UNIVERSITY OF NORTH CAROLINA CHARLOTTE | SCHOOL OF DATA SCIENCE

Updates from the Director

Welcome to our latest edition of the SDS Newsletter. In addition to our regular series of professional and research seminars, we also have a new SDS Alumni Networking Event on the calendar for the end of this month. This will be a great chance for current students to connect with SDS alumni from across the Charlotte region. More information and a link to register are below under Graduate Council Student News. This week we will also relaunch our SDS Resume Book. We encourage students actively seeking a Spring 2024 internship to submit an updated resume **HERE**. We will share this with our Industry Advisory and community partners. If you have not scheduled a resume review with the Career Center please do so TODAY! The Career Center's Technology, Data, & Analytics Career Community will also kick off a full week of events September 25-29, 2023. **Click here for more information**.

Finally, for those of you who survived the crush of the Career Fair last week, let me remind you that each Monday we have opportunities for you to meet and network with local employers with the lines and mild chaos. Coming up for the **Monday Seminars are Bank of America and Amissa. Sign up and plan to attend!**

-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*

- **September 22, 2023:** Deadline to apply for December 2023 Graduation*
- **October 2, 2023**: Spring 2024 Schedule of Classes available on the web
- **October 2, 2023**: *Undergraduate* Student registration appointment times available

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 Seminars are back

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

- **September 25, 2023**: **Cultivating Culture in Data Science: The Key to Team Performance, Innovation, and Inclusion** - Jessica Dunn **@Bank of America**

- **October 2, 2023**: **'Getting' Started with Git Hub** - Colby T. Ford, Ph.D., Principal Consultant, **Tuple**, LLC. and VP of Technology **@Amissa**

Register Now!

Wednesday HI Research Seminars

Wednesdays @ 4:00 pm | Virtual Sessions

- **September 20, 2023**: **Understanding Context: A Culturally Sensitive Approach to Treating in African American/Black Communities** - Jonathan Livingston, PhD and Milicia Tedder, PhD, NC Central University

- **September 27, 2023**: <u>Patent Portal Utilization: Understanding the Role of Technology Sophistication and Multimorbidity</u> - Elijah Asagbra, PhD, MHA, Ashley Burch, PhD, Fernando Chivela, MS, East Carolina University

AI Health Virtual Seminar: 7 Problems Facing Artificial Intelligence for Health (and what's being done about them)

September 19 at 6 AM ET

Artificial Intelligence has been promoted as the key to solving key problems in healthcare, but the challenges facing us are complex and sometimes intractable – with potential even to bring harm. In this 1-hour seminar, we'll discuss this landscape at a high level, including a history of unrealistic expectations, overhype that too often permeates this space, serious issues of bias and fairness, and other areas. We'll discuss illustrations and case studies drawn from the current scientific literature, informed by AI Health's longstanding Weekly Roundup of news and publications in AI. We'll also talk about the researchers and approaches that are informing responses to these problems, and the opportunities that exist to actively develop ethical and equitable data science.

Learn More

5th NOAA AI Workshop on Leveraging Artificial Intelligence in Environmental Sciences

Virtual | September 19 - 21

This year's interactive, virtual workshop will focus on collaboration building and active development of AI-powered applications and community standards. The team invites developers, data scientists, domain experts, social scientists, and downstream users to form small teams around different use cases that are relevant to NOAA mission areas.

Learn More

Annual Tech, Data & Analytics Week: September 25 - 29, 2023

Mark your calendars, the Career Center will host its annual Tech and Data Week of workshops and employer networking events in late September. Keep an eye on the

Career Center Calendar of Events for more information.

NCHIMSS Annual Conference "Healthy Living: The Intersection of Technology and Wellness"

October 2 - 3, 2023 | Raleigh, NC

The **keynote speakers and agenda** have been released for the upcoming HIMSS NC Annual Conference! Register by September 12th for reduced pricing! Book your room ahead of time at the **Raleigh Marriott Crabtree Valley**.

NC Job Tech Expo

October 11, 2023 | 8:30 AM - 1:30 PM | Virtual

NC TECH will host a Job Seeker Webinar on October 6th at 11:00 AM. A representative from Premier Virtual will demonstrate how to create your profile, explore companies and active job postings, and tips on using interview scheduling, chat, and video tools. There will also be time for questions. Click **HERE** to register. The EXPO is primarily focused on candidates seeking tech related jobs/careers and internships. Whether actively seeking a job or interested in learning more about the participating employers, we encourage you to register and upload a resume. Registered seekers will receive more information from NC TECH leading up to the EXPO. Job seekers at all career levels are encouraged to register from seasoned executives to professionals just entering the workforce.

OUR Scholar Applications due October 15th

The Office of Undergraduate Research is offering the opportunity to engage in mentored research with faculty in your field, learn more about your content, build your resume, and network with other professionals with shared interests - all while earning up to $2,000 for doing research in one semester! Student applications will be open from **September 15 through October 15, 2023.**

Learn More!

Student RESOURCES

Are you graduating in December?

Students who are planning to graduate in December must **apply for graduation through Banner** by September 22nd. Once a student has applied for graduation the registrar's office will follow up with additional commencement information, including the ceremony schedule beginning in October. Undergraduate students can email **graduation@charlotte.edu** with any additional questions and Graduate students can email **gradgraduation@charlotte.edu** with any additional questions.

Start Planning for Summer Internships and Job Placements

Did you know that the Charlotte career center used a **Career Community model** that allows students to make sure they get specific career information that applies to their areas of interest? We highly recommend that all Data Science students join the **Career Community in Technology, Data, and Analytics**!

The Week of September 25th the Career Center will be focusing on our career community, which means lots of events that focus on you and your career interests! Get tuned in and start networking for those summer internships and job opportunities now!

Check out the events!

Data Science and Health Informatics In The NEWS

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

NSF wants safety built in to generative AI

The National Science Foundation's new Safe Learning-Enabled Systems program is challenging the research community to apply construction and manufacturing safety principles to generative artificial intelligence so that the software is designed to remain safe as it is fed more data. Generative AI systems are fundamentally lazy and take shortcuts, "so if you give them limited data, they're going to be limited systems," said Michael Littman, director of the NSF's Division of Information and Intelligent Systems. Full Story: **Federal News Network/WFED-AM** (Washington, D.C.) (9/12)

How to prepare for advanced AI in healthcare

The University of Rochester Medical Center has optimized GPT4 generative artificial intelligence inside Azure to direct incoming MyChart messages to the appropriate staff member, and while the technology has worked well, experts such as Aaron Neinstein, chief medical officer at Notable Health and a HITAC member, urge caution. Healthcare IT leaders should be preparing for generative AI by establishing AI governance committees and policies, says URMC Chief Digital Health Officer Michael Hasselberg. Full Story: **Healthcare Innovation** (9/12)

We will soon be gearing up for another fun semester with the graduate student council! Please stay on the lookout for events, workshops, and internship opportunities on our Instagram page @sdsstudentorg.

Join us on September 29, 2023 at Armored Cow Brewery for the DSBA alumni event! Delicious hor d'oeuvres will be provided. This is an amazing opportunity to meet our alumni, make some industry connections, and chat about cool data science things- and get SDS SWAG!

SEPTEMBER 29TH 2023 · FRI 5:00PM
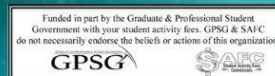
JOIN US THIS FRIDAY!

THE SCHOOL OF DATA SCIENCE

ALUMNI EVENT SOCIAL

PRESENTED BY

SDS STUDENT ORG

ARMORED COW BREWING (10 MIN WALK FROM JW CLAY BLVD) | FOOD * DRINK * NETWORK APPETIZERS WILL BE SERVED

REGISTER!

Hackathons

Registration is open for **Hack NC** which will be held in Chapel Hill, NC the last weekend of October. Registration will be closing soon so jump on this ASAP. Hackathons are a great way to gain some real-world experience and build your network. You can even win some money like a **team of UNC Charlotte students did last fall!**

Datathon

NORTH CAROLINA EDUCATION DATATHON

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

Association of Data Science

(UNDERGRAD STUDENT ORG)

The Association of Data Science was excited to welcome twenty students to our first meeting of the year!! Students are always welcome to join our next meeting on September 21st, at Woodward 106, 6 – 7 pm We have pizza! More details coming soon on Niner Engage and Instagram.

Additionally, we are looking for students who want to take the lead in assisting with upcoming events we have in mind. Keep your eyes peeled! Email our event coordinator, Maria Eduarda (mcramerf@charlotte.edu), if you're interested.

Sports Analytics Club

The Sports Analytics Club was excited to start meeting again this fall and welcomed more than 65 people to our first meeting last month. For anyone interested in attending meetings, we meet every Thursday at 5:30 pm in Room 155 of the Friday Building and look at sports through an analytical and data driven perspective. Meetings are open to anyone and everyone. We are looking forward to Dean of SDS, Doug Hague, and Sports Analytics Professor, John Tobias, as guest speakers at our meeting on September 21.

For more information and updates on upcoming events, follow us on Instagram: @cltsportsanalyticsclub

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

Premier Inc. Charlotte, NC (Hybrid) - Data Science Intern

This position will have responsibility for supporting the data science team with product development and analytics research and development. Apply knowledge of statistics, programming, data modeling, and other mathematical techniques to recognize patterns, identify opportunities, pose business questions, and make valuable discoveries leading to prototype development and product improvement.

- Experience: Data Modeling, Healthcare Data, Structured Query Language (SQL)
- Open to undergraduate and graduate students.

Honeywell, Charlotte NC- Future IT Leaders Summer 2024 Internship

In the Future IT Leaders program you will be fully integrated into day-to-day operations of a team focused on the area of IT that aligns with your knowledge,

skills, interests, goals, and overall career objectives. You will be working assignments with real business impact, learning how to leverage contemporary technologies to attain business results, gaining relevant work experience, interacting with multiple IT stakeholders including IT leadership, and building your knowledge of how to be successful in Honeywell's complex work environment. **Recruiting now for summer 2024.**

Honeywell

Full-Time Positions

- **Data Scientist**: U.S. Customs and Border Protection · Ashburn, VA (On-site)
- **Data Analytics Engineer:** Procter & Gamble · Greensboro, NC
- **Cyber AI Engineer and Researcher**: Booz Allen Hamilton, Washington, DC (Hybrid)
- **AvidXchange, Charlotte NC**- Recruitment for a variety of technology, engineering, business operations, and sales internship opportunities for 2024.

Internships

- **Internships in Data Science, Operations Research, Math and Statistics**: MITRE, Mclean VA
- **Data Engineer Internship (Summer 2024):** Principal Financial Group · Charlotte, NC (Remote)
- **Summer 2024 Data Science Intern**: Mutual of Omaha · Omaha, NE (Remote)
- **Logistics Quality & Process Analyst**: Continental, Fort Mill, SC- Intern
- **Data Science Intern**: The Hartford
- **Tech Catalyst Intern: Data Engineering**: The Hartford

Alumni
CORNER

Updating Alumni Information

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@uncc.edu**.

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

GROUPME

SLACK CHANNEL