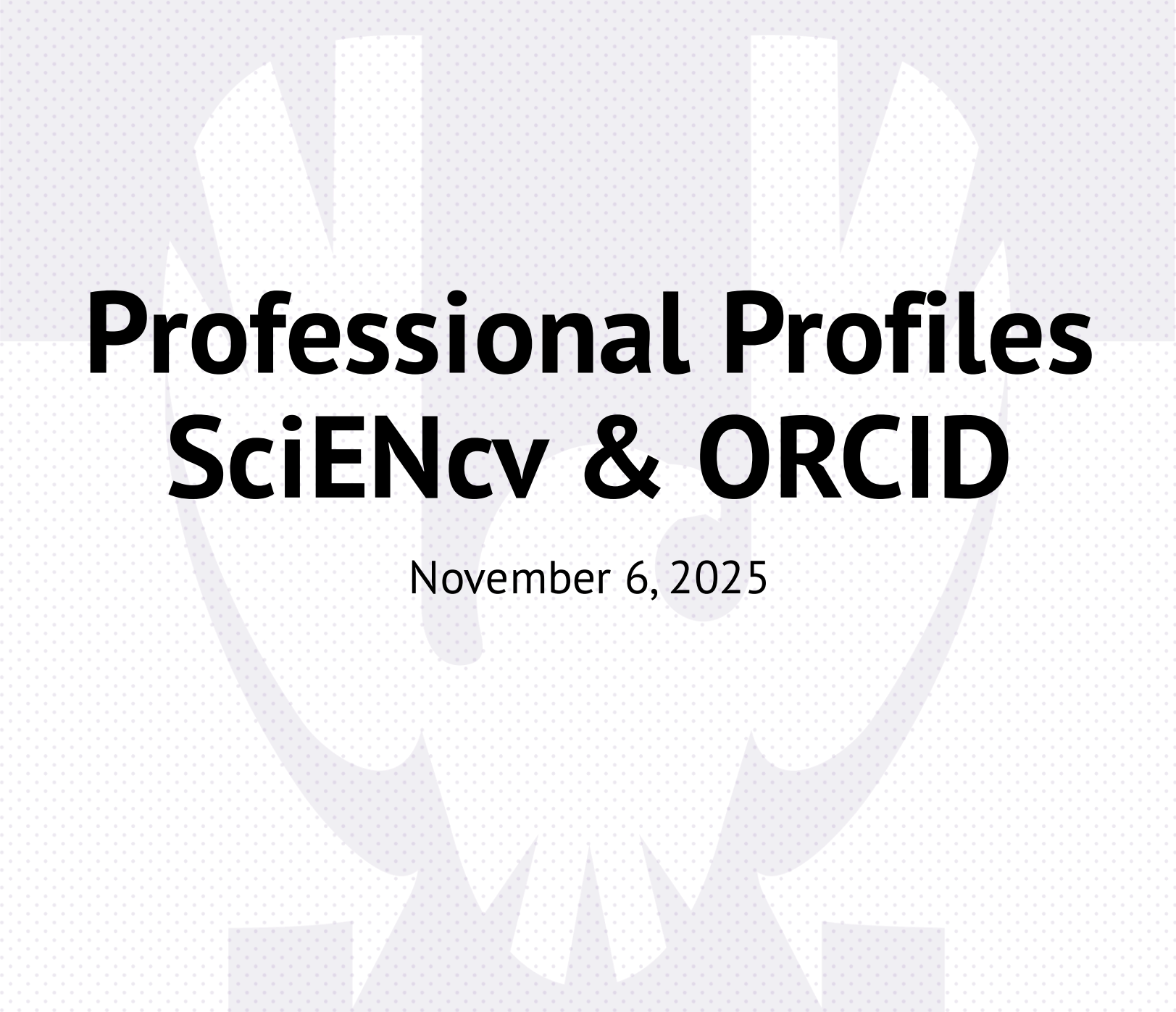




Office of Research & Economic Development



Professional Profiles SciENcv & ORCID

November 6, 2025



We Love Our Acronyms (WLOA)

- SciENcv – Science Experts Network Curriculum Vitae
- ORCID – Open Researcher and Contributor ID

SciENCv | Science Experts Network Curriculum Vitae

- Helps researchers assemble the professional achievements needed for participation in federally funded research
- Allows researchers to describe their scientific contributions in their own language
- Reduces the administrative burden associated with federal grant submission and reporting requirements
- Eliminates the need to repeatedly enter biographical and *Current and Pending (Other) Support* information
- Leverages data from existing systems

SciENCv | Creating an Account

- [Sign up / NCBI](#)
- Many options—
 - See Handout or click below--
 - [NCBIAccountFlyer](#)
- [SciENCv: Getting Started](#)

Sign up

using



eRA Commons



Google Account



ORCID



Login.gov



Microsoft



NIH Account

more sign up options

SciENCv | After you've created an NCBI Account

Welcome back!

Log in again with eRA Commons

or

 eRA Commons

 Google Account

 ORCID

 Login.gov

 Microsoft

 NIH Account

 NCBI Account

more login options

My NCBI

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Search NCBI databases

Search : PubMed

Search

Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.

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Manage Collections »

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Manage Filters »

SciENcv

Name	Last Update	Sharing	Type
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Manage SciENcv »

SciENCv

Helpful Links

[About SciENCv](#)

[How to Use SciENCv](#)

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Name: Mark Lynam
Title/Department: Manager, Sponsored Programs
Tennessee Technological University
eRA Commons ID: mdlynam

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+ NEW DOCUMENT

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11/6/25	Test	NSF Biographical Sketch	

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NIH Biosketch

NIH Fellowship Biosketch

NIH Biographical Sketch PREVIEW Common Form

NIH Current and Pending (Other) Support PREVIEW Common Form

NSF Biographical Sketch

NSF Current and Pending (Other) Support

USDA Biographical Sketch

USDA Current and Pending (Other) Support

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Document type *

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☒ Use an external source

Source *

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SciENcv | Linking Accounts

Linked Accounts

You can log into your NCBI account via these third parties. Contact the third party about any issues related to logging into any of the accounts below.

Account	Email/ID	Remove
ORCID	0000-0002-9140-5286 (logged in)	
eRA Commons	mdlynam@tntech.edu	

[Add account](#)

SciENcv | Delegating Accounts

Delegates

You can add delegates to help you manage your bibliography and/or SciENcv profiles.

[Add delegate](#)

SciENcv Resources

- [SciENcv: Getting Started](#)
- NSF | [Documents Required for Senior/Key Personnel - Funding at NSF | NSF - National Science Foundation](#)
- [Using SciENcv Frequently Asked Questions](#)

SciENcv | Implementation

- Slowly being adopted by Federal Agencies
 - NSF | Currently Required
 - NIH | November 2025?
 - USDA | Check solicitation

ORCID | Open Researcher and Contributor ID

- Began in November 2009 as a collaborative effort by academic publishers
- Designed to resolve the problem of author name ambiguity
- Currently has 10.4 million active researchers
 - Is now integrated in nearly 1,200 platforms or services

ORCID – What's in it for me?

- Your ORCID code links *you* to *your* professional activities and distinguishes you from other researchers
 - Your work is discoverable
 - Distinguishes you from others with the same name
 - When you're not *that* Dr. Smith
 - Remains connected to your work throughout your career
 - Even if your name changes, your ORCID remains constant
- Used as the basis for populating biosketches and other professional profiles *Including your funding history!*

ORCID – and Research Compliance

- ORCID (and other persistent identifiers) are being used by Federal agencies.
 - Why? To improve the discoverability and transparency of scientific data
 - Currently *mostly* planned, not fully implemented

ORCID – Getting Started

- [Register – ORCID](#)

Create your ORCID iD

Step 1 of 5 - Names and emails

Per ORCID's [terms of use](#), you may only register for an ORCID iD for yourself.
Already have an ORCID iD? [Sign In](#)

Your names

Given names



Family names (Optional)



Your email addresses

Primary email

Additional email (Optional)



Next Step

ORCID-Getting Started Cont. 1

Create your ORCID iD

Step 1 of 5 - Names and emails

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Your names

Given names

Family names (Optional)

Your email addresses

Primary email

Additional email (Optional)

Next Step

Create your ORCID iD

Step 3 of 5 - Current employment

Adding a current employment affiliation helps distinguish you from other researchers with a similar name.

Current employment

Organization

Tennessee Technological University
Cookeville Tennessee US

Tennessee Tech
Cookeville Tennessee US

State Technical Institute at
Memphis
Memphis Tennessee US

Southwest Tennessee Community

Start date (Optional)

Year

Month



Create your ORCID iD

Step 4 of 5 - Visibility

Your ORCID iD connects with your ORCID record that can contain links to your research activities, affiliations, awards, other versions of your name, and more. You control this content and who can see it.

Visibility settings

By default, what visibility should be given to new items added to your ORCID Record?

☒ **Everyone** (87% of users choose this)
Everyone can see these items

☐ **Trusted parties** (5% of users choose this)
Only people and organizations you've given permission

☐ **Only me** (8% of users choose this)
Items are private and only visible to you

[More information on visibility settings](#)



Create your ORCID iD

Step 5 of 5 - Terms and conditions

Tips & features email

We occasionally send out an email with information on new features and tips for getting the best out of your ORCID record.

☐ I'd like to receive the ORCID tips & features email

Terms of Use

☒ I consent to the [privacy policy](#) and [terms of use](#) and agree to my data being publicly accessible where marked as "Visible to Everyone".

☒ I consent to my data being processed in the United States. [More information on how ORCID process your data.](#)

☒ I'm not a robot
reCAPTCHA is changing its terms of service. [Take action.](#)



Complete registration

 Help

ORCID | Your works

- While there's not a direct import from Google Scholar, you can use the BibTeX Export option in Scholar

The screenshot displays the Google Scholar interface with search results for the author "Rory Roberts". A red box highlights the "Export all as:" menu, which includes options for BibTeX, EndNote, RefMan, and CSV. The BibTeX option is selected, and the resulting BibTeX code is shown in a text area. A context menu is also visible, with the "Save as" option highlighted.

Showing all articles in your library
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Liquefied natural gas as the next aviation fuel
R. Roberts, S. R. Nuzum, M. J. Wright - 13th International Energy Conversion ..., 2015 - arc.aiaa.org
Military aircraft will have advanced capability in maneuverability, weaponry and surveillance while maintaining a low detectability. These advanced capabilities introduce more ...
50 Cite Label Delete 30

Vehicle level tip-to-tail modeling of an aircraft
R. Roberts, S. Eastbourn - International Journal of Thermodynamics, 2014 - dergipark.org.tr
A system-level multidisciplinary aircraft model has been developed exclusively in MATLAB/Simulink. Aircraft subsystem models representing the air vehicle system ...
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Modeling techniques for a computational efficient dynamic turbofan engine model
R. Roberts, S. Eastbourn - International Journal of Thermodynamics, 2014 - Wiley Online Library
A transient two-stream engine model has been developed. Individual component models developed exclusively in MATLAB/Simulink including the fan, high pressure compressor ...
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Control design for a bottoming solid oxide fuel cell gas turbine hybrid system
F. Mueller, F. Jabbari, J. Brouwer, R. Roberts, R. Roberts - 2007 - asmedigitalcollection.asme.org
A bottoming 275 kW planar solid oxide fuel cell (SOFC) gas turbine (GT) hybrid system control approach has been conceptualized and designed. Based on previously published ...
50 Cite Label Delete 30

Control architecture study focused on energy savings of an aircraft thermal management system
R. Roberts, D. Decker - Journal of ..., 2014 - asmedigitalcollection.asme.org
The next generation of aircraft will face more challenging demands in both electrical and thermal loads. The larger thermal loads reduce the propulsion system efficiency by ...
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Control design of an atmospheric solid oxide fuel cell/gas turbine hybrid system: Variable versus fixed speed gas turbine operation
R. Roberts, J. Brouwer, E. Jabbari, T. Junker, ... - Journal of Power ..., 2006 - Elsevier
This study is focused on a hybrid fuel cell/gas turbine (FCGT) system with an atmospheric pressure solid oxide fuel cell (SOFC). The impact of the gas turbine rotational speed on ...
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  journal={Journal of Research Administration},  
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  publisher={Society of Research Administrators International. 500 North Washington...}  
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  title={Vehicle level tip-to-tail modeling of an aircraft},  
  author={Roberts, Rory A and Eastbourn, Scott},  
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ircraft thermal management system),
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  volume={2014},
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@article{roberts2014vehicle,
  title={Vehicle level tip-to-tail modeling of an aircraft},
  author={Roberts, Rory and Eastbourn, Scott},
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@inproceedings{roberts2015liquefied,
  title={Liquefied natural gas as the next aviation fuel},
  author={Roberts, Rory A and Nuzum, Sean R and Wolff, Mitch},
  booktitle={13th International Energy Conversion Engineering Conference},
  pages={4247},
  year={2015}
}

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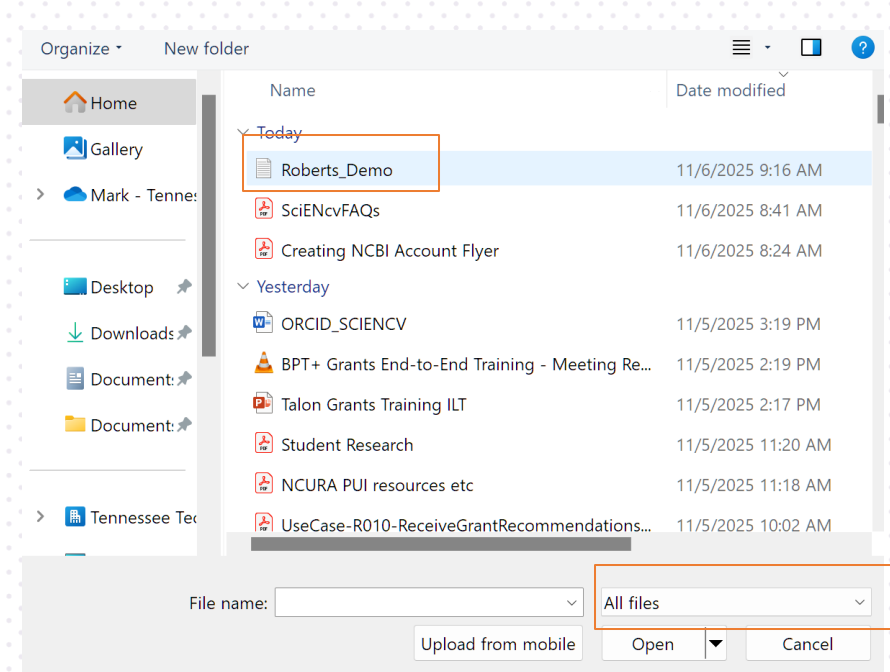
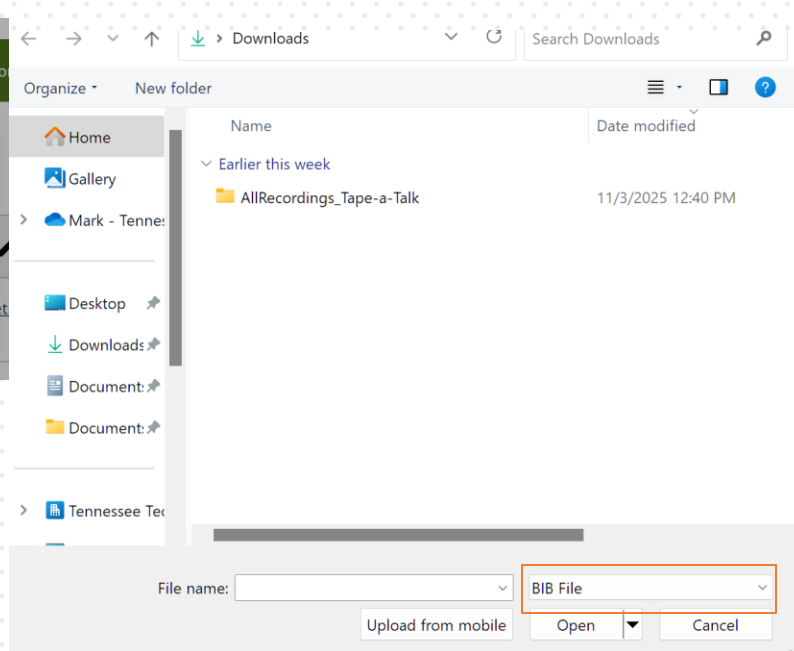
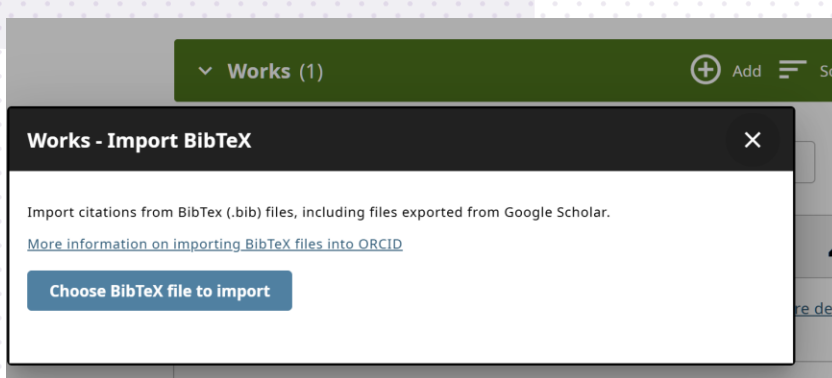
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CONTRIBUTORS: Mark Lynam
Source: Mark Lynam

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☐ **Control design of an atmospheric solid oxide fuel cell/gas turbine hybrid system versus fixed speed gas turbine operation**
Journal of Power sources
2006 | journal-article

☐ **Control architecture study focused on energy savings of an aircraft thermal management system**
Journal of Dynamic Systems, Measurement, and Control
2014 | journal-article

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CONTRIBUTORS: Nagy, Dianne

Source:

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☐ **Liquefied natural gas as the next aviation fuel**

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2015 | Conference paper
CONTRIBUTORS: Roberts, Rory A; Nuzum, Sean R; Wolff, Mitch

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ORCID & GrantForward

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2007

Coauthors: Mueller, Fabian, Jabbari, Faryar, Brouwer, Jacob, Roberts, Rory, Junker, Tobias, Ghezal-Ayagh, Hossein

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☐ **Liquefied natural gas as the next aviation fuel**
[13th International Energy Conversion Engineering Conference](#)



2015

Coauthors: Roberts, Rory A, Nuzum, Sean R, Wolff, Mitch

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☐ **Determinants of Broader Impacts Activities: A Survey of NSF-funded Investigators.**
[Journal of Research Administration](#)



2016

Coauthors: Nagy, Dianne

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Proceed

What's that about GrantForward?

- Next Session – November 21
- TTU currently rolling out news about GrantForward
 - Funding Database
 - Collaborator Resource



Questions?