SDS students, faculty, and staff,

It's hard to believe that it's already November. We are extremely proud for your resilience and determination throughout 2020.

We look forward to the day when we can all be together again in-person. As always, please reach out to Josh Hertel or Carly Mahedy if you have any questions.

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**Important Updates**

Spring 2021 Student Advising Sessions

DSBA Program
When: Tuesday, November 17th - 4:00 - 5:00 p.m. or Thursday, November 19th - 4:00 - 5:00 p.m.

New and current DSBA students are invited to meet with Dr. SungJune Park (GPD), Carly Mahedy (Director of Student Services), and Joshua Hertel (Director) to discuss course scheduling, class options and registration for the spring semester.

Students can register for the November 17th session [HERE].

Students can register for the November 19th session [HERE].

**HIA Program**

*When: TBD*

New and current HIA students are invited to meet with Dr. Yaorong Ge (GPD), Carly Mahedy (Director of Student Services), and Joshua Hertel (Director) to discuss course scheduling, class options and registration for the spring semester.

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**SDS Spring Teaching and Research Assistantships**

The School of Data Science is now accepting applications for spring assistantships.

Each semester the School of Data Science awards a limited number of funded positions to students enrolled in the DSBA and the HIA programs to support faculty teaching and research. Only students enrolled in an SDS graduate program are eligible to apply for SDS funded assistantships. Graduate Teaching Assistants are assigned to one or more faculty members to support specific classes. Graduate Research Assistants are assigned to faculty to support specific research projects.

- Full-time assistantships require 20 hours per week/15 weeks (Roughly $17.00 per hour/$5100.00 per semester)
- Part-time assistantships 10 hours or less per week/15 weeks (Roughly $17.00 per hour/$2550.00 per semester)
- Awards are for one semester but may be extended at the discretion of the program
- Assistantships do not come with a tuition remission

**ELIGIBILITY**

- Must be enrolled in the DSBA or HIAN program
- Minimum 3.0 GPA
- Must be enrolled in a minimum of 6 credit hours
- Students funded through the SDS program may enroll in a maximum of 9 credit hours while holding a full-time appointment (20 hours)
- In-state, out-of-state, and international students are eligible to apply
- Current and newly admitted students are eligible to apply
In Case You Missed It: Wednesday Seminar, Five Years Out, Reflections on Careers in Health Informatics and Analytics

Did you miss this Wednesday Seminar?

Head to the SDS Youtube channel to check out the recording, or watch it again if you enjoyed the session!

Don't forget to like and subscribe!

Watch It Again: SDS Fall Webinar Series, Data Science In The Fight For Civil Liberties
If you were unable to attend our fall webinar event, featuring Lucia Tian, check out the recording on our Youtube channel.

SDS Fall Webinar Series: Data Analytics In The Intelligence Community

When: Friday, November 20th, noon - 2:00 p.m.

On Friday, 20 November from Noon until 1:30 p.m., the School of Data Science will host a webinar on Data Analytics in the Intelligence Community. The general theme will center around advice to analysts on how to best package and present their work for senior level consumers of finished intelligence products in both the government and the private sector.

The event will have two parts:

The first portion of the webinar will consist of a three person panel and will last for 1.5 hours (12:00-13:30 ET). The panel will consist of Gen. Robert Ashley, Jr., Dr. Barbara Stevens and Mr. Brad Dryer of Bank of America. The Webinar...
will be moderated by a faculty member from the Intelligence Community Center of Academic Excellence (IC CAE) program at UNC-Charlotte.

For the panel presentation, each participant will have up to fifteen minutes to deliver an opening statement/presentation. The remainder of the event will be devoted to a group discussion and a question/answer session during which attendees may send questions to the moderator, who will compile and present them to the panel for response.

The second part of the webinar will focus on interactions with students in the IC CAE program and School of Data Science at UNC-Charlotte. The topic of this follow-on conversation will center on analytic careers in the US Intelligence Community as well as in the private sector and how students with an interest in becoming intelligence analysts can best prepare themselves to be competitive.

Register Here

SDS Selected As Finalist - NC Tech Awards
UNC Charlotte's School of Data Science was selected as a finalist for the Public Sector Project Award, by the NC Tech Association.

The winners of the NC Tech Awards will be announced during the Virtual Beacons Award show, on November 17 - 19, 2020. Register below and tune in to see if we've won!

Read More Here

SDS Executive Director Appointed To UNC Charlotte Strategic Planning Committee

SDS Executive Director, Doug Hague, was appointed to the 2021 Strategic Planning Committee, on behalf of Chancellor Gaber.

Learn how this diverse committee of faculty, staff, students and administrators will set the direction of the future of UNC Charlotte for years to come.

Read More Here

SDS Affiliate Faculty Member Published In The Washington Post
Congratulations to SDS affiliate faculty member, Dr. Jason Windett, and his team, for their recent article in The Washington Post.

Discover how they utilized statistics and data science to explain how Judge Amy Comey Barrett’s confirmation would shift the Supreme Court further ideologically than any other appointment in the past 40 years.

Read More Here

Mark Your Calendar

Wednesday Seminar Series: A Day in Life of Data Scientist
When: November 4, 2020 - 4:00 PM to 5:00 PM

Alex Ge is a Data Scientist at SAS and will be joining SDS to discuss on A Day In The Life Of A Data Scientist. As a data scientist for SAS, Alex focuses on applying machine learning and statistical modeling to solve real world problems.

Find more information about the event [here](#).

**Register Here**

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**Duke Center for Health Informatics Research Seminar**

**Transforming Health Care Through Informatics and Analysis**

When: November 4, 2020 - 4:00 PM to 5:00 PM

**The Informatics Research Seminar Series** is sponsored by Duke University and a collaboration with UNC-Chapel Hill, NCCU, UNC Charlotte, ECU and Wake Forest. This series explores key areas in Health Informatics and includes research results, overview of programs of research, basic, applied, and evaluative projects, as well as research from varied epistemological stances.

This seminar features Dr. Anuradha Rangarajan from ECU and will be...
Join the Session

Fall 2020 CEO Speaker Series

SCOTT CASE ’00 MBA
Chief Information Officer
Truist Financial Corporation

FALL 2020

THURSDAY, NOVEMBER 5 • NOON-1 P.M. VIRTUALLY

Upon registration, please enter your University ID, course name, course number and instructor.
Note: For your attendance to be recorded, please log into Zoom using your first and last name.

belkcollege.uncc.edu/CEOSpeakerSeries

When: November 5, 2020 - 12:00 PM to 1:00 PM

The CEO Speaker Series features alumni and friends of the college who are in leadership positions. The series brings business leaders to the UNC Charlotte campus to present and interact with undergraduate and graduate students.

Students, alumni, faculty, staff and friends are invited to the Fall 2020 CEO Speaker Series featuring Scott Case ’00 MBA, Chief Information Officer of Truist Financial Corporation.

Register Here

Analytics & Big Data Society Speaker Series
When: Thursday, November 5th, 12:00 PM - 1:00 PM

Embedding a 2,500-Year-Old Idea That Married Deep Learning and Dominated The World

In this talk, Dr. Nikolaos will dive into the geometrical roots and deep learning. We will see how the idea of embeddings has been shaped through the centuries and what was the Eureka! moment that made deep learning the new standard of AI. We will also explain why traditional Euclidean embeddings are not sufficient and why we need to explore other curved geometries. There is an astonishing connection with what physicists use in the theory of general relativity.

Register Here

Featured Job Opportunities

Data Scientist, Office of OneIT
The Office of OneIT provides University information technology services at UNC Charlotte and includes enterprise and unit-specific staff. The Office of OneIT is currently hiring for a Data Scientist position.

- Master’s Degree Quantitative degree (Engineering, Mathematics, Statistics, or Computer Science).
- Demonstrated experience querying, processing, analyzing and reporting on large data sets.
- Demonstrated ability to tell stories with data using data visualization software or other reporting/BI tools (such as Tableau, PowerBI, ArcGIS, etc.).
- Demonstrated experience in programming/scripting languages and statistical software (such as R, Python, or other programming language).
- Demonstrated strong verbal and interpersonal and written communication skills.
- Demonstrated ability to communicate advanced analytical concepts and complex quantitative analysis in a concise, clear and actionable manner.
- Demonstrated ability to respond to changing priorities and ensure timely, accurate deliverables.
- Demonstrated ability to work with diverse groups/populations.

Additional details and application submission can be found [here](#).

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Research Assistantship at CAGIS

**Center for Applied GIScience** (CAGIS) at the University of North Carolina at Charlotte is recruiting a research assistant to work mainly on a recent project funded by Electric Power Research Institute.

Duties and Responsibilities:

1. Candidate will assist with GIS-based programming for spatial data processing, analysis, and modeling (with skills in Python scripting language,)
2. Candidate will assist with geodatabase design and development
3. Candidate will assist with cartographic mapping and geovisualization (desktop- and web-based)
4. Candidate is expected to document her/his work thoroughly
5. Candidate is expected to work closely with other members in Center for Applied GIScience
Applied GIScience under the supervision of Dr. Wenwu Tang

If you are interested in this position, please send Dr. Wenwu Tang the following: cover letter, latest CV/resume, and contact information of three referees. Additional details can be found here.