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THE UNIVERSITY OF ARIZONA



RESEARCH, INNOVATION & IMPACT
Data Science Institute



December 2022

Data Science Institute

Data Science Fellows and Roots For Resilience

The Data Science Institute supports the [Data Science Fellows](#) and the [Roots for Resilience](#) programs as their cohorts continue to make an impact across UArizona. The CyVerse 10-week Foundational Open Science Skills (FOSS) training will continue for each program.

- **Data Science Fellows [applications](#)** are being accepted now. The next cohort will begin January 17, 2023. Additional updates can be found on the [Data Science Fellows website](#).
- The next cohort for **Roots for Resilience** will begin Fall 2023.





Do you Data Science in the Phoenix area?

Consider joining a meeting or the Slack channel, #ua-phoenix-data-science. The channel is open to the data science community in the Phoenix area, especially those associated with the Phoenix Bioscience core. The schedule of hybrid meetings will be announced soon. Help spread the word to build a thriving and engaging data science community in the Phoenix area. Connect with soon graduating but still involved Data Science Fellow, [Luisa Maria Rojas](#), if you have questions.



2023 NIH Data Management and Sharing Policy

Keep up-to-date with the 2023 NIH Data Management and Sharing Policy. Visit the [UA Libraries Data Cooperative](#) site to stay informed about updates and to find links to appropriate info and resources.



Looking forward to the next The Data Drip!

Of course, we will keep you up-to-date with any late breaking UArizona data science news. However, the next The Data Drip will hit your inbox in February 2023. Please [email](#) to let the Data Science Institute know what is happening in your part of the data science community that you want to share with our readers. Let your friends know to [subscribe to The Data Drip](#).

ANNOUNCEMENTS

WiDS - Datathon and Conference

- [Register](#) for the WiDS-Tucson Datathon to be held Friday, January 27, 2023.
- **Save the Date** for the WiDS-Tucson Conference scheduled for Friday, April 21, 2023.



It's back...Industry Careers in Data Science series!

February 1 begins the highly anticipated DSI speaker series that highlights data science skills and backgrounds needed to be successful and how to apply for jobs, pursue data science careers, or establish new industry relationships. Join [Greg Chism](#) as he hosts speakers who will start conversations between the attendees and speakers to foster local workforce development with UArizona graduates and students.

INDUSTRY CAREERS
IN DATA SCIENCE

Shiny Conference, March 15-17

[Registration](#) is open for the ShinyConf2023. It's free and virtual on March 15-17, 2023.



DSI badge pilot - Git Version Control

In the Spring 2023 semester, the Data Science Institute will pilot a "Data Science Intro to Version Control with Git" badge that will include OpenClass assessments. Want to know more? [Email](#) DSI.





Congratulations Graduates!

The Data Science Institute wishes each and every graduate the very best in their future endeavors! DSI wants to extend a **super congratulations** to those at the Data Science Institute who earned their degrees in 2022:

- Greg Chism, Ph.D., Entomology and Insect Science
- Heidi Steiner, Ph.D., Clinical Translational Sciences with a minor in Biostatistics
- Michelle Yung, M.S., Information Science
- Artin Majdi, Ph.D., Electrical Engineering





Engaging discussion on research focus areas at the R4R cohort meeting November 1, 2022





Happy Holidays!

Share with the UArizona data science community

- Visit the Data Science Institute website to review open UArizona and CyVerse data science [positions](#). If you have an open UArizona data science position that you want posted on the website, [email](#) DSI.
- Do you have UArizona news, events, or info that you want to share with the data science community? DSI can add it to the DSI [calendar](#) and/or share it in [The Data Drip](#).
- Join the weekly [Coffee & Code](#), [Hacky Hour](#), and [Code Commons](#) meetings and events that are open to all and are great opportunities to network!

[Email the Data Science Institute](#)

CALENDAR OF ACTIVITY

JAN-MAY
Weekly

Drop-in Hours return next semester

The Data Science Institute Data Science Drop-In Hours return next semester with the DSI educators. However, the specific hours and dates have not been decided. Virtual, in-person, or hybrid - TBD. No worries, we will let you know what's been decided.

JAN
9

[Exploratory Data Analysis in R - Bring your own data!](#)

In this bi-weekly consultation session, attendees can bring their exploratory data analysis questions which can range or be general questions about data analysis and visualization in R.

JAN
11

[Introduction to R for Reproducible Analysis](#)

The goal of this three-part lesson is to teach novice programmers to use R for data analysis. This workshop will focus on teaching the

fundamentals of the programming language R and will not teach statistical analysis.

JAN
16

[Exploratory Data Analysis in R - Diagnosing like a Data Doctor](#)

In this workshop attendees will diagnose and uncover issues in columns from a data frame using the dlookr package in the R programming language and RStudio.

JAN
23

[Exploratory Data Analysis in R - Bring your own data!](#)

In this bi-weekly consultation session, attendees can bring their exploratory data analysis questions which can range or be general questions about data analysis and visualization in R.

JAN
30

[Exploratory Data Analysis in R - Exploring like a Data Adventurer](#)

Exploring distributions and summary statistics from your data is necessary to uncover whether it's ready for analysis or requires further attention. In this workshop attendees will examine distributions and relationships from a data set using the dlookr package in the R programming language.

FEB
01

[Industry Careers in Data Science Speaker Series - February](#)

First in the DSI speaker series that highlights data science skills and backgrounds needed to be successful and how to apply for jobs, pursue data science careers, or establish new industry relationships.

JAN-MAY
1-31

[View the data science calendar of activities](#)

Check out what's happening with data science across the UArizona campus. Want to add something to the calendar? Let us know by completing this short **[form](#)**.

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Land Acknowledgment

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.