A MESSAGE TO
DATA SCIENCE NINERS
FROM THE SCHOOL OF DATA SCIENCE
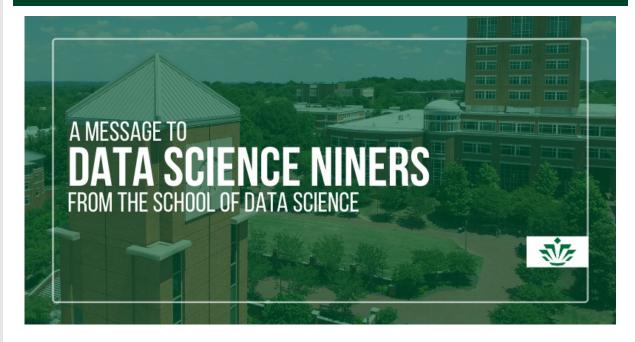
SDS students,

We can't believe the spring 2021 semester is coming to an end! As a reminder, UNC Charlotte announced that they will **host in-person commencement ceremonies** for the May 2021 graduates in the Jerry Richardson Football Stadium on May 13, 14, and 15.

Members of the Class of 2020 will also be invited to participate in these ceremonies and all graduates will be able to invite two (2) guests. The ceremonies will be live-streamed and recorded.

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.

Spring Commencement 2021 Information

MAY 2021 GRADUATES

The in-person ceremony for the Graduate School is scheduled for Saturday, May 15th, at 9:30 a.m.

All graduates must have RSVP'd by Wednesday, April 14, to let the University know if you will be participating in your ceremony. This is mandatory. If you do not respond, you will not be assigned a seat number. All May 2021 graduates must have their UNC Charlotte ID to enter the stadium. Information is being regularly updated, please visit the Commencement site for more information:

Commencement Website

If you have any questions or concerns, please contact the commencement team via email **commencement@uncc.edu** or view the Spring Commencement 2021 FAQs **here**.

Spring 2021 Graduates & SDS Alumni: Update Your Information

Congratulations to all of our Spring 2021 graduates!

After graduation and beyond, we'd love for you all to stay engaged with your specific program and the School of Data Science. You are invited to update your contact information below, and identify ways that you would prefer to engage with the School going forward: mentoring, sponsoring an internship, participating in networking sessions, etc.

Update Your Information Here

SDS Resume Book: Seeking Full-Time Positions!

Our industry partners will request resumes for students or recent graduates actively seeking full-time positions from time to time. In response, we are creating an **"SDS Resume Book."** If you would like to be included, **please fill out this form and upload your most recent resume.** *Currently, this is only for graduates, Summer 2021 or earlier.*

This resource is **not** for students seeking internship placements. **Please submit your information by May 15th, 2021.**

We plan to update and create new resume books for subsequent semesters, i.e. Fall 2021, Spring 2022, etc.

Fill Out The Resume Book Here

SDS Bootcamps - Relaunching for Summer 2021

Registration for the summer SDS Boot Camps (Python, Statistics, and

Introduction to R) re-opened for students on Friday, April 30th. These online training modules were created as a free resource, and are open to all students actively enrolled in the DSBA or HIA programs. They are intended to be utilized as introductory or foundational review tools. More information about the courses can be found here:

SDS Bootcamps

Students currently enrolled in the spring 2021 sections must complete the bootcamp by **Wednesday, May 5th, 2021**.

Degreeworks Audit - On Track to Graduate?

DegreeWorks is a web-based planning tool that provides an accurate display of required coursework and helps students monitor their progress towards graduation. Students can access their real-time audit in DegreeWorks via **my.uncc.edu** and should routinely check their progress towards degree completion.

If you believe your audit contains errors or the requirements do not match the catalog, students should contact their advisor or Graduate Program Director for assistance.

All students (Master's or Certificate) must apply for graduation by the published deadline in the semester they intend to graduate. To be eligible, students must also be enrolled that term and complete the online graduation application.

To apply, submit your Online Graduation Application through**Banner Self Service**.

Summer School Course Offerings

DSBA 6520: Network Science

Description: Throughout our lives, we encounter data with various degrees of structure which can be relied upon when attempting to make systematic or algorithmic evaluations of that data. And it is the structure (or lack thereof) of that data that determines what algorithms or operations can be performed on said data, and by extension, what insights can be gained. In this class, you'll learn how to use industry-standard algorithms, tools, and models which take advantage of data that is structured as a graph/network as well as the rules and theory which govern Network Science to uncover hidden interconnected insights in data.

DSBA 6010: Special Topics in DSBA: From Data to Decisions: Informed Leadership

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**

Staff News - New Faces: Introducing Brenda Bradrick, Interim Student Advisor

As some of you may already know Carly Mahedy will be out on temporary leave starting in mid-May.

While Carly is out, we are pleased to announce that *Brenda Bradrick* will step in to assist students, staff and faculty. Brenda is a recent graduate from the Health Informatics Master Program receiving her M.S. in December of 2020. She is currently working on a Master's Certificate in Learning, Design and Technology at the Cato College of Education. She has worked as a graduate assistant for the School of Data Science. Her industry experience includes Marketing Research Director of several business-to-business publications, Marketing and Research Analyst at National Geographic Traveler Magazine, Research Manager for the US Travel Industry Association and as a Senior Practice Administrator for the North American Operations Practice at McKinsey & Company.

SDS Adjunct Faculty Update

We are pleased to welcome several new and continuing associate graduate faculty to the SDS team. The School seeks out individuals with significant professional experience to teach in the program and offer applied perspectives in the field.

Robert Abbott is the VP of Rewards Architecture for Bank of America and earned his Ph.D. from the Department of Computer Science at UNC Charlotte. His research interests include artificial cognition and the automated description of complex environments. His specific area of interest is using AI techniques to learn and model the dynamics of complex systems, and was recently awarded a U.S. patent for his work in computer security. This fall Rob will be teaching

DSBA 6156 Applied Machine Learning.

Robert Fox has had a long professional career in the financial services sector, where he developed and managed data science teams and solutions. His technical interests include data mining, unsupervised learning, and the integration and automation of machine learning. He's an expert on the pitfalls involved with real-world efforts to drive value with AI; and intimately familiar with risk management and governance practices. He's currently teaching and working on a new commercial startup company: InsightMiner.com. This fall Robert will be teaching *DSBA 6190 Cloud Computing for Data Analysis.*

Sean Robinson is a Vice President and Data Scientist with Bank of America. He has several years of software development and data science experience within BOA. His research primarily focuses on utilizing network analytics and graph theory to combat financial crimes in financial institutions. His work also covers the utilization of graph machine learning and graph databases to enhance analytic workflows & discover new insights which are hidden within interconnected data. This summer Sean will be teaching *DSBA 6520 Network Science.*

Stephen Rohrer is President of OG Data Labs, former Head of Data Science at TIAA, and Advisor to AI-based start-ups. His professional experience spans across Banking, Retail, Healthcare, and Government, with a focus on bringing people and data together through Innovation and Data Science. Interests and Experience in: Data & AI Strategy, Data Enrichment, Relationship Network Economies, Actionable Data, Business Optimization, Process Automation, Graph Relationship Networks, Graph Deep Learning, Systematic AI Integration, AI Platform Management, Holistic Predictive Modeling, Natural Language Processing, and Real-time Natural Language Pipelines. This fall Stephen will be teaching *DSBA/HCIP 6160 Big Data Design, Storage, and Provenance.*

Fall Schedule Updates

DSBA 6010 Special Topics in DSBA: Analytical Storytelling has been **canceled for the fall** semester. We hope to offer it again in spring 2021.

Due to high demand, we are **adding an additional section** of *DSBA 6201 Business Intelligence and Analytics.* It will be offered on Tuesday evening at the Center City Campus. We will also offer a second evening section of DSBA/HCIP 6160.

Teacher Quality Partnership

The **Teacher Quality Partnership (TQP)** is offering a complete grant which includes tuition, textbooks, supplies, application fees, and a living wage stipend for students! Students interested in earning a teacher's licensure and a Masters of Arts in Teaching degree in less than 18 months should apply for this opportunity. Graduates will have a guaranteed job in Cabarrus County Schools upon completion of the program.

The deadline to apply is **June 1st.**

<div align="center">

Apply Here

</div>

Congratulations: First MPH-PHAN/MS-HIAN Capstone Project Peer-Reviewed Publication

Nisha Kurian [1,2,3], Jyotsna Maid [1,2], Sharoni Mitra [1,2,4], Lance Rhyne [1,2], Michael Korvink [5] and Laura H. Gunn [1,2,6,*]

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[2] School of Data Science, University of North Carolina at Charlotte, Charlotte, NC 28223, USA
[3] Westchester County Department of Health, White Plains, NY 10601, USA
[4] Welltok, Inc., Denver, CO 80202, USA
[5] ITS Data Science, Premier, Inc., Charlotte, NC 28277, USA; michael_korvink@premierinc.com
[6] School of Public Health, Faculty of Medicine, Imperial College London, London W6 8RP, UK
[*] Correspondence: laura.gunn@uncc.edu

Congratulations to the faculty and students from the HCIP 6250 Problem Solving in Healthcare Analytics course for the first MPH-PHAN/MS-HIAN capstone project peer-reviewed publication!

The paper, entitled ***"Predicting Hospital Overall Quality Star Ratings in the USA,"*** was published last week in the Decision Modelling for Healthcare Evaluation special issue of Healthcare, which is indexed in PubMed, etc. and has a 1.916 IF.

This is the first published manuscript based on our redefined target of publication-quality outcomes (as per our HIAN Advisory Board discussions in Fall 2019) to better prepare master's students for the workforce in which publications are increasingly encouraged in these areas among employers.

Learn more and read the paper below.

Read More Here

DSBA Early Entry Student Receives NC IDEA Microgrant

Congratulations to Adonis Abdullah, a UNC Charlotte Belk College of Business senior and DSBA early entry student, for receiving an *NC IDEA Microgrant!*

Abdullah's company, Hot Route Analytics, is one of 19 North Carolina startups to receive the NC IDEA MICRO award. Learn more about the private foundation and the young entrepreneurs below.

Read More Here

CANSSI-NISS Health Data Science Workshop

When: May 6 - 8, 2021

The First CANSSI-NISS Health Data Science Workshop will be held virtually on May 6-8, 2021, with pre-workshop short courses on May 6th. The workshop brings statisticians and health data scientists from the U.S. and Canada together to explore current approaches and new challenges for learning Big Data in Health Data Science.

The two-day workshop consists of two keynote presentations, four invited sessions, a poster competition for students and new researchers, a late-breaking session on AI and Health Data Science, and a networking happy hour. The themed invited sessions will explore current approaches and new challenges in

- Statistical Issues with COVID-19
- Statistical Problems in Imaging and Genetics,
- Causal Inference for Big Health Data, and
- Methods for Electronic Health Data.

Registration
Conference Registration - $25 for students. Select the registration options on the right-hand side of the page, check the box 'I am not a Robot" and then "Register for this Event" using your institutional email address.

Learn more about the conference and register below.

Learn More and Register Here

Novant Health STM Inspire Program

When: May 18, 3:30 p.m.

INSPIRE allows Novant Health team members to motivate and encourage students to become their best self to grow both personally and professionally.

During this time, a Novant Health Loss Prevention Coordinator will speak to the students about their professional journey. Students are encouraged to interact and ask questions during this live session.

Password: 740019

Join Zoom Meeting

Wednesday Seminar: What Is IT Data Consulting With CapTech Consulting

When: Wednesday, May 26th, 4:00 p.m.

Join UNC Charlotte's School of Data Science and CapTech Consulting for a session on IT Data Consulting.

Learn about what IT Consulting is and discover how data can help different clients and how CapTech has been assisting clients in achieving their technology goals. This session will be both a presentation and will allow for Q&A to help attendees determine if IT Consulting might be a good fit for a full-time role upon graduation.

Panelists include:
- **Michael Fitchko:** Senior Manager, Data & Analytics
- **Wynne Reece:** Senior Talent Acquisition Lead
- **Lynn F Johnson:** Business Systems Analyst

Learn more about the session and register below.

Register Here

Internships and Careers with the FDA, FDA/CDER/OBI Virtual Outreach

When: Wednesday, June 16th, 4:00 p.m.

The Center for Drug Evaluation and Research (CDER) at the U.S. Food and Drug Administration (FDA) Office of Business Informatics (OBI) is looking for experienced IT professionals and business informatics specialists with strong communication and decision-making skills for the Office of Business Informatics Innovation Fellowship Program. The position requires that fellows perform work of an exceptional degree of difficulty across a wide range of topics at the convergence of technology, process, policy, and delivery.

The incumbent leverages his/her experience, deploying high-quality, enterprise-wide platforms and services to lead major initiatives; consults on systems and policy proposals; and provides technical, policy, and programmatic guidance to the government. They are actively recruiting for fall 2021 placements. **Please save the date, a registration link will be set up shortly.**

NCTECH: Latest Technology Trends in North Carolina

The North Carolina Technology Association (NC TECH) has released its monthly report of available IT positions in the state, broken down in several ways (top ten listings by MSA, job type, skillset, and employers).

View Full Report

Centene- Intern (Network Telecom Admin Graduate - Summer)

Learn various job functions within the Managed Care industry and explore various career opportunities. Apply academic knowledge and learn new skills by contributing to various projects. Communicate project status and results to staff mentors and management. Research various legal, regulatory, and other topics within functional areas and industry. Attend training and development presentations to enhance professional competencies. Learn about various processes and functions within the Managed Care industry and develop professionally by contributing to projects that support the business.

Experience/Experience: Bachelor's degree. Must be enrolled in a graduate program at an accredited university or college in a field related to the hiring department through the internship period. Master Degree level studying Computer Science or Information Systems preferred

Skills Required: Customer service-oriented, detail-oriented, excellent writing skills, writing scripts in Oracle, excel skills.

Application Deadline: May 30th

Learn More and Apply Here

Hendrick Motorsports - Vehicle Dynamics Intern

Hendrick Motorsports, a leading NASCAR Motorsports operation, is currently seeking a highly motivated engineering student for the Competition Systems Group. The ideal candidate is expected to have solid basic knowledge of vehicle dynamics, vehicle subsystems, simulation, testing, and deliverables. Also, a basic background in applying probability and statistics to real data, as well as defining problems and evaluating the effectiveness of different techniques in solving these problems.

Application Deadline: June, 17th

Learn More and Apply Here

Research Opportunities with ORISE at the Center for Disease Control and Prevention (CDC)

Field Epidemiology Training Program (FETP) NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 26, 2021**

Parasitic Diseases Molecular Epidemiology Fellowship NEW!
CDC | Atlanta, GA | Full-Time | **DEADLINE: May 26, 2021**

Parasitic Diseases Serology Diagnostics Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 24, 2021**

Viral Hemorrhagic Fevers Epidemiology Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 20, 2021**

Epidemiology Fellowship
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 18, 2021**

Public Health Data Analysis Fellowship
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 18, 2021**

Epidemiology Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 18, 2021**

Public Health Data Analysis Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 18, 2021**

Global Immunization Safety Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 14, 2021**

Summer Clinical Fellowship
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 14, 2021**

Epidemiology Fellowship
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 14, 2021**

Summer Clinical Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 14, 2021**

Statistical Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 14, 2021**

Epidemiology Fellowship NEW!
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 14, 2021**

Overdose Prevention Technical Training Fellowship
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 3, 2021**

Overdose Prevention Technical Training Fellowship **NEW!**
CDC | Atlanta, GA | Full-Time |**DEADLINE: May 3, 2021**
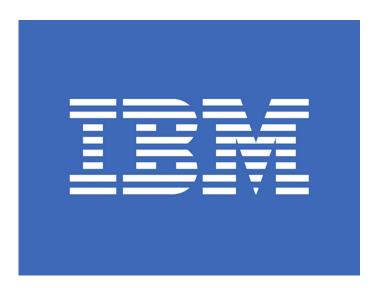
Career Opportunities with SAS

SAS Institute prides itself on helping its customers discover insights from their data, make more intelligent decisions, and drive relevant change. SAS is currently looking for students who are interested in technical and non-technical healthcare and life science positions.

Interested students should contact **David Olaleye** after applying.

Visit the Website and Apply Here

Career Opportunity with IBM - Data Engineer

Software development is critical to the success of IBM and our clients worldwide. At IBM, you will use the latest software development tools, techniques and approaches and work with leading minds in the industry to build solutions you can be proud of.

Learn More and Apply Here

Accenture - Data Science Consultant

Location: Midwest - Chicago, Illinois

Accenture is looking for those interested in Solving big problems using the latest tech, serious brain power, and deep knowledge of just about every industry. Accenture believes that a mix of data, analytics, automation, and responsible AI can do almost anything—spark digital metamorphoses, widen the range of what humans can do, and breathe life into smart products and services.

Please contact and send a copy of your resume to **Luke Fore** once your application has been submitted.

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 Equitable: Broker-Dealer Metrics Reporting Analyst

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

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

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

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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UNC CHARLOTTE