

# SciENCv & ORCID

Best practices for the updated Biosketch and  
Current & Pending (Other) Support documents  
*including headaches, pitfalls, and lessons learned*

June 12, 2023

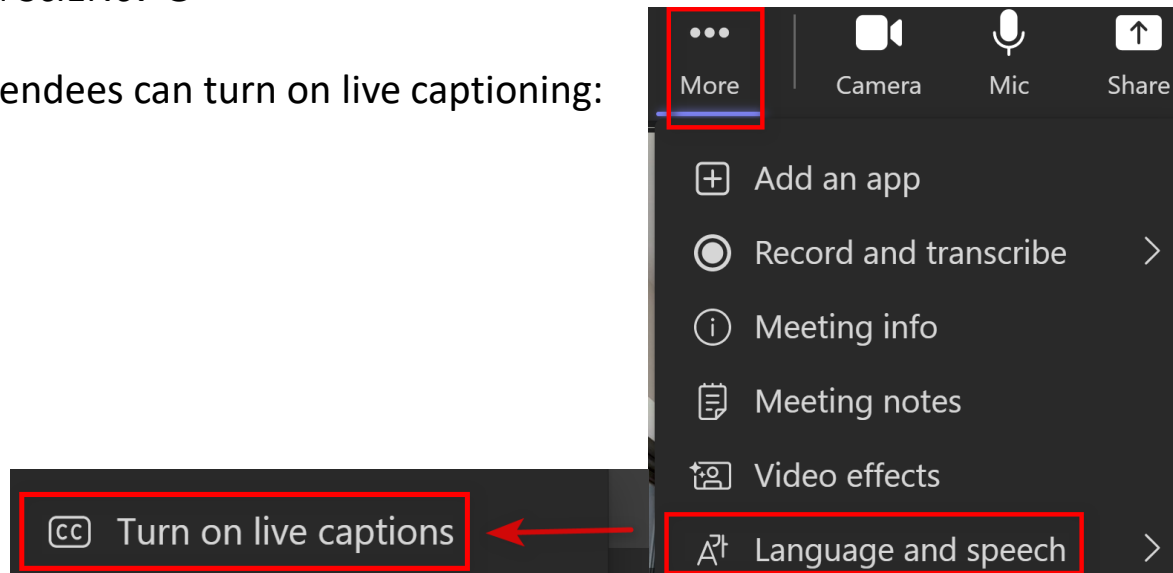


**Northeastern  
University**

# Presenters:

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- Nicole Magni - Assoc Director, NU-RES Hub
- Joan Cyr – Director, Research Operations & Systems – NU-RES
- Louise Miller –Managing Director of CTBP and CIRCS, COS - and ‘semi-willing participant’ who knows her way around SciENcv 😊
- Remote attendees can turn on live captioning:



# Agenda

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- Why SciENCv and ORCID?
- Reduced or Added administrative burden?
  - ORCID API's
- Best practices examples
- DEMO
- Links/QuickCards

# Why SciENCv and ORCID?

- Office of Science and Technology Policy (OSTP) NSPM-33 guidance for federal agencies set forth requirements that the major US Federal funding agencies must:
  - Include the adoption of persistent identifier (PID) infrastructure as an important way of enabling researchers to be transparent about their research activities while reducing administrative burden, and
  - Describe standards that a PID service for researchers must meet to be included in Federal grant application processes
  - ORCID is the only organization that currently satisfied this criteria.
    - [\*ORCID Poised to Support Research Institutions in New Era of Public Access and Research Security, 3-28-23\*](#)
- NSF has formally adopted use of SciENCv, making use of it to generate Biosketches and Current & Pending (Other) Support documents for all proposal submissions mandatory by October 23, 2023; NIH is poised to follow suit:

## ***“Show of Hands:”***



- Who uses SciENCv now? Who uses ORCID now?


- Context: NSF Awards (FYTD 5/31/23):

Sponsor Reporting Assignment Level 2	Funding This FY
Federal / Government - NSF	\$53,223,526

## **NIH Implementation - SciENCv Templates**

- NIH anticipates adopting the Common Form with some agency-specific instructions by FY 2024.
  - If the Common Form is not available in that timeframe, NIH will proceed with issuing an updated NIH form until the CF is available.
- Electronic versions of the new forms are anticipated to be made available in SciENCv in FY 2024. Continuing to work with NLM on implementation.
- Electronic signature/certification will be captured via SciENCv.
- NIH is exploring options for how best to include supporting documentation in SciENCv generated Other Support document.

# Reduced or Added Administrative Burden?

Reduced Administrative Burden	Added Administrative Burden
Somewhat like Turbo Tax for filling out forms – no more typing out C&P forms!	Certification required each time, by all investigators, for every change to document; if budget changed, C&P must be updated; ‘this’ proposal must be listed on C&P
Can pull info from previous forms to fill out the new form	Initial set up can be time consuming
Reduces dependency on agency admin guidelines (e.g. lines/inch, fonts, etc.)....provides guardrails for admin requirements	Investigators with multiple NCBI accounts is confusing to Admins
Create/store multiple versions of forms; output PDFs on demand; has delegate accounts	Setup account and certification must be completed by the logged in PI 
Has common data model (structured XML) that is attached in the background to the PDF	Next headache: collaborators and other affiliations (COA) (see example → JCyr COA (on NSF advice, submitted feedback comment requesting this be improved/automated)
Easily copy the data to multiple formats of the form (NIH vs NSF Biosketches)	PI must remove you as a delegate ( <i>COMING SOON: NCBI is working to add ability to remove yourself as a delegate</i> )
Old format to new format options; ORCID keeps a record of all commitments even when the Investigator has minimal effort	
Uses existing logins ...eRA Commons login, NSF, NU SSO	
Easy electronic certification and recertification based on funding agency requirements	
Insert info in ORCID, link to SciENcv, and all info is pulled into SciENcv Biosketch/C&P	
Eliminates confusion between similarly named individuals (especially first initial/last name) ← example Louise	
Admin can review draft of C&P before PI Certification (make adjustments/corrections so PI certifies once) ... <i>COMING SOON: View Draft functionality for BioSketch later this summer with new UI launch</i>	

# ORCID API's

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- Northeastern re-joined the ORCID consortium
- Membership provides access to technical support and 5 member application programming interface's (API's )
- ORCID can connect to [many systems](#) via API's (e.g. Academic Analytics, Digital Measures, DMP tool, Workday, etc.)
- NU-RES and ITS are investigating....

# Best practices

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- Insert all info into ORCID, then link to SciENcv so all information is pulled into SciENcv and inserted to your Biosketch/C&P form in the correct form/format, with easy electronic certification/print
- Grant access to your administrator as soon as you hire/are aligned with an administrator; don't produce C&P until last minute
- For Biosketch and C&P, put the proposal name or something else unique in the Biosketch and C&P names (e.g. something like "2021 NIH Bio Smith")
  - The PI might want to change up the publications depending on the proposal so it's not always practical to just reuse the Biosketch as is from another proposal
  - Biosketch should have the right emphasis for the proposal, just like you'd change your resume to suit different jobs you're applying for
- If your PI has been working since before ORCID not everything will be in there
  - ORCID has pubs and grants.. clean that up the best you can, otherwise your Biosketch is pulling from ORCID and also SciENcv and that can be messy
- Take the time to put the publication into ORCID rather than have two sources of pubs for the Biosketch
- If your PI has lots and lots of publications that are not in ORCID, you can pull them into ORCID from Web of Science (the data load takes overnight)
- Sources of publications are in 2 different tabs in SciENcv... My Bibliography is manually inserted, and ORCID is coming from ORCID – Only allowed to have 5 publications listed, and they may be on different tabs
- If your PI won't help with the project descriptions you need for the C&P, you can get a sentence or two from the abstract in ePAWs; C&P will have to be re-certified if NSF awards grant, so have it right from the beginning
- Adding works to SciENcv; if not there and you refresh from ORCID and it doesn't come in, might be set as Private in ORCID; you can enter it manually or through PubMed (no Physics or Material Sciences)
- Can often find C&P proposals in ORCID

# Demo

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- SciENcv...How to create a SciENcv account and various BioSketches
- ORCID...confirming publications list (as opposed to using Google Scholar)



# Links/QuickCards

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- SciENcv

- <https://www.ncbi.nlm.nih.gov/sciencv/>
  - Customized NIH Biosketch: <https://www.youtube.com/watch?v=RaYDhqIpkAo>
  - 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>
  - ORCID and SciENcv <https://thefdp.org/default/assets/File/Presentations/FDP%20eRA%20ORCID%20May%202021.pdf>
  - SciENcv and ORCID best practices <https://www.lib.ncsu.edu/sciencv-for-biosketches>

- ORCID

- ORCID info for Researchers: <https://info.orcid.org/researchers/>

- QuickCards

☰ ePAWs 1.0

Getting an ORCID-ID & adding works

SciENcv Add Delegates

SciENcv Getting an Account

SciENcv Link to External Accounts



Questions?



# Thank You!

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**LVX**  
**VERITAS**  
**VIRTUS**