



**OCTOBER 13**  
**11:00AM - 12:00 PM**

## ON-GOING CAIA AFFILIATED SEED PROJECTS

Join us for our October Lightning Talk  
hosted by Dr. Kang Xia

In 2021, CAIA/CALS funded a total of 27 seed projects. This lightning talk session will showcase the progress of some of the 2021 CAIA/CALS-funded seed projects as well as awardees' current and future plans.

Register [\*\*HERE\*\*](#)



COLLEGE OF AGRICULTURE AND LIFE SCIENCES  
CENTER FOR ADVANCED  
INNOVATION IN AGRICULTURE  
VIRGINIA TECH.

## SPEAKER LINEUP

**Brian Badgley**

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“Developing a research platform to integrate host-microbiome-environment interactions into crop breeding”

**Ryan Stewart**

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“Understanding Agro-Environmental Processes Using Low-Cost CO<sub>2</sub> Sensors.”

**Ksenia Onufrieva**

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“A novel method for volatile organic compounds (VOC) detection in the field”

**Emmanuel Torres**

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“Precision agriculture tools for irrigation and mite management in tomato production”

**Lorena Lopez**

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“Spatial modeling to monitor and manage spider mite infestations in tomatoes”

**Reza Ovissipour**

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“Insect as Waste Biorefinery for Bioplastic Manufacturing”