



UNIVERSITY OF NORTH CAROLINA
CHARLOTTE

SCHOOL OF
DATA SCIENCE



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Happy New Year to you all. We hope and trust that you all enjoyed the break and found time for family and friends, rest and recovery. This spring looks to offer just as many opportunities and surprises as last year. COVID 19 is once again reminding us of the importance of being flexible and resilient. As you know we will start with all classes being online for the first two weeks. Over the next few weeks University leadership will continue to evaluate and decide if additional adjustments need to be made to the schedule. You can find resources and updates related to COVID, testing protocols, etc., at [NINER NATION CARES](#). We will also do our best to keep you informed through the biweekly SDS newsletter and SDS social media. If you have not had a chance to do so, please follow us on one of our channels. As always your are welcome and encouraged to reach out to [Carly Mahedy](#) or [Joshua Hertel](#) with specific questions.

Coming up this week and next we have the [Spring Orientation](#) for new and continuing graduate students in the DSBA and HIA programs. Please join us Monday, January 10th @ 4:00 pm for this virtual session.

MEET THE PROGRAM DIRECTORS:

Dr. Angela Berardinelli

Undergraduate Program Director, Data Science Bachelors Degree

Dr. Berardinelli has teaching interests in databases, data science, data structures, algorithms, discrete math (including proof-writing), and theory of computation. Her courses typically include student-centered learning and project-based learning whenever appropriate. She is particularly interested in implementing POGIL (Process-Oriented Guided-Inquiry Learning) in computer science courses. Her current research interests are in word graphs for reflection groups (both pure math and computational problems related to the topic) and in using data science techniques to inform curriculum and career decisions for educators and students, respectively. She has had research in pure mathematics published in the peer-reviewed journals *Ars Mathematica Contemporanea* and *Transactions of the American Mathematical Society*. Dr. Berardinelli was instrumental in the creation of the first studio courses for the new undergraduate program.



Dr. SungJune Park

Graduate Program Director, Data Science and Business Analytics MS and Graduate Certificate

Dr. SungJune Park has taught a variety of courses in the areas of business analytics, data communications, information security, application development, e-business, and supply chain management. His current research interests include business analytics, information security, digital economy, and supply chain management and his research has appeared in various journals such as *Computers & Operations Research*, *Data & Knowledge Engineering*, *Decision Sciences*, *Decision Support Systems*, *Information Systems Research*, *Information & Management*, *International Journal of Production Economics*, *International Journal of Production Research*, *Journal of Management Information Systems*, and *Omega*, as well as refereed conference proceedings and edited books.



Dr. Yaorong Ge

Graduate Program Director, Health Informatics and Analytics MS and Graduate Certificate

Dr. Yaorong Ge's research focuses on imaging informatics, health informatics and intelligent informatics systems development. He has participated in many research projects funded by National Institutes of Health, has co-founded and managed a health informatics software startup until its acquisition, and has successfully commercialized a number of novel technologies via patent licensing. His recent research interests include human-centered intelligent treatment planning in intensity modulated radiation therapy, machine learning approaches to understanding cardiotoxicity in cancer treatment, dataset knowledge resource development, and social media in health and healthcare.



SDS Spring Graduate Student Orientation

Monday, January 10 | 4:00-5:15pm

This **virtual** event is for new and continuing students in Data Science and Business Analytics (DSBA) and Health Informatics and Analytics (HIAN). SDS staff and faculty will share program and School updates, followed by a brief information session on policies, procedures, and what to expect throughout the semester. Please plan to [join us](#) as we kick off the spring semester!

[ZOOM LINK](#)

Summer & Fall 2022 Registration

The [Summer 2022 course schedule](#) was published in mid-December. The Fall 2022 course schedule will not go live until March 7th. Registration for summer and fall 2022 will open on April 4, 2022. Keep an eye out for open advising sessions in late March.

[COURSE SCHEDULE](#)

Important Dates

- January 10 : 4:00-5:15 pm -Virtual Spring Orientation
- January 17 : Martin Luther King Jr. Day - University closed
- January 18: Last day to add/drop courses
- January 22: Saturday classes begin
- January 24: Census date for Spring Enrollment
- February 11: Deadline for all students to apply for May 2022 Graduation
- April 4: Registration for Summer and Fall 2022 begins.

Mark Your
CALENDAR

Women in Data Science Conference

March 15, 2022 | UNC Charlotte Marriott

The Women in Data Science Conference was rescheduled to March 15. We will be monitoring COVID updates but plan to host the conference in-person as of now.



The School of Data Science is honored to once again host Charlotte's Women in Data Science (WiDS) Conference. The global Women in Data Science initiative aims to inspire and educate data scientists worldwide, regardless of gender, and to support women in the field. This year, the conference will be an in-person event, and will feature industry and academic experts from across the region, highlighting groundbreaking research, innovative industry solutions, and more. The conference is targeted at students and new professionals.

Broad topic areas will include:

- Career & Professional Development (Salary Negotiation, Interview Success, Diversifying the STEM field, etc.),
- Applied Research: NLP and Social Media Machine Learning, AI in the Cloud, Social Media Applied Research: Data Visualization, and
- Hands-on Training Sessions(AWS, Tableau, TensorFlow, SAS, etc.)

The conference is free and open to all UNC Charlotte students and alumni. Registration will open in January. Please visit the conference website [HERE](#). As part of the global event, WiDS is also hosting a Datathon.

Student RESOURCES

WiDS Datathon 2022: Using Data Science to Mitigate Climate Change

This year's [WiDS Datathon](#), organized by the WiDS Worldwide team, Harvard University IACS, and the WiDS Datathon Committee, will tackle a key way to mitigate the effects of climate change with a focus on energy efficiency. The WiDS Datathon Committee is partnering with experts from many disciplines at Climate Change AI, Lawrence Berkeley National Laboratory (Berkeley Lab), US Environmental Protection Agency (EPA), and MIT Critical Data. WiDS Datathon participants will analyze regional differences in building energy efficiency, creating models to predict building energy consumption.

SDS Student Bootcamps: *NEW* SAS Training

The SDS has developed a variety of Boot Camps to support new and continuing students. Currently we offer four online/asynchronous training and review modules: Introduction to Python, Statistics for Data Science, and Introduction to R. The bootcamps are free and available to any student enrolled in a SDS course. Registration for the spring semester [HIA Boot Camps](#) and [DSBA Boot Camps](#) is currently open.

[REGISTER HERE](#)

Alumni Corner - Career Services

Just because you are going doesn't mean you have to leave the UNC Charlotte community. Keep connected with [UNC Charlotte's Career Center](#) and take advantage of a variety of opportunities to access services and to serve as a mentor to current students on their career journey.

GRADUATE

Student Council

The Graduate Student Council represents students enrolled in the HIA and DSBA graduate programs. They are liaison not only to the SDS leadership team, but also to the Graduate and Professional Student Government. The council exists to support you.

On behalf of the Graduate Student Council we are so excited for a fresh new semester to start and we can't wait to get our excited events going as well. We have many exciting events planned and cannot wait to kick them off with all of you.

Coffee Hours - First Tuesday of every month

First Tuesday of every month starting February 1, 2022.

We all missed coffee hours, so this semester we are bringing them back. Scheduled in-person (finger's crossed) from 4:00-5:00 pm at the Center City campus, this event will give you an opportunity to catch up with your fellow School of Data Science students over a cup of coffee. Keep an eye out for more information on the program websites under [News and Events](#).

Mentor Mentee Meetup

Tuesday, January 18, 2022- 4:00-5:00 pm (Virtual)

This program is entering its second semester, with the goal of building mutually beneficial, open and trusting mentor relationships between students and opening doors to a myriad of opportunities. Continuing SDS students serve as mentors, who are willing to dedicate time and energy to helping new students, or mentees, become familiar with the School of Data Science by answering questions, providing resources, and helping foster both academic success and a sense of community within the program.

Please fill out the form below if you are interested in being a part of this initiative.

[INTEREST FORM](#)

[ZOOM LINK](#)

Alumni Networking Event

Friday, February 4, 2022, 5:30- 6:00 pm

This event will be a chance for you to connect with HIA and DSBA alumni along with fellow students in a social setting. Come join us for an evening full of fun. More information to come!

Spring Hackathon- March 2022

This will be an event that you will not want to miss. This event will give you the opportunity to put your skills and knowledge to the test in a thrilling and exciting environment. Please fill out the form below and let us know if you would be interested in participating.

[INTEREST FORM](#)

GET CONNECTED! Feel free to join the school of data science GroupMe and Slack Channel for regular updates.

[GROUPME](#)

[SLACK
CHANNEL](#)

Important!

TO READ THE ENTIRE NEWSLETTER CLICK "[VIEW ENTIRE MESSAGE](#)" AT THE BOTTOM OF THIS EMAIL FOR JOB OPPORTUNITIES!

To Learn More and Register for
Upcoming SDS Events
Visit the [SDS News & Events Page](#)

Featured Job

OPPORTUNITIES

Premier Inc.- Senior Analytics Developer

APPLY NOW

**T35 program - USC Big Data Health Science
Summer Research Program**

APPLY NOW

**Data Science Summer Internship - DHG
Solutions Lab - Summer 2022**

APPLY NOW

**Applied Public Health Informatics
Fellowship**

APPLY NOW

