

SCIENCV, ORCID, AND FAR: MANAGING YOUR BIOGRAPHICAL INFORMATION

CREATED 24 JANUARY 2020 AND UPDATED 3 SEPTEMBER 2021

OVERVIEW

Effective with the latest National Science Foundation (NSF) Proposal and Award Policies and Procedures Guide (PAPPG), applicants will no longer be permitted to upload their own formatted PDF file for their biographical sketch and current and pending support for their proposal. These proposal sections must be generated utilizing SciENcv (https://www.ncbi.nlm.nih.gov/sciencv/) or via an NSF-approved form fillable PDF (revised May 2020).

The requirement to utilize NSF-approved formats for proposals will go into effect for proposals submitted on or due 5 October 2020. For proposals due on or after 4 October 2021 the <u>PAPPG-22</u> applies, which now allows for a three page Biosketch for Senior Personnel.

The purpose of this Guide is two-fold: it will assist researchers in attempting to manage different systems containing various biographical data and how to generate a biographical sketch for grant proposals.

MANAGING SYSTEMS

With this new requirement by NSF, researchers at Hope find they will need to manage three systems:

- Open Research and Contributor ID (ORCID), which is a requirement to publish in many journals in the social and natural sciences;
- Hope College's Faculty Activity Reporting (FAR) System, required for reporting on annual outcomes associated with work at Hope; and
- SciENcv for external grant applications to NSF (and will eventually be required for proposals to the National Institutes of Health, Department of Energy, and Institute of Education Sciences).

It is a daunting task to manage these three systems (plus, you likely have a full CV as well). The easiest way to manage is the use of **BibTex files**. You have two choices to generate BibTex files:

- 1. You can generate a BibTex file from another system (such as EndNote); or
- 2. You can generate a BibTex file from ORCID.

If you are publishing frequently, it is likely you have many of your publications already listed in ORCID, which may be the best place to start. If you do not have an ORCID account, it is recommend you sign up (very common for publishers to require it). You can import data into your ORCID from a BibTex file.

GETTING STARTED WITH ORCID

Login to ORCID.org. Hint: Make sure your account is set to public.

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SCIENCV

Once you have created and updated your ORCID account, now it's time to create and update your SciENcv account. Navigate to SciENcv (<u>https://www.ncbi.nlm.nih.gov/sciencv/</u>).

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From here, you may generate biosketches for NSF, NIH, NIH fellowships, and IES. Give your **biosketch a name**, choose the format (**sponsor**), source (**select ORCID**), and indicate whether you would like your biosketch **public or private**:

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Hint: Professional preparation may import in reverse chronological order, but this must be in chronological order for NSF submissions. Click 'Edit entries' and they will likely automatically reorder, and you can then click 'Done' to save the order.

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And employment, which should be listed in reverse chronological order (current position first):

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 CLOSELY RELATED TO THE PROPOSED PROJECT
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If you have multiple citations, you will need to select the **five which are most relevant to your proposed project** for an NSF proposal:



And the five other significant publications:

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• 15:24/3-2485.
Incorporating Authentic Research in an Optional Component of the Second Semester Organic Laboratory Course. The Chemical Educator. 2017 October.
Gillmore J, Tanko J. Radical ion probes. 11. Reaction of 1,1-dimethyl-5,7-di-t-butylspiro[2.5]oda=4,7-dien-8-one with 5-hexenyl magnesium bromide. Tetrahedron Letters. 1998 November; 39(48):8795-8798.
Robello D, Dinnocenzo J, Farid S, Gillmore J, Thomas S. ACS Symposium Series. Washington, DC: American Chemical Society; 2004-08-17. Quantum Amplified Isomerization: A New Chemically Amplified Imaging System in Solid Polymers. 136-148p.
Phillips J, Gillmore J, Schwartz P, Brammer L, Berger D, Tanko J. Radical Ion Probes. 8. Direct and Indirect Electrochemistry of 5,7-Di-tert-butylspiro[2.5]octa-4,7- dien-8-one and Derivatives. Journal of the American Chemical Society. 1998 January: 120(1):195-202.
Tanko J, Gillmore J, Friedline R, Chahma M. Oydopropylcarbinyl> Homoallyl-Type Ring Opening of Kelyl Radical Anions. Structure/Reactivity Relationships and the Contribution of Solvent/Counterion Reorganization to the Intrinsic Barrier. The Journal of Organic Chemistry. 2005 May; 70(10):4170-4173.
Lynch E, Speelman A, Curry B, Murillo C, Gillmore J. Expanding and Testing a Computational Method for Predicting the Ground State Reduction Potentials of Organic Molecules on the Basis of Empirical Correlation to Experiment. The Journal of Organic Chemistry. 2012 July 16; 77(15):6423-6430.
Speelman A, Gillmore J. Efficient Computational Methods for Accurately Predicting Reduction Potentials of Organic Molecules. The Journal of Physical Chemistry A. 2008 June; 112(25):5684-5690.
Gillmore J, Neiser J, McManus K, Roh Y, Dombrowski G, Brown T, Dinnocenzo J, Farid S. Robello D. Quantum Amplified Isomerization: A New Concept for Polymeric Optical Materials 1. Macromolecules. 2005 September; 38(18):7684-7694.
Expanding the CURE Model: Course-based Undergraduate Research Experience. 2018. Ch. 8. Resourcing, Scalability, and Sustainability of CUREs

You will need to add your "Synergistic Activities:" *Hint: May want to copy and paste from your Word biosketch in lieu of re-keying.*

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2. Will FastLane/Research.gov and SciENcv link to each other?

No. You will be required to generate a PDF of your Biographical Sketch and Current and Pending Support through SciENcv, download it, and then upload the file to FastLane/Research.gov.

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