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We are more than half the way through the semester. We have had a busy start and will continue to evolve. To that end, I will set up a series of meetings with the SDS faculty of each College. While I work to have a coherent culture across the School, I realize there are issues unique to the faculty of each College. I want to spend time with each group to understand their combined viewpoints and how they feel about the School. This is a great time, as we have been renewing all the original affiliation agreements.

Additionally, it is a crucial year since we have begun the formal approval procedures for not one but two significant additions to the School. The Request for Preliminary Authorization process for the BS in Sports Analytics and the Ph.D. in Data Science has both been initiated and will be sent to the UNC System. At this point, the Ph.D. planning committee has presented at our meetings. Our courses' popularity, the certificate's demand, and our collaboration with CHHS have indeed fueled the BS in Sports Analytics growth. The faculty and committee still have much work to do, but I'm looking forward to the launch of both. I also want to recognize all the hard work put in by the faculty to put these together; many have contributed, with Jean-Claude Thill and Monica Johar leading the Ph.D. work and John Tobias leading the Sports Analytics work.

Do you have an event or story idea to share with the SDS community? As always, please submit ideas to [Lindsay Lennon](#), SDS Communications and Events Manager.

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## Call for Proposals: SDS Annual Conferences

### Women in Data Science CALL FOR PROPOSALS

The Women in Data Science (WiDS) Conference will be on March 8, 2023 - also falling on International Women's Day! The conference aims to inspire, educate, and engage current and future data scientists in the Carolinas, regardless of gender, and to support women in the field by providing training, networking, and mentoring opportunities. There are several breakout sessions planned throughout the day, and we are accepting speaker proposals on topics such as career development, machine learning and AI in the cloud, and more. Submissions are due November 15.

### LEARN MORE

### Analytics Frontiers CALL FOR PROPOSALS

Following the WiDS, March 9 brings us the Analytics Frontiers Conference. This is the largest data science conference in the region, attracting more than 500 thought leaders, scientists, and business executives. Topic ideas include ethics, finance, healthcare, and more. Proposals are due November 15.

### LEARN MORE

## Register and Vote!

UNC Charlotte is an early voting location and will be open through November 5 in the Cone Center. You can register and vote on the same day!

Additional voting resources are available on the [49er Democracy Experience website](#).

**ONE STOP EARLY VOTING AT UNC CHARLOTTE**

# REGISTER AND VOTE AT THE SAME TIME

OCT. 20 - NOV. 5

CONE UNIVERSITY CENTER  
ROOM 111



DEMOCRACYEXPERIENCE.CHARLOTTE.EDU



## Major Faculty Research Areas in SDS

Six major research areas have been compiled with examples of grants/projects, sample publications, and any faculty currently working on those specific topics. Please refer to this list of research areas as inspiration for collaborative projects.

[RESEARCH LIST](#)

## Last Call for Summer School

Are you interested in teaching a summer course- for 5 or 10 weeks? We are currently building the summer SDS schedule. Whether an existing DSBA, HCIP, or DTSC class or a new special topics course, please reach out to [Josh Hertel](#) with suggestions or questions.



**Visiting Lecture: "Use of Accelerometers in Clinical**

# Trials"

Dr. John Staudenmayer, PhD  
Wednesday, November 9th, from 1:30-2:30 pm (hybrid)

Department of Public Health Sciences  
College of Health and Human Services

Visiting Lecture

## Use of Accelerometers in Clinical Trials

DR. JOHN  
STAUDENMAYER, PHD

University of  
Massachusetts, Amherst



VIEW ABSTRACT  
AND RSVP BY  
USING THE QR  
CODE

Abstract and RSVP link: <http://tiny.cc/RSVPabstract>  
Zoom link: <http://tiny.cc/JS-Zoom>



WED, NOV 9TH  
1:30PM - 2:30PM  
CHHS ROOM 131



## SDS Advisory Board Meeting: December 8th

The School of Data Science will host its December board meeting in person on the main campus in Colvard South, Room 1040. Faculty and students are invited to attend an open reception directly after the board meeting from 5:00-6:00 pm.

## SDS Faculty Meeting: December 8th

We have scheduled the next SDS Faculty meeting for December 8th (*Reading Day*) in Colvard 1040. Please join us for updates on the curriculum, degree proposals, and the next round of SDS Seed Grants. We want to invite faculty to stay for a reception with the Industry Advisory Board afterward.



Refreshments will be served.

## Big Data Health Science Case Competition

February 3-5, 2023  
(virtually)

The Big Data Case Competition is intended to provide enthusiastic teams of graduate and senior undergraduate students with the opportunity to apply their knowledge to analyzing big datasets in healthcare. Students will compete in teams to solve an issue in healthcare using big data analytics for a chance to win cash prizes!



LEARN MORE

## Tuesday SDS Seminar Series

Our Tuesday seminars run from 4:00-5:00 pm, in person at CCB, room 501, and feature guest speakers from the data science industry and health analytics who provide real-world insights and perspectives on various career paths. The full schedule with registration links is on our [events](#) page.

**Upcoming:**

**11/8/2022:**

[Philipp Maier from Alteryx](#)

IN PERSON EVENT

# TUESDAY SEMINAR SERIES

Sponsored by:



Philipp Maier  
GLOBAL PRACTICE LEAD  
ALTERYX



A Day In The Life Of  
A Data Scientist -  
Working For A Data  
Science Company

November 8, 2022

For more information,  
please visit:



## SDS Coffee Hour Tuesday's at CCB

The SDS Student Council has organized a series of drop-in coffee hours at the Center City Campus. These are informal networking events for faculty, students, and staff. Join us on the fifth floor for a quick caffeine jolt and casual conversation!

The Dubois Center/CCB Room 501:  
11/08/22 at 5:00 pm

## Wednesday Health Informatics Research Seminars: 4:00 pm to 5:00 pm

UNC Charlotte is part of the consortium of North Carolina Schools that offer weekly *virtual research seminars*. Members include UNC-Chapel Hill, Duke University, East Carolina University, and UNC Charlotte. Every Wednesday from 4:00-5:00 pm, researchers from across the state present their latest research. **[Log in and join the conversation.](#)**

## CSAM Annual Meeting November 18, 2022

Consortium for Self-Aware Machining and Metrology (CSAM) annual meeting on Nov 18, 2022, in Charlotte. The meeting will be held in hybrid mode (in-person and online). The meeting agenda includes a keynote speech, research presentations, and a panel discussion on AI in manufacturing and metrology.

The mission of CSAM is to generate new knowledge in applying artificial intelligence to high-precision part manufacture and measurement.

The agenda and registration details can be found [here](#).

The zoom link for the online event will be emailed to you upon registration.

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## BIG Fall 2022 Seminar Series

The Department of Bioinformatics and Genomics hosts a Weekly Seminar Series that covers research within Bioinformatics, Genomics, and Computational Biology. Seminars are free and open to the public. Seminars take place on Fridays from 2:30- 3:30 PM.

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## Important Dates

- **December 7th:** Spring Tuition Payment Due
- **December 8th:** Reading Day
- **December 8th:** SDS Advisory Board Meeting
- **December 8th:** SDDS Faculty Meeting
- **December 9th:** Final Examinations Start
- **December 16th-17th:** Fall 2022 Graduation
- **January 9th:** Spring 2023 Semester Begins



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## Technology Development & Proof of Concept Fund

Research and Economic Development, through the Office of Research Commercialization and Development, offers proof-of-concept grants for up to \$10,000 to support product development and initial testing of new university-owned innovations and technologies with strong commercial potential. Through this program, the university hopes to fill a critical funding gap along the innovation continuum and reduce some of the barriers associated with licensing and commercialization by adding significant value to early-stage innovations. The Technology Development and Proof-of-Concept Fund is managed by UNC Charlotte's Office of Research Commercialization and Development.

Questions regarding the program should be directed [here](#).

More information can be found [here](#).

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# Student RESOURCES

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## Tuesday Seminar Series

Our Tuesday seminars run from 4:00-5:00 pm and feature guest speakers from data science and health analytics who provide real-world insights and perspectives on various career paths. The full schedule with registration links is on our [events](#) page.

. Please encourage your students to participate Tuesday afternoons at CCB.

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## ORISE STEM Internships and Fellowships

ORISE connects the most talented and diverse college students, recent graduates, postdocs, and faculty to STEM internship and fellowship programs closely aligned with the interests of various research facilities, including those managed for the U.S. Department of Energy and more than a dozen other federal agencies. These STEM internship and fellowship programs are critical to recruiting and preparing the next generation of our nation's scientific workforce. Find opportunities via Zintellect, a searchable database of research and non-research internships and fellowships administered by ORISE and its managing contractor, ORAU.

ZINTELLECT OPPORTUNITIES

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## SDS Faculty Grant Awards

Grants have recently been awarded to some SDS Faculty members. Please spend some time looking through their recent research projects.

[MORE INFORMATION HERE](#)

## AI Research Opportunities

Be sure to check out different AI research opportunities below.

[Research Opportunities](#)

## February 2023 Conference Opportunity

The call for presentations for TechNet Fort Bragg is open until November 11. The goal is to provide a forum to demonstrate new, innovative solutions and best practices regarding the challenges faced by our military. The event offers an opportunity for experts and leaders from the Army and Fort Bragg community to address various sides of the challenging, controversial issues facing the FORSCOM, USSOCOM, JSOC, and USASOC communities. It is expected to attract 700+ military, government civilians, and industry technology, professionals. Vendors participating in the exposition can showcase their products and services to key decision-makers within the Department of Defense from the Fort Bragg area.

### Focus Areas:

- Artificial Intelligence
- Cloud
- Cyber
- Data
- Small Business

You can find additional information [HERE](#).

## Big Data Quality Solution (DQS)

The Defense Intelligence Agency (DIA) posted a request for information (RFI). DIA's Science & Technology Directorate (S&T) is seeking information from the industry to assist with developing and planning a Data Quality Solution (DQS). Responses are due by 12:00 p.m. Eastern on December 15.

[MORE INFO HERE](#)

## CDC Announces 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 decision-makers needs.

[MORE INFORMATION HERE](#)

## 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](mailto:Dongsong.Zhang).



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