

## DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Mathematical Sciences

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DATE: 21 Nov 2018

Top 3-5 events, activities, and newsworthy happenings UPCOMING in the next 30 days.

1. On 1 December, West Point's Center for Leadership and Diversity in STEM (CLD STEM) will be hosting a daylong event to engage 40 middle school girls from New York City in STEM workshops. Cadets from the Society of Women Engineers (SWE) will support the workshop.
2. On 7 December, a LEADS workshop will be held at Temple University in Philadelphia, PA leading up to the Army-Navy game. CLD STEM will conduct a high school workshop on Programmable Circuits.
3. On 11 December, CLD STEM and COL Mike Yankovich will conduct a STEM activity for approximately 65 middle school students to support the West Point Middle School during their read-a-thon.

Top 3 events, activities, and newsworthy happenings FROM THE PREVIOUS 7 days.

1. On 14 November, six members of the Department of Mathematical Sciences Faculty utilized their study day to attend Edward Tufte's course on Presenting Data and Information in Philadelphia, PA. Edward Tufte is a statistician and Professor Emeritus at Yale University as well as being one of the pioneers of Data Visualization. Concepts from this course, such as incorporating a variety of information architectures through practical examples, have already been included in cadet instruction and will continue to impact multiple courses throughout the department.

## DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Physics and Nuclear Engineering

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DATE: 21 November 2018

Please limit each list item to three sentences. We will contact you if we require photographs, videos, or any additional information. Please do not include any media in this SigActs report.

Top 3-5 events, activities, and newsworthy happenings UPCOMING in the next 30 days.

1. A NE major and a Physics major are among three students traveling to Simi Valley, CA, to attend the Reagan National Defense Forum, 30 November - 2 December.

Top 3 events, activities, and newsworthy happenings FROM THE PREVIOUS 7 days.

1. CPT Kyle Wilhelm, Instructor in the D/PNE, has been published as a co-author on a paper titled "Characterization of Lithium-Glass and Polyvinyl Toluene Heterogeneous Composites with Varying Geometries for Fast Neutron Detection" in the NIM-A peer-reviewed journal. The paper can be found at <https://www.sciencedirect.com/science/article/pii/S0168900218308507>.
2. Dr. Ken Allen traveled to Orlando, FL from 11-14 November to the American Nuclear Society's winter meeting. He presented a paper entitled **Importance of Professional Engineering Licensure for Nuclear Engineers** and served on a panel discussion on Professional Engineer licensure. Dr. Allen also acted as a judge for the undergraduate and graduate design competitions and met with members of the three national committees that he served on as a member.