

## Monday Matters: Data Science Bootcamp May 2023

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To: Dodge, Gail <gdodge@odu.edu>

Cc: Greene, Lesley H. <LGreene@odu.edu>; Smeland, Jacob N. <jsmeland@odu.edu>

Dear Colleagues:

Lesley Greene sends the following information about the Data Science Boot Camp that will be offered in May.

### Data Science Boot Camp

This summer, **May 8-13**, the College of Sciences will hold its **2<sup>nd</sup> Data Science Boot Camp**. This six-day intensive training course is designed to introduce the foundational elements of data science and artificial intelligence for Doctoral Graduate Students, Post-Docs, Research Professors, and Assistant/Associate 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. If you attended last years boot camp, please note that this summer's program has several days of new topics that address Deep learning/AI.

#### **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:** Deep learning/AI
- **Day 6:** Deep learning/AI applications

All trainees will also receive basic training in Python programming. Experience 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, Post-Docs, Research Professors, and Assistant/Associate Professors throughout the college. If you would like to participate in this camp, please complete the registration form that can be accessed through the below link. It must be completed and submitted no later than 5pm on 7 April. For further information contact Jacob Smeland in the Dean's Office by email ([jsmeland@odu.edu](mailto:jsmeland@odu.edu)).

- Registration link: <https://forms.office.com/r/XuvcGZCT25>
- *In all email correspondence use the subject line- **Data Science Boot Camp 2023***

There are a limited number of seats and acceptance will be prioritized for those applicants who will attend all six days of the boot camp, which will run from 9am-5pm, Monday-Saturday. Priority will be given to doctoral graduate students, followed by Assistant Professors, but we will aim to have representation from all departments.

#### **We look forward to your participation!**

#### **Lesley Greene**

Associate Dean for Graduate Studies

Email: [lgreene@odu.edu](mailto:lgreene@odu.edu)

#### **Upcoming Events and Deadlines:**

- Chemistry Lecture: Thursday March 23, 7:30 pm; Lê Planetarium/Digital Theater, new Chemistry Building
  - Scott Miller, Yale University
- COACHE survey – Please complete this survey as soon as possible if you have not already
  - Survey was sent only to full time faculty past the first year
- COSURP proposals due April 4
- Kaplan Orchid Conservatory display house closing to visitors May 26