

# 2018 FLAGSTAFF FESTIVAL OF SCIENCE EVENTS

#### SATURDAY 9/22

Science in the Park Booth WHEELER PARK 10:00 am – 2:00 pm

#### Ethical Challenges Posed by Automation and Artificial Intelligence:

A Panel Discussion

BRANIGAR HALL 3:00 pm – 5:00 pm

#### **SUNDAY** 9/23

#### Kilauea Eruption!

Vaughan and Elise Rumpf, U. S. Geological Survey. Toxic gases, lava fountains, ash explosions, earthquakes and rivers of lava! Hear from local volcanologists as they report back from the fiery front line of Kilauea's once-in-a-generation eruptive episode. BRANIGAR HALL 3:00 pm – 5:00 pm

#### **TUESDAY** 9/25

### Bugs and Botany Up Close and Personal

View flowers and insects under a microscope in this afterschool workshop. Make your own giant photograph of a bug or plant of your choice. Coloring activities, too! Kirstin Phillips and Gary Alpert.

MNA RESEARCH CAMPUS, Center for Bio-Cultural Diversitity Laboratory 4:00 pm – 5:00 pm

#### Exploring the Crack-in-Rock Community and Art of Ancient Wupatki

Discover petroglyphs in the remote back-country of Wupatki National Monument. Experience dramatic landscape views, captivating rock art images and fascinating stories linking this site to Southwestern tribes. David Purcell.

BRANIGAR HALL 6:30 pm - 7:30 pm

#### **WEDNESDAY** 9/26

#### Recycling into the Future

Explore where things come from, what they are made of, what they are used for and what happens when they are used up. Activities include the wheel of recycling, a sorting game and scavenger hunt. Jay Downey.

BRANIGAR HALL 4:00 pm - 5:00 pm

#### THURSDAY 9/27

# Predicting Landscape Changes in our Backyard: the Future of the San Francisco Volcano Field.

Volcanos are HOT! Eroding volcanos are NOT! Suitable for all ages. Kirk Anderson. BRANIGAR HALL 6:30 pm – 7:30 pm

#### **FRIDAY** 9/28

#### How long was Seismosaurus?

Seismosaurus, at least 110 feet in length, was quite possibly the longest of the longnecks. Use chalk to outline this dinosaur in the parking lot. We'll compare it to modern dinosaurs and predict the size of future dinosaurs! David Gillette.

MNA RESEARCH CAMPUS, Geology Building Parking Lot 4:00 pm – 5:30 pm

#### SATURDAY 9/29

## MNA Easton Collection Center Open House.

Check out this modern, living facility that houses collections from ancient and current cultures as well as the natural world of the Colorado Plateau. Elaine Hughes.

MNA RESEARCH CAMPUS

10:00 am - 12:00 pm