



Announcements

Correlation 1 is looking for Duke students to compete in a virtual coding competition- win \$25,000!

January 22, 2021 at 12:00 PM EST - 4:00 PM EST

[Correlation One](#) is inviting Duke students to compete virtually at two different competitions:

- [East Coast Regional Terminal](#): Terminal Live is an online game where software engineers and computer scientists (or anyone else interested in coding!) build an algorithm to play a tower defense game in a team-based setting.
- [East Coast Regional Datathon](#): Datathons are data science competitions that challenge students from the world's best universities to tackle real-world social challenges in topics such as urban traffic, renewable energy, and education.

Participating students will compete for \$25,000 in cash prizes, and will also be eligible for exclusive recruiting opportunities with Citadel LLC and Citadel Securities

For more information, please inquire with : Roysi Eskenazi,
roysi@correlationone.com

Call for Duke Rep Summer Instructors

(TA credit or compensation will be provided)

Duke research in engineering program is a 7 week online summer reasearch program for rising juniors and seniors in high school. Duke Rep aims to inspire students from divrse backgrounds to pursue stem career. we are looking for current BME PhD students to serve as module instructors.

When: June 14-july 30 2021

Application open: Jan 25 2021

Deadline : March 1 2021

Info session: Feb 5 2021 at 2pm, register here: bit.ly/369aupx

Useful links: For more details and to apply visit sites.duke.edu/dukerep/instructors; password: DukeREPBME2021

Survey Participants Needed

The University of Massachusetts is currently seeking participants for a brief 20-minute research study on **the impact of COVID-19 and systemic racism on graduate Women of Color's mental health and STEM persistence.**

Participants who meet **BOTH** of the following criteria are invited to take part in this research:

1. Identifies as a PhD student in STEM (e.g., sciences, informatics, mathematics, computer sciences, engineering, etc.)
2. Identifies as a woman of color (i.e., Black, Latinx, Indigenous, Asian American, and/or Bi/Multiracial)

If you are interested in participating in this study, please click the link below.

https://umassboston.co1.qualtrics.com/jfe/form/SV_bOgJD3BvvjFEaeV

If you have any questions about the research study, please feel free to email the principal investigator, Kerrie Wilkins-Yel, at kerrie.wilkins@umb.edu.

2021 Duke UCEM Research Summit

Thursday, February 25, 2021

3:00-5:00 p.m.

Via Zoom

Please join us for the annual Research Summit as Sloan Scholars share their research and we welcome keynote speaker Erika Moore, Ph.D. '18 (Biomedical Engineering), Rhines Rising Star Larry Hench Assistant Professor of Materials Science & Engineering at the University of Florida. The talks will be followed by the opportunity for questions and networking with speakers.

Register: <https://duke.zoom.us/meeting/register/tJYkd-2trDkiH9Xg5Nm8b0kqJs89VuwbRXQ2>

Jobs & Internships



Come learn about [BD's Technology Leadership Development Program](#) (they're hiring!), one of the premier career-accelerating opportunities in the med tech industry, along with insider interview & resume tips that will give you a leg up for your transition to industry.

Eligibility: PhD Students and Postdocs

Type: Virtual Session, Launching Your Career in the Med Tech Industry

When: Feb 4 @ 2 ET, Feb 9 @ 5 ET, or Feb 10 @ 8 ET

Deadline to apply: Application closes March 1st for the 2021 spring cycle

Details:

The TLDP vision is to develop future leaders of BD's R&D organization.

- The program consists of three successively more challenging assignments (~18 months each) that span multiple businesses and / or locations within BD.
- A personalized and dynamic career path is sculpted for each TLDP associate with the influence of senior R&D leaders and your personal skills and interests.

Program Qualifications:

- Outstanding Ph.D. graduates with significant leadership experience and technical depth in engineering, life sciences, or natural sciences fields
- Mechanical engineering, biomedical engineering, electrical engineering, computer science, chemical engineering, materials science, chemistry, biology, and related fields
- Early-stage career (less than 3 years of industry or postdoc experience outside the pursuit of a degree)
- Willingness and ability to relocate to different geographic locations
- Must be legally authorized to work in the United States without restriction to duration.

Useful Links:

- Join via MS Teams using [this link](#);
- Please RSVP [HERE](#)
- Apply at <https://jobs.bd.com/job/sandy/technology-leadership-development-program-senior-engineer/159/17633017> (Job ID R-376803)

Fellowships

CTSI Opportunities

[Duke-NCCU Collaborative Translational Research Grant](#) (Optional

LOI Due: Feb 2, 2021. Full application due: Feb 25, 2021.)

- Up to \$50,000
- Purpose: Develop inter-institutional collaborative research projects between investigators at Duke and North Carolina Central University.
- [More information and application details](#)

[Duke/UNC-Chapel Hill CTSA Consortium Collaborative Pilot Project](#)

[Award](#) (Application Deadline: February 23, 2021)

- Up to \$25,000 per institution (Up to \$50,000 total)
- Purpose: Develop inter-institutional collaborations for new investigator teams conducting novel clinical and translational research that applies or accelerates discovery into testing in clinical or population settings.
- [More information and application details](#)

[Duke/RTI Translational Research Agreement](#) (Deadline: May 20, 2021)

- Up to \$25,000 per institution (Up to \$50,000 total)
- Purpose: Develop inter-institutional collaborations for new investigator teams conducting novel clinical and translational research that applies or accelerates discovery into testing in clinical or population settings.
- [More information and application details](#)

[Duke/NC State Translational Research Agreement](#) (Deadline: June 3, 2021)

- Up to \$25,000 per institution (Up to \$50,000 total)
- Purpose: Develop inter-institutional collaborations for new investigator teams conducting novel clinical and translational research that applies or accelerates discovery into testing in clinical or population settings.
- [More information and application details](#)

Upcoming Workshops & Panels

Please join us for the 6th annual Networking dinner hosted by Duke SHPE!

(If you're still looking for an internship/full-time position, we strongly encourage you to attend this networking event!)

When: February 10th from 6:30 – 8pm EST

Please RSVP (link below) by February 4th at 9pm EST (so we can give the companies an accurate headcount) through the Google Form below if you are planning to attend.

Registration Form: <https://forms.gle/dV1kcnYtPeohWTGm6>

Company representatives will receive a resume book with the resumes of everyone in attendance, so please upload your resume in the appropriate section on the registration form. **Note: You do not need to be a member of Duke SHPE nor in Pratt to attend this event. Students from all backgrounds are welcome to RSVP.**

Although circumstances may be different due to COVID-19, we have decided to continue our annual networking dinner tradition and give Duke students the opportunity to network with various professionals in the STEM industry. Many of these companies are still recruiting and this is the perfect opportunity to get a conversation started (many representatives will be Duke alum!). Even as a freshman, this is a great chance to get to know more about the STEM industry and various professions you may be considering.

Companies currently in attendance:

- Boeing
- Optum
- Google
- Capital One
- Arco Murray (Construction)
- Accenture
- GSK Pharmaceutical

This event will be held on **February 10th from 6:30 – 8pm EST** and will be completely virtual this year using Zoom. Each rotation (three total) will feature about 5-6 Duke students with 1-2 representatives from the company in one breakout room. Participants are strongly encouraged to ask questions about

their industry, company, transitioning from college to the workplace, their recruitment process, etc

Seminars



The poster features the Duke University crest in the top left corner. The text 'DUKE UNIVERSITY' is centered at the top in a dark blue font. Below it, 'NANOSCIENCE' is written in large white letters, 'CERTIFICATE' in large blue letters, and 'PROGRAM' in large white letters. Three circular images are arranged horizontally: a molecular structure, a network of fibers, and a square microchip. The bottom section is dark blue with white text for requirements and contact information.

DUKE UNIVERSITY

NANOSCIENCE CERTIFICATE PROGRAM



REQUIREMENT

- * PhD Students
- * One Required Course
- * Three Elective Courses
- * 20 Nanoscience Seminars

<https://nano.duke.edu/graduate-program>
Made with PosterMyWall.com

CONTACT

Professor Michael Therien
Director of Graduate Studies
michael.therien@duke.edu

Mei Lu, Program Coordinator
mei.lu@duke.edu

Spring enrollment for Duke Graduate Certificate Program in Nanoscience (<https://nano.duke.edu/graduate-program>) is now open. If you are interested, Please fill out application form in the link above and return to Mei Lu at mei.lu@duke.edu

Alumni Engagment

Alum Zoom: Five Career Questions with Devin Bridgen, Ph.D.'15,

Associate Director, Exploratory Research, SQZ Biotech

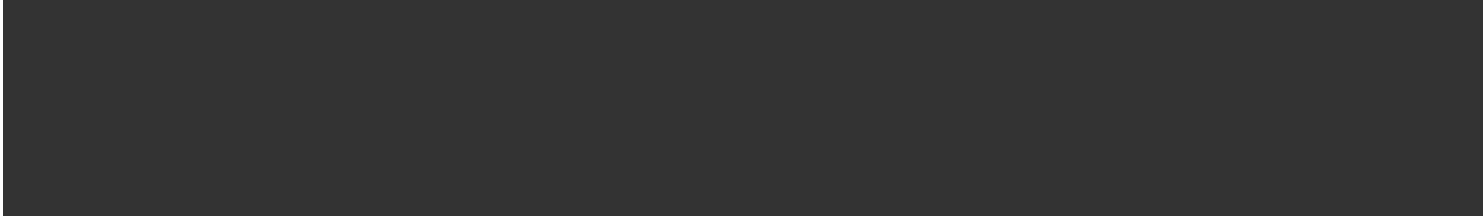
**Wednesday, February 10,
2021, 11:00 am to 11:30 am**

[Register now](#)

As part of a series of short, focused career conversations with former Duke PhD students and postdocs, we'll feature [Devin Bridgen](#), PhD'15 (Biomedical Engineering), Associate Director, Exploratory Research at [SQZ Biotechnologies](#). SQZ Biotech is working to create a new generation of cell therapies, with a current focus on modulating specific immune responses for oncology, infectious diseases, and autoimmune diseases. Dr. Bridgen began his career at SQZ as a Scientist after completing his Ph.D. and has been steadily promoted through roles in Exploratory Research and Strategy & Corporate Development.

*For More Event Details, Visit the
BMES Website!*

[BMES Website](#)



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