

Updates from the Director

Congratulations to all of you on taking the journey across the stage this week. We are all so proud of the persistence and hard work required to get to this day. Whether you are earning a Certificate, a Bachelor's, or a Master's degree, this moment requires sacrifice on your part, and support from family, friends, and partners. Enjoy the day and all it represents - congratulations again!

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!

Program Updates
AND CAMPUS NEWS

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.**



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!

Graduate Students - Summer Billing

Please check your Summer account billing statements ASAP. If you see that you were billed the DSBA or HIAN increment twice, please let Carly know. She is submitting a bulk request to remove duplicate charges by May 10.

Special Topics and Electives Available for Summer and Fall

This summer and fall the SDS is excited to offer a wide diversity of elective options at the undergraduate and graduate level, from Applied LLMs, to Crime Analytics, to Agent-Based Modeling. We encourage you to explore! The full list can be found **HERE.**

- Data Feminism (WGST 3050) (Fall)- Dr. Felecia Harris: Mon-Wed-Fri., 9:05 AM - 9:55 AM, Fretwell 305, Explores how data reflects and reinforces inequalities of race, sex, and class. Examines how data can be used for social justice through a feminist lens.
- Agent-Based Modeling (Summer)- Dr. Ted Carmichael: Mon-Wed, 12:00 PM -

4:15 PM, Colvard 1017-Lecture- Introduction to agent-based modeling & its applications. Focuses on using NetLogo to build simulations

- Building & Leading Data Organizations (Fall)- Steven Jordan: Wednesdays, 5:30 PM - 8:15 PM, Dubois Center (Uptown) 504- Practical guide to managing data & information assets. Covers data strategy, governance, culture, and analytics.
- Applications of Large Language Models (Fall)- Dr. Ryan Wesslan: Thursdays, 5:30 PM - 8:15 PM, Dubois Center (Uptown) 504- Explores using large language models (LLMs) in business. Covers prompt engineering, APIs, model architectures, and ethics



Mark Your
CALENDAR

Important Dates

- **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.

Register Today for Infosys Tech Pioneer Program: Registration opens from May 6th – May 24th

The Infosys Tech Pioneer Program is a free, 6-week virtual course offered this summer to NC college students. Led by Infosys experts, you'll master Generative AI content and earn a certificate upon completion. Top performers win Amazon gift cards. Apply May 6th-24th for the June 3rd start date.

[Register Here](#)

INFY TECH PIONEER PROGRAM

Dynamic Summer Break Opportunity to Upskill in Artificial Intelligence with the Infosys Springboard USA

APPLY NOW!



Other Events AND WORKSHOPS

From empowHERed: Careers Pathways for Women in Sports

- **Monday, May 6 at 7 pm ET | Jamie Mittelman** - With a background in media and international non-profit work, Jamie is deeply committed to elevating the diverse voices of female athletes. In 2020, she founded Flame Bearers, the first media production company focused on sharing the untold stories of resilient female Olympians & Paralympians.
- **Tuesday, May 28 at 6 pm ET** | Post-Playing Career Pathways Panel featuring former USWNT players Julie Foudy, Sam Mewis, and Leslie Osborne - Join us for a discussion on the transferrable skills developed through sports and how athletes can begin preparing for their post-playing careers. Plus, stay tuned for the announcement of one more panelist!

Analytics & Big Data Society's Signature Series Event May 16, 2024

Join us to hear from each of our speakers about how they started and invested in data-powered companies. How did they come up with their ideas and how did they know if those ideas were any good? How did they know if/when to pivot? How did they make funding decisions?

We will kick off with a 15 minute presentation from each speaker, followed by a lively Q&A. Afterwards, we'll host our Data & Brews Happy Hour event.

Register Here



ABDSOCIETY Presents

Tales from the Trenches

Starting and Running Data Powered Companies

2024 Signature Series Event

5/16/24 ♦ 6PM ♦ LendingTree

Panel discussion followed by Data & Brews Happy Hour

Doug Lebda, CEO of LendingTree
Rishi Bhatnagar, Founder of Quaeris
Ashley Gautreaux, Partner at CreativeCo

Campus Resources
and Policies

Dress for Success: Career Center Professional Closet

The University Career Center operates a professional clothing closet where students can select professional attire needed for an interview, career fair, networking event or everyday work. Please consider donating unused and gently used business professional and business casual attire to the closet.

From Graduate Students: Apply to Participate in a STEM Communication Training Program (From The Reynolds Center for Graduate Life and Learning)

Are you interested in a \$300 paid STEM communication training opportunity? The CGLL is recruiting grad students from all disciplines to participate in a cutting-edge new program that will begin this August and is offered over the 2024- 2025 academic year! The training is being evaluated through an NSF-funded research study (IRB-

24-0530). To learn more and to apply to participate, please visit [our STEM Communication Training page](#), or see if you are eligible [here](#).



THOMAS L. REYNOLDS
CENTER FOR
GRADUATE
LIFE & LEARNING

DataCamp is Free for SDS Students

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!

Data Science and Health Analytics In The **NEWS**

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

From American Medical Informatics Association's (AMIA)

Policy brief explores relationship between digital inclusion, health equity-A policy brief in Health Affairs explores the bidirectional connection between health equity and digital inclusion, or access to affordable broadband service, high-quality devices, training and technical support. The brief outlines progress toward digital inclusion and presents opportunities for the health sector to support inclusion through advocacy, outreach, digital health skills training, and data analytics. Full Story: [Health Affairs](#) (5/2)

Medical boards group adopts AI best practices report

A [report](#) adopted by the Federation of State Medical Boards' House of Delegates outlines best practices for the responsible, ethical adoption of artificial intelligence in clinical practice. Clinicians who use AI are responsible for following standards of care and justifying their rationale for following or overruling AI tools' recommendations, according to the guidance. Full Story: [Health IT Analytics](#) (5/6)

Data Science Current- A monthly newsletter Data Science Council of America.

- The Marvels of Generative AI: Key Concepts and Use Cases Imagine a tool so versatile that it can compose music, generate legal documents, assist in developing vaccines, and even create artwork that seems to have sprung from the brush of a Renaissance master. This isn't the plot of a sci-fi novel but the reality of generative artificial intelligence (AI). Generative AI is transforming how we approach creativity and problem-solving across various sectors. Ayesha Saleem, April 29, 2024- [DATA SCIENCE DOJO](#)
- [Is Sam Altman Crazy or a Genius? \\$50 Billion AGI Gamble Explained!](#) In a series of candid discussions, Sam Altman, the CEO of OpenAI, has made bold statements about the future and financial commitment of his company towards achieving Artificial General Intelligence (AGI). His vision represents a significant shift in the development of AI technologies, emphasizing the transformative potential of AGI across various societal sectors. Nishat Tiwari, MAY 3, 2024- Analytics Vidhya



Digital Health Highlights for April 2024

Digital Health Highlights is a monthly publication on industry trends curated by Dave Lake. It offers insights on market trend reports, strategy consulting for innovation, and business development to bring strategies to market. Their April newsletter reports on Athenahealth, Brand Engagement Network (conversational AI) debuts in healthcare, and concierge medicine surges with hospital adoption. Q1 digital health funding sees adjustments.

- **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.
- **empowHERed-** Focuses on women in the sports industry they offer webinars, a newsletter, and networking events to our Mentor Program and Career Pipeline.
- **KDnuggets-** KDnuggets is an online site for Data Science, Machine Learning, AI, and Analytics, edited by Matthew Mayo. KD stands for Knowledge Discovery.
- **Kaggle-** Kaggle, owned by Google LLC, is a platform and community for data scientists and machine learning practitioners. Users can discover and share datasets, create models in a web-based environment, collaborate with others, and compete in data science challenges.



ADSA
Data Science
Community
Newsletter



Faculty & Staff

NEWS

SDS Faculty Win Research Awards

Dr. Hamed Tabkhivayghan: 2024 SDS Outstanding Faculty Research Award winner, leverages AI and data science to enhance public safety, health, and well-being. Leading multidisciplinary projects with \$5M in funding, he translates theory into real-world impact. A thought leader, he recently keynoted the NSF Smart and Connected Communities meeting. His prolific research includes 12 journal articles and 27 conference papers in just 3 years.



Dr. Liyue Fan: 2024 SDS Outstanding Junior Faculty Research Award winner, tackles privacy challenges in AI and data science. Her research focuses on quantifying information leakage and developing privacy-enhancing methods, maximizing utility while protecting data. A rising star (MIT's "Rising Star in EECS"), she's secured NSF grants and co-authored 8 publications with UNC Charlotte students in just 3 years.



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](#).

Contract Hire Positions with FDM Group

Following up on our Monday Seminar last month, [FDM](#) is a global talent consultancy founded in the UK. They are actively recruiting talent to place in the Charlotte area. More information about careers can be found [here](#).



- **National Gypsum: Summer Intern - Data Science & Analytics:** Undergraduates only, They are seeking a highly motivated Summer Intern to join our Data Science and Analytics team. This role is ideal for a student interested in gaining hands-on experience in supply chain and manufacturing analytics.
- **UnitedHealth Group Intern | Minnetonka, MN-** UnitedHealth Group internship opportunities will provide a hands-on view of a rapidly evolving, incredibly challenging marketplace of ideas, products and services. You'll work side by side with some of the smartest people in the business on assignments that matter. Interns will dig into the reporting process and investigatory concepts to identify and assist with innovative and efficient solutions to allow our company to continue to be successful in the months and years to come. Responsibilities include: performing quantitative and qualitative data analysis; assisting with business development; contributing to reports and business proposals; and project management. [Learn more on their website.](#)
- **DA CDRH Summer 2024 Research Participation Program | Silver Spring, MD | Applications due June 30-** The Oak Ridge Institute for Science and Education (ORISE) Research Participation Program at the U.S. Food and Drug Administration are educational and training programs designed to provide students and recent graduates, opportunities to participate in project-specific research and developmental activities at the Center for Devices and

Radiological Health (CDRH). The mission of CDRH is to protect and promote public health. CDRH assures that patients and providers have timely and continued access to safe, effective, and high-quality medical devices and safe radiation-emitting products. Participants will have an opportunity to gain hands-on research experience on a variety of regulatory research projects related to CDRH's mission. The program is designed for participants to engage with an expert mentor or mentors during the summer to examine a question of interest related to those projects within the placement office. Past projects have been related to; evaluation of acoustic noise levels in neonate, tools for regulating 21st-century microbubble products for pharmaceutical delivery, biological sex differences in the safety of vagus nerve stimulation, bioprinting materials performance assessment, microelectrode array recordings from induced pluripotent stem cell-derived neurons, machine learning in image reconstruction, and optical performance characterization of mixed reality devices. [Learn more on their website.](#)

- **The Graduate School: Apply to Become a Graduate Admissions Ambassador!** The Graduate Admissions Office is looking for a dynamic group of currently enrolled graduate students to serve as Graduate Admissions Ambassadors for the 2024-2025 academic year to help recruit and enroll the graduate class. Ambassadors are well-positioned to connect with prospective applicants given their unique experiences and perspectives as enrolled graduate students. More information about the opportunity can be found in the application. Please contact ellie.ivey@charlotte.edu with additional questions.

Internships

- [Data Scientist Intern](#), Faire, Charlotte, NC
- [Data Analyst Intern](#), C1, United States (Remote)
- [Summer Analyst Internship](#), Cognosante, United States (Remote)
- [Data Scientist/Analyst Internship](#), Infenera, California, United States (Remote)

Jobs

- [Managed Services - Data & Analytics](#) -AI QE Analyst - PwC, Charlotte, NC (On-site)
- [Data Scientist II](#), Santee Cooper, Moncks Corner, SC
- [Junior Business Analyst and Data Analyst](#), AstaCRS
- [Data Scientist](#), Lowe's, Charlotte, NC
- [Data Scientist-](#) Store Inventory, Lowe's, Charlotte, NC

Full Job
List



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

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