



School of Data Science
UNC CHARLOTTE

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SDS students,

Good luck with all your midterms!

Half way through the semester and we'll say that things seem to be looking better for the summer and fall semesters. Just so you are aware we are planning on being back to a normal schedule for the Fall semester with most of our classes being face to face. For courses with multiple sections we are working to have one course that will still be taught online for those that have that preference. We look forward to hosting our first face to face event so I can finally meet many of you!

Finally, we know some of you are looking for internships (including our undergrads). Companies are still sending opportunities for both M.S. and B.S. student internships so make sure to watch for these and apply!

As always, please reach out to [Josh Hertel](#) or [Carly Mahedy](#) if you have any questions.

Important UPDATES

Upcoming Important Events and Dates

March 15 - Fall 2021 Schedule of Classes available on the web

March 17- **Wednesday Seminar: A Day in the Life of a Decision Scientist, Presented by Fifth Third Bank**

March 23- *The Novant Health DPS Student Team Member Program Speaker Event*

March 23- DSBA Advising Session I and HIA Advising Session I

March 25- DSBA Advising Session II and HIA Advising Session II

March 24th- Wednesday Seminar: **Truist** Innovation and Analytics COE Information Session

March 25, 2021- Last day to withdraw from course(s) @ 11:59 pm; grade subject to Withdrawal Policy ([Policy Info](#))

April 5, 2021- Registration for Summer and Fall 2021 begins

April 7th- Wednesday Seminar: SDS State of the School Roundtable

Last day to withdraw from courses: March 25th

If you are considering a full or partial withdrawal from your spring classes please note that while the deadline is the same for self withdrawal, the policies are different for Graduate and Undergraduate students:

- **[Graduate Withdrawal Policies and Procedures](#)**
- **[Undergraduate Withdrawal Policies and Procedures](#)**

Also, a reminder that **graduate students will NOT** have the option to change a standard letter-graded course to P/U during the Spring 2021 semester.

Graduate students are held to a higher standard and have had ample time to make an informed decision about their registration during these challenging times.

Summer 2021 Internships- DSBA and HIA

On February 24th, SDS held a workshop on best practices for securing an internship. You can replay the session [here](#). For more information on the internship requirements, how to secure a placement, and/or how to submit a proposal, please visit the program websites:

- [DSBA Internship](#)
- [HIA Internship](#)

Proposals for a summer 2021 internship must be submitted no later than **Friday, May 14th**, ten days prior to the start of Summer Session classes.

Advising and Registration for Summer and Fall Courses

Registration begins Monday, April 5th. Be sure to attend a group advising session to prepare (details below) and submit your authorization requests ASAP using the [Summer](#) and [Fall](#) request forms.

DSBA and HIA Group Advising Sessions:

Summer and Fall Registration will open up on **April 5th**. The School of Data Science will hold virtual advising sessions for Graduate students enrolled in the DSBA and HIA programs on **March 23rd and 25th at 4:00 pm**. Please choose the day most convenient for you and plan on attending the session. ***Please see below for additional information on each session.***

We will discuss summer and fall course schedules, special topics courses, and the registration process.

DSBA Advising Sessions:

March 23rd, 2021:

Topic: DSBA Group Advising Session I

Time: Mar 23, 2021 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://uncc.zoom.us/j/98882295823>

Meeting ID: 988 8229 5823

March 25th, 2021:

Topic: DSBA Group Advising Session II

Time: Mar 25, 2021 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting
<https://uncc.zoom.us/j/98417432025>

Meeting ID: 984 1743 2025

HIA Advising Sessions:

March 23rd, 2021:

Topic: HIA Group Advising Session I

Time: Mar 23, 2021 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting
<https://uncc.zoom.us/j/91747889219>

Meeting ID: 917 4788 9219

March 25th, 2021:

Topic: HIA Group Advising Session II

Time: Mar 25, 2021 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting
<https://uncc.zoom.us/j/96033543691>

Meeting ID: 960 3354 3691

New Special Topics for Summer/Fall 2021

DSBA 6010: Special Topics in DSBA: From Data to Decisions: Informed Leadership - Tuesday-Thursday Evenings, Online- Synchronous; Dr. Ahmed

Semester: Summer 2021

Description: The goal of this course is to help students see the use of data as an asset; especially how analytics helps leaders/managers make decisions by producing actionable insights for them. **Business Analytics Elective**

DSBA 6010: Special Topics in DSBA: Text Mining and Information Retrieval - Saturday Mornings, Center City Building; Dr. Niu

Semester: Fall 2021

Description: Text data play an essential role in our lives. Since we communicate using natural languages, we produce and consume a large amount of text data every day on all kinds of topics. The explosive growth of text data makes it impossible for people to consume all the relevant text data in a timely manner. The availability of text data has also created unprecedented opportunities to leverage computational and statistical approaches to turn raw data, especially raw text data, into actionable knowledge. This course covers

general computational techniques for analyzing large amounts of text data as well as basic techniques for information retrieval. By introducing text mining (TM) and information retrieval (IR) in a unified framework, this course emphasizes the importance of integration of IR and TM needed to build the two major types of text information systems, i.e., search engines (such as Google, MS Bing, etc) and text analytics systems, for text information access and text analysis. **Data Science Elective**

DSBA 6010: Special Topics in DSBA: Data Privacy - Wednesday Afternoons, Main Campus; Dr. Fan

Semester: Fall 2021

Description: Personal data today is aggregated at large scales, increasing the risk of privacy violations or breaches in critical sectors (e.g., health care, automation, and finance). Current laws such as HIPAA and GDPR protect personal data in the United States and around the world. The course will cover privacy-enhancing technologies from data de-identification to the state-of-the-art differential privacy research (e.g., deployed at Apple and the Census Bureau). We will also include broader discussions around topics such as data governance, ethics, and algorithm fairness. Material will touch on issues and methodologies from data mining/machine learning, databases, cryptography, distributed systems, law, policy, medical informatics, and statistics.
Data Science Elective

DSBA 6010: Special Topics in DSBA: StoryTelling - Wednesday Evenings, Center City Building; Dr. Hague

Semester: Fall 2021

Description: Learn how to take your analytics and data science results and turn it into a presentation to senior leaders in your company. You will learn how to simplify your visualizations as verbally present your materials. **Business Analytics Elective**

Attention Alumni: Be on the Lookout

Next Monday we launch the biannual survey of [DSI/SDS alumni](#). If you graduated from the Masters or Graduate Certificate, the Health Informatics or Data Science and Business Analytics program- we want to hear from you! Every two years we send this survey out to get a brief snapshot of our students.

More information and a link to the survey will be sent out on **Monday, March 22nd**.

Registration Now Open: Analytics Frontiers Conference 2021



Registration for the 7th annual Analytics Frontiers conference is now open! Join the School of Data Science and Bank of America for a two-day virtual event, featuring keynote presentations from data science leaders throughout the region, networking opportunities, technical workshops and more.

As the conference transitions to a virtual format, we're thrilled to offer discounted pricing for UNC Charlotte students, faculty and staff. **Tickets start at only \$20.**

[Register Here](#)

Herschel and Cornelia Everett Foundation First-Year Graduate Fellowship

The Herschel and Cornelia Everett Foundation First-Year Graduate Fellowship was established in 2001 by the Everett family trust to support graduate education and foster growth at UNC Charlotte.

Award:

~ **Master's student:** First year: \$14,000 service-free stipend plus in-state tuition (not including fees); Second year: In-state tuition (not including fees). South Carolina residents are eligible for out-of-state tuition. Department must provide a qualifying graduate assistantship or fellowship in the academic program with a stipend of at least \$14,000 Note: 6 hours with an assistantship is considered full-time enrollment and is required).

~ **Doctoral student:** First year: \$18,500 service-free stipend plus in-state tuition (does not include fees); non-resident tuition (if required) and health insurance offered through the GASP program. Second-fifth year: In-state tuition (not including fees) non-resident tuition (if required) and health insurance offered through the GASP program. The department is expected to offer a qualifying graduate assistantship in the academic program with a stipend of at least \$18,500. Note: 9 hours with an assistantship is considered full-time enrollment and is required).

Award requires nomination by the Graduate Program Director

Minimum Undergraduate GPA of 3.2 - 4.0.

Preference will be given to U.S. Citizens or permanent residents of the United States.

Preference to North Carolina or South Carolina residents.

Must be enrolled full-time.

Instructions for Graduate Program Directors

Nomination Deadline: March 15, 2021

Application Deadline: March 30, 2021

For more information, please contact [Julie Green](#).

[Learn More and Apply Here](#)

Discover The HIA Graduate Program at UNC Charlotte!



The School of Data Science recently partnered with a video vendor to create an updated video, highlighting the Health Informatics and Analytics master's degree!

We'd like to thank everyone who participated in creating the video.

SDS In The NEWS

Faculty Spotlight: John Tobias



UNC Charlotte's School of Data Science faculty member and full-time lecturer, John Tobias, was recently featured in an article by the Boston Globe on the Sports Analytics industry.

Discover how Tobias, alongside others in the community, are working to diversify the field, starting from the undergraduate level.

[Read More Here](#)

Data Science Answers The Call



DATA SCIENCE ANSWERS THE CALL

How UNC Charlotte is responding to
industry demand in Charlotte, the
region and beyond

UNC Charlotte's School of Data Science is moving beyond traditional pathways to fulfill industry demand in Charlotte, the region and beyond.

Discover our new digital feature to learn how the school is establishing a #DataScience talent pipeline, strengthening communities and more.

[Check Out The Digital Feature](#)

Mark Your
CALENDAR

**Wednesday Seminar: A Day in the Life of a
Decision Scientist**

AN ONLINE EVENT

WEDNESDAY SEMINAR SERIES

UNC CHARLOTTE
School of Data Science

A Day in the Life of a
Decision Scientist
March 17th, 2021

For more information, please visit:
datascience.uncc.edu/upcoming-events

Sponsored by:



FIFTH THIRD BANK



David Jordan
DECISION SCIENCES MANAGER II
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Alex Wolfe
SR. DATA SCIENTIST
FIFTH THIRD BANK

Barrett Corey
DATA SCIENTIST
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Gregory McElveen
DATA SCIENTIST
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When: March 17th, 4:00 p.m - 5:00 p.m.

Join UNC Charlotte's School of Data Science and Fifth Third Bank for a conversation with the Decision Sciences team. The seminar will educate students on life as a data scientist in the workforce through the discussion of case studies.

[Register Here](#)

Informatics Research Seminar: Three Things to Consider when Breaking the First Law of Informatics



*Transforming Health Care
Through Informatics and Analysis*

When: March 17, 4:00 p.m. - 5:00 p.m.

Join SDS for a research seminar on clinical data in the context of learning health systems and the results from secondary analyses of clinical data. We will discuss the impact of analytical assumptions on hypothesis testing, the impact of data aggregation on analysis scalability, and the impact of data provenance on data quality.

Our speaker will be Franck Diaz-Garelli, PhD, Assistant Professor of Health Analytics and Informatics at the Department of Public Health Science in the College of Health and Human Sciences at UNCC.

For a complete seminar schedule, visit the DCHI website located [here](#).

Meeting number: 120 894 4642

Password: KAmarvu2M72

[Join Webex Meeting](#)

ABD Speaker Series: Healthcare Optimization through Data Visualization



When: March 18, 12:00 p.m. - 1:00 p.m.

Join us in discussing pre-pandemic and post-pandemic analytics strategies for population health management.

Discover how we are solving real-world problems with real-life data conveyed in informational, actionable, effective, digestible data visuals for every consumer.

Learn - best practices, open sources, BI platforms and more!

[Register Here](#)

AMMI Conference

AMMI

Analytics and Machine-Learning for Maternal-Health Interventions

ICPSR Summer Program: Free workshop on Big Data

When: April 15 – 16, 2021, 12:00 p.m. - 4:00 p.m.

Join Carolina Health Informatics Program's (CHIP) virtual Analytics and Machine-Learning in Maternal-Health Intervention (AMMI) conference on **April 15 – 16, 2021**.

The AMMI conference will provide a unique and much-needed platform for multi-disciplinary researchers from maternal health, machine learning, informatics, and medical imaging on topics related to prenatal health.

This innovative virtual symposium will include keynote speakers, panel discussions, student poster sessions, and networking opportunities with the leading industry and academic researchers in machine learning and maternal health.

[Learn More and Register Here](#)

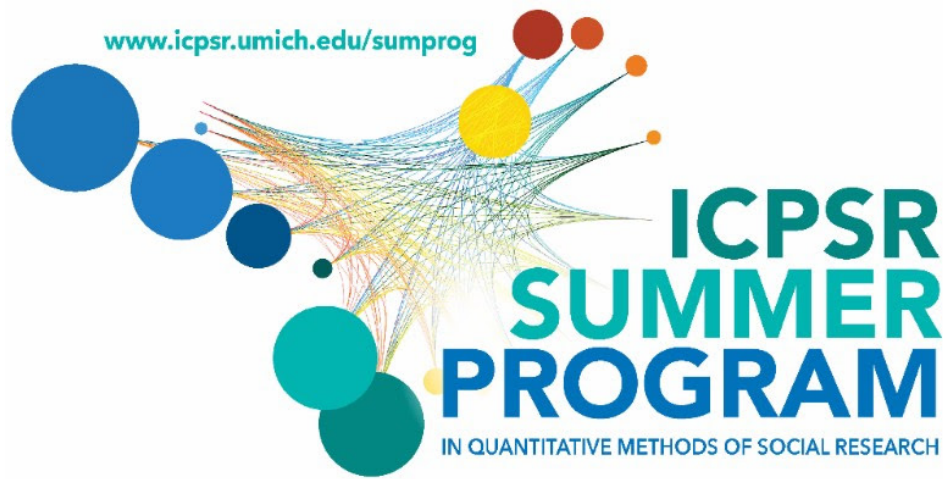
Analytics Frontiers Conference



When: April 22nd - 23rd, 2021

Join the School of Data Science and Bank of America for a two-day virtual event, featuring keynote presentations from data science leaders throughout the region, networking opportunities, technical workshops, and more.

[Register Here](#)



When: June 1 - 11

The ICPSR Summer Program would like to announce the **Joining the Data Revolution: Big Data in Education and Social Science Research** workshop, sponsored by the [Institute for Research on Innovation & Science \(IRIS\)](#) and funded by the [Directorate for Education and Human Resources](#) of the [National Science Foundation](#).

Deadline to Apply/Register: March 22, 2021

[Learn More and Register Here](#)

Featured Job OPPORTUNITIES

**NCSSM- Morganton Seeks Business Intelligence
& Data Analyst**



NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS

NCSSM-Morganton is hiring a Business Intelligence & Data Analyst to support NCSSM's institutional Data Analytics program through information analysis, report and visualization design, data quality control, research, and advisory assistance on strategic areas of high importance to the executive leadership of the school, divisions, campuses, and programs.

The deadline to apply is Wednesday, March 10, 2021, at 5:00 p.m.

[Learn More and Apply Here](#)

Career Opportunities with Promantus Inc



Promantus Inc., practitioners use different areas of technology and business management to create an environment of learning, innovation, and creativity for internal and customer projects. Promantus is looking for talented individuals to join their team.

Job Openings:

Scrum Master

Location: Plano, Texas (Temporarily Remote)

Duration: Long-term

Big data Architect (Azure Databricks)

Location: Plano, Texas (Temporarily Remote)

Duration: Long-term

Big Data Engineer (QA and Monitoring)

Location: Plano, Texas (Temporarily Remote)

Duration: Long-term

Big Data Engineer (ML Pipeline Development)

Location: Plano, Texas (Temporarily Remote)

Duration: Long-term

Delivery Engineer (CI/CD Experience)

Location: Plano, Texas (Temporarily Remote)

Duration: Long-term

JAVA Developer

Location: Plano, Texas (Temporarily Remote)

Duration: Long-term

[Learn More and Apply Here](#)

Career Opportunity with Deloitte Consulting

Deloitte.

Passionate about technology? Energized by business transformation? Deloitte Consulting LLP is looking for candidates with outstanding leadership experience, strong academic performance, and excellent communication skills to join their Analyst program.

Job Openings:

Deloitte Consulting |Full-Time Solutions Engineering (SE) Analyst Position

Seeking students with a Bachelor's Degree completed by Fall 2021 in these related areas of study

- Computer Science
- Software Engineering

Solutions Engineering Submission Instructions

1. Apply via the Deloitte website and completing a profile by **Tuesday, March 16th**.
2. Apply via your school career site, Hire-a-Niner, by **March 16th**
3. Complete a Candidate Personal Data Survey [here](#) by **March 16th**

[Learn More and Apply Here](#)

Career Opportunity with Equitable: Broker-Dealer Metrics Reporting Analyst



EQUITABLE

The BD Investment Product Metrics Analyst will have a strong foundation in data analytics and database management that they will apply on behalf of an existing team of investment professionals while gaining expertise in the Broker/Dealer's Product Offerings.

[Learn More and Apply Here](#)

Career Opportunity with Labcorp: Oncology Biomedical Informatics Specialist



Labcorp is implementing an exciting new "big data" approach to cancer testing. Labcorp is looking for a highly motivated biocuration scientist to join their new Oncology Data Curation group.

This is a great opportunity for someone with a clinical background to learn or expand their knowledge management skills.

[Learn More and Apply Here](#)

Resources for the Job/Internship Search: Resume Advice for Data Scientists



Chris Black, Manager for Talent Acquisition with LendingTree joined us in December of 2020 to share advice on how to craft an effective resume. This session was targeted at data science applicants.

You can rewatch the hour-long presentation [here](#).

[Watch The Video](#)

Career Opportunities with Ally Financial



Ally Financial Inc. (NYSE: ALLY) is a leading digital financial services company and a top 25 U.S. financial holding company offering financial products for consumers, businesses, automotive dealers, and corporate clients. Ally has an award-winning online bank (member FDIC), one of the largest full-service auto finance operations in the country, a complementary auto-focused insurance business, a growing digital wealth management and online brokerage platform, and a trusted corporate finance business offering capital for equity sponsors and middle-market companies.

Ally Financial is looking for senior developers and architects with industry experience plus ML/NLP.

Job Opportunities:

- [20-5714 – Principal - Sr. AI Developer](#)
- [20-5737 – Principal - Conversational AI Chat Tech Lead](#)
- [21-5060 - Fellow Software Engineer, Conversational AI](#)

Tax Guard - Associate Data Scientist



Tax Guard is revolutionizing how tax information is used by businesses to empower their confident decision making. The Data Science team designs, develops, deploys, and maintains predictive features and models using advanced statistical and machine learning methods to support Tax Guard's suite of small business lending products.

Data Science provides customer support and expertise in the use of Tax Guard data for the small business lending industry.

[Learn More and Apply Here](#)

Fellowship Opportunities - ORISE at the CDC



**ORISE Research Opportunities at the
Centers for Disease Control and Prevention
(CDC)**

About the Program

The Centers for Disease Control and Prevention (CDC) Research Participation Program is managed by the Oak Ridge Institute for Science and Education (ORISE) under an agreement between the CDC and the U.S. Department of Energy (DOE). The CDC collaborates to create the expertise, information, and tools that people and communities need to protect their health – through health promotion; prevention of disease, injury and disability; and preparedness for new health threats. The CDC ORISE programs are considered a valuable human capital and workforce development tool, which provide educational experiences and training in public health as a means to introduce highly motivated participants to potential public health careers."

Fellowship Opportunities:

- **Program Evaluation Fellowship NEW!**

CDC | Atlanta, GA | Full-Time | **DEADLINE: March 15, 2021**

- **Disease Surveillance Fellowship NEW!**

CDC | Atlanta, GA | Full-Time | **DEADLINE: March 15, 2021**

- **HIV Treatment and Prevention Fellowship NEW!**

CDC | Atlanta, GA | Full-Time | **DEADLINE: March 17, 2021**

- **Applied Research and Translation and Data Informatics Fellowship**

CDC | Atlanta, GA | Full-Time | **DEADLINE: March 31, 2021**

Career Opportunities with Zoominfo



The mission of ZoomInfo powered by DiscoverOrg's Global Inclusion & Diversity Initiative (GIDI) is to create a sense of belonging for all employees. GIDI takes an active role in focusing on the equity, advancement, and empowerment of underrepresented communities.

Zoominfo believes in the people who work for us, and the things that we can accomplish when we push ourselves both individually and collectively.

[Visit the Website](#)

Career Opportunity with Octapharma Plasma: Data Scientist - Pricing Analytics



Octapharma Plasma, Inc. collects plasma to create life-saving medicines for patients worldwide. With donation centers and team members throughout the U.S, Octoapharma Plasma is growing at an impressive pace, and so is the positive impact of their work. Octapharma Plasma is looking for Data Scientists with some experience in pricing.

The position is open to HIA and DSBA graduates and students in their last term

[Learn More and Apply Here](#)

Summer 2021 Internship Opportunities: Hire-A-Niner

[Data Analytics Engineer Internship- Allstate](#)

[Data Science Internship - Allstate](#)

[Data Delivery Product Manager Internship - Allstate](#)

[Data Visualization Internship - Lenovo](#)

[SDS Hire-A-Niner page](#)

[Join the Facebook Group](#)



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