



UNIVERSITY OF NORTH CAROLINA
CHARLOTTE

SCHOOL OF
DATA SCIENCE

Updates from the Director

The SDS Newsletter is pleased to present its latest edition, featuring a wealth of program updates, professional development workshops, and job postings. We extend our heartfelt thanks to all the volunteers and partners who made our 10th Analytics Frontiers Conference a resounding success. This conference boasted the highest attendance since the pandemic, with over 350 participants. As the semester draws to a close, we shift our focus to exams, graduation, and the commencement of the summer session. This edition includes valuable resources and reminders to assist you during this busy time. Don't forget to download the full newsletter for a comprehensive look at all available content.

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!

*Summer and Fall
2024 Course*

REGISTRATION

Program Updates and Campus News

Registration opened on April 1! Please refer to your inboxes to find a wealth of information from [Deanna Rella](#) ([DTSC](#) and [SPOA](#) undergrad) and [Carly Mahedy](#) ([HIA](#) and [DSBA](#) graduate programs) containing more information. *Do not delay signing up for classes.* Please reach out to your advisor if you need authorization for course registration, include your student ID/800#, the course title, and the 5-digit CRN#.

- [Graduate Internships](#)- Require a proposal and faculty approval before authorizations can be issued. Please find more information on the respective programs' websites- see links ([DSBA 6400](#) or [HCIP 6400](#)).
- [Elective Options](#)- Graduate and Undergraduate- Looking for a special topic or elective option? Check out the updated list [HERE](#).

New Officers for the SDS Graduate Council

The [SDS Student Council](#) plans events and programs for DSBA and HIAN students, fostering networking and professional growth among peers and industry experts. In March, HIAN and DSBA students elected a new board to represent *you!* We are pleased to welcome them into their new leadership roles. We encourage all of you to reach out and connect with them, and share your ideas and priorities for the next academic year.

- President - [Vishaal Sai Devisetty](#)
- Vice President - [Hiranya Vaishnavi Bandi](#)
- Treasurer - [Sonali Choudhary](#)
- Senator - [Ha'Sheem Brunt](#)
- Secretary - [Aryaman Kachroo](#)
- Marketing Officer - [Manasi Suryavanshi](#)
- New Student Liason - [Brian Dooley](#)
- HIA Representative - [Sushma Akula](#)

Summer and Fall TA Applications

Calling all UNC Charlotte DSBA and HIA graduate students (3.0 GPA +)! Elevate your studies and gain real-world experience with a Graduate Assistantship. Teaching Assistants (TA) offer invaluable experience and networking. For more information and to apply please visit your program website:

- [Health Informatics and Analytics](#)
- [Data Science and Business Analytics](#)

These assistantships do not include tuition remission. Please explore the Graduate School website and the Career Center for more TA positions. Level up your data science journey - apply today!

Commencement is Coming!

Mark your calendars! UNC Charlotte's Commencement Ceremony honors graduates, their families, and supportive faculty. Ceremonies are held May 10th & 11th at the Dale F. Halton Arena (Barnhardt Student Activity Center). Specific colleges hold ceremonies at designated times (check the UNC Charlotte website for details). The event will be live-streamed online (link available May 9th). Need

information on tickets? Regalia, etc.- [visit the Commencement website](#). Important Note: Only graduates and ceremony personnel can participate in the procession. Guests must follow the clear bag policy (no backpacks, umbrellas, or balloons). Disability accommodations are available through the [Office of Disability Services](#).



Mark Your CALENDAR

Important Dates

- **April 29, 2024:** Last day of classes
- **April 30, 2024:** Reading Day
- **April 30, 2024:** SDS Advisory Board & Networking Reception
- **May 1, 2024:** Final Exams Begin
- **May 10, 2024:** Undergraduate Data Science Commencement Ceremony
- **May 11, 2024:** Graduate School Commencement Ceremony
- **May 20, 2024:** First Day of Summer Classes
- **May 21, 2024:** Last Day to Add or Drop a Class with no grade
- **May 22, 2024:** Payment Due Date/cancellation for nonpayment

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.

Upcoming Final Exams - May 1st - May 8th

With the end of the semester quickly approaching, please be sure to use the [Final Exam Schedule](#) to make sure you know when all of your exams take place. It is common for an exam to not be on the same day/time as your course schedule.

- 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 exam is

arranged by mutual agreement between the instructor and the students.

- If a student has two (2) exams scheduled for the same day and time, a make-up exam is arranged by mutual agreement between the student and one of the course instructors.
- If you have an exam conflict, you may submit this [Final Examination Conflict Form](#).
- [UCAE Reading Day Review Sessions](#)

SDS Spring Advisory Board Networking Reception - Open to All Students

April 30, 2024 | 5:00-6:00 pm | Dubois Center

The School of Data Science (SDS) invites all students to a networking reception following the Spring Advisory Board meeting on April 30th, 2024, from 5:00 pm to 6:00 pm at the Dubois Center. This is a fantastic opportunity to connect with industry professionals! Mingle with [SDS Advisory Board](#) members, gain insights into the data science field, and enjoy light refreshments and drinks. We encourage all SDS students to attend! **Save the date, RSVP coming soon!**

DataBytes: Supporting AI Risk Management in the Analytics Lifecycle

April 30 at 3:30 PM ET

The National Institute of Standards and Technology (NIST) released an AI Risk Management Framework for trustworthy and responsible use of AI and analytics. NIST offers a portfolio of measurements, standards, and legal metrology to provide recommendations that ensure traceability, enable quality assurance, and harmonize documentary standards and regulatory practices. Their framework is very detailed with recommendations across four functions: govern, map, measure, and manage. Join Sophia Rowland, a Senior Product Manager focusing on ModelOps and MLOps at SAS, walks us through incorporating these recommendations into the analytics lifecycle. Attendees to this session will gain a greater understanding of trustworthy AI best practices as well as user roles and expectations for building responsible analytics.

Learn
More

NC TECH Brews+ Bytes Charlotte

Thursday, May 2nd, from 4:30 PM to 6:30 PM

NC TECH is hosting a Brews + Bytes networking event in Charlotte on Thursday, May 2nd, from 4:30 PM to 6:30 PM. This free event, open to both NC TECH members and non-members, offers a casual and intimate setting for tech

professionals to connect, network, and learn about what's happening in the Charlotte tech scene. Light refreshments will be served. **Registration is required in advance, so be sure to secure your spot.**



Other Events and Workshops

GOVERNMENT & NON-PROFIT JOBS HIRING EVENT

April 24, 2024

Join CareerEco's online recruiting event- Meet employers nationwide.

[Register Here](#)

Campus Resources and Policies

Laptop Requirements - For new and continuing students, a gentle reminder, all undergraduate and graduate students are required to have a personal laptop computer to support their college experience. While the campus does have resources for emergency loaners it is time-limited and temporary by design. You will need access to a personal device. Please visit the Onelt website for **recommended minimum specifications.**



Featured UNC Charlotte Student Resources:

- **Free Legal Help:** UNC Charlotte Student Legal Services (SLS) offers free legal advice, representation for some cases, and resources for all enrolled students (funded by student activity fees).

- **Military Support:** [Veterans Services](#) assists veterans and military-affiliated students with GI Bill benefits, offers a study lounge and helps with the transition to college life.
- **Graduate Student Advocate (Graduate Students Only):** [The University Ombuds](#) provide confidential, informal support for graduate students facing workplace issues. They help prevent problems from escalating and find solutions.
- **DataCamp-** All SDS students get free access to DataCamp. Preparing for an interview? They have several resources available to help you kick the rust off for your next technical interview. It's free to you- give it a try!
- **Burtch Works Industry Insights-** Burtch Works is a specialized Data, Analytics, and Technology talent solutions and insights company. They produce an [annual survey and report](#) on market trends in the field. They also have a website with all kinds of resources for job seekers.



Data Science and
Health Analytics In The
NEWS

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

The NC Technology Association (NC TECH) Latest Report on the IT Job Landscape

The NC Technology Association (NC TECH) has unveiled its latest update on the state's IT job landscape through its new, comprehensive [IT Job Trends Dashboard](#). NC TECH reports continued growth in IT job postings for March, the fourth month in a row. This generally aligns with the Bureau of Labor Statistics report showing overall US job growth. Additionally, a survey by NC TECH found that tech leaders in North Carolina are optimistic about growth in the next quarter, with a majority planning to hire new employees.

Read
More



From American Medical Informatics Association's (AMIA) Informatics SmartBrief Newsletter

- **CDC refines data modernization strategy** - An expanded focus on electronic case reporting is among revisions to the CDC's Public Health Data Strategy, along with reducing barriers to accessing tools, improving interoperability and making progress toward health equity, Director Mandy Cohen told the Kaiser Permanente Health Action Summit. "Investing in strong relationships and taking action together to protect health could better prepare an integrated health system to respond to the next major health emergency and improve the day-to-day health and well-being of the population," Cohen and other CDC researchers wrote in **an article** in The New England Journal of Medicine. **Full Story: GovernmentCIO Media & Research (4/12)**
- 
- The AMIA logo consists of the letters 'AMIA' in a stylized, bold font. The 'A' and 'I' are black, while the 'M' is red. Below the letters, the tagline 'INFORMATICS PROFESSIONALS. LEADING THE WAY.' is written in a smaller, black, sans-serif font.
- **Behind Sequoia Project's Taking Root initiative**- The Sequoia Project's Data Usability Taking Root Initiative aims to identify and address challenges related to data usability and help organizations implement guidance involving Health Level 7 standards and health information exchange. The initiative also underscores the importance of effective and accurate coding, which is key to ensuring semantic interoperability and that data is machine-readable, says Holly Miller, chief medical officer at MedAllies, which participates in the Taking Root initiative. **Full Story: TechTarget (4/15)**
 - **National Academy of Medicine drafts AI ethics framework**- The National Academy of Medicine's draft framework for the responsible use of artificial intelligence in health care emphasizes the need for inclusive collaboration, safety, efficiency, and environmental protection. The framework's 10 code principles and six code commitments aim to guide decision-making, promote ethical AI integration, and address concerns about potential risks. **Full Story: Health IT Analytics (4/11)**

From **Data Science Community Newsletter**- One more resource to keep in the know for new tools, events, job postings, and developing trends in data science.

- **AI SUMMARIES FOR JOURNAL ARTICLES**- There are at least three different AI tools trained to summarize journal articles. When tested against

the abstract the authors wrote about the same paper, sometimes the summaries were believed to be easier to understand. Sometimes the AIs omitted extremely meaningful sections. Sometimes the AI omitted words such as “not” that left the AI-generated summaries abjectly wrong about the studies’ conclusions. Neither the AI nor the authors consistently removed jargon. Esther Osarfo-Mensah, a biophysicist at University College of London, argues that AI-generated summaries should come with a disclaimer, though [consumer research](#) indicates that consumers often don’t read or understand how to interpret disclaimers.

- **COMMERCE DEPT AGENCY CALLS FOR INDEPENDENT AUDITS OF HIGH-RISK AI-** The National Telecommunications and Information Administration, a unit within the US Department of Commerce, released a report about the risks associated with AI. They called for both independent audits of high-risk AI systems and AI nutrition labels of most AI systems. The turn away from self-regulation (which is generally dubious!) towards third-party auditing and public-facing disclosures was predictably met with pushback from the Center for Data Innovation, which [receives funding](#) from Adobe, Alphabet, Amazon, AT&T, Intel, the Charles Koch Institute, Meta, Microsoft, T-Mobile, Verizon, and Uber among other major tech, pharma, and telecoms.

Other Newsletters and Resources:

- **Data Science Current-** A monthly Data Science Council of America newsletter.
- **Medium-** Medium is an open-source online publishing platform where anyone can publish and share insightful perspectives and useful knowledge. It has a wide-ranging offering of topics including: Programming, Data Science, Technology, Self Improvement, Machine Learning, etc. In addition to their website, they also publish a daily e-newsletter.
- **SouthBDHub-** A monthly newsletter lists news, events, and opportunities in data science, analytics, engineering, and policy.



Featured Job

OPPORTUNITIES

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

Below you will find a current listing of postings that have been shared with the SDS team or posted on the [Career Center's Hire-a-Niner site](#). We encourage you not only to apply for specific postings but also to explore and familiarize yourself with the companies and organizations actively recruiting UNC Charlotte and SDS students. In addition to these postings, we strongly encourage you to build your professional network through the Monday SDS Professional Seminars, CCI Business Partner's Program, and various networking events scheduled throughout the semester.

Featured

JOBS AND INTERNSHIPS

Below you will find a current listing of postings shared with the SDS team or posted on the [Career Center's Hire-a-Niner site](#).

Duke Clinical Research Institute- Summer Internship

The Clinical Research Institute is continuing to recruit for the Data Solutions summer internship. Candidates may email resumes to: debra.f.harris@duke.edu.

More
Info



Internships

- [Advanced Quality Analytics](#) - Intern, Davidson, NC
- [Data Analytics Intern](#), SentinelOne · United States (Remote)
- [Data Platform Engineer Co-op \(Fall Cohort\)](#), Ahold Delhaize USA, Salisbury, NC (On-site)

Jobs

- [Staff Data Engineer](#) - Hybrid, The Hartford, Charlotte, NC (On-site)
- [Engineer Data Science](#), Tata Consultancy Services, Cary, NC (On-site)
- [Data Scientist 1](#), PayPal, South Carolina, United States (Remote)

Full Job
List



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