

# NIH Biosketch and SciENcv

Marci Brandenburg | [mbradenb@umich.edu](mailto:mbradenb@umich.edu)

Paije Wilson | [wpaije@umich.edu](mailto:wpaije@umich.edu)



# Getting Started

You can create a new biosketch from a blank document, by starting from an existing document, or by using an external source such as eRA Commons.

1. Go to <https://www.ncbi.nlm.nih.gov/sciencv/>.
2. Click the blue “Click here to start!” button.
3. Choose your login method (MyNCBI, eraCommons, or 3rd party options)
  - a. 3rd party options include Google, ORCID, and University of Michigan
4. Click “Create new biosketch”
5. In the text box, enter a name for this specific biosketch.
6. For the format, choose “NIH Biosketch.”
7. For the data source, choose “Start with a blank document.”
8. For sharing, select “Private.”

### Create a New Biosketch

**Biosketch name**

*Enter a name to help you to identify this biosketch*

**Format**

☒ NIH Biosketch

☐ NIH Fellowship Biosketch

☐ NSF Biosketch

☐ IES Biosketch

*Select a format for this biosketch*

**Choose data source**

☒ Start with a blank document

☐ Existing Biosketch:

☐ External source:

*Your eRA Commons account is linked to SciENcv.*

**Sharing**

☒ Private

☐ Public

*You can change the shared settings at any time.*

Create

Cancel

9. Click "Create."


## Education/Training

In this section you will add all educational training, including postdoctoral and residency training, if applicable.

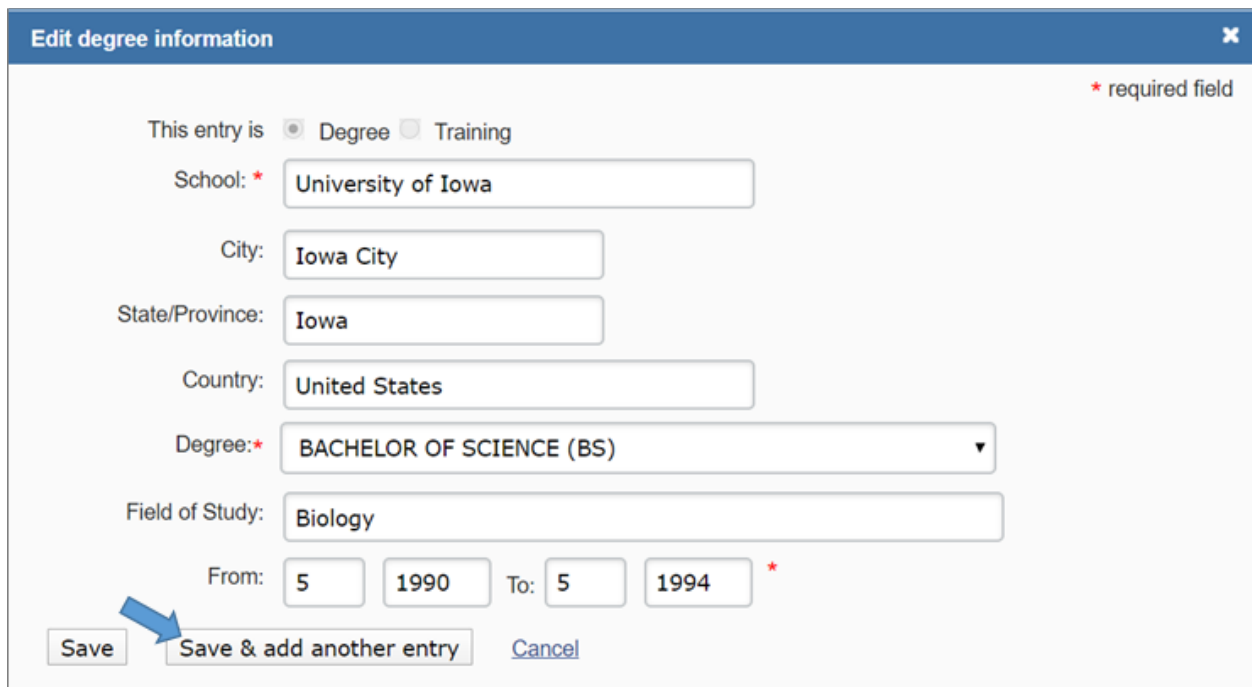
1. Under the Education/Training section, click "add one" to add an educational/training experience

### EDUCATION/TRAINING

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

You have not listed any degree or training. Please [add one](#). 

2. Next to "This entry is", select "Degree" (see image below for reference).
3. Enter the requested information for your earliest educational experience that is relevant to the project.
4. When finished, click "Save & add another entry" to add your next most recent educational experience.
5. Repeat steps 2 through 4 for each additional educational experience, ending with your most current educational experience. Leave the "To" field blank for any ongoing experiences.



**Edit degree information** ✕

\* required field

This entry is ☒ Degree ☐ Training

School: \*

City:

State/Province:

Country:

Degree: \*

Field of Study:

From:   To:   \*

6. Next you will be entering any training experiences, such as postdoctoral training or residency training, if applicable. Next to "This entry is", select "Training" (see image below for reference).

7. Enter the information requested, beginning with your earliest training experience that is relevant to the project.
8. In the “Training” section, select the type of training from the drop down menu.
9. When you are finished with the entry, click “Save & add another entry” to add your next most recent training experience.
10. Repeat steps 6 through 9 for each additional training experience. Leave the “To” field blank for any ongoing experiences.

Edit training information
✕

\* required field

This entry is ☐ Degree ☒ Training

Organization: \*

City:

State/Province:

Country:

Training:

Description:

From:   To:   (leave blank if present)

[Cancel](#)

11. When you're finished with all of your entries, click “Save.”
12. When done, your entries should look something like this:

EDUCATION/TRAINING <a href="#">[ Edit entries ]</a>			
(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
University of Iowa, Iowa City, Iowa, United States	BACHELOR OF SCIENCE	05 / 1994	Biology
University of Michigan, Ann Arbor, Michigan, United States	DOCTOR OF MEDICINE	08 / 2000	Cancer Biology
University of Michigan, Ann Arbor, Michigan, United States	OTHER DOCTORATE	08 / 2004	Pathology
University of Michigan, Ann Arbor, Michigan, United States	Postdoctoral Fellow	08 / 2006	Colon Cancer
University of Michigan, Ann Arbor, Michigan, United States	Other training	01 / 2009	Next-generation Sequencing
<a href="#">+ add another degree/training</a>			

# Personal Statement

In this section, you will write your personal statement that highlights the skills and experiences that make you an asset for your role on the project proposed in this grant. You can also include up to 4 publications or research products.

1. Next to the Personal Statement section, click “Edit statement.”
2. Enter your statement in the text box. Remember that this should highlight your expertise related to the specific project proposed in this grant.

## A. Personal Statement

The goal of the proposed research is to look at the effects of Drug Z on Gene A in individuals with colon cancer. Specifically, we plan to evaluate the effects of the drug on a Gene A knockout group of mice compared to a control group of mice and perform RNA-Sequencing to look at the differences in gene expression. I have the expertise, training, and skills necessary to successfully carry out the proposed work. I have been researching colon cancer for many years, focusing on the role of various genes. During my postdoc, I studied the role of REGy in the development of colon cancer. More recently, I was a collaborator on an NIH grant that involved RNA-Sequencing to look at high-fat diets in mice and colon cancer. I have taken a next-generation sequencing workshop, providing me with important knowledge that I incorporated into my proposed experimental design. This workshop also provided me with the background to better understand and interpret my results. In summary, I have a demonstrated record of accomplished and productive research projects in the field of colon cancer research, and my expertise and experience make me well prepared for this project.



3. When you are finished, click the green check (☐).
4. Located under the text of the personal statement, click “Select citations.”
5. A My Bibliography tab will appear, populated with citations currently in your My Bibliography.
6. Check the boxes next to those publications you wish to include with the personal statement. These publications should be related to the content in your personal statement. Note that you cannot include more than 4 publications, but you can include fewer if you so choose.

Optional: You may identify up to four peer reviewed publications that specifically highlight your experience and qualifications for this project.

[ [Save citations](#) ]

My Bibliography

[Click here to connect to your ORCID account](#)

• Sort by: Publication date ▼ Select: [None](#) 3 item(s) selected [Add citations](#) [Go to My Bibliography](#)

unchecked entries are hidden from display

- ☒ Schwiebs A, Herrero San Juan M, Schmidt KG, Wiercinska E, Anlauf M, Ottenlinger F, Thomas D, Elwakeel E, Weigert A, Farin HF, Bonig H, Scholich K, Geisslinger G, Pfeilschifter JM, Radeke HH. Cancer-induced inflammation and inflammation-induced cancer in colon: a role for S1P lyase. *Oncogene*. 2019 Jun;38(24):4788-4803. PubMed PMID: 30816345.
- ☒ Wang Q, Gao X, Yu T, Yuan L, Dai J, Wang W, Chen G, Jiao C, Zhou W, Huang Q, Cui L, Zhang P, Moses RE, Yang J, Chen F, Fu J, Xiao J, Li L, Dang Y, Li X. REGγ Controls Hippo Signaling and Reciprocal NF-κB-YAP Regulation to Promote Colon Cancer. *Clin Cancer Res*. 2018 Apr 15;24(8):2015-2025. PubMed PMID: 29437787.
- ☐ Hsiao KY, Lin YC, Gupta SK, Chang N, Yen L, Sun HS, Tsai SJ. Noncoding Effects of Circular RNA CCDC66 Promote Colon Cancer Growth and Metastasis. *Cancer Res*. 2017 May 1;77(9):2339-2350. PubMed PMID: 28249903; NIHMSID: NIHMS956013; PubMed Central PMCID: PMC5910173.
- ☒ Penrose HM, Heller S, Cable C, Nakhoul H, Baddoo M, Flemington E, Crawford SE, Savkovic SD. High-fat diet induced leptin and Wnt expression: RNA-sequencing and pathway analysis of mouse colonic tissue and tumors. *Carcinogenesis*. 2017 Mar 1;38(3):302-311. PubMed PMID: 28426873; PubMed Central PMCID: PMC5862315.
- ☐ Teng Y, Ren Y, Hu X, Mu J, Samykutty A, Zhuang X, Deng Z, Kumar A, Zhang L, Merchant ML, Yan J, Miller DM, Zhang HG. MVP-mediated exosomal sorting of miR-193a promotes colon cancer progression. *Nat Commun*. 2017 Feb 17;8:14448. PubMed PMID: 28211508; PubMed Central PMCID: PMC5321731.

7. Click “Save citations,” located above the My Bibliography tab.

## Positions and Honors

### A. Positions and Employment

In this section you will be entering any positions you’ve held that may be relevant to the project proposed in this grant.

1. Under Positions and Employment, click “add one.”

#### B. Positions and Honors

##### Positions and Employment

You have not listed any employment. Please [add one](#).

##### Other Experience and Professional Memberships

You have not listed any professional memberships. Please [add one](#).

##### Honors

You have not listed any honors. Please [add one](#).

2. Enter the information requested, beginning with your earliest position that is relevant to the project.

3. You can add an organization level to your entries. To do this, click “add a level.”
  - a. Enter your department/division name into “Organization” (see image below for reference).
  - b. Enter your institution name into “Organization level 1” (see image below for reference).
4. When you are finished with the entry, click “Save & add another entry” to add your next most recent position.
5. Repeat steps 2 through 6 for each additional position, ending with your most current position.

**Edit employment** ✕

\* required field

From: \*  To:  (leave blank for present positions)

Position title: \*

Organization: \*

Organization level 1 :  -

+ [add a level](#) ←

City:  State:  ▼

Country:

☐ Use this entry as the position title in Biosketch

[Cancel](#)

6. When you're finished with all of your entries, click “Save.”
7. When done, your entries should look something like this:

<b>Positions and Employment</b> <a href="#">[ Edit entries ]</a>	
2006 - 2008	Fellow, University of Michigan, Ann Arbor, MI, United States
2009 - 2010	Lecturer, Department of Cancer Biology, University of Michigan, Ann Arbor, MI, United States
2010 - 2012	Assistant Professor, Department of Cancer Biology, University of Michigan, Ann Arbor, MI, United States
2012	Professor of Cancer Biology, Department of Cancer Biology, University of Michigan, Ann Arbor, MI, United States
<span style="color: green;">+</span> <a href="#">add another entry</a>	


## B. Other Experience and Professional Memberships

In this section you will list any relevant experiences that are not considered positions of employment. You will also be listing any professional memberships that may be relevant to the project.




1. Under Other Experience and Professional Memberships, click “add one.”

### Other Experience and Professional Memberships

You have not listed any professional memberships. Please [add one.](#) 

2. Enter the information requested, beginning with your earliest experience or membership that is relevant to the project.
3. When you are finished with the entry, click “Save & add another entry” to add your next most recent experience or membership.
4. Repeat steps 2 and 3 for each additional position or membership, ending with your most current experience or membership. Leave the “To” field blank for any ongoing experiences or memberships.


**Edit other experience and professional membership** 

**\* required field**

Organization: \*

Position title:

From:  To:  (leave blank for present positions)

  [Cancel](#)

5. When you’re finished with all of your entries, click “Save.”
6. When done, your entries should look something like this:

### Other Experience and Professional Memberships [\[ Edit entries \]](#)

2006	Member, American Medical Association
2007	Member, American Association for Cancer Research
2013	Editor, Clinical Oncology Journal
2014	National Cancer Institute Initial Review Group Subcommittee Member, National Institutes of Health

 [add another entry](#)

## C. Honors

In this section you will list any relevant academic and professional achievements and honors. For students, postdoctorates, and junior faculty be sure to include scholarships, traineeships,




fellowships, and development awards, as applicable. Clinicians should also include information on any clinical licensures and specialty board certifications they have achieved.

1. Under Honors, click “add one.”

#### Honors

You have not listed any honors. Please [add one](#). 


2. Enter the requested information, beginning with your earliest honor that is relevant to the position.
3. When you are finished with the entry, click “Save & add another entry” to add your next most recent honor.
4. Repeat steps 2 and 3 for each additional honor, ending with your most current honor.

**Edit honors** 

**Honor:** \*

**By Organization:** \*

**Year:** \*  **To:**  *(optional, for date ranges)*

  [Cancel](#)

5. When you're finished with all of your entries, click “Save.”
6. When done, your entries should look something like this:

#### Honors

[\[ Edit entries \]](#)

2010	Outstanding Young Faculty Award, University of Michigan
2013	Excellence in Teaching Award, University of Michigan
2015	Provost's Teaching Innovation Prize, University of Michigan

 [add another entry](#)

## Contribution to Science

In this section, you will briefly describe up to 5 of your most significant contributions to science and include up to 4 publication or research product citations for each. Each contribution should be no more than ½ page, including citations.

1. Next to the Contribution to Science section, click “Edit section.”
2. A tab will appear with the number “1.”

- Next to Description, click “edit.”
- Enter your contribution statement in the Description text box.

1

[Delete this contribution](#)

**Description**

My early research involved the development of a new model for studying colon and colorectal cancers. Mice with a knockout for the APC gene were crossed with mice expressing Cre recombinase in the colon. The resulting mice developed tumors in the colon, but not in the small intestine or cecum, allowing for more targeted research around colon and colorectal cancer treatment and prevention.

☒ ☐ ☐

**Citations**   [\[ Select citations \]](#)

Please include up to four citations that are relevant to this contribution.

- When you are finished, click the green check ( ☒ ).
- Next to Citations, click “Select citations.”
- Check the boxes next to those publications you wish to include with this specific contribution to science.

My Bibliography   [Click here to connect to your ORCID account](#)

Sort by: Publication date   Select: None   2 item(s) selected   [Add citations](#)   [Go to My Bibliography](#)

unchecked entries are hidden from display

☐ Wang Q, Gao X, Yu T, Yuan L, Dai J, Wang W, Chen G, Jiao C, Zhou W, Huang Q, Cui L, Zhang P, Moses RE, Yang J, Chen F, Fu J, Xiao J, Li L, Dang Y, Li X. REGY Controls Hippo Signaling and Reciprocal NF- $\kappa$ B-YAP Regulation to Promote Colon Cancer. Clin Cancer Res. 2018 Apr 15;24(8):2015-2025. PubMed PMID: 29437787.

☐ Proto MC, Fiore D, Piscopo C, Franceschelli S, Bizzarro V, Laezza C, Lauro G, Feoli A, Tosco A, Bifulco G, Sbardella G, Bifulco M, Gazzero P. Inhibition of Wnt/ $\beta$ -Catenin pathway and Histone acetyltransferase activity by Rimnabant: a therapeutic target for colon cancer. Sci Rep. 2017 Sep 15;7(1):11678. PubMed PMID: 28916833; PubMed Central PMCID: PMC5601949.

☐ Hsiao KY, Lin YC, Gupta SK, Chang N, Yen L, Sun HS, Tsai SJ. Noncoding Effects of Circular RNA CCDC66 Promote Colon Cancer Growth and Metastasis. Cancer Res. 2017 May 1;77(9):2339-2350. PubMed PMID: 28249903; NIHMSID: NIHMS956013; PubMed Central PMCID: PMC5910173.

☐ Penrose HM, Heller S, Cable C, Nakhoul H, Baddoo M, Flemington E, Crawford SE, Savkovic SD. High-fat diet induced leptin and Wnt expression: RNA-sequencing and pathway analysis of mouse colonic tissue and tumors. Carcinogenesis. 2017 Mar 1;38(3):302-311. PubMed PMID: 28426873; PubMed Central PMCID: PMC5862315.

☐ Teng Y, Ren Y, Hu X, Mu J, Samykutty A, Zhuang X, Deng Z, Kumar A, Zhang L, Merchant ML, Yan J, Miller DM, Zhang HG. MVP-mediated exosomal sorting of miR-193a promotes colon cancer progression. Nat Commun. 2017 Feb 17;8:14448. PubMed PMID: 28211508; PubMed Central PMCID: PMC5321731.

☒ Wiegering A, Uthe FW, Hüttenrauch M, Mühling B, Linnebacher M, Krummenast F, Germer CT, Thalheimer A, Otto C. The impact of pyruvium pamoate on colon cancer cell viability. Int J Colorectal Dis. 2014 Oct;29(10):1189-98. PubMed PMID: 25060218.

☒ Byun AJ, Hung KE, Fleet JC, Bronson RT, Mason JB, Garcia PE, Crott JW. Colon-specific tumorigenesis in mice driven by Cre-mediated inactivation of Apc and activation of mutant Kras. Cancer Lett. 2014 Jun 1;347(2):191-5. PubMed PMID: 24632531; NIHMSID: NIHMS672360; PubMed Central PMCID: PMC4418438.

- Click “Save citations,” located above the My Bibliography tab.
- Under Contribution to Science, click “Add another contribution.”
- A new tab will appear with the number “2.”

**C. Contribution to Science** [ Done ]

You can add up to 5 contributions. Drag and drop tabs to rearrange.

[Add another contribution](#)

1

2

Description
edit
Delete this contribution

Citations
[ Select citations ]

Please include up to four citations that are relevant to this contribution.

☐ Include link to complete list of published work in My Bibliography.  
(Selecting this option will make the list public.)

11. On this tab, click “edit,” located next to Description.
12. Enter your contribution statement in the Description text box.
13. Click the green check ( ☐ ).
14. Next to Citations, click “Select citations.”
15. Check the boxes next to those publications you wish to include with this specific contribution to science.
16. Click “Save citations,” located above the My Bibliography tab.

## Research Support and/or Scholastic Performance

In this section, you will include current and previous grants and projects.

1. Next to the Additional Information: Research Support and/or scholastic performance section, click “Edit awards.”
2. If you have NIH grants, use the eRA tab. If you have already linked your eRA Commons account, select the grants to include in this biosketch. (If you have not already linked your eRA Commons account, click the “Click here to link to an eRA Commons account” link and login with your eRA Commons account information.)
3. Click on the User tab to enter non-NIH funding.
4. Click “add another award.”
5. A popup window will appear. Fill out the form with the appropriate award information and click “Save.”
6. Repeat steps 4 and 5 to enter additional non-NIH funding.
7. Next to the Additional Information: Research Support and/or Scholastic Performance section, click “Done.”

## Linking to ORCID and eRA Commons

1. At the top of the page, click on your NCBI account username.

2. Under Linked Accounts, click “Change.”

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

None

[Change](#)

3. To link your eRA Commons account, using the search box, search for eRA Commons.

Search for account name:

Login Account Options

Account	Category
<a href="#">NIH &amp; eRA Commons</a>	NIH

- a. Click on the “NIH & eRA Commons” link, located in the Account column.
  - b. You will be redirected to the eRA Commons login page where you can log in with your eRA Commons credentials.
4. To link your ORCID account, using the search box, search for ORCID.
  - a. Click on the “ORCID” link, located in the Account column.
  - b. You will be redirected to the ORCID login page where you can log in with your ORCID credentials.
5. Return to your SciENcv page, and at the top of the page, click on your NCBI account username.
6. You should see your linked accounts under the Linked accounts section.

## Exporting Biosketch

1. Return to your biosketch in SciENcv.
2. At the top of the window, next to Download, click on the desired format, whether PDF, Word, or XML.
3. The biosketch will be downloaded in the desired format.