Subject: Monday Matters: Data Science Bootcamp, Summer 2022
Date:　Monday, February 21, 2022 at 8:00:34 AM Eastern Standard Time
From:　Dodge, Gail
To:　Dodge, Gail
CC:　Greene, Lesley H., Whitfield, Tiffany L.

Dear Colleagues:

Lesley Greene, Associate Dean for graduate studies, has been working with a team of faculty to develop a data science bootcamp this coming summer. She has provided the following information about this exciting new initiative.

Data Science Boot Camp
This summer, **May 9-14**, the College of Sciences will hold its first **Data Science Boot Camp**. This six-day intensive training course is designed to introduce the foundational elements of data science for Graduate Students and Assistant Professors interested in learning more about this important and growing field. The boot camp will involve a combination of lectures and practical hands-on exercises and will be instructed by expert faculty from the Computer Science and Mathematics & Statistics Departments. The main topics to be taught include:

- **Day 1-2: Modeling for data science and machine learning**
- **Day 3: Data manipulation and data visualization**
- **Day 4-5: Statistical learning**
- **Day 6: Functional data analysis and adversarial learning**

Graduate Students/Assistant Professors will also receive basic training in Python and R programming. Expertise in programming is not required. Desktop computers will be available to all participants in the boot camp classroom. Course materials will be made available one week prior to the start of the camp.

Registration
Registration is open to first and second year graduate students in the Computer Science and Mathematics/Statistics doctoral programs, graduate students of any year in the other College of Sciences Doctoral Programs and Assistant Professors throughout the college. If you would like to participate in this camp, please contact Donna Moore in the Dean's Office by email (dymoore@odu.edu) by April 8 at the latest.

- List your name and status (student or faculty)
- Email address
- Home department
- Doctoral program and year in your doctoral program (for students)
- State whether you will attend all 6 days
- In the email subject line please put - *Data Science Boot Camp Registration*

There are a limited number of seats (28) available. Acceptance will be prioritized for those students and faculty who can attend all six days of the boot camp, which will run from 9am-5pm, Monday-Saturday. In addition, we will prioritize involving broad participation from across the College and we will consider the order in which registration requests are received. There is no cost for attending the boot camp.

If you have any questions, please contact Lesley Greene (lgreene@odu.edu) in the Dean's Office. In future years, we hope to expand the number of seats beyond 28 and include more senior faculty that may be interested as well as participants from outside of the College of Sciences.

We look forward to your participation!

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