



Well another semester is now in the books. While my last few weeks have been a bit crazy with a conference, grading, graduation, ..., it seems like we were almost a normal semester. Thanks for all you have done for SDS and the University. SDS continues to grow and change (I realize that isn't something said very often about a School). I'm excited about next year, but before that I'm looking forward to getting to activities I've put off due to other more urgent things and taking some vacation to see family and parts of the US I haven't seen before. I hope you have a productive summer as well as take some time to just relax. I'll be around most of June and the first part of July. My vacation is after that (although I'm never truly disconnected). Enjoy!

Doug



Fall Teaching Assistantships for SDS Courses

This week the first batch of emails went out to faculty teaching DSBA, HCIP, and DTSC courses this fall. SDS classes with 15 or more students are eligible for TA support. The increase in the Tuition Increments for the HIAN and DSBA programs enabled the SDS to increase base pay for our teaching assistants from \$5,400 to \$7,000 for the 2023-2024 academic year. SDS classes with 15 or more students are eligible for TA support (15-24 students = 10 hours a week/ 25+ = 20 hours a week). If you have questions about TA allocations for the SDS please reach out to [Joshua Hertel](#).

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](#)

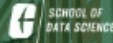
Major Faculty Research Areas in SDS

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](#)

SDS Python and R Bootcamps to be Discontinued this Summer

Based on faculty feedback the current Python and R bootcamps are scheduled to be discontinued at the Summer 2023 session. After review of the available resources in [DataCamp](#) the conclusion was that the modules available through the platform were superior. Later this summer we plan to publish short recommended modules for new undergraduate and graduate students. More information on how to access Datacamp can be found under the Faculty Resources section. Please email [Joshua Hertel](#) to share questions or comments.



MARK YOUR CALENDAR

Free Training: MASTERCLASS: USING PYTHON IN SNOWFLAKE VIA SNOWPARK

Thursday, June 1st from 12:00 pm – 1:30 pm ET | Virtual Session

What is Snowpark? One of the new features of Snowflake's managed service, Snowpark, allows data engineers, data scientists, and developers to code in their familiar language of choice (Python/Java/Scala) and execute pipelines, ML workflows & data apps faster & more securely - all in a single platform. This free training will be led by Snowflake experts. They will demonstrate how you and your teams can leverage the language of your choice to execute Data Engineering, Application, and Science/ML workloads. [Register Here.](#)

Save the Date: SDS Industry Advisory Board and Reception

Tuesday, June 20, 2023 | Dubois Center, 3:30- 5:00 pm, reception to follow

We will hold our summer board meeting in person at the Dubois Center, uptown. Faculty are invited to attend the meeting or to join us afterwards for a reception with board members and students.

State of Tech Exponential

June 12th-13th

We live in a world that's smarter, faster, and more innovative than ever and it is important to keep up with the advances in technology and how they are impacting our businesses, community and the world. [State of Tech Exponential](#) will give you a sneak peek at technology innovations and human capital trends that can influence your work and life. [Register Now!](#)



Fintech and Insurtech Generations 2023

Charlotte Convention Center | June 14-15, 2023C

Fintech and Insurtech Generations is one of the premier financial and insurance technology events in the U.S. Each year, this conference gathers the industries' top thought leaders, innovators, and entrepreneurs from around the world to discuss pressing topics and facilitate strategic networking among 1,000+ attendees.

[REGISTER](#)

2023 LIEAF Conference: Call for Participation Open

Submissions are now open for the 2023 LIEAF (Linking Informatics and Education Academic Forum) Conference, sponsored by the University of Chicago, that takes place in conjunction with the [AMIA 2023 Annual Symposium](#). Share your work based on these four informatics topics: Collaborations and Interprofessional Education, Curriculum and Program Management, Professional Development and Training, and Strategies for Teaching and Learning. [Submit by June 14.](#)

Summer 2023 SAS Educator Conference

SAS Academic Programs is hosting a [Summer 2023 SAS Educator Conference](#) at SAS Headquarters in Cary, NC on July 18th and 19th. This free event will be an opportunity to build community with other educators who teach SAS and gain insight into free SAS academic software, teaching and learning resources, workforce alignment, and academic innovation. We welcome both new and experienced SAS users.

**Journal of Biomedical Informatics call for papers
(From AMIA's SmartBrief)**

The Journal of Biomedical Informatics (JBI) is looking for submissions for their next Special Issue on Fairness and Inclusion in Biomedical Informatics Research: technical and social perspectives. **Submit your research papers, special communications, methodological reviews and commentaries** on how researchers can be more mindful and inclusive. Submission deadline: Oct. 1.

Important Dates

Find the full [SDS Calendar of Events](#) on the program website or add it to your google calendar [HERE](#).

- **May 22, 2023**: First Day of Classes - Summer School
- **May 23, 2023**: Last Day to Add or Drop a Class (First Summer Session)
- **May 29, 2023**: Memorial Day (No Classes)
- **June 28, 2023**: Last day to apply for Summer graduation
- **June 29 - July 4, 2023**: No Classes
- **July 6, 2023**: Last Day to Add or Drop a Class (Second Summer Session)
- **August 8, 2023**: Last Day of Classes



Research Datasets for Faculty and Students

Looking for demographic and census data? Look no further than the Atkins Library website. Reese Manceaux is a Data Librarian for UNC Charlotte. He has curated a **Statistical Data Resources** website available to faculty and students. His areas of specialty include Data, Earth Science, Geography, Music, and Urban Studies. Visit and explore today.



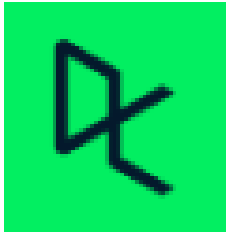
From THE CAREER CENTER CIRCULAR

The **Career Center's faculty and staff website** is filled with resources that you can utilize in your spaces.



Check out our Career Competency Integration, Classroom Support, Career Training, Employer Site Visits, Events, Experience Portal, Student Employment, and the University Professional Training Program.

Welcome to DataCamp!



The School of Data Science and the College of Computing and Informatics recently signed a trial agreement with **DataCamp**. All SDS students *actively* enrolled for spring and all SDS faculty should have received an email invitation to create a **free account** with the platform (or join UNCC's platform with their existing account). If you have not seen the invitation please check your spam folder! All SDS students have free access to learning resources on hundreds of topics in the field of data science. Please contact **Robert Fox** if you have questions about DataCamp.

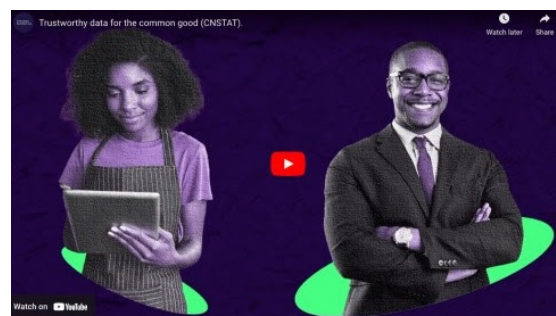
Hex Access for Faculty

Chase Romano from the company Snowflake has shared a guide on how to access Hex with your UNC Charlotte email address!

[VIEW SLIDES](#)

National Academies New Video: "Trustworthy Data for the Common Good"

The National Academies of Sciences, Engineering, and Medicine has released a [3 minute video](#) highlighting how people use data to make decisions at home, and in businesses, sources of data and the role of federal statistical agencies, efforts to use data responsibly, and more. This can be a great addition to your next class!



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 reduce 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

Data Science Resource Repository



The **Northeast Big Data Innovation Hub (NEBDHub)** is proud to announce the relaunch of the **Data Science Resource Repository (DSRR)** to include over 625 resources. The DSRR is a curated set of resources for data science learners, educators, researchers, and career explorers of all backgrounds and education levels. It is an open-access platform that leverages data science best practices and resources to broadly increase knowledge capacity. The NEBDHub encourages data science community members to submit favorite data science and STEM education and research materials to the DSRR in both **English** and **Spanish**.

Student

RESOURCES

Inclusive Data Hackathon

May 13, 2023 – June 16, 2023

The Inclusive Data Hackathon is a five-week virtual event organized by Digital Page, a 501(c)3 nonprofit organization based in Charlotte, NC, with a mission to change the face of the Technology and Design Industry while empowering the under-represented. Digital Page is teaming up with Capgemini, bringing a unique training-focused hackathon designed to give future leaders the edge needed to succeed in tomorrow's data-driven landscape. Learn from industry leaders, deep dive into the AI being used to solve business challenges, create & present your solution with guidance from the Capgemini team.



DIGITAL PAGE

REGISTER

2023 NC Public Health Data Summit and Hackathon

May 15-16, 2023 | Benton Convention Center, Winston-Salem

We are on a bold path forward to strengthen the NC public health data ecosystem – through connection, capacity, and clarity. Let's gather & help fuel the momentum to assure that North Carolina's Local Health Departments, and their stakeholders, have the data they need, when and how they need it, to drive improvement & support community-wide well-being. Who should attend: State and local public health leaders and staff, epidemiologists, programmers, qualitative researchers, data analysts, program evaluators, college and

university faculty and students, community-based organizations, state, and local leadership, or anyone who loves data, public health, and the intersection of the two! ([Draft Agenda](#)) Registration will be limited to 300 attendees, so don't wait, [register now!](#)

Wright Brothers Institute & The T-REX Innovation Center - GEOINT - Analysis of Cause for Human Displacement

The Wright Brothers Institute in Dayton OH, the T-REX Innovation Center in St. Louis MO, and in conjunction with Riverside Research, have partnered to bring real-world examples to a series of university challenges. These challenges will highlight what can be done with focused geospatial datasets to shed light on current world problems. The top 10% of submissions will also win from a prize pool of \$2,600! Reach out to [Isha Punjabi](#) with any questions.

FIND A
CHAPTER



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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