITERATURE", "HEALTH", "GENOMES", "GENES", "PROTEINS", "CHEMICALS", and "POPULAR RESOURCES". Below this is a search bar with the text "All Databases" and "Search NCBI". The "Learn" section is highlighted with a red circle. The text below the circle reads: "NCBI creates a variety of educational products including courses, workshops, webinars, training materials and documentation. NCBI educational events are free and open to everyone. All NCBI educational materials are available for anyone to re-use and distribute." Below this text is a photograph of a person presenting to an audience in a conference room. To the right of the photo is a "Follow Us" section with social media icons for Facebook, Twitter, Google+, LinkedIn, YouTube, RSS, and Email. Below that is an "NCBI News & Blog" section with a post titled "Yellow fever mosquito, 6 other organisms in July RefSeq genome annotations" dated "17 Aug 2017". The post text reads: "In July, the NCBI Eukaryotic Genome Annotation Pipeline released new annotations in RefSeq for the following organisms: *Papio anubis* (olive baboon) *Prunus avium* (sweet cherry) *Aedes*". Below the post is another entry: "August 30 NCBI Minute: NCBI Hackathons, a framework for rapid prototyping of pipelines for bioinformatics, biomedical informatics and genomics" dated "17 Aug 2017". The text below this entry reads: "NCBI regularly organizes hackathons throughout the United States, where participants work in". At the bottom of the page are four columns: "Webinars & Courses" (In-person courses, live webinars and webinar recordings), "Conferences & Presentations" (Booth exhibits and workshops at scientific conferences), "Tutorials" (Tutorials: Training materials in HTML, PDF and video formats), and "Documentation" (Online manuals, handbooks, fact sheets and FAQs).

# Webinars, Tutorials & More

The image shows a screenshot of a PowerPoint presentation in Protected View. The title bar indicates the file is 'PubMed\_SearchesCollections.pptx'. The ribbon includes FILE, HOME, INSERT, DESIGN, TRANSITIONS, ANIMATIONS, SLIDE SHOW, REVIEW, VIEW, and ACROBAT. A yellow warning bar at the top states: 'PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing'. The slide content is as follows:

- Slide 1:** NCBI Minute: Tailoring your PubMed Display
- Slide 2:** NCBI Minute: Automate PubMed Searches & Save Citation Collections with My NCBI
- Slide 3:** Saving and Managing Searches
- Slide 4:** Creating Alerts  
Example: Adolescent COPD (chronic obstructive pulmonary disease)
- Slide 5:** Accessing My NCBI

The main slide (Slide 2) features the following text and elements:

- Title:** NCBI Minute: Automate PubMed Searches & Save Citation Collections with My NCBI
- Speaker:** Sherri Holland Bailey, MLIS  
NCBI Customer Services
- Contact:** sherri.bailey@nih.gov
- Date:** 07/19/2017
- Logos:** IHS, NIH, NATIONAL INSTITUTES OF HEALTH, and NCBI.
- Vertical Text:** NCBI Webinars

The bottom status bar shows 'SLIDE 2 OF 40', 'COMMENTS', and '100%' zoom level.

# Questions?

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**Office of Associate Dean for  
Research, Grants and Contracts**

**grants@siumed.edu**

