

# ***FIRESIDE CHATS***

PRESENTED BY:



*at The Draft by  
Ballast Point*

## **FIRE PIT 1 AGENDA**

**11:00AM** Alyssa J. Griffin, Ph.D. Candidate – Scripps Institute Of Oceanography

Double Trouble – An Introduction to Climate Change and Ocean Acidification

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

In a visually unbalanced career field, Jasmine artistically engineers a new perspective on diversity.

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

Engineering Light with Nanomaterials

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

Life in the Antarctic Desert

**3:00PM** Dr. Sunny Fugate, Senior Research Scientist – SPAWAR

Biologically Inspired Cyber Defense: Immunizing Computer Systems Using Protective Unpredictability and Defensive Deception.

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

Recent discoveries of deep-sea animals

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## **FIRE PIT 2 AGENDA**

**10:30AM** Lavar J. Watkins – LKW STEM Foundation

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

**11:30PM** Dr. Sarah Smith, Staff Scientist – J. Craig Venter Institute

Diverse Diatoms – Meet microscopic diatoms with charismatic phytoplankton at the base of ocean food webs.

**12:30PM** Dr. Lisa Ziegler 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?

**1:30PM** Linsday Ng Lowry, UCSD Grad Student, Cosmology – Simmons Array CMB Experiment

Building ground-based telescopes in the Atacama Desert to study the early universe.

**2:30PM** Dr. Andy E. Allen, Biologist – J. Craig Venter Institute

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