

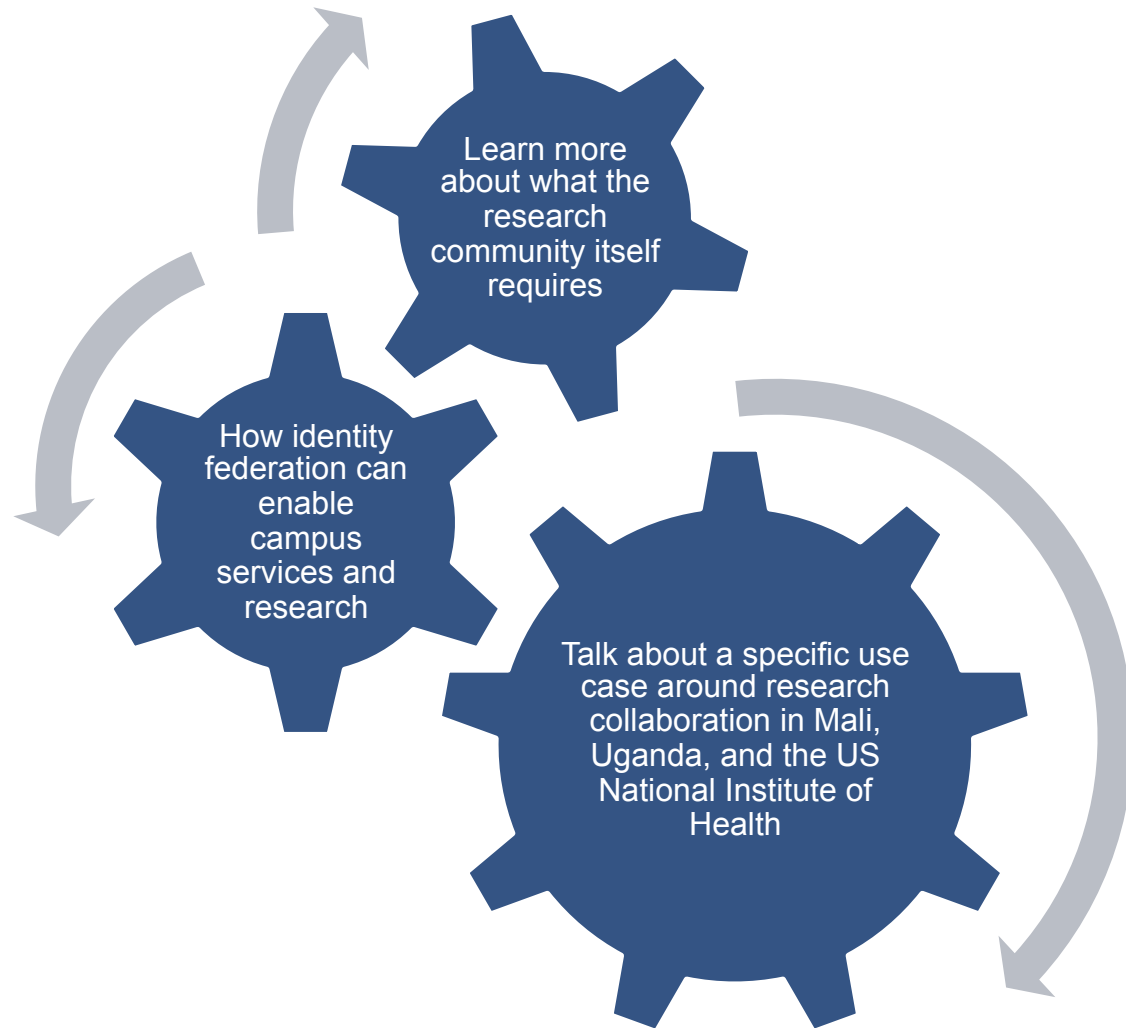
# RESEARCH AND COLLABORATIONS

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# Learning Objectives



# Virtual Organization and Research Groups

- The “Buried Scholar” problem
  - Improve the reputation of both the campus and the researcher by having a campus-branded identity
    - Some regions start with having a regionally branded identity, pooling the resources to focus on SSO first, and site-specific support later
  - More efficiently allocate resources by having federated identity as a campus or NREN-based service, rather than having individual research departments build this on their own
- Global science and research opportunities
  - Scientists can more easily participate in global collaboration when the collaborations do not have to set up individual accounts

# Research on Researcher Needs

- Original FIM4R paper in 2012 described a set of recommendations to the research communities, technology providers, and funding agencies
  - The core use cases came from large research organizations with funding
- The “Advancing Technologies and Federated Communities”, also in 2012, described a set of recommendations around technology, policy, funding, and legal issues.
  - A more generalized approach than the FIM paper, but the recommendations are largely the same

<https://cdsweb.cern.ch/record/1442597>

<https://www.terena.org/publications/files/2012-AAA-Study-report-final.pdf>

# FIM4R Findings Summarized

- Federated technologies are good. Take advantage of them.
- The infrastructure needs to be improved to take advantage of federated technologies. Do it.
- Relying on the older models of local account creation and IP-based ACLs is easier. This is a very limited view. Stop it.
- If you can't fix it all yourself (and you can't), facilitate the efforts of groups that can. Build relationships, target your spending or funding to make the biggest impact.