**STAGE SCHEDULE**

**ILLUMINA FOUNDATION STAGE**

- **10:30 AM** Music Notes Math Concert by Music Notes
- **10:45 AM** Movie Special F/X by Mad Science
- **11:40 AM** Zovargo - ZOOper Hero Animals
- **12:20 PM** Mr. Smarty-Plants™ Cools the Climate
- **12:55 PM** From Vacuums to Volcanoes

**NEW SCHOOL OF ARCHITECTURE & DESIGN DUGOUT STAGE**

- **11:00 AM** Music Notes Math Concert by Music Notes
- **11:15 AM** Elementary Chorus to sing National Anthem
- **11:20 AM** TEDxKids@ElCajon
- **12:00 PM** Music Notes Math Concert by Music Notes
- **12:45 PM** TEDxKids@ElCajon
- **1:30 PM** TEDxKids@ElCajon
- **2:15 PM** Music Notes Math Concert by Music Notes
- **2:30 PM** TEDxKids@ElCajon

**EXTRA CREDIT CHALLENGE**

- **E** Pick up a worksheet at the Extra Credit Booth or any information booth and collect stamps at booths located at P4, P5, RF10, UF14, UF20, LF4, and LF18.
- **E** Then proceed to a fireside chat in the Draft Restaurant to complete your form. Bring your form to the extra credit booth, located at HF18, to receive a prize!

**Directions provided by NewSchool of Architecture & Design**

Come visit our booth today at PA1!
Recent discoveries of deep-sea animals

Oceanography

3:30 PM Dr. Greg Rouse, Invertebrate Zoologist | Scripps Institute of Oceanography

Life in the Antarctic Desert

3:00 PM Dr. Sunny Fugate, Senior Research Scientist | SWARAJ

Biologically Inspired Cyber Defense: Immunizing Computer Systems

2:00 PM Angela Zoumplis, Extremophile Explorer | Scripps Institute of Oceanography

Recent discoveries of deep-sea animals.

1:00 PM Dr. Tom Darlington, VP Operations, Chief Scientist | nanoComposix

Engineering Light with Nanomaterials

12:00 PM Jasmine Sadler, MBA Engineer | The STEAM Collaborative

Double Trouble: An Introduction to Climate Change and Ocean Acidification

11:30 AM Alyssa J. Griffin, Ph.D. Candidate | Scripps Institute of Oceanography

Genomics & Phytoplankton – Recent advances in using genomics to understand phytoplankton metabolism and the ocean carbon cycle.

10:30 AM Lavar J. Watkins | Learning Knowledge Worldwide, LLC

Obtain a greater awareness and prep for a STEM career path by “UPSKILLING.”

3:30 PM Dr. Andy E. Allen, Biologist | J. Craig Venter Institute

Viral infections aren’t always a bad thing. How do viral infections or marine microbes play a positive role in maintaining a healthy and stable ecosystem?

2:30 PM Dr. Lisa Zeigler Allen, Virologist | J. Craig Venter Institute

How do viral infections or marine microbes play a positive role in maintaining a healthy and stable ecosystem?

12:30 PM Dr. Lisa Zeigler Allen, Virologist | J. Craig Venter Institute

Viral infections aren’t always a bad thing. How do viral infections or marine microbes play a positive role in maintaining a healthy and stable ecosystem?

11:30 AM Dr. Sarah Smith, Staff Scientist | J. Craig Venter Institute

Divergent Darwinian – Meet microscopic diatoms with charismatic phytoplankton at the base of ocean food webs.

10:30 AM Lavar J. Watkins | Learning Knowledge Worldwide, LLC

Obtain a greater awareness and prep for a STEM career path by “UPSKILLING.”

9:30 AM Jasmin Tetreau, Pharmaceutical Biologist | San Diego Botanic Garden

Uncovering the genetic pathways that lead to Alzheimer’s disease

8:30 AM Dr. Adam J. de Vries, Biologist | UC San Diego

The Lafio Lake Lizard: An extinct lizard from a fog-encircled lake in the Andes

7:30 AM Dr. Matthew R. Reiman, Policy Analyst | University of California, San Diego

Climate change and historical sea level changes in the Southern Ocean

6:30 AM Communities for Climate Protection

Launching the 2020 Climate Conference: Celebrating our shared successes and setting a vision for collaborative action in 2020