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**ECONOMICAL AND SUSTAINABLE  
MATERIALS STRATEGIC GROWTH AREA**  
VIRGINIA TECH™

## Greetings from the ESM SGA at Virginia Tech!

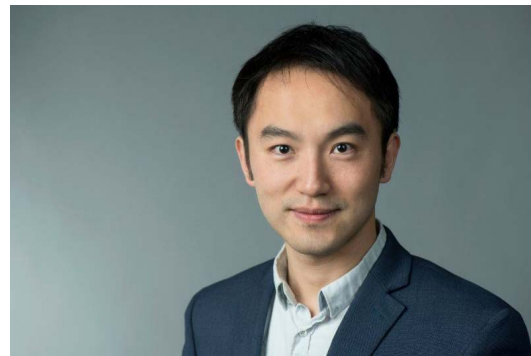
This month, 3D printing takes the spotlight, with two huge innovations from College of Engineering in prosthetic and space materials. And don't forget to register for our Materials Innovations & Instrumentation Expo! To stay up-to-date on daily news, please follow our Twitter feed (@MaterialsSGA\_VT) for daily news!



### Satellite built by Virginia Tech undergraduates ready for launch into space

The first satellite built by undergraduate students is scheduled to be launched into space on April 17, 2019, and makes use of 3D printed materials.

[Learn More](#)



### Rayne Zheng Receives Office of Naval Research Young Investigator Award

Xiaoyu 'Rayne' Zheng has received an Office of Naval Research 2019 Young Investigator award to study rational design and additive manufacturing of 3D piezoelectrics.

[Learn More](#)



### Drs. Romesh Batra and Daniel Crawford Honored as University Distinguished Professors

The Virginia Tech Board of Visitors unanimously approved three new University Distinguished Professor appointments, two of whom are in the College of Engineering and College of Science.

[Learn More](#)



### Researchers develop method to improve 3D-printed prosthetics by integrating electronic sensors

Virginia Tech professor and his interdisciplinary team of undergraduate student researchers have made inroads in integrating electronic sensors with personalized 3D-printed prosthetics

[Learn More](#)

# Materials Innovations and Instrumentation Expo

MAY 07 2019

**1pm-5pm**

*Admission: Free*

**MOSS ARTS CENTER**

**SCHEDULE:**

1:00-2:00 Invited speakers in Performance Hall

2:00-2:30 Networking (break)

2:30-5:00 Student posters and vendor exhibits

*Food and drinks will be served from 2:00-5:00*

**GUEST SPEAKERS**

**DR. ROBERT DIMEO**

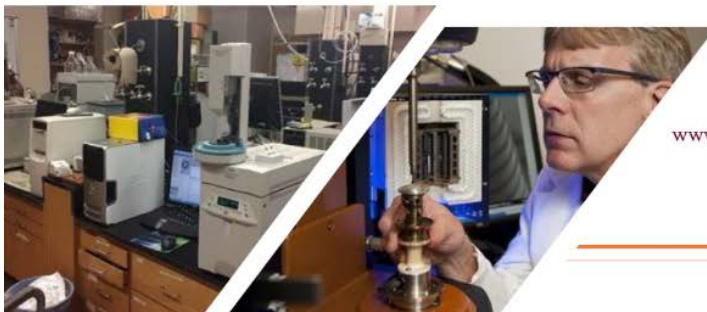
*Director of the NIST NCNR  
(Center for Neutron Research)*

**DR. HO NYUNG LEE**

*Interim Director of the  
Materials Science and  
Technology Division at ORNL*

**FOR REGISTRATION AND  
SUBMISSION OF ABSTRACTS,  
PLEASE VISIT:**

[www.provost.vt.edu/destination\\_areas/  
areas\\_of\\_focus/da\\_esm/expo](http://www.provost.vt.edu/destination_areas/areas_of_focus/da_esm/expo)



**Save the Date:**

**Materials Innovations and Instrumentation Expo**

May 7th, 1-5pm, Moss Arts Center

*Food and drink will be served from 2-5pm*

- **1:00-2:00** Invited speakers in Performance Hall
- **2:00-3:00** Networking (break)
- **2:30-5:00** Student posters and vendor exhibits

Admission is free. [Register here.](#)

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