



**2022  
CONFERENCE  
SESSION & PROGRAM  
LIST**

**All sessions will be available on demand  
after 9:00 on February 22, 2022**

**WOMEN IN STEM PANEL  
DISCUSSION**

Panelists:

**Ananya Asthana**

Founder + Executive Director  
Women in STEM (WiSTEM)  
Currently a student at Yale University

**Aletris Neils**

Executive Director  
ConservationCATalyst  
Wildlife ecologist and conservation biologist

**Sepideh Razavi**

Assistant Professor  
School of Chemical, Biological, and Materials  
Engineering, University of Oklahoma  
Specializes in soft matter engineering

**Alyxandra Van Stockum**

A recent PHD graduate of the University of  
Tulsa Cyber Corps Program and School of  
Cyber Studies  
Currently working for the NSA in Washington  
DC

**Becky Zawalski**

Field Educator for Blue Thumb, a statewide  
citizen science program that trains volunteers  
to monitor creeks and streams.

**BREAKOUT SESSION**

**GROUNDWATER**

Model Aquifer  
Groundwater Contamination & Restoration Challenge

**HANDS-ON ACTIVITY  
SESSIONS**

**Water Drop Engineering Challenge**

**Heron's Fountain**

**HALL OF RESEARCHERS  
INTERVIEWS &  
HANDS-ON ACTIVITIES**

**Erin Oliver**

Noble Research Institute  
Soil Ecology  
**Activity:** Winogradski Column

**HALL OF RESEARCHERS  
INTERVIEWS &  
HANDS-ON ACTIVITIES**  
*(continued)*

**Aisha Sam**  
Oklahoma State University  
Natural Resource Ecology and Management;  
**Activity:** “Soil Your Underpants” Microbe Challenge

**Taylor Grace**  
Meteorology/Climatology  
University of Oklahoma  
**Activity:** Cloud In A Bottle

**Maggie Leon-Corwin**  
Environmental Sociology  
Oklahoma State University  
**Activity:** LABX Extreme Event Game

**Leslie Garcia**  
Chemistry  
Southwestern Oklahoma State University  
**Activity:** Soda & Milk Experiment

**Vinushika Panchalogaranjan**  
Electrical Engineering  
University of Oklahoma  
**Activity:** Wind Turbine Blade Design

**STUDENT CITIZEN  
SCIENCE OPPORTUNITIES**

**Blue Thumb Oklahoma**

**EBird**

**Field Photo & Photo Library 2**

**Oklahoma BioBlitz 2022**

**Project Squirrel**

**OTHER STUDENT  
SESSIONS/OPPORTUNITIES**

**WiSTEM Ambassador Opportunity**

Science Museum Oklahoma’s **SCIENCE LIVE**

Science Museum Oklahoma’s **Planetarium Show**

**RECRUITMENT FAIR  
VENDORS**

<b>Oklahoma EPSCoR Conference Welcome</b>
Cameron University Physics Department
East Central University – Biology
Oklahoma City University - Kramer School of Nursing
Oklahoma State University – Annagrace Lewis – <i>Triple STEM Major</i>
Oklahoma State University – Communication Sciences & Disorders
Oklahoma State University – Computer Science Degree
Oklahoma State University – Facilities Video Tour – Chemistry Department
Oklahoma State University – Facilities Video Tour – Department of Psychology
Oklahoma State University – Facilities Video Tour – Microbiology & Molecular Genetics Department
Oklahoma State University – Facilities Video Tour – Physics Department
Oklahoma State University – Freshman Research Scholars Program
Oklahoma State University – Math and Science Degree Options
Oklahoma State University – Medicinal and Biomedical Chemistry
Oklahoma State University – Mia White – <i>Psych Student Becomes CSI</i>
Oklahoma State University – Physiology Degree
Oklahoma State University – Political Science Degree Program
Oklahoma State University – Pre-Health and Pre-Med
Oklahoma State University – Women in STEM – Gabriel Barber
Oklahoma State University – Women in STEM – Georgia Eastman
Oklahoma State University – Women in STEM – Jillian Gore
Southern Nazarene University
Southwestern Oklahoma State University – STEM Majors
University of Central Oklahoma - Forensics Sciences

**RECRUITMENT FAIR  
VENDORS  
(continued)**

University of Central Oklahoma – College of Math and Science

University of Oklahoma – Women in Geosciences

**TEACHER LOUNGE  
ACTIVITIES**

**Oklahoma State Department of Education Message**  
Office of Curriculum and Instruction  
Heather Johnston  
Director of Science and Engineering Education

**“TRY IT!” Science Activity:**  
Fertilizer Runoff Model (nitrogen testing)

**“TRY IT!” Science Activity:**  
Pollinator Garden Seed Paper Bookmarks

**“TRY IT!” Science Activity:**  
Water Desalination – Solar Stills

**“TRY IT!” Science Activity:**  
Water Sampling Engineering Challenge

**“TRY IT!” Science Activity:**  
Water Testing Chemistry

**CITIZEN SCIENCE OPPORTUNITY:**  
**BudBurst**

**CITIZEN SCIENCE OPPORTUNITY:**  
**Blue Thumb Oklahoma**

**PROFESSIONAL DEVELOPMENT/CITIZEN SCIENCE  
OPPORTUNITY:**  
**Certified Oklahoma Biodiversity Steward**