



# PIDS ACROSS DISCIPLINES, PERSPECTIVES FROM THE UNIVERSITY OF ROCHESTER

2024 FAIR Facilities & Instruments Workshop

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# Introduction

- Role as Reproducibility Librarian
- Special thanks to Daniel Castillo & Lara Nicosia for their input!

Plan for today:

1

Use cases where PIDs for instruments **will** be useful

2

Ideas where PIDs **may** be useful



# STEM Example

- Visiting Researchers at a DOE Laser Lab affiliated with the university

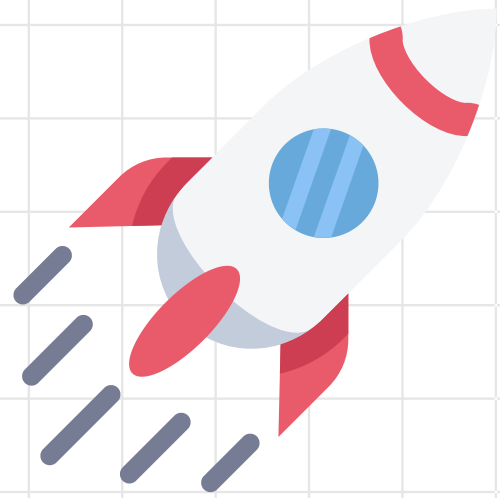
Relevant Persistent Identifiers:

- ORCIDs for individuals
- ROR or Ringgold for institution

💡 Can use identifiers for monitoring equipment use, linked to individual IDs.



# Some Benefits



Boost reproducibility through more transparency in the process/ methodology

Boost rankings - Potentially combine with Contributor Role Taxonomy, or CRediT

# Shared Labs

*“The Center for Advanced Research Technologies (CART) is a collection of core facilities within URMC that share resources and expertise with our 3,000+ researchers and 500+ labs, and with principal investigators both inside and outside of the University of Rochester Medical Center.”*

➔ Use RRIDs for instruments and laboratories

💡 Can connect to Inventory management systems, such as LabArchives.



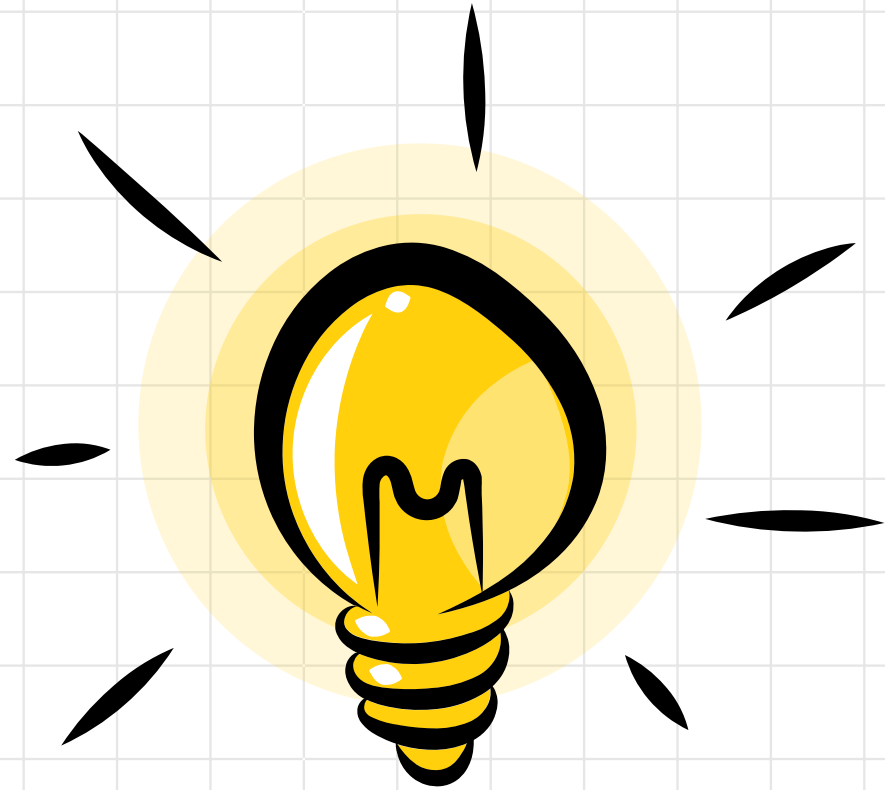


# Humanities

- Approaching History as “Humanistic Social Sciences”
- History is more **evidence-based** than data. Mostly support in organizing, documentation, file naming conventions, etc.



💡 PIDs for instruments can be a source of data.

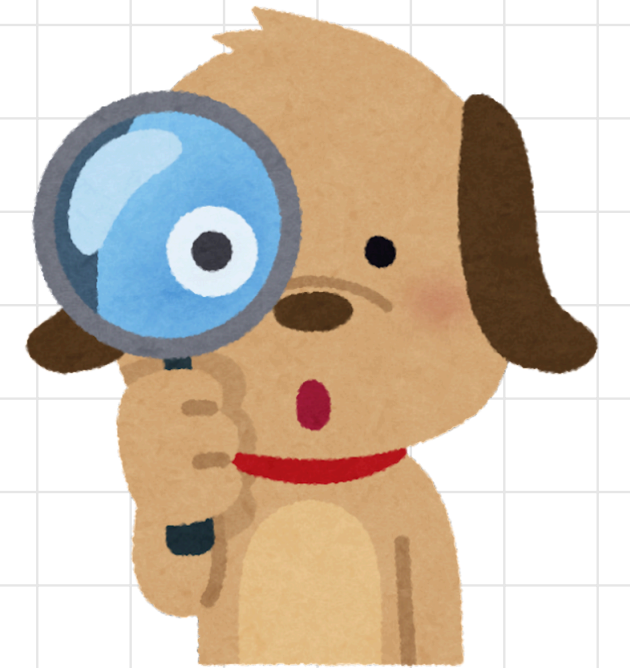


# Theme

PIDs for Evidence Gathering Tools

# Instances of Tools

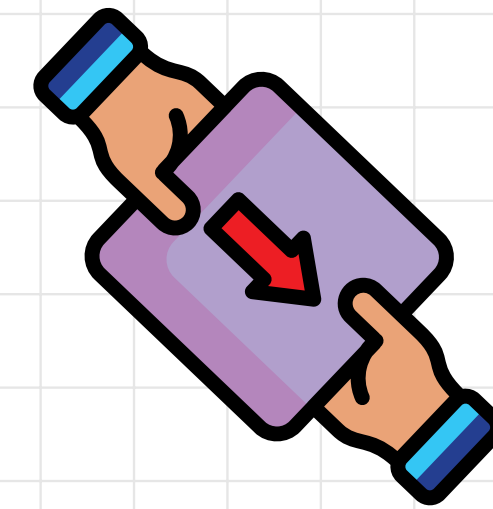
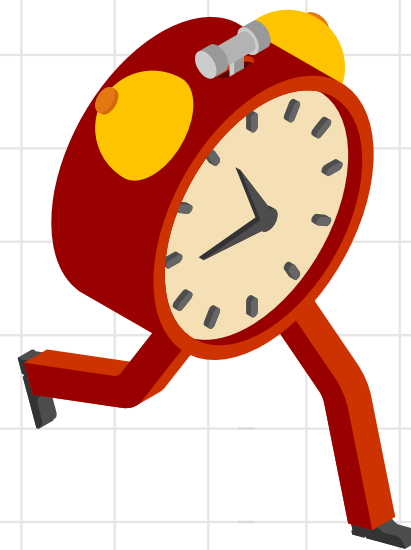
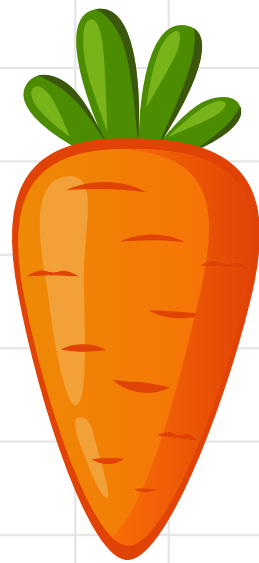
- Equipment used for taking pictures
  - Cameras, cell phones, scanners
- Photogrammetry (applicable across disciplines)
  - History, Archaeology, Ophthalmology, and more



Consistency in collection processes to help ensure similar inferences/conclusions



# Challenges



Motivation:  
What's the carrot (or stick)?

Lack of time

Accountability



**Thank you!**