Updates from the Director

First let me start off by wishing you all the best of luck and success with your exams. We are at that special time of year when we are simultaneously saying goodbye to our graduating students and welcoming in the new cohort. It is a season of change and possibility! With that said, we have *a lot* of news for you in this edition of the student newsletter. We have last-minute additions to the spring schedule- an extra section of DSBA/HCIP 5122. The summer schedule will be available for viewing on Friday. In addition, we have announcements about the Women in Data Science Conference on March 8th.

Stay safe and warm, and have a restful holiday all.

-Josh

Student RESOURCES

Women in Data Science Conference: Registration Coming Soon!

Join us for the WiDS Conference on March 8th, 2023 (International Women's Day)! Kate Darling will be the keynote speaker. This free event focuses on educating current and future data scientists regardless of their gender, as well as supporting women in the field by providing training and networking opportunities. The conference will also feature a

Data Science Career Fair and networking reception. Mark your calendars - Registration will be open on January 13th!

CONFERENCE SITE

Graduation News

Congratulations on your upcoming GRADUATION! If you applied to graduate, here is what you need to know:

Undergraduate Ceremony: Friday, Dec. 16, 1:00 p.m.
Undergraduate Data Science students will walk with the College of Computing and Informatics. **Arrive 90 minutes prior to the ceremony start time** Line-up will take place in the practice gym. Graduating students must have a valid UNC Charlotte ID or a government-issued photo ID and their UNC Charlotte ID number to participate in commencement. Students should be wearing their full regalia to line-up.

Graduate Student Ceremony: Friday, Dec. 16, 6:00 p.m.
ALL graduate students attend the Graduate School Commencement on Friday, December 16th at 6:00 pm. Graduate students do NOT attend their individual college's ceremony. **Arrive 90 minutes prior to the ceremony start time.** Line-up will take place in the practice gym. Graduating students must have a valid UNC Charlotte ID or a government-issued photo ID and their UNC Charlotte ID number to participate in commencement. Students should be wearing their full regalia to line-up.

For more information please visit the**commencement website.**

SDS Graduate Student Virtual Orientation & Town Hall

Friday, January 6, 2023 @ 12:00 noon
Attention new and continuing students, please join us for the spring semester kick-off event. The SDS will host an orientation and town hall event on Friday, January 6th. This is an opportunity to meet the program Directors and SDS staff, network with your peers, and most importantly *ask questions!*

REGISTER TODAY

Scholarship Opportunities: Women's Transportation Seminar

WTS is an international professional organization dedicated to building the future of transportation through the global advancement of women. Each year the Charlotte Metro Chapter of WTS solicits applications for local and national scholarships. All scholarship applications, national or local, must go through a local chapter in order to be considered. In addition to the national scholarships, $3,000 in local scholarship funds are available. The WTS Charlotte Metro Chapter is currently seeking applications for the 2023 program. For more information, please visit the WTS Charlotte Metro Chapter website.

The deadline for receipt of applications by our local chapter is **December 28, 2022.** Applications for all WTS scholarships (national or local) can be downloaded at the link above.

APPLY NOW

Interview Prep Program
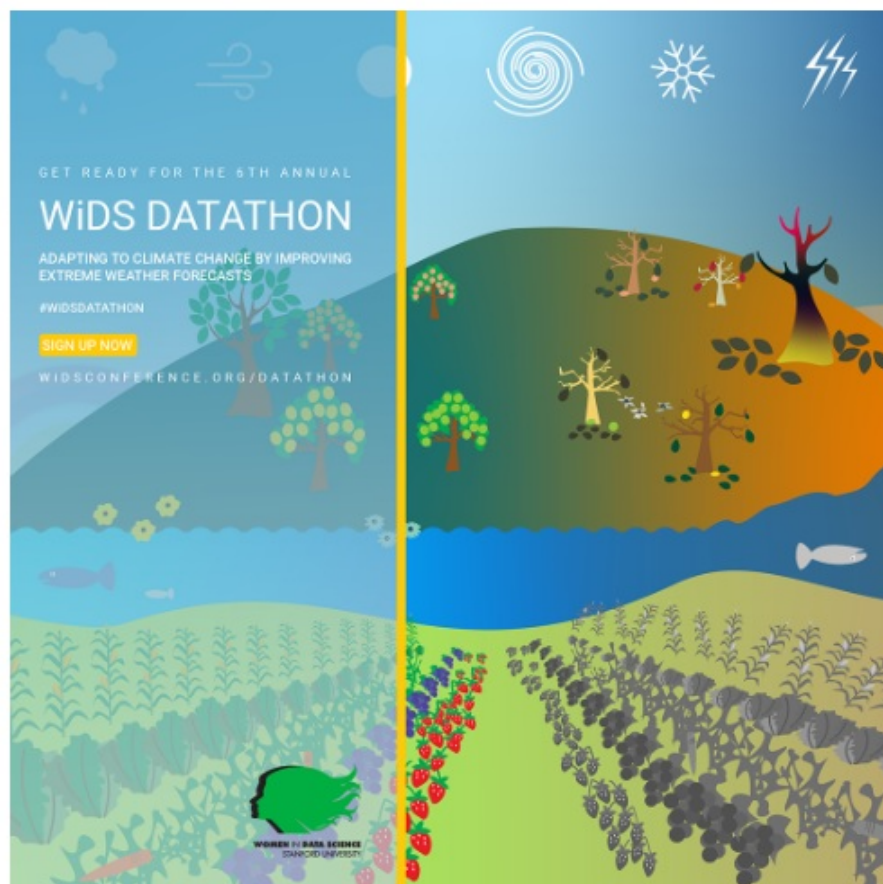
Schedule a **Practice Interview**

Utilize the **Big Interview** platform

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.

Announcing the 6th Annual
WiDS Datathon 2023 Challenge

Looking for a real-world challenge for your students?

Please 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.
You can sign up now to participate.

Coursera on Campus

UNC Charlotte is partnering with online open course provider Coursera to offer students free access to Grow with Google career certificates. Certificate programs in digital marketing and e-commerce, IT support, data analytics, project management, and UX design will be available to supplement coursework in academic programs as well as give Charlotte students a competitive workforce advantage.

Google Developer Student Clubs

GDSC are community groups for college and university students interested in Google developer technologies. By joining a GDSC, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their communities.

FIND A CHAPTER

NCHIMSS- Network Local!

Interested in health analytics and looking to grow your North Carolina professional network? Check out the North Carolina Chapter of the **Healthcare Information and Management Systems Society (HIMSS).**

Important
INFORMATION

Chancellor's and Dean's List

With grades for the fall 2022 semester posting on December 19th, here are some guidelines for achieving this goal.

- Chancellor's List requires a student to be a full-time student during the fall/spring semester, be enrolled in at least 12 credit hours, and obtain a grade point average of at least a 3.8 for that term in good academic standing.
- Dean's List recognizes students who have completed at least 12 credit hours for a fall/spring semester and have earned a grade point average of at least a 3.4 for the term in good academic standing.
- Share the list with family and friends through the **Niner Central page** that lists all students who are on Chancellor's or Dean's list each term.

DegreeWorks Audit: On Track to Graduate?

DegreeWorks is a web-based planning tool that accurately displays required coursework and helps students monitor their progress toward graduation. Students can access their real-time audit in DegreeWorks via **my.charlotte.edu** and should routinely check their progress toward degree completion.

For any required courses that are in the "Fall Through" or "Not Counted" sections of DegreeWorks, submit an Academic Petition that requests the courses be counted towards your program requirements.

Spring 2023 Schedule Updates

New Section of DSBA/HCIP 5122 added for Spring:
In response to heavy demand for **Visual Analytics and Storytelling**, we are adding a new section on Thursday nights on the main campus. It should be available by the end of this week.

Special Topics Offered for Spring- HCIP and DSBA
Looking for another course? We have several offerings this spring including Special Topics in:
- Disability, Technology, and Artificial Intelligence
- Geospatial Data Analytics
- Traffic Safety

Follow **this link** for details.

DSBA 6345: Modern Data Science Systems

 In Spring 2023 the focus of the class will be deep learning and its applications to different types of data: text, image, and possibly video. Example systems analyzed   include BERT and its descendants, DALL-E and GPT3. The students should have some understanding of either machine learning for NLP or computer vision before enrolling.

Spring Internships: HIA and DSBA Students

Are you planning on a spring internship? The revised Internship Proposal Form for Spring 2022 has been opened on the Program websites. Use the link above for more general information regarding internship resources, *including the SDS Resume Book and requirements.* You will find the link to the google form as well as the course syllabus and requirements on your respective program websites:

- Health Informatics and Analytics MS- HCIP 6400
- Data Science and Business Analytics MS- DSBA 6400

Spring Courses with The Center for Graduate Life and Learning

PERSONAL CAREER BRANDING: IDENTITY, MANAGEMENT & PROMOTION (GRAD 6320/8320)
4:00 - 5:40 pm TR | 2 credits | Fretwell 205

You will learn how to identify meaningful career paths and understand how to best promote yourself to future employers. You will gain practice and knowledge around your strengths, values, personality, effective communication, and organizational evaluation as it relates to your professional career journey.

Summer Course Offerings

The Summer 2023 Schedule of Classes will be available online December 16, 2022. This summer schedule will have a more robust core and elective offerings selection. We are scheduled to offer sections of DSBA/HCIP 5122 Visual Analytics, DSBA/HCIP 6162 Knowledge Discovery, and HCIP 5376 Intro to Programming.

IMPORTANT DATES

Please find the complete **SDS Calendar of Events** on the program website or add it to your google calendar.

- **December 16-17:** Fall 2022 Graduation
- **December 16:** Summer Schedule Published
- **January 6:** SDS Graduate Student Orientation/Town Hall
- **January 9:** Spring 2023 Semester begins

Finals Schedule and Exam Conflicts

The final exam schedule can be found on the Registrar's site. Please

remember that if a student has three (3) exams scheduled for the same day, University policy allows that student to reschedule the middle exam. A make-up time is arranged by mutual agreement between the instructor and the student.

- You may submit this Final Examination Conflict Form if you have an exam conflict.
- View the University Policy 202, Final Examinations.

Important!

TO READ THE ENTIRE NEWSLETTER CLICK "VIEW ENTIRE MESSAGE" AT THE BOTTOM OF THIS EMAIL FOR JOB OPPORTUNITIES!

Mark Your CALENDAR

Monday Seminars

The spring seminars run from 4:00-5:00 pm, in person at CCB, room 501, and feature guest speakers from data science and health analytics who provide real-world insights and perspectives in various career paths. The full schedule with registration links is on our **SDS events page**. Seminars are held from 4:00 to 5:00 pm, in person at CCB, room 501.

Coming January 23rd: Robust solutions with Explosion's applied NLP philosophy, Ryan Wesslen presenting.

R User Group Returns!

We are pleased to inform everyone that the R users group will return! The School of Data Science is excited to co-sponsor this monthly session will be held at the uptown campus from noon to 1:00 pm. Sessions will be held on the third Tuesday of the month throughout the spring. Our first speaker will be Davis Vaughan of Posit (formerly RStudio) on **Tuesday, January 17th** . He will discuss brand-new features he's developing for the tidyverse component dplyr.

REGISTER

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!
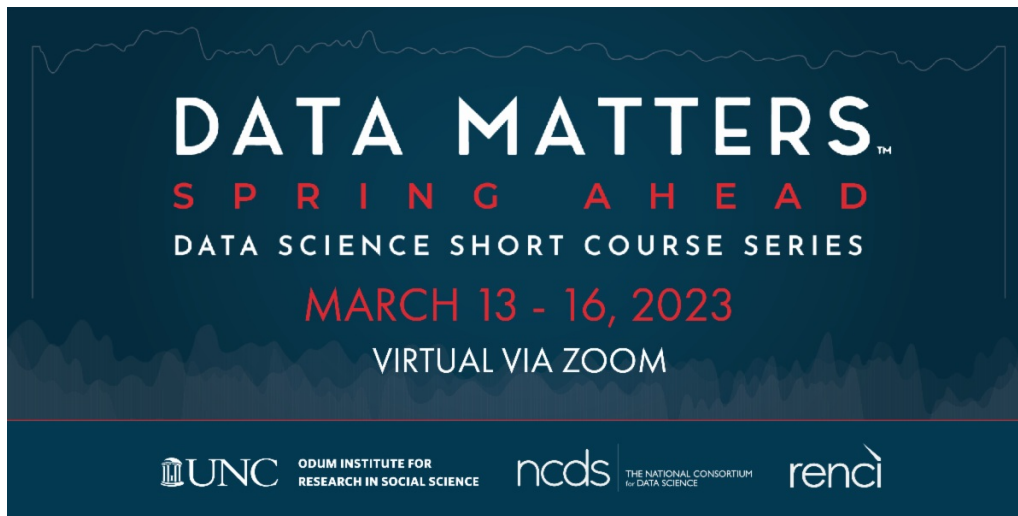
More Info Here

Data Careers Summit: February 24

The Data Careers Summit seeks to help individuals break into and move up in the data & analytics fields.
Register now for the *free* virtual event!

Data Matters: Spring Ahead: March 13-16

Data Matters™ is a week-long series of one and two-day courses aimed at students and professionals in business, research, and government. The first-ever springtime series, Data Matters: Spring Ahead, will feature a selection of the most popular two-day courses. Among the classes available are: Introduction to Effective Information Visualization, Visualization for Data

Science in R, Basics of R for Data Science and Statistics, and Introduction to Python.

LEARN MORE

Wednesday Health Informatics Research Seminars: 4:00 pm to 5:00 pm

UNC Charlotte is part of a consortium of North Carolina Schools that offer weekly *virtual research seminars*. Members include UNC Chapel Hill, Duke University, East Carolina University, and UNC Charlotte. Every Wednesday from 4:00-5:00 pm researchers from across the state present their latest research.

The SDS Google Calendar - Subscribe Today

Want to keep up with all of the upcoming SDS events?
Add the SDS Calendar to your Google Calendar, click**HERE** to subscribe!

SDS Student Organization officer nominations are now available until January 6, 2023.
Nominate yourself or another

Positions descriptions: **Student Council Positions | School of Data Science | UNC Charlotte**
Elections will take place the first week of the Spring semester.

To Learn More and Register for Upcoming SDS Events
Visit the SDS News & Events Page

Looking for more internships and job postings? Log into Hire-a-Niner or use their convenient School of Data Science aggregator.

Compass Group:
- People Analytics Consultant

Corning:
- Advanced Analytics Intern
- Data Science Analyst

John Hopkins Medicine:
- Senior Business Intelligence Analyst - Pop. Health Diabetes Regional Partnership

US DOT Volpe Center:
- Summer Transportation Program for Diverse Groups (STIPDG)
- Program Support (entry-level)

Wake Forest University School of Medicine:
- Summer Intern (perfect for HIA students)

Alumni
CORNER

Job Opportunity at Goodwill: Director, Impact

Goodwill in Charlotte seeks a Director to provide data-driven insights to positively impact our community.
More information can be found [here](#).

Monday SDS Seminars- Alumni Focus

This fall, we welcomed back to campus several alums to participate in the SDS professional seminars. These hour-long sessions can focus on a variety of topics:

- Case Studies in Data Science
- Tools of the trade
- Professional/soft skills

Or it can simply be a straight-up recruitment session. *We would love to have you return to campus to share your experiences in the field!*

More information, including time, location and format, and proposal form, can be found here:
Monday Seminar Proposal- Spring 2023

Sharing Job & Internship Postings with The SDS

If your company has an open position that you want to share with current students or alums cohorts, please reach out to **Joshua Hertel**. We can include it in future newsletters.
Please include:

- Link to the job announcement or point of contact
- Target audience- undergraduates, graduate students, or alumni
- Deadline to apply
- Core competencies

WE ARE HIRING!

Looking to Recruit SDS Talent?

If your company is looking to target new talent, a reminder for alumni that Hire-a-Niner is still available to you- *as an employer*. You can limit your reach to graduate and undergraduate students enrolled in the School of Data Science or target the entire campus. Please let us know when you post, and we will ensure that it also gets featured in the regular SDS newsletters.

POSTING JOBS/INTERNSHIPS

GET CONNECTED with SDS!
Feel free to join the School of Data Science GroupMe and Slack Channel for regular updates.

GROUPME

SLACK CHANNEL

UNIVERSITY OF NORTH CAROLINA CHARLOTTE / SCHOOL OF DATA SCIENCE

UNC Charlotte's School of Data Science | 9105 University Rd, Charlotte, NC 28223

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