

Updates from the Director

Welcome to December, all! If you can look past exams, December Graduation and winter break are just around the corner. For all of you graduating this fall- a sincere congratulations. We look forward to celebrating with you! In this mad rush to the end of the semester, we have a couple of great resources and opportunities before the semester officially ends. First and foremost, see below for an opportunity to meet and network with the [SDS Industry Advisory Board](#). We will hold a reception and networking event for students, faculty, and alumni on December 8th, reading day.

More information is below!



Student RESOURCES

SDS Industry Advisory Board & Networking Session

Join us Thursday, December 8th, from 5:00 pm - 6:00 pm in Colvard 1028

The SDS Fall Meeting of the SDS Industry Advisory Board will feature a reception for board members, faculty, and students. Make sure to take advantage of this opportunity to meet face-to-face and network with the [Advisory Board](#)!

SDS Graduate Student Orientation & Town Hall

Join us virtually Friday, January 6, 2023, at noon for the SDS Graduate Student Orientation and Town Hall.

[Zoom Link Here](#)

Ready to Ace Your Next Job Interview?

Sign Up Here for
[Interview Query](#)

This site helps you ace your data science interview by practicing real interview questions. Stop wasting time wondering what to study to land your dream job!

Practice real data science interview questions

Develop your skills and prepare for your interview using over 500+ real questions from the biggest data companies in data science.

Random Number [↔ Shuffle question](#)

Given a stream of numbers, select a random number from the stream with equal probability and $O(1)$ space in selection.

Input:

```
def random_number(x, y=0, count=1):  
    pass
```

- x is the new value from the stream.
- y is the previously selected value.
- $count$ is the size of the stream.

[I need help](#)

[I've got an answer](#)

[Show solution](#)

Recommended Questions

Interview Prep Program



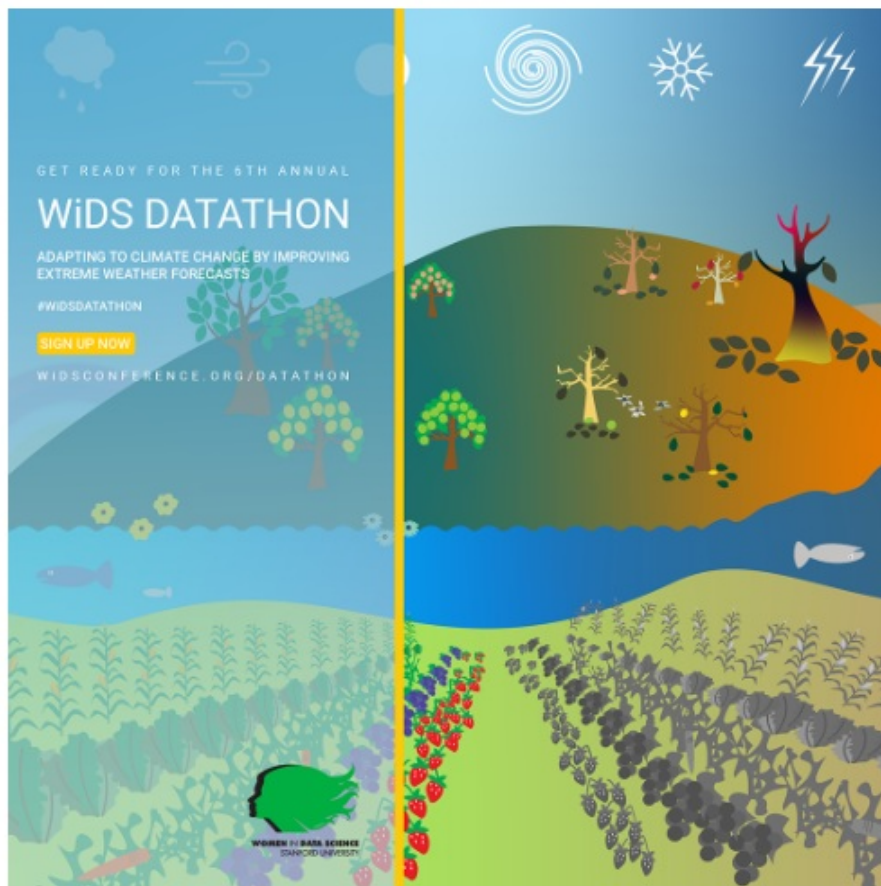
- Schedule a [Practice Interview](#) with a Career Coach
- Utilize the [Big Interview](#) platform

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 for Campus

The School of Data Science has joined Coursera for the Campus Basic Plan. DSBA and HIA graduate students and Data Science undergraduates can access more than 4,000 courses in the Coursera catalog. Students must request access by completing the google form below. Participants will receive an email confirmation from SDS and Coursera with an invitation to set up an account.

More information can be found [HERE](#).

Google Developer Student Clubs

Google Developer Student Clubs (GDSCs) 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 Here](#)

Service Opportunity: Reed Parlier Memorial Golf Tournament

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The family of Reed Parlier, who died on April 30, 2019 on campus, has put together a golf tournament in support of scholarships here at UNC Charlotte since 2019. **This year they need our help!**

They would like to put together a website for the golf tournament and if you are interested in helping create a website to support the family and golf tournament, please click the link to join the mailing list!

Website should be live in January



<https://forms.gle/gKwpiERxr2uZKax39>



Important
INFORMATION

**Additional Spring 2023 Course Information:
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.

Special Topics: Offerings for Spring

There are several offerings for next semester.
Follow [this link](#) for details.

Summer Course Offerings

The Summer 2023 Schedule of Classes will be available on the web on December 16, 2022. This summer schedule will have a more robust core and elective offerings selection. Tentatively we have scheduled to offer sections of Visual Analytics, Knowledge Discovery, Databases, etc. Keep an eye out for more information.

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](#)

Scholarship Opportunities

The [Women's Transportation Seminar](#) has several scholarship opportunities available to female students. 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.

The WTS Charlotte Metro Chapter is currently seeking applications for the 2023 program. For more information, click [here](#).

IMPORTANT DATES

Please find the complete [SDS Calendar of Events](#) on the program website or

add it to your [google calendar](#).

- **December 7:** Spring Tuition Payment Due Date
- **December 8:** Reading Day
- **December 8:** SDS Advisory Board Meeting
- **December 9:** Final Examinations Start
- **December 16:** Summer Schedule Published
- **December 16-17:** Fall 2022 Graduation
- **January 6:** SDS Graduate Student Orientation/ Town Hall
- **January 9:** Spring 2023 semester begins

Exam Support Services Through UCAE

On Reading Day, December 8th, the UCAE will offer several exam support services such as specialized tutoring classes and Reading Day Review Packets for popular undergraduate courses such as Statistics and Mathematics. These can be found on the [UCAE website](#).

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](#).

Interested in Summer Classes?

The summer 2023 schedule of classes will be available on the web starting on Friday, December 16th. This will allow students to start the planning process for summer. Please remember that students do not enroll in summer courses until pre-registration for the fall 2023 semester. Please use the [Summer Session](#) web page for more information on summer term enrollment.

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.

Important!

TO READ THE ENTIRE NEWSLETTER CLICK "[VIEW ENTIRE MESSAGE](#)" AT THE BOTTOM OF THIS EMAIL FOR JOB OPPORTUNITIES!

Mark Your
CALENDAR

Big Data Health Science Case Competition



**BIG DATA
HEALTH SCIENCE**
Student Case Competition
February 3-5, 2023

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!

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!



[Fall meeting dates for the Association of Data Science:](#)

Meetings are in CHHS 155 from 7:00 pm - 8:00 pm.

To Learn More and Register for
Upcoming SDS Events
Visit the [SDS News & Events Page](#)

Featured Job

OPPORTUNITIES

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:

- [Actuarial Analyst II](#)
- [Senior Financial Analyst](#)
- [Senior Business Intelligence Analyst - Pop. Health Diabetes Regional Partnership](#)

Spectrum Enterprise:

- [Data Scientist](#)

Trane Technologies:

- [Category Transformation Analyst](#)

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



Pathways to
possibility
start here.

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



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



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

[Unsubscribe barbara.howard@uncc.edu](mailto:barbara.howard@uncc.edu)

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