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landscape geography  
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foreign language  
Information aerospace  
biology

# MSU Office of Research and Economic Development

## Seminar Series

### Your Science Identity

September 29, 2020



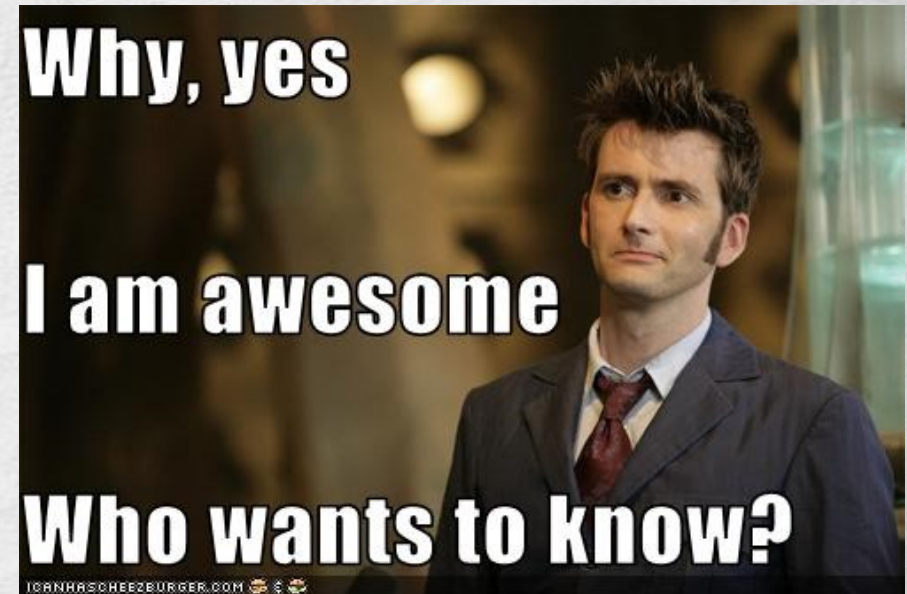
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# What do we mean by “Science Identity?”

- Your professional/scholarly digital footprint
  - Telling YOUR story
- Evidence of your status as an authority in your field
  - Demonstration of your experience, expertise, and capacity/leveraged resources, special interests/skills (preferences)
- A GPS for collaboration
  - Mentor, mentee, partner, consultant, advisor, reviewer, resource – similarly, to identify Conflicts of interest

# Who wants to know?"

- Double-edged sword; important to strike a balance with what info you make available
- Access to you and information about your work – some is by choice, some required (ex. Data repository, public access required by funder, FOIA, etc. )
- Building and managing institutional research capacity – We use it!
- Third-party vendors. Some will mine those data without input from faculty; others promote tools and services that will enable faculty to compile the data that they want to share. MSU has purchased software that will allow faculty to tell their own narratives.
- Today we will touch on tools and tips for presenting yourself to your peers and colleagues, your institution and public audiences, and potential funders



# Digital Measures

- A centralized reporting system that logs activities in teaching, research, service, and Extension
- Faculty have their own accounts and manage their own data
- The content from the system can then be used in various reports

Digital Measures

Sign In



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# Why Digital Measures

- Captures multiple appointment types and activities
- Designed for faculty, but available for any type of employee
- Pulls data from Banner
- Imports from other sources
- Data are entered in one location but used for multiple purposes

# How the Faculty Can Use It

- Faculty can then use the data to generate items such as biosketches, conflict of interest, current and pending, a digital C.V., promotion and tenure documentation, and annual reviews
- Faculty control their own accounts to enter the content they feel is important for their own narratives.

# How the University Uses It

- The intent for how the University would use the system is to stream-line reporting, particularly in the aggregate (e.g., metrics related to teaching and research at a college or department level)
- Some colleges/schools have specialized accreditation reports that Digital Measures generates automatically
- Workflow processes, such as annual reviews and promotion and tenure reviews
- Internal search capabilities to find research collaborators

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landscape geography  
alumni  
Technology  
mathematics  
foreign language  
aerospace  
Information biology



# MSU Libraries

- ORCID – Open Researcher and Contributor Identifier
- Scholars Junction – MSU’s Institutional Repository







**DISTINGUISH  
YOURSELF** 

## What is ORCID?

**ORCID** is a non-profit organization supported by a global community of organizational members, including research organizations, publishers, funders, professional associations, and other stakeholders in the research ecosystem.

**ORCID** provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.



**DISTINGUISH  
YOURSELF** 

## What is an ORCID identifier?

ORCID iDs are assigned https URI with a 16-digit number that is compatible with the ISO Standard e.g. <https://orcid.org/0000-0002-2273-2312>. The ORCID iD is a persistent identifier that references a person. Only the ORCID Registry can assign ORCID iDs.

### Your ORCID iD:

- **distinguishes you** and ensures your research outputs and activities are correctly attributed to you
- reliably and easily connects you with your contributions and affiliations
- reduces form-filling (**enter data once, re-use it often**)
- improves recognition and **discoverability** for you and your research outputs
- is **interoperable** (works with many institutions, funders, and publishers )
- is persistent (enduring)
- Your iD is yours throughout



**DISTINGUISH  
YOURSELF** 

## Why should I register with ORCID using my institutional e-mail account?

In order for the university to measure the growth of ORCID registrations, it is helpful (albeit not required) to register using your MSU email address. If you leave the university, you can easily update your email address in your ORCID record to reflect a new affiliation or simply a new address. You can revise any category in your record at any time.

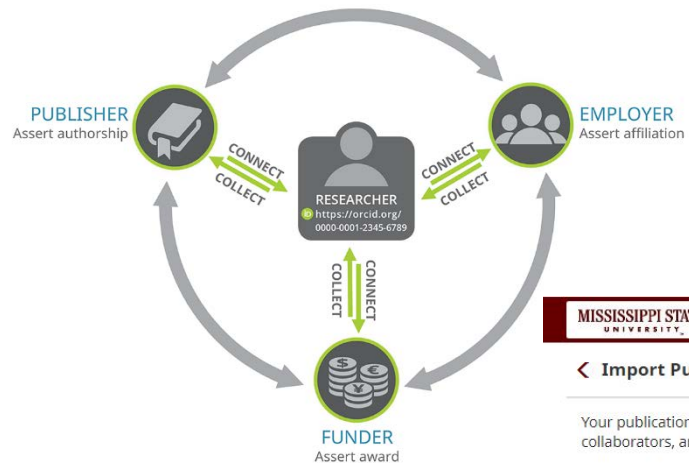
MSU Libraries and Office of Research and Economic Development provide funding in support of the institutional membership.



# DISTINGUISH YOURSELF

## Link Digital Measures to ORCID

INTEROPERABILITY **ENTER ONCE**  
REUSE OFTEN



## Link your SciENCv to ORCID

Create New Profile

You have 3 options for creating a new profile in SciENCv:

From scratch | From an external source | From an existing profile



Name: Dorothy's CV2 ←  
Enter a name to help you to identify this profile

Type of profile: NIH Biosketch  
Additional profile types will be added later this year.

External source: ORCID ←  
Your ORCID account is linked to SciENCv. ←

Sharing:  Public  Private  
You can change the shared settings for this profile at any time.

Create Cancel

From an external source:  
   
Some portions are auto-populated with data from an external profile

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Activities Reports

### Import Publications

Your publications may exist in other systems—and we want to make adding them easy. Import your citations using one of the options below, then follow the prompts to address duplicates, match collaborators, and perform a final review to complete the process.

#### Import from a BibTeX file

Import publications from other software or databases such as:

- EndNote
- Mendeley
- HeinOnline
- Google Scholar
- RefWorks
- Zotero

Choose File...

#### Import from a Third Party

Select a service: ORCID

Connected to [orcid.org/0000-0002-2273-2312](https://orcid.org/0000-0002-2273-2312)

Search ORCID

Disconnect



## Scholarly Communication Services

### OVERVIEW

### SERVICES

- [Copyright and Fair Use](#)
- [Data Management](#)
- [Scholars Junction \(Institutional Repository\)](#)
- [Journal Hosting](#)
- [Open Access](#)
- [Open Educational Resources](#)

### ORCID

[Overview](#)

[FAQs](#)

[Guide to ORCID Identifiers](#)

#### Questions?

Mary Ann Jones,  
Scholarly Communication Coordinator  
(662) 325-7671  
[mjones@library.msstate.edu](mailto:mjones@library.msstate.edu)

## ORCID

Mississippi State University is an organizational member of [ORCID](#), a non-profit organization dedicated to connecting all who are involved in the research lifecycle to their scholarly and innovative contributions through use of a unique identifier. Research stakeholders include individuals, research and scholarly organizations, publishers, funders, data repositories and libraries, service providers, and others.

Register for a free ORCID ID and receive a persistent identifier – an ORCID ID – that distinguishes you from other researchers and serves as a mechanism for aggregating your research outputs and activities. Publishers, funders, and repositories often integrate ORCID IDs into their submission systems to enable a connection between a digital product and its author(s).

ORCID IDs may also be integrated with other research services workflows. At MSU, [Digital Measures](#) and [Scholars Junction](#) (MSU's institutional repository) have incorporated these identifiers to facilitate citation data sharing among and between these systems.

### For More Information

Watch the following and other informative videos, including tutorials, produced by [ORCID on Vimeo](#).

[Read our FAQs.](#)

[Get step-by-step instructions on importing your ORCID data into Digital Measures.](#)



Connecting Research and Researchers

[CREATE YOUR ORCID ID](#)



<http://library.msstate.edu/scholcomm/>

# DISTINGUISH YOURSELF



Register with ORCID for a unique identifier that distinguishes you from every other researcher and scholar and supports automated linkages among all your professional activities.

An ORCID iD (or ORCID) is a unique 16-character identifier that's assigned to you when you register. Registration is free and your ORCID is portable—it's not affiliated with any institution.

Use your ORCID when submitting:

- a manuscript to a publisher,
- a grant proposal to a funder, or
- a dataset or publication to your institutional or another repository.

Populate your MSU Digital Measures account simply and efficiently by importing publication data from your ORCID record. Whenever there's an opportunity to link your works and scholarly activities, your ORCID iD saves you time!

To learn more about how ORCID can help you claim your scholarship and save time,  
visit [guides.library.msstate.edu/orcid](https://guides.library.msstate.edu/orcid)  
or contact a library consultant via [lib.msstate.edu/scholcomm](https://lib.msstate.edu/scholcomm).

## THREE EASY STEPS

1

Register for an ORCID iD

2

Connect your iD to your work

3

Use your iD in grants,  
publications, datasets  
and more

[orcid.org](https://orcid.org)





Mississippi State University's Institutional Repository showcases MSU's scholarship, teaching, and history in a central and open archive.

Any MSU-affiliated faculty member, researcher, clinician, staff member, or student may submit their original material for inclusion in the Repository.

<http://ir.library.msstate.edu>



## WHY SHOULD I DEPOSIT MY WORK IN THE MSU IR?

Depositing your work in the MSU Institutional Repository benefits you, MSU, and the general public.

- Fulfill the requirements of your grant by ensuring free, open, perpetual access to your research.
- Store your teaching resources, such as syllabi, reading lists, and your own original open access articles and books, and distribute them to your classes and fellow educators.
- Enhance the visibility and reputation of your work and of MSU.
- Preserve your department's history by depositing organizational records, event brochures, faculty CVs, and more.





## WHAT CAN I SUBMIT TO THE IR?

### The IR accepts:

- Original, finished research articles, data, posters, presentations, recordings, etc. from MSU students, faculty, staff, researchers, and clinicians
- Materials related to the history and operation of Mississippi State University
- Materials intended and prepared for open access, distribution, and reuse

### We cannot accept:

- Data containing sensitive or personally identifiable information
- Materials for which you do not own the copyright and do not have the copyright owner's permission to deposit



## HOW CAN I SUBMIT MY WORK?

- Submit single or small items (*i.e., article, photo, spreadsheet, etc.*) via the easy-to-use web interface.
- Simply create an account (*click the Register link in the sidebar and enter your [NetID]@msstate.edu email and NetPassword*), log in, click Submissions, and begin.
- See a step-by-step guide at [guides.library.msstate.edu/ir/deposit](https://guides.library.msstate.edu/ir/deposit).

# Research Development

Presenting yourself  
- and your leveraged capacity –  
to potential funders

- SciENCv & Personnel Documents
- Capacity and Resource



## Your “Personnel” Documents

- **Biosketches** (common headers – preparation, appointments, products, activities, personal statement)
- **Current and Pending Support/other support** – the proposal being submitted **MUST** be included and noted; used to identify your ability to commit adequate time
- **Collaborators and Affiliations/COI** – mainly used to identify potential conflicts of interest – usually requests names of co-authors, advisors, co-editors, advisees, “other”

*\*another GREAT reason to stay up to date and tell your story in Digital Measures AND/OR ORCID.....populates these and they are now allowable and encouraged by most funders!*

# Preparing “Personnel” Documents

- Most agencies have a preferred format or specific form for each type
  - NSF has new formats (fillable forms) for biosketches and Current and Pending Support docs. OR you can use SciENCv
  - For all “Forms” be sure you are using the most current/rfp-specific version...if you aren't sure, please ask!
  - Bios should be PROJECT-specific
- Federal Demonstration Partnership (FDP) advocated successfully to have these processes streamlined
- You have a choice, but we STRONGLY encourage using SciENCv.

## IF you decide to use Agency-specific forms:

- Use of an NSF-approved format is effect for new proposals submitted or due on or after **October 5, 2020**.
- NSF has more info here: [biographical sketch](#); [current and pending support](#); [FAQs related to current and pending support](#) NSF recorded a [webinar on the use of the NSF-approved formats](#).
- Prepare for “glitches”; ex: *the NSF fillable form has huge boxes for professional preparation and appointments taking the entire first page of the biosktech, leaving very small boxes for the products and synergistic activities; NSF C&P form generates extra blank pages that show up in the final package.*
- NIH -tied to MyNCBI (National Center for Biotechnology Information (PubMed; bibliography feature which is plugged into PubMed and eRA Commons for compliance with open access policies.
- Other - Other funders will sometimes say use an “NIH-style” bio, which means < 5 pages with the standard headers.
- BUT.....we STRONGLY encourage the move to SciENcv.....

1. \*Project/Proposal Title :

\*Status of Support :  Current  Pending  Submission Planned  Transfer of Support

Proposal/Award Number (if available):

\*Source of Support:

\*Primary Place of Performance :

Project/Proposal Start Date (MM/YYYY) (if available) :

Project/Proposal End Date (MM/YYYY) (if available) :

\*Total Award Amount (including Indirect Costs): \$

\*Person-Month(s) (or Partial Person-Months) Per Year Committed to the Project

*Year (YYYY)	*Person Months (##.##)	Year (YYYY)	Person Months (##.##)
1.		4.	
2.		5.	
3.			

# Science Experts Network Curriculum Vitae

- electronic system for assembling the professional information needed for participation in federally funded research
- gathers and compiles information on expertise, employment, education and professional accomplishments
- Researchers can use SciENCv to create and maintain biosketches that are submitted with grant applications and annual reports. (allows for multiple “versions”\*)
- **allows researchers to describe and highlight their scientific contributions in their own words.**
- A warning.....updates are ongoing.

## Principles of SciENCv

- Any researcher may register
- Leverages data from existing systems
- Data are owned by the researcher
- Researcher controls what data are public
- Researcher edits and maintains information
- Researcher provides own data to describe research outcomes
- Researcher has ultimate control over data in biosketch



## Tutorials for

- creating your docs
- integrating with ORCID/DM
- NSF forms
- using bibliography feature and data via PubMed

**Most importantly, it is an APPROVED format for most federal funders!  
(managed by NSTC interagency workgroup)**

# Presenting Your/Our Capacity

- Should ALWAYS be project-specific
- Facilities and other resources:
  - physical (lab, clinical, classroom), technologies, human resources (partnerships, advisory, non-funded personnel)
- Equipment:
  - actual equipment
- The research environment:
  - administrative and management support infrastructure; physical facilities, new or planned investments/identification of strategic priorities/focus on training demonstrated through programs/initiatives/REUs/diversity initiatives, etc.
- Evidence of partnerships:
  - existing formal research agreements/previous collaboration
- Organizational experience/history:
  - results or success managing similar projects (similar scope/location/target population)



# A note about Data Resources

- Data is needed to prove a problem exists and its extent and to demonstrate our/your experience and capacity. Depending on your project, you may need data outside of your discipline. Some sources to consider are right here at MSU and at your fingertips.
- Example: If you were proposing to host a scholarship project for undergraduate students, you must demonstrate that MSU students have financial need
  - First-generation/low-income students
  - Poverty rates in primary target area
  - Unemployment
  - Costs of attendance (comparison data?)
  - Borrowing rates
  - Percent of students receiving aid

# Data Sources

- MSU Sources:
  - Service Centers, colleges, and departments
  - Office of Research and its subunits (info on existing/previous projects)
  - Office of Institutional Research & Effectiveness
  - Library (Scopus and DMP tool)
  - Institutional publications
- Other
  - IPEDS (integrated postsecondary data system from USDE) <https://nces.ed.gov/ipeds/>
  - Mississippi Department of Education <http://reports.mde.k12.ms.us/>
  - GRC
  - AGENCIES!!!!

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*Starkville Community*  
*design* **Research**  
*architecture economics*  
**Student Life** *music*  
*chemistry veterinary*  
*landscape geography*  
*alumni* **Technology**  
*mathematics*  
*foreign language*  
*aerospace*  
**Information** *biology*

# Institutional Resources



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- **Office of Institutional Research and Effectiveness**

<https://ir.msstate.edu/>

- Institutional data (student, faculty, degree program, etc.)
- IHL Reports
- Accreditation information
- Digital Measures support

- **MSU Library**

<http://lib.msstate.edu/>

- Faculty and Instructors tab
- Specialized research librarians
- Help with dissertations, bibliographies, references, etc...
- Full workshop calendar:

<http://msstate.libcal.com/calendar/events/?cid=1645&t=m&d=0000-00-00&cal=1645&ct=27072>

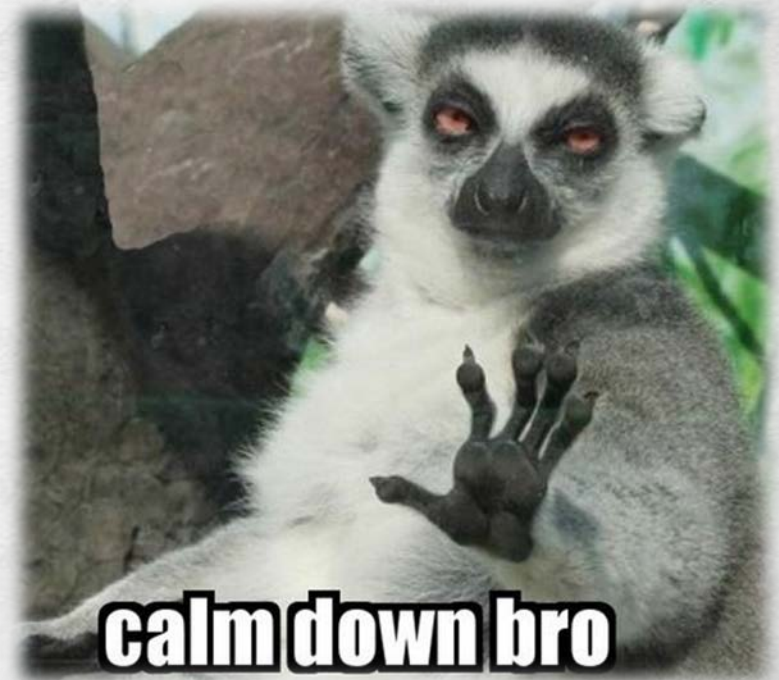
- **Office of Research and Economic Development & ORD**

<https://www.research.msstate.edu/rresources/> & [www.ord.msstate.edu](http://www.ord.msstate.edu)

- Research Seminar Series
- Announcements and e-newsletters (sponsors, articles)
- Research Policies
- Guidance and template assistance

# Overwhelmed???

- ✓ find out what your dept/college expectations/policies are for using DM
- ✓ when needing data sources, start early
- ✓ request capacity info from partners and OSP early
- ✓ Prep bio doc templates/know what format potential funders require(find out if you have support for this)



# We'd love to hear from you!



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