## SciENcv Update

FDP eRA and Research Administration Committees
September 2020

- Is your institution ready for October 5?
  - Yes! Let me at it!
  - Uh, kinda?
  - I'll get back to you.....
  - What does C&PS stand for?

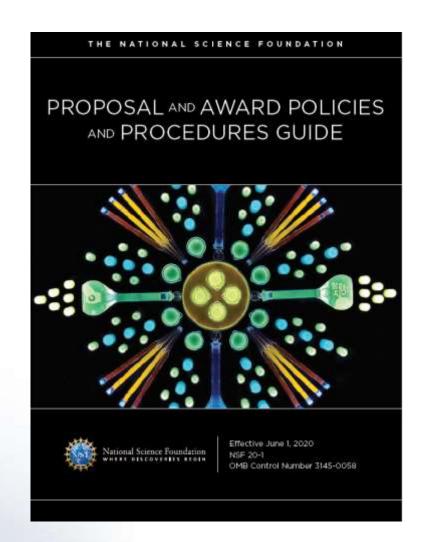
- Intros
- Policy overview & reminders Jean Feldman (NSF)
- Application status & updates Bart Trawick (NIH)
- Institutional Perspectives Amanda Hamaker (Purdue), Lori Schultz (UArizona)
- Q&A



## Policy Overview

## NSF Biographical Sketch and Current & Pending Support Implementation

- The PAPPG requirement to use NSF-approved formats for the biographical sketch and current and pending support will be required for proposals submitted or due, on or after October 5, 2020
- SciENcv and an NSF-fillable format are the two NSF-approved formats
- NSF has partnered with SciENcv to develop FAQs, help guides and video tutorials





# NSF Biographical Sketch and Current & Pending Support Formats, FAQs and Other Resources

#### NSF-Approved Formats for the Biographical Sketch

NSF requires a biographical sketch (limited to two pages) for each individual identified as senior personnel. Detailed information about the content is available in the Proposal and Award Polices and Procedures Guide (PAPPG) Chapter II C.2.f.

The PAPPG requires that publication citations "include full citation information, including (where applicable and practicable) the names of all authors..." Senior personnel that wish to include publications in the products section of the biographical sketch that include multiple authors may, at their discretion, choose to list one or more of the authors and then "et al." in lieu of including the complete listing of authors' names. See PAPPG Chapter II.C.2.(ii)(c) for complete coverage of the requirements for the biographical sketch.

The PAPPG also requires senior personnel to list "all the individual's academic, professional, or institutional appointments, beginning with the current appointment." With regard to professional appointments, senior personnel must identify all current domestic or foreign professional appointments outside of the individual's academic, professional, or institutional appointments at the proposing organization.

The requirement to use an NSF approved format for preparation of the biographical sketch will go into effect for nessibilitied or due on or after October 5, 2020. In the interim, proposers must continue to prepare this document in it the guidance specified in the PAPPG (NSF 20-1). NSF, however, encourages the community to use the NSF-approvand provide valuable feedback as we enhance them for the October implementation.

NSF recorded a webinar on the use of NSF-approved formats.

Approved formats for creating biographical sketches are

- SciENcv (Revised May 1, 2020) NSF has partnered with the National Institutes of Health (NIH) to use SciENExperts Retwork Curriculum Vitae as an NSF-approved format for use in preparation of the biographical sketch NSF proposal. Adoption of a single, common researcher profile system for Foderal grants access administrativesearchers. SciENcv will produce an NSF-compliant PDF version of the biographical sketch. Proposers must documents and submit them as part of their proposals was FastLane, Research gov or Grants gov.
  - = FAQs on using SciENcy
- NSF Fillable PDF (Revised May 1, 2020) NSF is providing a fillable PDF for use in preparation of the biogra
  Proposers should download and save the blank PDF document prior to adding content. The completed and sa
  then be uploaded via FastLane, Research gov or Grants gov.
  - FAQs on using NSF Filiable PDF.

www.nsf.gov/bfa/dias/policy/cps.jsp

www.nsf.gov/bfa/dias/policy/biosketch.jsp

#### NSF-Approved Formats for Current and Pending Support

NSF requires information on all current and pending support for ongoing projects and proposals. Detailed information about the content is available in the Proposal and Award Policies and Procedures Guide (PAPPG), Chapter, II.C.Z.h. A set of frequently asked questions related to current and pending support also is available.

The respondent to use an NSF-approved format for preparation of current and pending support will go into effect for new proposals submitted or due on or after **October 5**, 2020. In the interim, proposers must continue to prepare this document in accordance with the guidance specified in the PAPPG (NSF 20-1). NSF, however, encourages the community to use the NSF-approved formats and provide valuable feedback as we entrance them for the October implementation.

NSF recorded a webinar on the use of NSF-approved formats.

Approved formats for creating current & pending support are:

- SciENcv (Revised May 1, 2020) NSF has partnered with the National Institutes of Health (NIH) to use SciENcv Science
  Experts Network Curriculum Vitae as an NSF-approved format for use in preparation of the current and pending support
  section of an NSF proposal Adoption of a single, common researcher profile system for Federal grants reduces
  administrative burden for researchers. SciENcv will produce NSF-compliant PDF versions of the current & pending support
  format. Proposers must save these documents and submit them as part of their proposals via FastLane, Research gov or
  Grants.gov.
  - e FAQs on using SciENcy
- NSF Filiable PDF (Revised May 1, 2020) NSF is providing a filiable PDF for use in preparation of the current and pending support document. Proposers should download and save the blank PDF document prior to adding content. The completed and saved PDF can then be uploaded via FastLane, Research gov or Grants.gov
  - e FAQs on using NSF Fillable PDF



## NSF Biographical Sketch and Current & Pending Support FAQs

- Recent FAQs have focused on the following:
  - The difference between what is included on the budget and how to report effort on current and pending support;
  - How to report in-kind contributions without an associated time commitment;
  - Whether outside consulting activities must be reported in current and pending support;
  - Whether it's allowable to delete blank pages from the current and pending support form; and
  - The types of professional appointments that should be included in the biographical sketch.
- FAQs available at: <a href="https://nsf.gov/bfa/dias/policy/">https://nsf.gov/bfa/dias/policy/</a>



Questions may be submitted to policy@nsf.gov

## SciENcv Overview Federal Demonstration Partnership, 22 September 2020

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

#### Goals

Reduce burden of applying for federal funds and maintaining federal profiles

Leverage and extend data to/from external systems

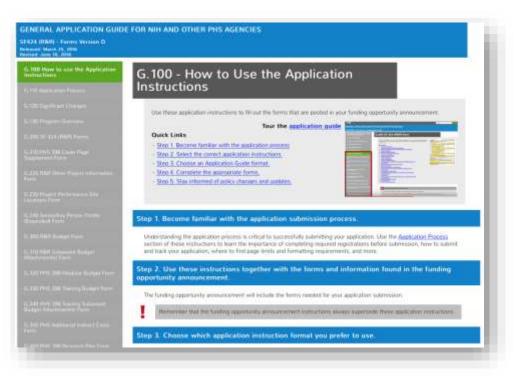
Track impact of federal investments in science and scientist careers through scientist-curated data

#### **Current Features**

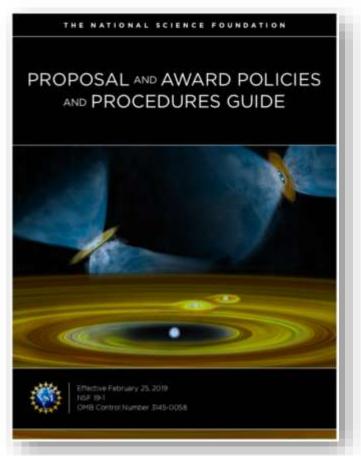
NIH biosketches, NSF biosketch, NSF Current and Pending Support, Dept. of Ed. IES biosketch Integration with ORCID, Fastlane, PubMed/PMC and eRA Commons Bulk upload of citations from reference manager software



#### NIH SF424 Application guide, 245 pages

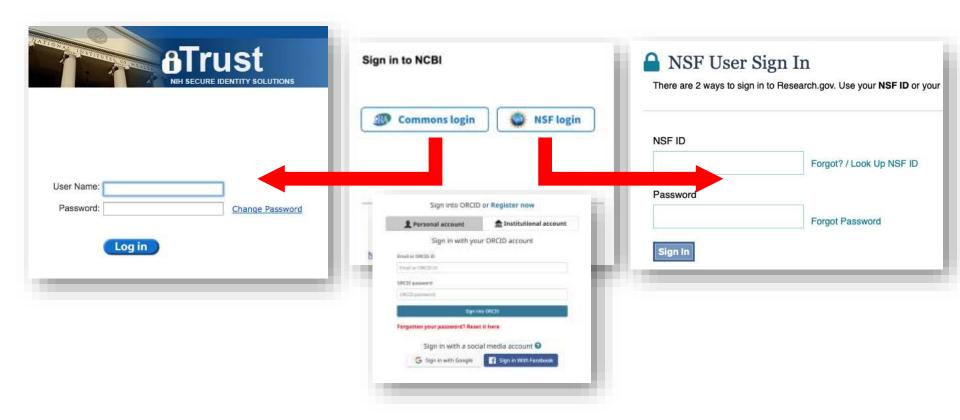


## NSF Proposal and Award Policies and Procedures Guide, 192 pages

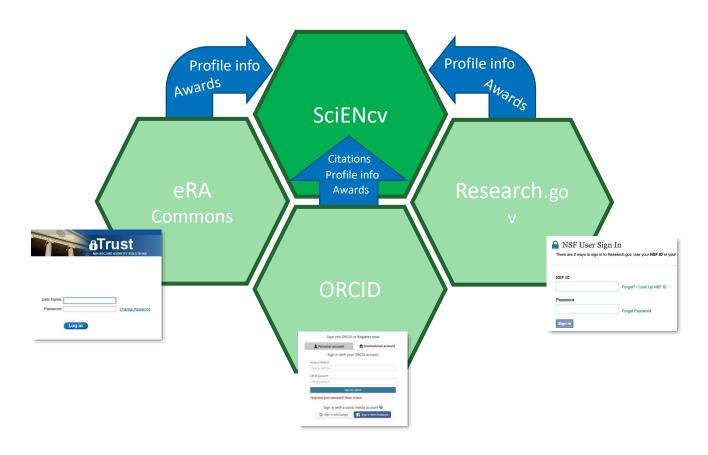




## Link to external accounts

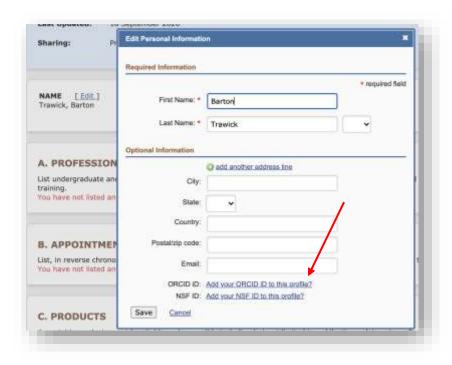


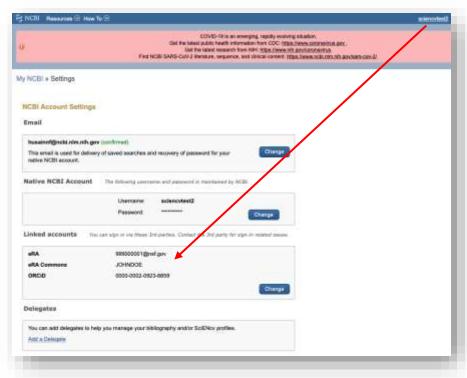
## Linking external accounts





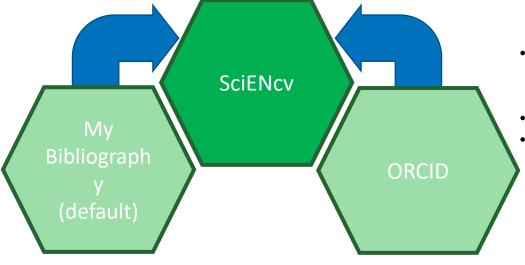
## Link to external accounts





## Using citations in SciENcv

- Pulls from PubMed
- Tracks NIH Public Access Compliance
- Populates NIH RPPR
- Supports RIS upload
- Can create manual citations



- Pulls from multiple sources (CrossRef, Scopus, etc)
- Supports BibTex upload
- Can create manual citations



#### Acceptable products result be stable and accessible including but not limited to publications, data sets, software, passets, and copyrights. Unacceptable products are unpublished documents not yet submitted for publication, invited lectures, and additional hits of products. Each product must include 6.6 station information including (where applicable and practicable) names of all outtons, date of publication or rules. NSF BIOGRAPHICAL SKETCH AME: test2, science prompt or book, volume, reque, pages, widolfte and Uniform Researce Locator (URL) or other Persistent Identifies 152° ID: 999000001 (conf.gov PRODUCTS MOST CLOSELY BELATED TO THE PROPOSED PROJECT | | Select Marines | IRCTD: 0000-0002-0921-6899 NSF Policy requires that each biographical sketch be no Dissidentance H. Quebay L. Hard-barger J. Sedel A. Share H. Shouthk J. Welci E. Jepitc's represented Computational Discretivy. 1999 October 1, 4(5):420-466. Available from http://link.springer.com/18.10 OSTITON TITLE & INSETTUTION. longer than two (2) pages unless otherwise specified in a a) PROFESSIONAL PREPARATION Scott RA, Lagou V. Stetch RF, Streeter F, Plostoycer ME, Luce J. Mápi R, Mitsubrutje RJ, Reheberg R Lacranur C, Shangio D, Barvia B, Ballare C, Johnson PC, Jalemas JM, Johnson T, Pediajan A, Wewelj N, Tio Sermitiad B, Gegor C, Salo R Perss M, Timpson NJ, Subra DM, Poartain RS, Wu Y, Andrews JS, Hu J, Bi solicitation. 2227 O'Conné JR, Strage K, Vitart K, Hayward C, Erka T, Mhailov E, France RP, Fail T, Hopet BF, Raychouch, Robertson M, Ryber D, Liu CT, Beckmann JS, Williams SM, Orleas PS, Jackson AU, Kang HM, Streighter HFS DE It is the responsibility of the submitter to ensure compliance DI APPOINTMENTS F. Müller-Hurseyd N., Franco-Ceressole A., Folkerson L., Herselo L., Jenses H., Oldshinkel AJ, Brutsenberg M. S., Verye TX, Hallmans EL, Okas H., Anteriotis M., Negerske R., Trumpet S., ford E., Bakker SI, Reng A, Kumer J. D. F. O PRODUCTS. with the two (2) page maximum. Arti J. Margins M. Snall K. Miljtonic I. Liu Y. Atolee M. Kines W. James AL. Blanderens F. Urbertinder AC Complet S. Polasek D. Bonnyceste Li., Hendery S. Direktou H. Bolten S., Floride Dt. Rovers F. Lindsteb (1) reducts Most Closely Related to the Proposed Project Baltimann St. Scatter IV. Marca St. Scheler ME. Bustine SC. Peters 8. Painestaller PP. Province MA. Barriott Edichbrunner H, Gulbus L., Horshberger J, Seidel R, Sharir M, Scoryick J, Welzf E. Implicitly Figral M, Startooli M, Ferraci I., Waterworth DM, Bergman RN, Colina FS, Tuarrietta I, Waterate RM, 4 (3) representing arrangements of lines or segments. Discrete & Computational Geometry Party SM, Volenanider P, Witter W, Wright AE, Hovingh GK, Mitteralu A, Usathura M, Magnussen PK, Kir Close Renotan R. Linch, Boellinks M. Shuldher AR, van Duğn CM, Mante AD, Toerges A, Payser RA, Belity JR, N Schwarz PC, Lakka YA, Roumman B. Adair LS, Smith GD, Spector TD, Illig T, do Faire LL Hameton A. Gun DOI: 10.1007/08/02187742 SH, Sastisto TE, Boorseria DI, Stafensson K, van der Harst P, Dağuta J. Pedersen Ni., Sett THE PROPOSED PROJECT | Select citations | Scott RA, Lagou V, Welch RP, Wheeler E, Montueser ME, Luan J, Migt R, Strawbridge RJ. Historian KL. Balloon D. Fromust P. Druste A. Janvarler MS. Historians MJ. Bounta Nat N. McCartler HE. Francis. induced pathways, fast theret, 2012 feet dig to the cook, Pualtur PRED: 22820004, SEHRED UK J. Seidel R, Sharir M, Snoeyink J, Welzl E. Implicitly representing arrangem Secret St. Sustafaco S. May R. Garris A. Wieser E. Feltrez Mf. Letter All. Woods KL. Crossey-Charles DM, Pourcain BS, Wu Y, Andrews JS, Hai J, Bielak LF, Zhao W, Horikoshi M, Navarro P, Jacob AU, Lion J. Revisal K., Vederten S. Miler Cl., Wester Tit, Wood Mr., Worsderman T. Ha V.), Legr. 1; 4(5):433-466. Available from: http://link.springer.com/10.1007/BF021-in, may 2, Americ S. (Note: H. Sing U.), Stringer M. Carbo G., Legr. 1; Legr. 1; 4(5):433-466. Available from: http://link.springer.com/10.1007/BF021-Hi, Ngwa 25, Abita IM, Paternoster L, Pechilyania S, Rensig W, Paters MJ, Proces M, Rose LM, Shi J, Shar

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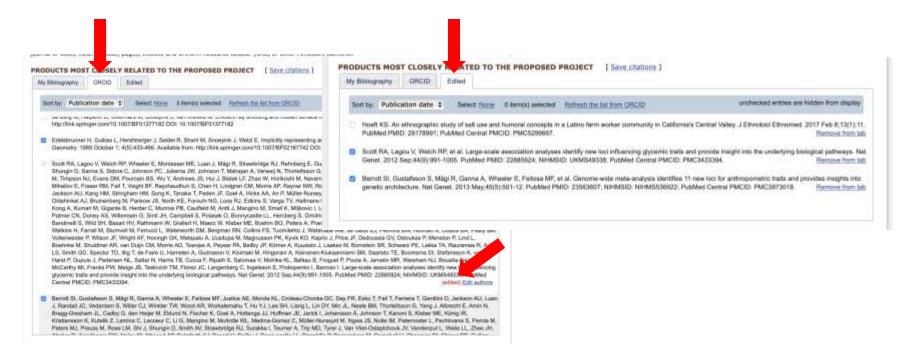












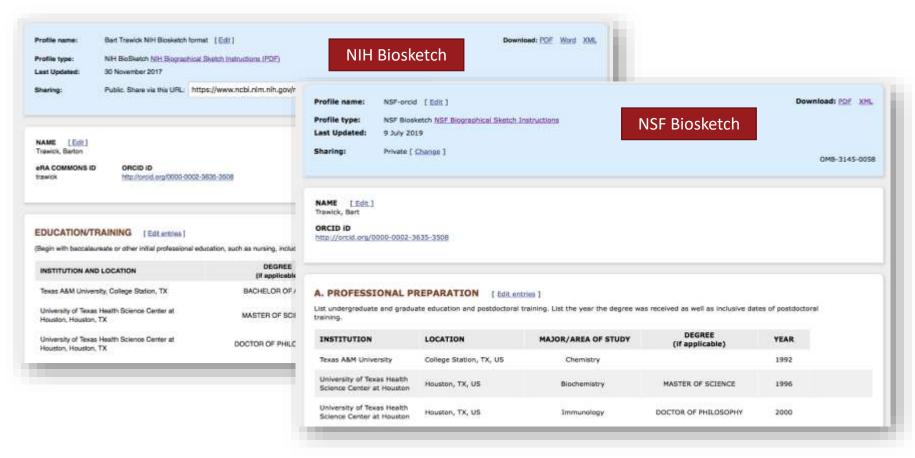


#### PRODUCTS MOST CLOSELY RELATED TO THE PROPOSED PROJECT [ Select citations ]

- Edelsbrunner H, Guibas L, Hershberger J, Seidel R, Sharir M, Snoeyink J, Welzl E. Implicitly representing arrangements of lines or segments. Discrete & Computational Geometry. 1989 October 1; 4(5):433-466. Available from: http://link.springer.com/10.1007/BF02187742 DOI: 10.1007/BF02187742
- Scott RA, Lagou V, Welch RP, et al. Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nat Genet. 2012 Sep;44(9):991-1005. PubMed PMID: 22885924; NIHMSID: UKMS49338; PubMed Central PMCID: PMC3433394.
- 3. Berndt SI, Gustafsson S, Mägi R, Ganna A, Wheeler E, Feitosa MF, Justice AE, Monda KL, Croteau-Chonka DC, Day FR, Esko T, Fall T, Ferreira T, Gentilini D,

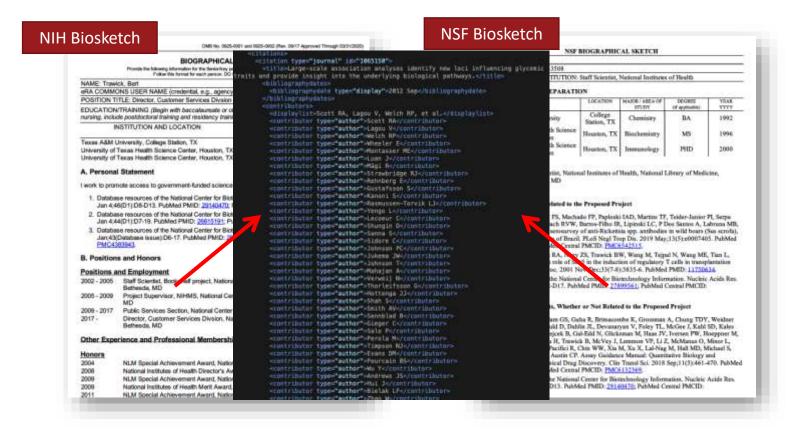


## SciENcv Biosketch Forms



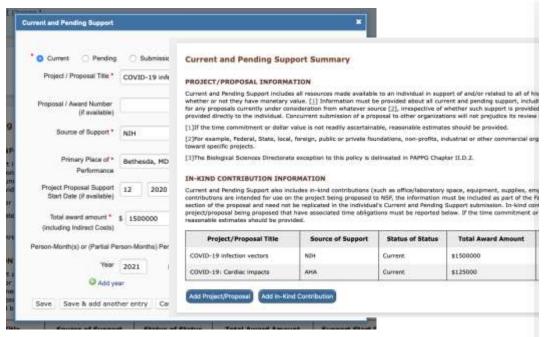


## SciENcv Biosketch Output



## SciENcv: NSF Current & Pending Support

CPS-1 of 1







## SciENcv Features

Create & store
multiple biosketches
plus C&PS forms

Output PDFs on demand

Output PDFs on demands

Output PDFs on d

Have a delegate manage accounts





### 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: <a href="mailto:info@ncbi.nlm.nih.gov">info@ncbi.nlm.nih.gov</a>

NSF Login and usage questions: 1-800-381-1532 or <a href="mailto:rgov@nsf.gov">rgov@nsf.gov</a>

NSF Policy questions: policy@nsf.gov





## FEDERAL DEMONSTRATION PARTNERSHIP

Redefining the Government & University Research Partnership

# Institutional Perspectives

## Purdue University

- Prior to 2020: Purdue has taken a very hands-on approach to assisting investigators with their C&P. Provided a system generated report to investigators, revised and formatted by our office for final submission.
- Now: We provide the same system generated report.
   Investigators must complete their own C&P in one of the required formats.
  - We are attempting to answer their questions
  - Some are disappointed that we cannot do their NSF C&P for them in the new formats (staffing levels do not allow for this)
  - Some investigators are digging in and trying to figure it out positive experiences reported

# University of Arizona

- Decentralized research administration support
  - Researchers have local proposal development support / departmental research admin (DRA)
  - Current & Pending maintained locally (PI's hard drive)

### UArizona DRAs

- Usage of PDF format is highest
- Working with libraries on SciENcv training (videos) due to integration with ORCID.

# Purdue University

## • Steps to Prepare:

- Communication Updated website, emails sent through the Associate Deans for Research and directly from Pre-Award staff to highly active PIs that submit to NSF
- Updated language in all materials to communicate the investigator's responsibility to ensure the C&P is "true, complete, and accurate."
- Training provided to Pre-Award staff to understand the requirements and anticipate possible submission time issues. Emphasis put on communication both with internal investigators and external partners throughout proposal preparation.

## Preparing the community:

- Training opportunities
- Communication
- Update of policies that intersects (COI/COC)

## Pandemic impacts:

- Hold on bigger push to get more faculty set up with ORCID (in-person events)
- Shift to remote work is evening out

# Purdue University

## Most common questions/concerns:

- Biosketch:
  - Point of confusion surrounding getting all publications into SciENcv –
     More focus being placed on educating investigators on the flow of information.

#### Overall:

- Most opting to use the fillable pdf at this time. We continue to recommend using SciENcv.
- Concerns over last minute changes to the title and budget for "this project" cited as a reason for using the fillable pdf.

- Most common questions/concerns:
  - Fillable PDF:
    - Other significant projects section limitations (this actually helps us drive users to SciENcv)
  - SciENcv:
    - Need to increase our ORCID users, local knowledge of the system.
    - Pursuing API to get institutional profile information into ORCID



- Lessons learned so far:
  - Read the FAQs.
  - Watch the videos provided.



## Next Steps:

- Communication around available tools
- Re-prioritize ORCID usage and ramp up training
- Companion ORCID/SciENcv training/office hours



## FEDERAL DEMONSTRATION PARTNERSHIP

Redefining the Government & University Research Partnership

Q&A