

Updates from the Director

Greetings all,

Thanks to all of those who were able to join us for the Alumni and Student Networking session on September 29th. Over 70 students and alumni joined us at Armored Cow Brewing. More of these events will be scheduled later this year and early next!



Program News: We will kick off registration for spring 2024 on October 30th. If you have not already signed up for an advising session do not delay. Graduation dates and times for each college have been set for December. For those of you planning to graduate this semester, please keep a close eye on the Commencement website! Lastly, we have a larger number of new listings for internship and full-time positions- Check out below for more details and links.

-Josh

Call for Content: *Have a story to share, an event to highlight, or a job posting? Please feel to share it with us @ sds-communications@charlotte.edu*

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

- **October 17, 2023:** Unsatisfactory Mid-Term Grade notices emailed to students for Fall 2023

- **October 17, 2023:** [HIAN Group Advising 4:00 – 5:00 pm- Virtual](#)
- **October 18, 2023:** [DSBA Group Advising #1, 12:00 – 1:00 pm- Virtual](#)
- **October 18, 2023:** [DSBA Group Advising #2, 4:00 – 5:00 pm- Virtual](#)
- **October 18, 2023:** Last day to withdraw from a class
- **October 23- 24, 2023:** Student Recess - No Classes
- **October 30, 2023:** Spring 2024 Registration Begins

SPRING 2024 REGISTRATION OPENS OCTOBER 30th

SDS Undergraduates: REMINDER ABOUT ADVISING

Advising for undergraduate students for spring 2024 is underway! All students should have received additional information about how to schedule an appointment this week. Please keep in mind that we have two types of appointments available to students - online and in person. We also will be offering night time appointments online for the first time! Advising is required once a term for ALL students. If you have any questions or concerns, please reach out to Deanna Rella, drella@charlotte.edu.

SDS Graduate Students: REMINDER ABOUT AUTHORIZATIONS

You should have received an email about group advising. The details are also above in the 'Important Dates' section. Please plan to attend one session! Let Carly know if you have any questions. You can submit your authorization requests for spring here: [Spring 2024 DSBA & HIA Authorization Requests](#). Specific registration information for the HIA and DSBA programs can be found on their respective websites. Please make sure to check your student account for holds before October 30th.

Fall/Spring Research Assistantship Opportunity

Professor Mara Hollander is hiring a masters-level quantitative RA for health services research analysis, focused on individuals with eating disorders and their visits to the emergency department or stays in inpatient hospitals.

[LEARN MORE](#)

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.

MONDAY SDS Professional Seminars

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

- **October 16, 2023: An Automotive Aftermarket Story - Data Science @Torqata** (Dubois Center)
- **October 23 2023** No Monday Seminar - Fall Break/No Classes
- **October 30, 2023 : A Day in the Life of a Healthcare Data Scientist@ Premier Health** (Virtual)

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

REGISTER
NOW

WEDNESDAY HI Research Seminars

Wednesdays @ 4:00 pm | Virtual Sessions

- **October 18, 2023: Interoperability and Reproducibility of Multimorbidities in EHRs: Pathways to Precision Medicine through Machine Learning and AI**, Yaomin Xu, Ph.D., UNC-CH
- **October 25, 2023: Self-Supervised Deep Learning for Medical Time Series Analysis**, Xiang Zhang, PhD, UNC-C

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

THURSDAY SDS Professional Seminars

@ 1:15-2:15 Colvard South Room 1017

- **October 19, 2023 : AI in Action at Duke Energy, Archy Peesapati, Sr. IT Manager - AI Solutions at Duke Energy Corporation**
- **November 2, 2023: Unleashing Innovation in Data Science with Gen AI & Prompt Engineering, Sia Partners**



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

GRAB YOUR SPOT!

2023 NCDS Fall Career Panel: Analyzing Data Science Careers

ncds | FALL CAREER PANEL

Analyzing Data Science Careers

Are you career ready?

Tuesday
October 17
5 PM - 6:30 PM ET

PANELISTS

- Peter Baquero**
Director of AI and Machine Learning, AlixPartners
- Suparna Goswami**
Senior Research Scientist, RENCI
- Reiko Nakashima**
Director of Computational Biology, Pfizer
- Estevan Torres Jr.**
Senior Financial Analyst, Bank of America

MODERATOR
Dr. Deborah Stroman
UNC Gillings School of Public Health

https://bit.ly/NCDS_CareerPanel_Fall2023

Virtual | October 17 at 5 PM ET

You don't want to miss these data science professionals who provide insight into what it takes to capture the attention of top recruiters in data science and data analytics! Our panelists represent a variety of career stages and they are ready to discuss what it takes to set yourself apart as you launch your career search. Join us to learn more about what programming languages are in demand now, unexpected ways to promote your experience, and what experiences you should gain early in your career. Register for this free, virtual career panel featuring Peter Baquero (AlixPartners), Suparna Goswami (RENCI), Reiko Nakashima (Pfizer), and Estevan E. Torres Jr (Bank of America).

**MORE
INFO**

Amazon on Campus

October 24th | 10am - 3pm

Join staff from Amazon for an Immersion Day, working hands-on with some of their engineers to learn new technologies. This is specifically for undergrad sophomores - seniors in computer science, MIS, business analytics, engineering, and statistics. Students can apply by putting their resume in the Amazon Resume Book in Hire-A-Niner. Those selected will be invited to participate!



Women in Technology Career Fair

Wednesday, November 08, 2023 | 2:00 PM - 6:00 PM EDT (virtual)

Experience the WIT Virtual Job Fair, where you can engage with recruiters from leading organizations in the Washington D.C. Metro area and beyond. This exclusive event offers real-time connections with employers seeking top-notch talent for diverse roles, with a strong focus on STEM-based fields. Don't miss the chance to explore exciting career opportunities! This is a free event for job seekers. Advanced registration is strongly encouraged to allow exhibitors to view your resume in advance. Exhibitors should take advantage of the Early Bird pricing for the best value. For more information and to register click [HERE](#).

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.**

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!

HOSTED BY  hunt institute



2024
NORTH CAROLINA
EDUCATION DATATHON



February 8-9, 2024
Raleigh, NC

Complete the interest form for priority registration.
bit.ly/2024DatathonInterest

LEARN MORE

Student RESOURCES

Spring 2024 Assistantship Applications Open



Each semester the School of Data Science awards on average 25-30 assistantships each semester to support SDS graduate and undergraduate academic programs. Assistantships are usually in one of two forms: Instructional Assistants or Teaching Assistants. *Only students enrolled in an SDS program can apply for SDS-funded assistantships.* Even if you currently hold an assistantship, you must reapply to be considered for placement in spring 2024: [Apply Here](#). More information can be found on your program website under “Current Students.” Please make sure to read the eligibility requirements carefully. (*Faculty tend to seek students they know, students that have had success in their classes. Blanket emailing the faculty is not only inappropriate, it is also counterproductive.*)



graduation ceremonies. Please remember to show up early - don't get caught in traffic!

Spring 2024 Special Topics Courses: Graduate and Undergraduate

Reminder- we have virtual group advising sessions for the HIAN and DSBA graduate students. Sign up to hear more information about the spring schedule and course offerings. We will also share the link for pre- authorization class requests. Undergraduate students please make an appointment with your advisor ASAP if you have not already done so. **Registration opens on October 30th!**

Data Science and Health Informatics In The NEWS

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

Charlotte tech giant Tresata aims to stay ahead of the AI curve with the launch of the latest platform

From Charlotte Inno on October 5, 2023: Charlotte's Tresata Inc. has launched an artificial intelligence platform to help companies fully leverage the power of that rapidly evolving technology. The data analytics company's technology has integrated machine learning and AI since its inception over a decade ago. But with this new AI wave, Tresata has refreshed how it uses the tool. Its new Tresata.ai platform, launched Sept. 1, uses a software-as-a-service model. Keep reading [here](#).

Local startup Atom Power brings its EV charging system to Los Angeles entertainment district

From Charlotte Inno September 28, 2023: Huntersville-based startup Atom Power has made a deal with downtown Los Angeles' sports and entertainment district, L.A. Live, to install 48 of its electric vehicle-charging ports there. The transaction allows L.A. Live to more than triple its EV charger count that it has available on site. Its campus, which attracts nearly 20 million annual visitors, is equipped with a theater, museum, restaurants, and ballrooms, and it has hosted concerts and high-profile events such as the Grammy Awards. Keep reading [here](#).

CMS to constrain the use of predictive technology in MA coverage decision

Rules created by the CMS to control the use of predictive technology tools by Medicare Advantage plans to anticipate patient care needs and inform coverage decisions go into effect on January 1. Meena Seshamani, who directs the Center for Medicare, said compliance with the new rules will be measured through audits, and enrollment suspensions or monetary penalties may be enforced to penalize insurers for noncompliance. [Full Story: KFF Health News \(10/5\)](#)

AI accelerates drug discovery process

AI is accelerating the process of discovering new therapeutic compounds and drug targets, enabling researchers to assemble protein structures from scratch thanks to the existence of an extensive protein database that has been decades in the making. AI is less effective in fields lacking comprehensive datasets, but scientists are working to develop generative AI systems that pull data from all the scientific literature in a given field to identify patterns, develop new hypotheses and plan and conduct experiments autonomously. [Full Story: National Public Radio \(10/12\)](#)



Fleurix Conference

October 19th 2023 | Charlotte, NC

Fleurix aims to increase the number of women+ pursuing and thriving in technology-related careers by connecting women+ with an inspiring community and accessible resources that can help conquer common barriers to entry, retention, and promotion of women+ in IT.

Golden Hack: IMPACT WEEKEND

October 20-22, 2023

Looking to boost your skills for your resume? Want to gain some experience and insight by working on real world problems alongside industry mentors? How about the chance to win cash for your input and ideas? UNC Charlotte students from all majors, backgrounds and levels of experience come together for a common focus

over the weekend of Oct. 20-22 to share ideas and creations. Students will collaborate in a low-stakes environment to design, develop and pitch ideas that solve real world problems. Make sure to [complete the interest form](#) to be alerted for the announcement!

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](#)

GeoSmart Hackweek 2023

Seattle, WA | October 23 - 27

The 2023 GeoSmart Hackweek will focus primarily on project work, with an emphasis on applications in Hydrology and Cryosphere science. Project ideas will be shared in advance. There will be space for new ideas to emerge during the Hackweek based on participant engagement. During the week, participants will have the opportunity to collaborate with their peers, share ideas, and work on projects leading to exciting results and discoveries. [Learn more on their website.](#)

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.



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!**

Sports Analytics Club

The Sports Analytics Club meets each week on Thursdays from 5:30 p.m. to 7:00 p.m. to discuss sports, present analytical projects, and create connections. Our goal as a club is to provide Charlotte students with the opportunity to build a resume, provide necessary skills, and create connections to break into the sports industry. On October 26, Data Science Professor Marco Scipioni will be lecturing at our meeting and leading us through data visualization in python. Because of the importance of coding in sports analytics, we will be hosting coding workshops at different times throughout the semester. We will announce these on social media and at our meetings so keep an eye out. If interested, please follow our social media and join our discord for more information. We look forward to meeting you and hearing about your interests!

Instagram: [@cltsportsanalyticsclub](#)

Twitter: [Charlotte_SAC](#)

Discord

GitHub

Featured Job

OPPORTUNITIES

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

Prepping for an Interview? DataCamp!

For those of you preparing for an internship or full-time job interview, remember you have FREE ACCESS to [DataCamp](#). The platform can help you prepare for technical interviews, particularly coding assessments.



REQUEST ACCESS

Featured Jobs: National Institutes for Health (NIH)

This last week a UNC Charlotte faculty member happened to connect with the Chief

Health Information Officer of the [National Institute of Health](#) at a national conference. She was explicit in encouraging applications from UNC Charlotte for internships and full-time positions. She took the liberty of sharing several flyers with information specific to the [NIH's new grad hiring mechanism](#).

- [Jobs at NIH](#)
- [Internships at NIH](#)
- [NIH Hiring Process](#)
- [USAJobs Fact Sheet](#)
- [Details on Opportunities](#)
- [NIH Pathway Program](#)



Full-Time Positions

- Deloitte - **Large Language Model Data Scientist, Charlotte, NC**
- Defense Technical Information Center- **Data Scientist (Visualization Developer/Cyber), Fort Belvoir, VA**
- Xylem- **Sr. Data Scientist, Charlotte, NC**
- Appalachian State University- **Director of Enrollment Analytics & CRM Solutions, Boone, NC**
- American Tire Distributors- **Director, Pricing Analytics, Huntersville, NC**
- Social Venture Partners Charlotte: **Senior Program Manager**

Internships

- Bank of America- **Global Technology Summer Analyst Program - 2024**
- Labcorp- **Data Analyst Internship, Durham, NC (On-site)**
- Wells Fargo- **2024 Summer Internship, Early Careers – COO Operations**
- Enact Mortgage Insurance - **Data Scientist Intern, Raleigh, NC (On-site)**
- Truist- **2024 Data Science Internship, Charlotte, NC**
- Lenovo- **Data Science intern, Morrisville, NC**
- Inmar Intelligence, **Intern, Data Analytics, Winston-Salem, NC**
- Genworth- **Data Scientist Intern, Raleigh, NC (On-site)**
- Pacific Northwest National Laboratory- **NSIP Masters Intern Summer 2024 - AI & Data Analytics, Sequim, WA (Remote)**
- JELD-WEN- **2024 Summer Intern - Information Technology**
- Accenture- **Summer Analyst (Internship) Development Programs**
- SAS- **Summer 2024 - Analytics COE Intern (Graduate), Cary, NC**

The logo for "Alumni CORNER" features the word "Alumni" in a large, elegant, dark green cursive script. Below it, the word "CORNER" is written in a bold, gold-colored, all-caps sans-serif font.

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."
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.



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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