Updates from the Director

And we are OFF! Welcome both new and returning SDS students. We trust that your semesters are all off to a successful start. These last few weeks have been a whirlwind, and this next couple looks to be just as exciting. The word for this semester is the same as in the past- **NETWORK**! This Friday **ALL SDS Students** are invited to attend our *SDS Kick-Off event @ 11:00 am*. More information is below but this will be a chance to meet and network for both our undergraduate and graduate students, and to connect with faculty and staff. Stop by for some SDS SWAG. Venturing off campus, next Monday we will kick off our *2024 SDS Professional Seminars.* We are pleased to welcome Wells Fargo on August 28th and Compass Group on September 11th. On Wednesday of that week, the *Health Informatics Seminars* Series kicks off. The SDS Professional Seminars will be in person on the uptown campus. The Wednesday HIA Seminar is virtual. Both events will be at 4:00 pm. In addition to these SDS events keep an eye out for Special Events with *Career Center*, and *CCI Business Partners Program*. We hope that all of you will take advantage of these networking and learning opportunities throughout the semester.

One final note, a "pro-tip"- make sure to open the full newsletter. We have so much content that most of the SDS Newsletter does not show up in the email preview. We put the Internship and Jobs listings at the end!

-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*

- **August 25, 2023:** SDS Kickoff Event
- **August 26, 2023:** Saturday classes begin
- **August 28, 2023:** Last day to add, drop a course with no grade* @ 11:59 pm *Payment Information*
- **September 1, 2023:** Census date for Fall Enrollment
- **September 1, 2023:** Niner Course Pack Last Day to Opt-Out Niner Course Pack Information
- **September 2, 2023:** No Saturday Classes
- **September 4, 2023:** Labor Day - University Closed

SDS Student Kickoff Event

Join your classmates on **August 25** as we celebrate the start of a new semester! Games and food will be provided while you catch up with new and old friends and classmates. Both undergrad and grad students are welcome!

Monday Professional Seminars Begin
August 28th at 4pm!

Each semester the SDS is pleased to welcome to the campus community and business partners to meet face-to-face with our students. Seminars are held on the Center City Campus, the Dubois Center from 4:00-5:00 pm on Mondays. This year we will welcome representatives from **Wells Fargo, Compass Group, Tepper Sports, Bank of America,** and many more. Find the full list of seminars and **Register Here**.

Connect with the NC Health Informatics Research Community: HI Research Seminars

Wednesdays @ 4:00 pm | Virtual Sessions

The Informatics Research Seminar Series is sponsored by Duke University in collaboration with the University of North Carolina-Chapel Hill (UNC-CH), North Carolina Central University (NCCU, Durham, NC,), University of North Carolina-Charlotte (UNC-C), East Carolina University (ECU, Greenville, NC), and Wake Forest University (WFU, Winston-Salem, NC). This series explores key areas in Health Informatics and includes research results, an overview of programs of research, basic, applied, and evaluative projects, as well as research from varied epistemological stances. **Fall Seminars begin Aug 30th!**

CCI Fall 2023 Career Fair - Register Today!

September 7, 2023 | 10:00 am - 2:00 pm | Barnhardt SAC Salons

The College of Computing and Informatics has invited several of its partners to participate in a CCI-only career fair. This career fair is exclusive to CCI students-that means it is open to graduate and undergraduate students in the DSBA, HIA, Sports Analytics, and the BS in Data Science. Representatives from The Hartford, TIAA, Duke Energy, Lowes, and Avaid Exchange will be participating, but you must register in advance.

REGISTER TODAY

WiDS Worldwide Conference

September 14 - Virtual

Sign up for the **WiDS Worldwide Conference,** a FREE online event - welcome to anyone interested in data science. While the School of Data Science holds its annual WiDS Conference in March, this virtual event is hosted by Stanford WiDS rather than the Charlotte chapter. You may review the **agenda** and choose to watch the entire event or a portion of it (it will be 5 hours in length total).

WOMEN IN DATA SCIENCE WORLDWIDE VIRTUAL CONFERENCE

SEPTEMBER 14, 2023

REGISTER!

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.**

To Learn More and Register for Upcoming SDS Events Visit the SDS News & Events Page

Career Center Resources for SDS

If you have not connected with **UNC Charlotte's Career Center** yet- what are you waiting for? The Career Center offers **in-person and virtual meet-ups** to explore career fields, resume writing, Effective LinkedIn profiles, etc. In addition to scheduled workshops, they have regular "walk-in" office hours and a variety of online **Career Programs**.

Planning on a Spring 2024 Internship?

Visit the respective web pages for the HIA and DSBA internships. Each site has links to the most recent course syllabi and resources on how to prepare to submit a successful proposal. Please make sure to bookmark the **Career Center's DS aggregator.**
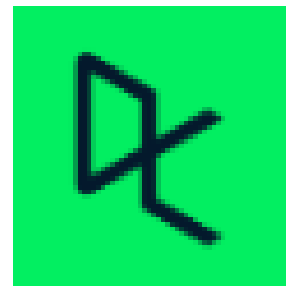- **HIA Internship Course**
- **DSBA Internship Course**

Student Social Media Features!

The School of Data Science wants to continue giving our excellent students the chance to share their experiences being a part of SDS and UNC Charlotte as the new Fall term approaches. For a chance to be featured in our blog and social media, email **Lindsay Lennon (lindsay.lennon@charlotte.edu)** from our Communications team!

Welcome to DataCamp!

The School of Data Science and the College of Computing and Informatics recently signed a trial agreement with **DataCamp**. All SDS students *actively enrolled* for summer or fall 2023, and all SDS faculty, have **FREE** access to the full suite of training modules, and access to learning resources on hundreds of topics in the field of data science. Visit your program's website (**HIA, DSBA, BSDS**) under "Bootcamps" to request a free account (or join UNC Charlotte's platform with their existing account).

We have also developed two custom tracks: SDS R Bootcamp and SDS Python Bootcamp. These boot camps are specifically designed to help students enhance their programming abilities and gain confidence in using R and Python, which are widely used programming languages in the field of data science. Upon completion of each boot camp, a statement of accomplishment will be issued, which can be shown to course instructors upon request.

Jamil Niner Student Pantry

Given that inflation has caused the price of food to rise dramatically, remember that the Jamil Niner Student Pantry provides nutritious foods every week to currently registered UNC Charlotte students. **Visit their site for the shopping schedule.**

Keeping Current: Newsletters to Subscribe To and Free Reports

- **Informatics SmartBrief- From AMIA-** Looking for daily updates on Health Analytics trends and resources? Informatics SmartBrief is published by the American Medical Informatics Association. It is a daily newsletter that aggregates news articles and research announcements from across the web.

- **Burtch Works (Tracking Data Science Career Trends)-** This is a talent sourcing and consulting firm that produces an insightful annual report on salary and job trends in Data Science and Analytics. You can download their free annual Salary Reports here.

- ***Data Science Central- Website and Newsletter*** - Data Science Central is an online resource for data practitioners. From Statistics and Analytics to Machine Learning and AI, Data Science Central provides a community experience that includes a rich editorial platform, social interaction, forum-based support, and the latest information on technology, tools, trends, and careers. Follow us on Twitter and LinkedIn to stay up to date on trending topics and events.

- **North Carolina Technology Association (NC TECH) (IT Job Trends)**- NCTECH is a North Carolina-based group that tracks employment trends, across the state. They sponsor **Job Fairs**, host a **Job Board**, and published a monthly **Job Report(June 2023)**, and a regular **NCTECH Newsletter**.

POLICY UPDATES & IMPORTANT REMINDERS

- **Incomplete Grades= U??** - An important reminder that there is a time limit for Graduate and undergraduate courses on all Incomplete grades. After 12 months the "I" will automatically convert to a "U." Incomplete grades that were assigned *in Summer 2022* will default to Unsatisfactory at the *end of Summer 2023*. To avoid suspension or termination the grade must be submitted no later than noon August 14, 2023.

- **Classes Start**: The first day of the fall semester is Monday, August 21st. Unless registered for online classes students are expected to be present on the first day.

- **Laptop Policy**: The University adopted a new "BYOD"(Bring Your Own Device Policy) in 2021. All students are required to have a personal laptop computer to support their college experience. The School of Data Science recommended that our students follow the university specification regarding hardware.

- **Textbooks**: Most of the course textbook requirements should have been posted to your individual class Canvas sites. More information about the Niner Course Pack option is below, but you can find general information regarding the campus bookstore and textbook options **HERE.**

- **Academic Integrity**: The University of North Carolina at Charlotte embraces an academic community committed to fostering teaching, scholarship, service, inclusion, and the overall growth of its students. At the heart of this community lies a fundamental value: academic integrity. We recognize the significance of cultivating an environment that upholds honesty, fairness, trust, respect, and shared accountability. We encourage all students to review and understand the University's Code of Student Academic Integrity.

Spring 2024 OUR Research Scholars Program

Attention SDS Undergraduate Students: Are you interested in participating in a research, scholarly, or creative project? The Office of Undergraduate Research (OUR) is pleased to announce that they are now accepting submissions for the **Spring 2024 OUR Research Scholars Program**. The deadline for submission is September 15. The program is FWS eligible, but not required. APPLY TODAY!

Faculty & Staff News

We are pleased to welcome several new faculty members to the SDS team this fall:

- **Kornelia Bastin, Ph.D.**- Dr. Bastin is a Vice President and Lead Data Scientist for Truist Bank. Her research focuses on text analytics using NLP, Machine Learning, Deep Learning, and Neural network techniques together with visualization. This semester she will teach a section of DSBA/MBAD 6201 Business Intelligence and Analytics.

- **Sabyasachi (Sabby) Gupta**- Sabby Gupta is currently a partner at Apexon. He brings a deep and diverse range of experiences working in health sciences and consulting. This semester he will be teaching HCIP 6393 Advanced Health Data Integration.

- **Steven Jordan**- Steven Jordan is currently a Senior Manager for Client Experience Analytics at Vanguard. Steven is also an alumnus of the DSBA Master's program. This fall he will be teaching a section of DSAB/HCIP 5122 Visual Analytics and Storytelling.

- **Samira Shaikh, Ph.D.** - Samira Shaikh is currently the Director of Data

Science at Ally Bank. Formerly she was an Associate Professor at UNC Charlotte. We are exceptionally pleased to welcome her back to campus this fall. Dr. Shaikh will teach DSBA 6165 AI and Deep Learning.

Data Science and Health Informatics In The NEWS

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

Google DeepMind tests virtual life coach:
Google DeepMind is working with Scale AI on a virtual life coach based on generative AI designed to help users improve skills or learn new ones, plan budgets, and develop diet and exercise plans. Google is also testing generative AI for scientific, business and creative writing, and tools that explain graphs, among other applications. Full Story: **The New York Times** (8/16)

Use of AI tools increases at HHS:
HHS has reported 163 instances of artificial intelligence use cases in fiscal 2023, almost three times as many as last fiscal year. Most of the AI tools are used by the NIH, including ones to classify HIV-related grants, with the FDA having the second-highest number of uses at 44 and the Administration for Strategic Preparedness and Response using 25 AI tools. Full Story: **FedScoop** (8/15)

Physicist: Quantum computing, not AI, will be game-changer:
Theoretical physicist Michio Kaku says generative AI will increase productivity and benefit society overall, but both the potential benefits and risks have been overhyped. Quantum computing, on the other hand, vastly increases computer processing power, works more like the human brain and will advance research on cancer, Parkinson's, Alzheimer's and other diseases. Full Story: **CNN** (8/13)

Graduate STUDENT COUNCIL

We will soon be gearing up for another fun semester with the graduate student council! Please watch for more information to come regarding officer elections, and consider running for a position. We have many to fill this Fall! :)

Association of Data Science
(UNDERGRAD STUDENT ORG)

The Association of Data Science is excited to kick off a new academic year! The group invites all interested students to come to meet club officers and sign up to be added to the organization roster at one of the upcoming kick-off events in August or the first meeting in early September. Meetings for the fall 2023 semester will take place on the 1st and 3rd Thursday of the month at 6:00 pm. All questions about the group can be directed to the group through **Niner Engage**.

- **Student Organization Showcase** - Saturday, August 20th @ 3pm in the CHHS/COED Plaza
- **The School of Data Science Kick-Off Event** - Friday, August 25th @11am in the North Main Quad
- **First Organization Meeting** - Thursday, September 7th @ 6pm - location TBA

Featured Job
OPPORTUNITIES

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

Full-Time Positions

- **Data Scientist** - Full-time Intern Conversion - Oracle
- **Decision Scientist** - Meta
- **Data Scientist** - Visa
- **Data Scientist** - U.S. Customs and Border Protection
- **Principal Data Scientist** - Labcorp

Internships

Heads Up: Presidential Management Fellows Application Dates

The PMF Program Office is happy to announce the dates for the upcoming PMF Class of 2024 Application, which are as follows: opening Noon, Tuesday, September 12th and closing Noon, Monday, September 25th, 2023. These dates have been posted **here**.

Sessions for graduate students/potential applicants will be held in August/September. Click **here** to learn more about those sessions, and for additional details on the PMF Class of 2024 Application.

- **Products & Tech - Data Privacy & Governance Intern** - Summer 2024- PwC
- **Software Engineer Intern Data Science and Solutions** - Oklahoma City Thunder
- **Global Quantitative Analytics Summer 2024 Analyst** - Bank of America
- **Data Analyst Intern** - Fall 2023 - Milliman\'s Seattle Health Practice
- **Data Scientist Intern 2024** - IBM

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 |