IU Research Data Commons Spring 2025 Webinar Series *Presents:*

"Finding IT Support for your Research Data Needs"



INDIANA UNIVERSITY RESEARCH

RESEARCH DATA COMMONS

Meet the Panelists



Robert Henschel
Systems Analyst,
Research Partnerships
UITS Research,
Technologies





Charles McClary
Systems
Programer/Analysis
Leader, Advanced
Cyberinfrastructure,
UITS Research
Technologies



Abhinav Thota
Systems
Programer/Analysis
Leader, Research
Software and Solutions,
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Esen Tuna
Systems
Programer/Analysis
Leader, Visualization
and Data Lab, UITS
Research Technologies

UITS Computing Services & Support

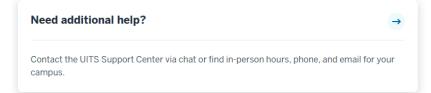
- Help Desk
- <u>IUWare</u>
- ServiceNow knowledge base
- UITS IT Training



Common IT questions

The most frequently asked questions about IT at IU.

How do I reset my passphrase?	+
Where can I get help with Two-Step Login (Duo)?	+
How do I access my IU email?	+
How do I troubleshoot Canvas issues?	+
How do I connect my computer or phone to Wi-Fi at IU?	+
How do I connect my gaming console/smart TV in my residence hall?	+
Where can I store my files?	+
What software does IU offer?	+



UITS Computing Services & Support

- Help Desk
- **IUWare**
- ServiceNow knowledge base
- UITS IT Training





Software

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FEATURED SOFTWARE





Academic Resources

Accessibility

Analysis & Modeling

Databases

Design & Production

Development Tools

Multimedia

Network & Printing

Office Tools

Operating Systems

Security

Utilities

PUBLISHED APPLICATIONS

IUanyWare

STC - Windows

IT TRAINING

UITS IT Training
All Self-Study Options

Office 365

Word, Excel, PowerPoint and more.

Creative Cloud

For all things Adobe!

IU Print BYOD Packages

Print to any campus printer from any device.

ChemOffice Professional

The only Research Suite you'll need. From drawing reactions, to processing instrument data, to structuring experimental data. ChemOffice
Professional has you

LATEST UPDATES

covered.

01/30/2025 - Denodo Platform

01/28/2025 - ArcGIS Pro 3.4

01/10/2025 - EndNote 21

12/17/2024 - Ivanti Secure Access Client (Replacing Pulse Secure)

10/29/2024 - Mathematica 2024 09/23/2024 - oXygen XML Editor



Log in

UITS Computing Services & Support

- Help Desk
- **IUWare**
- **ServiceNow Knowledge Base**
- **UITS IT Training**



Find answers about IT at IU

Search the Knowledge Base

Q

Search

Log in to find more articles →



Featured articles

- · Log into the IU Knowledge Base (KB)
- Use the new ServiceNow IU Knowledge Base



Get help with IT

- · Contact your campus support center
- ITHelpLive
- AskIU
- Status.IU
- Assistive technology services
- · Research technology support
- More help options with IT

UITS Computing Services & Support

- Help Desk
- <u>IUWare</u>
- ServiceNow
 Knowledge Base
- UITS IT Training



Explore Topics

Request a Session

(primarily for IT Pros)

Earn Credentials
Humanities and
Creative
Activities

These seminars introduce humanities and creative practitioners to IU services available to them. *View the archived presentations via YouTube.*

View Partners (

Online resources to learn about Sharepoint

SIS Training Resources

Access job aids and tutorials for Student Information Services tasks

Spreadsheets: Using the VLOOKUP Function

Explore how to use VLOOKUP in Microsoft Excel and Google Sheets

SQL: Advanced Data Retrieval and Data Modification

Building on what was covered in SQL: Data Retrieval, this title is intended for anyone wants to learn how to use SQL to add, update, and delete data.

SQL: Data Retrieval

SQL (Structured Query Language) is the standard programming language used for querying databases and answering questions about the data in databases.

Statistical and Numerical Software for HPC

Learn about SAS, R, and Matlab on HPC systems, including functions, submitting jobs, and setting environmental variables for performance boosts.

Storage 101: Storage Options for Research Computing

This workshop introduces IU faculty, staff, and students to high performance storage options including Slate, Geode, and the Scholarly Data Archive.

Storage 201: Data Management and Administration

This intermediate-level workshop is for power users, lab Pls, and

Storage for High Performance Computing

Learn the basics of using storage on IU's supercomputing systems, including data

Storage Options and Data Management Best Practices

This workshop introduces IU faculty,

Training Opportunities

- IT Training
- IU Expand Training
- Calendars of Live Events
 - UITS Calendar
 - Research Software Solutions Calendar



UITS Getting Started Tech Guides

Guides for everyone at IU



Collaborators

Get information on on technology resources for IU collaborators.



Students

Find technology info and tips for students.



Staff

Get information on technology resources for IU staff members.



Faculty

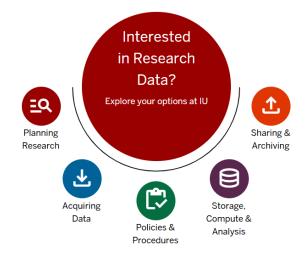
Access the Faculty Technology Guide and get information on UITS resources for IU faculty members.



IU Research Data Commons

researchdata.iu.edu

The mission of the IU Research Data Commons is to support production, sharing, and collaboration around research data infrastructure across Indiana University.





Tools to Support Research Data

Research Database Support

RDC - ResearchDatabaseComplex

Sharing of Large Research Data

- SDS ScholarlyData Share
- ISDP IndianaSpatial Data Portal

Specialized Data Services

- RADaRS Restricted Access
 Data Remote
 Service
- ATS AutomatedTranscriptionService



Storage: Options, Support, & Tools

- Research storage options
- Storage Finder tool
- Data movement: Globus

Do you need to use High Performance Computing resources to analyze any of	Choose the data storage	g
he data?	Scholarly	
) Yes	Data	
O No	Archive (SDA)	
2. Do you need to provide access to		
collaborators outside IU?	Tape-based	
Yes	(slow) archive for	
	long term	
O No	storage.	
3. What is the highest classification of		
our data? 📵		
Non Critical	☐ Slate-	
Critical - HIPAA-Regulated PHI	Scratch	
Critical - other than PHI	Temporary large	
1. What kind of data do you have?	storage (data is	
Archival/Infrequently used	deleted after 30	
Archival/lillequently used	days).	



High-Performance Computing Access

- Getting Started with HPC
- Research Desktop
- Quartz
- Big Red 200
- RT Projects





Leveraging IU Resources in Labs & Classrooms

ACI Student Fellows Program:

(Website currently shows last year's version)

- Will run again
- Applications open August 2025

ACI Curriculum Fellows Program:

(Website currently shows last year's version)

- Will run again
- Applications open November 2025



How to Find Individual Support

- Research Applications weekly office hours (Wednesdays at 2pm)
- Can also meet with faculty 1:1
- Contact form to access services



How to Find Resources, Events, & Trainings

- Getting started on HPC and Storage
- Research Software Solutions
 Event Calendar
- UITS IT Training



Monday, February 24

Practical Coding for Researchers: Session 2

9:00 a.m. - 12:00 p.m.

Global and International Studies Building [map]

Enhance your development expertise with two interactive workshops tailored for graduate students eager to refine their coding skills and workflows.

Thursday, March 6

Getting Started with Jetstream2

■ 2:00 p.m. - 3:30 p.m.

This virtual workshop is for any US-based researcher or educator, regardless of previous cloud computing experience. If you're new to Jetstream2 or just interested in learning about our resources, this is a great place to start.

Introduction to Deep Learning

■ 2:00 p.m. - 4:00 p.m.

This workshop introduces IU faculty, staff, and students to Deep Learning on the resources UITS Research Technologies (RT) makes available to them at IU, namely the Big Red 200 supercomputer.

Questions?

Follow-up Questions? Here's our contact information:

Research Data Commons: <u>iurdc@iu.edu</u>

UITS Research Technologies: https://go.iu.edu/rthelp

