

**KENNEDY UNION BALLROOM**  
**MARCH 5, 2018 • 11:30AM–1:30PM**

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**SPOTLIGHT ON TECHNOLOGY,  
ARTS, RESEARCH AND  
SCHOLARSHIP**

# STARS

**A three-part series focusing on  
UD's STEM Catalyst Program**

This collaboration of the College of Arts and Sciences, Hanley Sustainability Institute and School of Engineering offers competitive research grants across the natural sciences, engineering and mathematics. All three sessions will feature recipients of 2017 STEM Catalyst grants. The award is intended to foster new and expand existing research programs with the potential to achieve national prominence and external support. Recipients of the inaugural awards will present their research in health, biosciences, biomechanics, environment, sustainability and cybersecurity.

**LUNCH • 11:30 INTRO • 11:35**

**PRESENTATION 1 • 11:45**

*A Virtual Reality Based Video Self-Modeling System  
for Behavior Intervention (Ju Shen, Benjamin Kunz)*

**PRESENTATION 2 • 12:10**

*Deciphering Novel Calcium Circuits Implicated in the  
Neurobiology of ADHD (Pothitos Pitychoutis)*

**PRESENTATION 3 • 12:35**

*The Role of Signaling Pathways in Alzheimer's Disease:  
A Silver Tsunami of the 21st Century (Amit Singh)*

**DESSERT AND MIXER • 1:00**

## FEATURED SPEAKERS



**Ju Shen**  
Computer Science



**Benjamin Kunz**  
Psychology



**Pothitos Pitychoutis**  
Biology



**Amit Singh**  
Biology

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