Monday Matters:

Dodge, Gail <gdodge@odu.edu>
Sun 9/17/2023 5:51 PM

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

Cc:Whitfield, Tiffany L. <tlwhitfi@odu.edu>;Mao, Jingdong <JMao@odu.edu>;Courson, David S. <dcourson@odu.edu>

📎 1 attachments (336 KB)
NIP RequestforProposal_2024_2025 Final.pdf;

Dear Colleagues:

I have a few opportunities to share with you today.

ODU's Institute for Coastal Adaptation and Resilience (**ICAR**) was established a few years ago to bring together Research, Education, and Outreach at ODU related to climate change and resilience. ICAR provides an opportunity to combine basic research with practical solutions across interdisciplinary fields. I urge you to participate in ICAR if you have any interest in these areas. Some of you attended a recent faculty lunch. For those of you who missed it, here are some opportunities you might want to check out:
- Faculty Fellows and Affiliates Application – bit.ly/48bz7QP
- Faculty Travel Award Application – bit.ly/45Oth6o
- Student Affiliate Program Application – bit.ly/3PxLe3A
- Student Travel Award Fund Application – bit.ly/3EwGiWt

ICAR Student Mixer: Join for hors d'oeuvres with friends and colleagues, plus learn about ICAR's Student Affiliate Program and Travel Fund for Student Affiliates!
- Thursday, October 26th, 12:15PM-1:30PM, Webb Center - River Rooms; RSVP - bit.ly/45JIVQw

ICAR Community Conversations: Join for lunch with ICAR Fellows, Affiliates, and community partners, plus engage in dialogue about engaged research opportunities!
- Thursday, November 30th, 12:15PM-1:30PM, Webb Center - Chesapeake, Portsmouth, VA Beach Rooms
- RSVP - bit.ly/3sNzgKm

Science Friday kicks off this coming Friday, Sept 22 at 4 pm. For those of you who are new, Science Friday is an informal gathering that takes place three times per semester. This is a time to come together with your colleagues in other departments. We mingle for ~20-30 minutes, and then have two 10 minute talks by faculty in different departments, and then talk some more.

This Friday we will have talks from the following faculty:
- **Guohui Song (Mathematics & Statistics): Feature Selection in Machine Learning**
  Feature selection is the process of choosing a subset of the most important features (or variables) that contribute to the predictive power of a model. It helps to remove the redundant features and boost the performance of machine learning models. Moreover, training on fewer data dimensions can reduce the computational cost. We will introduce some popular feature selection methods and demonstrate their performance in some applications.
- **Shuai Hao (Computer Science): Advancing Internet Security and Openness: Research Issues and Impacts**
  The components and services of Internet infrastructure play various critical roles on online activities and operations of the global Internet. In this talk, we will present how the fundamental Internet infrastructures work and discuss the security and privacy issues of Internet ecosystem. Also, we will showcase the research accomplishments that have addressed practical challenges and demonstrated real-world impacts.

The **Virginia Space Grant Consortium provides funding for new faculty**. See attached for details. Applications are due Nov. 9, 2023. Awardees must be in the first five years of their tenure-track academic career and be US citizens or permanent residents. Faculty may propose research within the full range of NASA's missions and activities.

AI Integration

- David Courson's Office Hours: Tuesday 1-2 pm and Wednesday* 10-11 am, Chem 1000J (*Change from previous schedule)
- Upcoming Seminar: Course Integration Basics, Thursday 9/21 @ 12:00pm in Chem 1002
    - This seminar will guide participants through the use of AI tools in developing course materials and showcase applications of these tools in the classroom. Attendees are encouraged to bring their laptops to engage with hands-on exercises.
- Future Seminar: Individualized Learning: Development of AI-based course companions.
    - Date and time: TBD
    - This seminar will focus on the potential for AI tools to be used for individualized learning. Participants will be guided through the production of 1) question and answer prompts for helping students develop conceptual understanding and 2) lecture support prompts to reinforce material from class. Attendees are encouraged to bring their laptops to engage with hands-on exercises.

- Future Seminar: Digging into Data: Use of AI tools for data analysis

    - Date and time: TBD
    - This seminar will focus on applications of AI tools for data analysis. For many students and faculty, the ability to perform data analysis is limited by technical know-how, not understanding. This seminar will focus on the use of AI tools to overcome these technical barriers, allowing participants to engage in higher level data analysis. This seminar will introduce the use of AI tools in coding applications and will highlight some specialty tools that allow for plain text inputs to guide advanced analysis. Attendees are encouraged to bring their laptops to engage with hands-on exercises.

Best Regards,
Gail

Upcoming Events and Deadlines:

- September 22: Science Friday 4 – 6 pm PSB 1100
    - Future dates: October 20, November 17
- Kirk Wetlands Lecture: Sept 28, 7 pm, Big Blue Room, Chartway Arena
    - Ghost Forests as Symbols of Climate Change and Resilience
      Marcel Ardon Sayao, North Carolina State University
- Oct. 7: Reign in Chemistry & Science Day – outreach event for kids in grades 3-12
- David Courson's AI Integration office hours: Tuesdays 1-2pm and Wednesdays 10-11am, Chem 1000J

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