



Well, the semester is coming to an end. Thank you for all your diligence in wrapping things up. Please note that the final grades are due by noon on Monday, December 19th. Please make sure you enter your grades by then. Our leadership is paying particular attention to this as completed student credit hours are how we are funded by the State, and this year we are down in the number of students, so want to make sure we get credit for the course students complete.

The Faculty Meeting is on Reading Day, December 8th, from 2:15 pm - 3:15 pm. We've tried to dodge all other college events. We also have an industry advisory board meeting shortly after the faculty meeting, so if you would like to meet our industry partners, this is a great chance to do so. We'll have a reception for everyone from 5:00 pm -6:00 pm. This is in Colvard 1040 near the School's offices. I hope you are able to make it.

Do you have an event or story idea to share with the SDS community? As always, please submit ideas to [Lindsay Lennon](#), SDS Communications and Events Manager.



## Call for Proposals: Summer Seed Grants

The data science seed grant is now accepting proposals for summer 2023. The grants are designed to support cross-disciplinary research projects, hoping to fuel the collaborative spirit that already exists within the field of data science. This initiative annually awards more than \$120,000 to UNC Charlotte and partnering faculty and researchers.

**[APPLY NOW](#)**

## Outstanding Data Science Faculty Research Award

Applications are now open! This annual faculty research award is aimed to recognize significant achievements in data science research of a core or an affiliate faculty member of the School of Data Science in the calendar year 2022. The award's winner will receive a one-time \$2,000 research stipend that can be used to cover any research-related expenses, such as conference travel, data and software purchase, and compensation for study participants.

Application Deadline: **February 15, 2023.**

**[MORE INFO](#)**

## New Library Database: LandScan Global

The campus library now offers LandScan Global, a database that includes historical global population datasets from 2000-2020. This is valuable for analyzing population trends and demographic changes.

Please note: To access this resource off-campus, you must be connected to the UNCC VPN. Data from 2021 is free!

**[FAQ How to Connect](#)**

## Major Faculty Research Areas in SDS

Six major research areas have been compiled with examples of

grants/projects, sample publications, and any faculty currently working on those specific topics. Please refer to this list of research areas as inspiration for collaborative projects.

## RESEARCH LIST

### Last Call for Summer School

Are you interested in teaching a summer course- for 5 or 10 weeks? We are currently building the summer SDS schedule. Whether an existing DSBA, HCIP, or DTSC class or a new special topics course, please reach out to [Josh Hertel](#) with suggestions or questions.



### SDS Advisory Board Meeting: December 8th

The School of Data Science will host its December board meeting in person on the main campus in Colvard South, Room 1040. Faculty and students are invited to attend an open reception directly after the board meeting from 5:00-6:00 pm. **This is a great networking opportunity!**

### SDS Faculty Meeting: December 8th

We have scheduled the next SDS Faculty meeting for December 8th (*Reading Day*) in Colvard 1040. Please join us for updates on the curriculum, degree proposals, and the next round of SDS Seed Grants. We want to invite faculty to stay for a reception with the Industry Advisory Board afterward. Refreshments will be served.

### Barnes and Noble 30% Off for Faculty & Staff: December 8th



## Council on Undergraduate Research Dialogues 2023

The Council of Undergraduate Research ([CUR](#)) is holding its CUR Dialogues on February 14-17th, 2023, which offers support when developing program initiatives that call for future funding. There are both standard and guided options available to purchase. Early bird pricing ends on 12/31/2022!

[REGISTER  
HERE](#)

## Big Data Health Science Case Competition

February 3-5, 2023  
(virtually)

The Big Data Case Competition is intended to provide enthusiastic teams of graduate and senior undergraduate students with the opportunity to apply their knowledge to analyzing big datasets in healthcare. Students will compete in teams to solve an issue in healthcare using big data analytics for a chance to win cash prizes!



# BIG DATA HEALTH SCIENCE

## Student Case Competition

February 3-5, 2023

[LEARN MORE](#)

### Important Dates

- **December 7th:** Spring Tuition Payment Due
- **December 8th:** Reading Day
- **December 8th:** SDS Advisory Board Meeting
- **December 8th:** SDS Faculty Meeting
- **December 9th:** Final Examinations Start
- **December 16th-17th:** Fall 2022 Graduation
- **January 9th, 2023:** Spring 2023 Semester Begins



### Technology Development & Proof of Concept Fund

Research and Economic Development, through the Office of Research Commercialization and Development, offers proof-of-concept grants for up to \$10,000 to support product development and initial testing of new university-owned innovations and technologies with strong commercial potential. Through this program, the university hopes to fill a critical funding gap along the innovation continuum and red[uce some of the barriers associated with licensing and commercialization by adding significant value to early-stage innovations. The Technology Development and Proof-of-Concept Fund is managed by UNC Charlotte's Office of Research Commercialization and Development.

Questions regarding the program should be directed [here](#).

**MORE INFORMATION**

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A graphic with a light, textured background. The word "Student" is written in a large, dark green, cursive font. Below it, the word "RESOURCES" is written in a smaller, gold, all-caps, sans-serif font.

# Student RESOURCES

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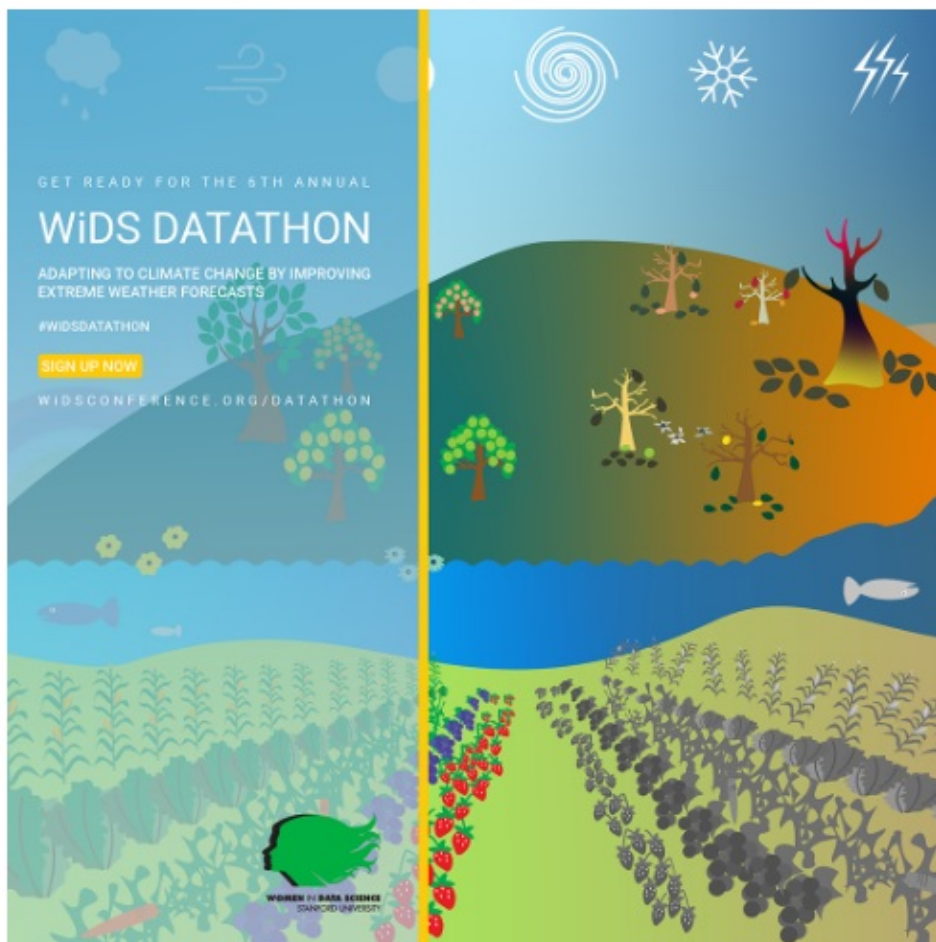
## **Spring 2023 SDS Seminars Moving to Mondays?**

This spring, we are shifting the regular SDS professional seminars from Tuesdays to Mondays. The first session is on Monday, January 23rd, at 4:00 pm in the Center City Building. The Monday seminars run from 4:00-5:00 pm and feature guest speakers from the data science and health analytics industries who provide real-world insights and perspectives on various career paths. Please encourage your students to attend. These seminars are great for students to engage, learn, and build their professional networks!

The full schedule with registration links is on our [events](#) page.

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## **Announcing the 6th Annual WiDS Datathon 2023 Challenge**



Looking for a real-world challenge for your students? Encourage them to sign up for the [2023 Women in Data Science Datathon](#). In this year's datathon challenges, participants will use data science to improve longer-range weather forecasts to help people prepare and adapt to extreme weather events caused by climate change. The contest is open to all. [Sign up](#) now to participate.



## SDS Faculty Grant Awards

Grants have recently been awarded to some SDS Faculty members. Please spend some time looking through their recent research projects.

[MORE INFORMATION](#)

## **SOFWERX Event: January 18-20th**

SOFWERX AIM Micro Sensors Assessment Event will be held January 18-20, 2023, in Tampa, Florida. If you are interested in attending the event, click the button below for more information.

[MORE INFORMATION](#)

## **TechNet Fort Bragg Symposium & Exposition**

The TechNet Fort Bragg Symposium and Exposition will be held at the Iron Mike Conference Center in Fort Bragg, February 9-11, 2023. If you are interested in attending, click the button below for more information.

[MORE INFORMATION](#)

## **Big Data Quality Solution (DQS)**

The Defense Intelligence Agency (DIA) posted a request for information (RFI). DIA's Science & Technology Directorate (S&T) is seeking information from the industry to assist with developing and planning a Data Quality Solution (DQS). Responses are due by 12:00 p.m. Eastern on December 15.

[MORE INFORMATION](#)

## **CDC Announces New Center for Forecasting and Outbreak Analytics**

The Center will bring together next-generation public health data, expert disease modelers, public health emergency responders, and high-quality communications to meet decision-makers needs.

[MORE INFORMATION](#)

## **NSF Scholarships in Science, Technology, Education and Mathematics Program**

The National Science Foundation currently has a funding opportunity for low-income STEM students. Interested in submitting a proposal?



Email: [Dongsong Zhang](#).



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University of North Carolina at Charlotte | 9105 University Rd, Charlotte, NC 28223

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