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Welcome back to Spring 2020...oops Spring 2022. Thanks to all of you for reacting and changing course once again on short notice. At least I already know how to quickly change my classes to virtual...

We have moved our faculty meeting to a virtual meeting and cancelled the reception. Someday we'll all be able to meet each other in person.

A couple of items. As you prepare your CV/FAR for your annual review with your department chair, please send your information to me so I can review and let your chair know of your contributions to SDS for your annual review.

We are getting into the faculty recruiting season. SDS is participating in several searches. First up this month will be a joint Philosophy/SDS position. Be on the lookout for the Research presentations and SDS faculty meetings with the candidates. There are four interesting candidates that I'm looking forward to learning more about. Please plan on participating as you are able and providing feedback. Two other searches are underway. One joint with SIS and another that is a Teaching faculty in SDS. These interviews will come later this semester.

Finally for those that ordered SDS shirts with our new logo, the shirts are starting to arrive after supply chain delays. We'll interoffice them to you as we can.



Call for Speakers: Women in Data Science Conference

The School of Data Science is honored to once again host Charlotte's Women in Data Science (WiDS) Conference on **March 15th, 2022**. **Please note that this date has changed.** This year, the conference will be a one-day in-person event, complete with two keynote speakers, panel discussions, and a series of breakout sessions, featuring industry and academic experts from across the region, highlighting groundbreaking research, innovative industry solutions, and more. We are currently inviting industry thought leaders, faculty alumni, and researchers to share their expert knowledge as speakers for the 2022 WiDS conference.

Those interested in participating in the WiDS Charlotte conference as a presenter must submit a [formal proposal](#). All proposals must be submitted as a PDF to Analyticsfrontiers@uncc.edu by January 15, 2022.

If you are interested in speaking, or have any suggestions for speakers, please email [Lindsay Lennon](mailto:Lindsay.Lennon@uncc.edu). There is also the opportunity to speak at the Analytics Frontiers Conference on 3/31.

[FORMAL PROPOSAL](#)

[LINDSAY LENNON](#)

How to Request Updates to Your SDS Faculty Directory Listing

If you have any changes that you would like the School of Data Science to make to your Faculty Directory listing, please submit this [Google Form](#) with the updated information. This can include your job title, education, courses taught, biography, external organization & title (for adjunct faculty), headshot, etc. You can view your current listing on the SDS Faculty Directory below.

[FACULTY DIRECTORY](#)

[GOOGLE FORM](#)

**Please also use the above form to indicate whether the School of Data Science has permission to feature you with our new Faculty Spotlight posts on our social media!*

Summer 2022 Course Development Opportunity

In line with the goals of the University's General Education Resign that is currently underway, SDS is planning to launch an introductory data analysis course that would fulfill undergraduate students' "Quantitative/Data" general education requirement starting in Fall 2023. We are seeking two faculty members to co-develop the course during summer 2022. Ideally, the team would include one faculty member from CCI and one faculty member from the Department of Mathematics and Statistics. There is summer salary funding available for this work – one month of salary for each faculty member. Please reach out to Angela Berardinelli (aberardinelli@uncc.edu) for more information or to express interest in participating.



SDS Faculty Meeting

January 11 | 3:30-5:00pm

This faculty meeting will be held virtually on zoom. See details below.

ZOOM LINK

AGENDA



Access to the High Performance Cluster - Spring 2022

If you are planning to use one or both of the HPC educational clusters for course sections during the Spring 2022 term, please use the link below to complete the account creation request [form](#). More details can be found [here](#).

AWS Academy

AWS Academy is a global program that provides educational institutions and educational nonprofits with access to an AWS-developed and authorized curriculum so they can more easily offer cloud computing courses to their students. By participating in AWS Academy, institutions can help students become proficient and certified on the use of Amazon Web Services (AWS) technology. SDS and UNC Charlotte hold an institutional membership. Faculty interested in being nominated for the academy should reach out to Josh Hertel, jhertel@uncc.edu.

LEARN MORE

IBM Academic Initiative

The IBM Academic Initiative provides professors and students access to the latest technologies in open source and IBM software, hardware, course materials, training, technical support, and other resources.

- IBM Cloud, available cloud resources (Hybrid Cloud, Kubernetes, OpenShift, etc.)
- Data and AI portfolio including Watson Studio, AutoAI, Blockchain, and IOT
- Introduction to freely available Data Science curricula
- Garage Method, Enterprise Design Thinking, and Cognos Analytics

Contact AJ Rindos: email: rindos@us.ibm.com

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Alteryx SparkED Program

Alteryx is a software solution that allows users to quickly access, manipulate, analyze, and output data. Alteryx builds workflows that become a form of process documentation allowing users to see, collaborate on, support, and enhance the process. Data can be read and written to files, databases, and APIs. Alteryx also comes with functionality that enables predictive analytics and geospatial analysis. SparkED was created to serve educators and students providing free access to teaching tools, and learning resources. The SDS will be scheduling a open training session for faculty and students in early February.

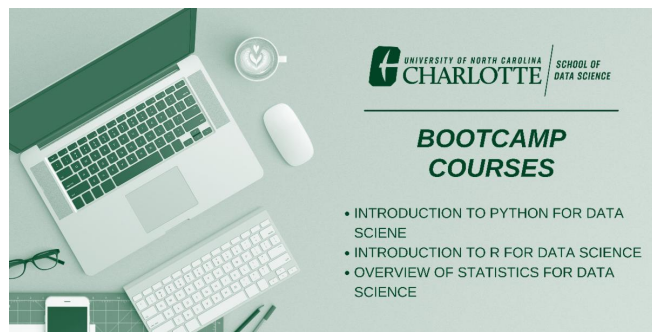
LEARN MORE HERE

SDS Student Bootcamp: 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, Introduction to R, and, as of this spring,

Introduction to SAS For Data Science. We are discussing developing a new SQL bootcamp for fall 2023. The bootcamps are free and available to any student enrolled in in a SDS course. Registration for the spring semester SDS Boot Camps is currently open.



[REGISTER HERE](#)



CDC Announces a New Center for Forecasting and Outbreak Analytics

The Center will bring together next-generation public health data, expert disease modelers, public health emergency responders, and high-quality communications, to meet the needs of decision-makers.

[Learn More Here](#)

National Science Foundation's Dear Colleague Letter: Encouraging Research on Open Knowledge Networks

The **proposal submission** window for Small projects to the OAC (Office of Advanced Cyberinfrastructure) Core Program is December 1 – December 22, 2021. Other CISE Core Programs accept proposals anytime. However, for full consideration under this DCL in fiscal year (FY) 2022, proposals should be submitted before **April 15, 2022**.

LEARN MORE

Data Science Faculty Research Award

Recognize an individual faculty member (core or affiliated) in the School of Data Science for his/her significant research achievements in the past calendar year. The call for self-nominations is available on the school website and the deadline for applications for the year 2021 award will be March 1, 2022.

WEBSITE

NSF Scholarships in Science, Technology, Education and Mathematics Program

The National Science Foundation currently has a funding opportunity for low-income STEM students. Interested in submitting a proposal? Email [Dongsong Zhang](#).

SDS Seed Grants

Given the much smaller number of applications for SDS seed grants for data science in the Spring than in the summer, the research committee of the SDS has decided to skip the Spring funding cycle of the seed grant program and put all the resources for the summer cycle. The call for proposals for summer 2022 SDS seed grants will be released on Feb. 15, 2022 and will be due on March 30.

Specifying SDS as an Affiliate Center

When routing a proposal, **please make sure to specify the School of Data Science as an affiliated center in the Niner Research system** in addition to your home department, so that the school can keep track of the proposals submitted and awarded by our faculty. Instructions can be found on the Research tab of our website.

VISIT OUR WEBSITE

Student

RESOURCES

Applied Public Health Informatics Fellowship

This is a 2-year program where recent graduates and early career professionals work in a state or local health agency under the guidance of two experienced mentors. Fellows are matched to a host site with demonstrated capacity to provide technical training, research opportunities, and opportunities for experience in the application of public health informatics in a practical setting.

[MORE INFORMATION HERE](#)

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.



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