

## Updates from the Director

Greetings all-

Thanksgiving, exams, and Graduation are just around the corner. Congratulations to all of you on the home stretch! In this edition, we have more information about the [undergraduate and graduate ceremonies](#). We also have a special call for those of you graduating to share your information through the First Destination Survey. You know we love our data- so please share! Also in this edition a new resume book for graduate and undergraduate students still seeking full-time placements. Please upload your resume and we will share it with board members and community partners.

### [Campus Challenge- Jamil Niner Pantry](#)

This is a special *call to SDS alumni*. Many of you are familiar with the Jamil Niner Student Pantry. The pantry is a critical bridge for food-insecure students across the campus. This next week the Pantry is competing with the University of Memphis in collecting the most food items (their pantry vs. our pantry with the winning campus announcing it at the November 11th football game). Additionally, November is our Giving Tuesday campaign. You can find a [list of needed items](#) on their website or simply donate funds! Any support you can give is helping your fellow Niners.

-Josh



**Call for Content:** *Have a story to share, an event to highlight, or a job posting?*

# Important!

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

## IMPORTANT DATES:

Find the full [SDS Calendar of Events](#) on the program website

- **November 22 - 25th, 2023**: Thanksgiving Break - No Classes
- **December 6, 2023**: Last day of classes
- **December 7, 2023**: Reading Day
- **December 8 - 14th 2023**: Exams
- **December 15, 2023**: Undergraduate Ceremony (CCI and SDS)
- **December 16, 2023**: Graduate Ceremony (HIA and DSBA)

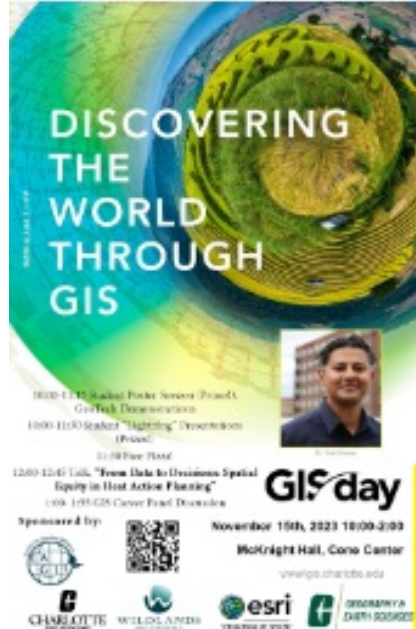
# Mark Your CALENDAR

Below is a list of upcoming campus events for all students and faculty. These are opportunities to learn and network! We hope you can participate and encourage your students to engage.

## TODAY: GIS Day

CAGIS, the Center for Advanced Geospatial Information Science, hosts GIS Day on November 15th at McKnight Hall in the Cone Center, starting at 10:00 AM. This event has expanded to engage various departments and centers, with a focus on offering career opportunities and enhancing student engagement, especially within the School of Data Science. It aligns with

the GeoSAN mission, highlighting the significance of geotechnologies.



LEARN MORE

## MONDAY SDS Professional Seminars

Every Monday @ 4:00 p.m. Coming up:

- **November 20, 2023:** Challenges and Opportunities in the Data Science and Analytics job market- Advanced Analytics at Universal Music Group (Dubious Center)

You can find the complete list of fall seminars with the links to register [here!](#)

REGISTER  
NOW

## Wednesday Health Informatics Research Seminars

@4:00 pm- virtual. Coming up this month:

**November 15, 2023:** [Machine Learning-Based Analytics of the Impact of the Covid-19 Pandemic on Alcohol Consumption Habit Changes Among United States Healthcare Workers](#)

All sessions are virtual. More information and a link to the virtual sessions can be found [here!](#)

## Alumni Month Takeover: Build Your Career with Lowe's

November 14, 2023, 12 pm - 12:45 pm (Virtual)

Join this session to hear from UNC Charlotte alumni working at Lowe's as well as other recruiting partners as they discuss Lowe's as an Employer of Choice, available internship opportunities, and answer any questions you might have.

Career Meet Ups are 30-45 minute small group sessions focused on specific topics and led by career coaches or industry professionals. Meet-ups may be virtual or in-person, and you'll have the opportunity to gain information, ask questions, and get some practice. If you need accommodations to access this MeetUp, email Brandi Ledermann (blederma@uncc.edu) referencing the name, date, and time of the MeetUp. Learn More and Register [HERE](#)



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## University of South Carolina's National Big Data Health Science Conference

February 2 - 3, 2024

The 2024 Conference Planning Committee invites you to submit abstracts for oral and poster presentations at the 5th Annual National Big Data Health Science Conference. Authors will have the option of publishing their abstract in the 2024 Conference Proceedings (with Biomedical Central, a part of Springer Nature) at no cost. **Abstract Submission Deadline: December 4, 2023.**

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## NC Education Datathon

February 8-9th, 2024 in Raleigh

The NC Datathon brings together student-led teams from across the state to compete to turn publicly available data into actionable information to address inequities and improve educational outcomes. Check out their site for details and how to express your interest!



2024  
NORTH CAROLINA  
EDUCATION DATATHON



February 8-9, 2024  
Raleigh, NC

Complete the interest form for priority registration.

[bit.ly/2024DatathonInterest](https://bit.ly/2024DatathonInterest)

LEARN MORE

# Student RESOURCES

## Undergrad Scholarship Opportunities

The University is fortunate to have the generous support of alumni and community partners in funding scholarships to support you. Below is a brief list of awards targeted for SDS students, and ones available to the full campus, that should be available for the 2024-2025 academic year. Some are needs-based and some are merit-based. You can search for additional scholarships through the [NinerScholars Portal](#).

MORE  
DETAILS

## SDS Internship Resume Book- Spring 2024

We recently sent out an updated form for the 2024 Spring Resume Book. Students enrolled in the HIA and DSBA programs can submit an updated resume. If you are eligible to hold an internship in spring 2024, we invite you to submit an updated resume [HERE](#). We will share this with industry and community partners over the next two weeks. This is intended to be a supplement to your search, not a primary to

secure an internship placement. As always we encourage you to participate in networking and recruitment events. Please consult the [SDS Events Calendar](#).

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## Special Elective Option: Grad Students

The Math Department requested that we share the following spring course:

**MATH 8070/7070** – Topics in Numerical Analysis

Spring 2023 - Tuesdays and Thursdays, 2:30-3:45

Instructor: Dr. Taufiqar Khan, Department of Mathematics and Statistics

### COURSE DESCRIPTION

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## Fall 2023 Graduation Information

### Policy Update: Participation in Commencement Returns to Pre-Covid Policy

The Provost Office recently announced that they are reverting to the pre-Covid policy that limits student participation in a commencement ceremony within their term of graduation. In other words, the Provost Office will no longer allow students to delay their participation to a later semester for the ceremony.

*Students must participate in a commencement ceremony within their term of graduation. Undergraduate students who wish to attend commencement must attend the ceremony within their college; graduate students (including certificates) who wish to attend commencement must attend the Graduate School ceremony. All students must have a valid UNC Charlotte ID or a government issued photo ID and their UNC Charlotte ID number to participate in commencement. - **From the Provost website***

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### DegreeWorks Audit: On Track To Graduate?

It may seem too early to be thinking about this, but graduation is closer than you think! Have you checked your transcripts lately to make sure all of your courses are counting towards your degree? DegreeWorks is a web-based planning tool that provides an accurate display of required coursework and helps students monitor their progress toward graduation. Students can access their real-time audit in DegreeWorks via [my.charlotte.edu](http://my.charlotte.edu) and should routinely check their progress toward degree completion.

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### Commencement

Fall Commencement ceremonies will be held in Halton Arena. [The Undergraduate Ceremony for the Bachelors in Data Science will be Friday.](#)



December 15th at 10am. The Graduate Ceremony will be held on Saturday, May 16th at 10am. The University has a website for all things related to **graduation ceremonies**. Please remember to show up early - don't get caught in traffic!

## Data Science and Health Informatics In The NEWS

*These are stories collected from a variety of newsletters and websites:*

### **ML spots AI-generated chemistry papers**

A new machine learning model differentiated between chemistry paper introductions written by humans and those produced by ChatGPT versions 3.5 and 4 with greater accuracy than two other AI detectors, according to an article in Cell Reports Physical Science. The tool was trained specifically for chemistry papers and evaluates 20 features of writing style, including sentence length and punctuation, it performed well on introductions from journals that weren't used to train it, but it failed to recognize that articles from university newspapers were written by people. **Full Story: Nature (11/6)**

### **Future of AI and Data Science – How to Secure A Bright Career? from Data Science Current**

Gain insight into the future of data science and artificial intelligence to get clarity of both the fields that help you make a career in data science and AI- FLIPBOARD

### **Opinion: AI tools are keeping hospital patients alive**

*By Leana S. Wen, November 7, 2023- Washington Post*

Artificial intelligence is already widely used in health care — to enhance cancer detection, reduce paperwork, and tailor treatments. The question is, does it improve patient outcomes?

# Graduate

## STUDENT COUNCIL

### NC Datathon: Fill Out the Interest Form



**THURSDAY, FEBRUARY 8, 2024**

**FRIDAY, FEBRUARY 9, 2024**

The NC Datathon aims to harness the power of technology and data to create inventive answers for tackling intricate issues. This occasion unites teams led by university students from various parts of North Carolina and tasks them to find a solution for an educational challenge using diverse data sources.

You and your classmates can collaborate to craft applications, dashboards, or other databases to resolve the issue and subsequently showcase your projects to a group of knowledgeable evaluators and conference participants! The event spans two days (February 8 - February 9, 2024) and encompasses keynote speakers, team collaboration time, project presentations, evaluation, and the announcement of winners.

[Fill Out Interest Form](#)

### WiDS is Going Worldwide!

**Women in Data Science (WiDS) Worldwide** empowers women to reach their full potential in the field of data science. The WiDS community creates access to programs, content, and resources that inspire, educate, and support. Please visit their website for meetup and training resources as well as information on this year's global **Datathon**. See the graphic below for more information on the timeline for this year's competition. **Registration opened on September 14, 2023.**



# University of South Carolina (USC) Big Data Health Science Student Case Competition

USC is hosting its **fifth annual student case competition**, a virtual event in which students compete in teams to solve an issue in healthcare using big data analytics for a chance to win cash prizes. The Case Competition will be held virtually between January 26th- 28th 2024, the week before **the University of South Carolina's National Big Data Health Science Conference**, scheduled for the following weekend, February 2nd -3rd 2024. Last year's winner was Duke University, so it is time for others to compete to dethrone them. The Case Competition incites teams of graduate and senior undergraduate students to apply their knowledge to analyzing big datasets in healthcare. Specific details about this year's challenge will be provided later.

Association of  
Data Science  
(UNDERGRAD STUDENT ORG)



The Association of Data Science is an undergraduate student organization hoping to provide programming workshops, networking opportunities, and a sense of community amongst students interested in data science. Our upcoming meeting is on October 19th, in Woodward 106 from 6 - 7 pm! Hope to see you all there! Future meetings are held every other Thursday. Make sure to join our **Niner Engage** and our **Discord server!**

Featured Job  
OPPORTUNITIES

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

## Featured Internships

- [Biostats and Data Science Internship - Wake Forest](#): Winston-Salem, NC

## Featured Full-Time Positions

- [Senior Data Analyst- Vanguard](#): Charlotte, NC

The Client Experience Analytics department is looking for a talented Senior Data Analyst to join our team! Aligned with the work of Vanguard's Institutional Investment Group, you will work closely with business partners to develop data-driven insights and recommendations to improve our clients' experience with Vanguard. This role requires a high level of technical expertise in data analysis and a strong business acumen. Analyzes data, assesses trends, and develops actionable insights and recommendations in support of business objectives. Trains and develops junior analysts.



## Full-Time Positions

- [Statistician - Associate - Atrium Health](#) - Charlotte, NC (On-site)
- [Graduate Research Assistantships \(M.S. level\)](#) - UNC Charlotte (on-site)
- [2024 Early Career Program: Associate Data Analyst](#) - Charlotte, NC
- [Analytics & Insights Analyst](#) - Matthews, NC (On-site)
- [Junior Business Analyst](#) - Charlotte, NC
- [Corporate Audit- Automation, Data Quality, Tech 2024 Analyst](#) - Charlotte, NC
- [Corporate Audit 2024 Analyst](#) - Charlotte, NC
- [Principal, Data Science \(work from home\)](#) - American Red Cross - Charlotte, NC

## Internships

- [Analytics Intern - Arch Mortgage Insurance Company](#): Greensboro--Winston-Salem--High Point Area (Hybrid)

- [2024 Early Career Program: Data Analyst Intern](#) - Charlotte, NC
- [2024 Data Science Internship](#) - Charlotte, NC
- [Business Intern](#) - Lynchburg, VA (On-site)
- [Business Intern](#) - Richmond, VA (On-site)
- [Technology, Data and Innovation \(TDI\)](#): Cary 2024, Cary, NC



## Updating Alumni Info

Keep your contact information current, you'll be sure to receive the latest information on SDS alumni events, news, announcements, and more. With more than 100,000 UNC Charlotte alumni and 800 (and growing) from the School of Data Science, you can connect with other fellow graduates around the globe. Click [here](#) to update your contact and/or professional information.

## Campus Wide Recruitment: UNC Charlotte's Career Center

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 students- graduate and undergraduate- enrolled in the School of Data Science or target the entire campus. *Please let us know when you post and we will make sure that it also gets featured in the regular SDS newsletters.*

### [Posting Jobs & Internships](#)

Setting up an Employer Hire-A-Niner Account:

1. Visit <https://hireaniner.uncc.edu/employer>
2. Please note this is your first invitation to view our policies. "Welcome Employers! Please read our [Employer Policies](#). By using Hire-A-Niner, you agree to adhere to these policies. Please contact our employer team with any questions at [recruitUNCC@uncc.edu](mailto:recruitUNCC@uncc.edu)."
3. Click "Register For A Hire-A-Niner Account"
4. Complete the information, and click "Submit"
5. You will receive a system-generated email confirming receipt of your registration request
6. Within 2 business days, your account will be reviewed for approval

Once you have access to Hire-A-Niner, you will be able to post/manage

positions and choose from the many different recruiting services and events we offer each semester. If you are interested in discussing other recruitment and branding opportunities with the University Career Center, we encourage you to connect with our Employer Engagement Team at [recruit@charlotte.edu](mailto:recruit@charlotte.edu).



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

GROUPME

SLACK  
CHANNEL



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