

# **Presentation & Panel Discussion**

## **Integration of Resiliency Across Curriculum**

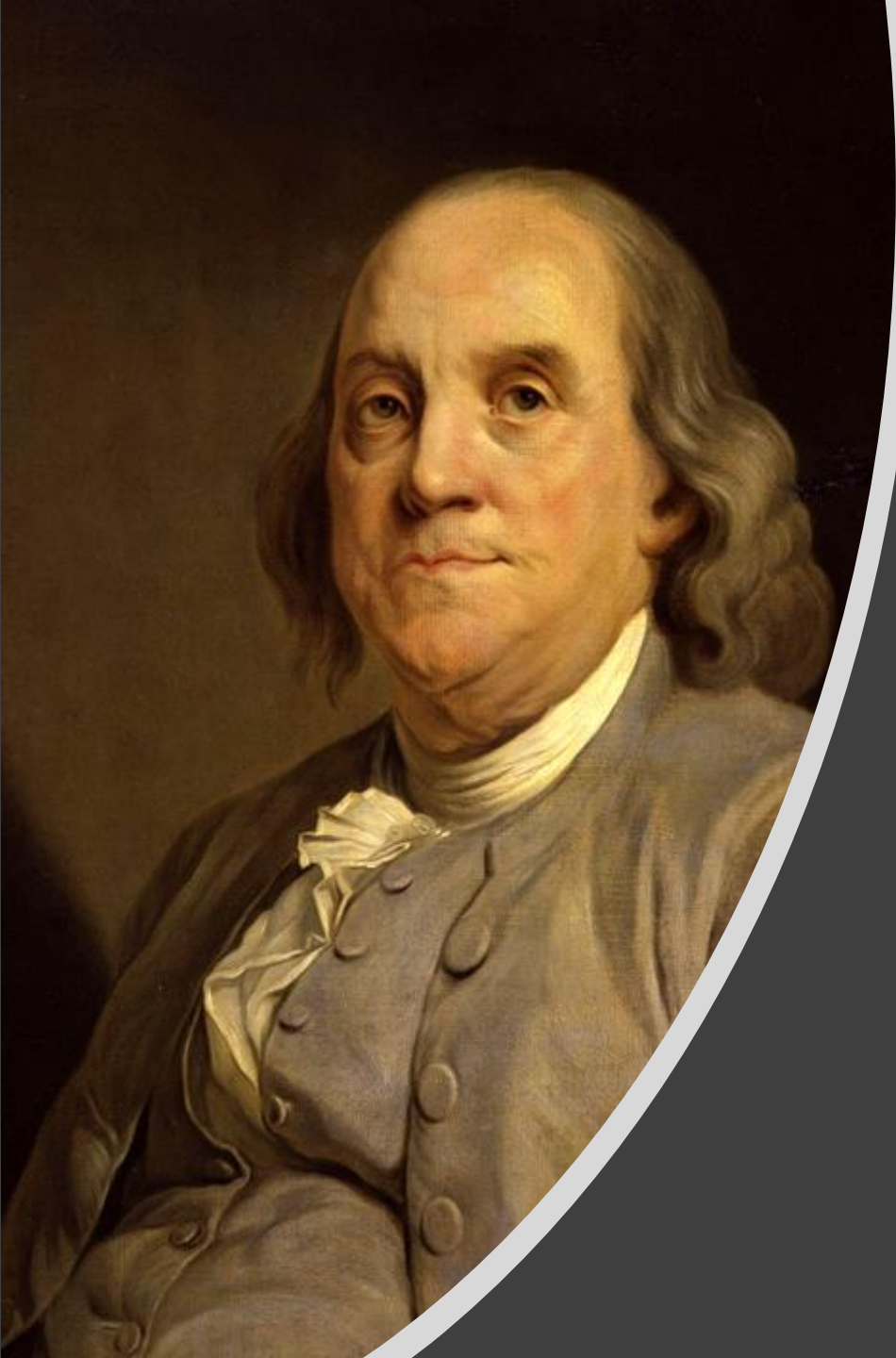
- Shaun Martin
- Neil Leary
- Mark Seifert, PhD
- Katherine Bishop



Climate change  
is here.  
Get Busy!

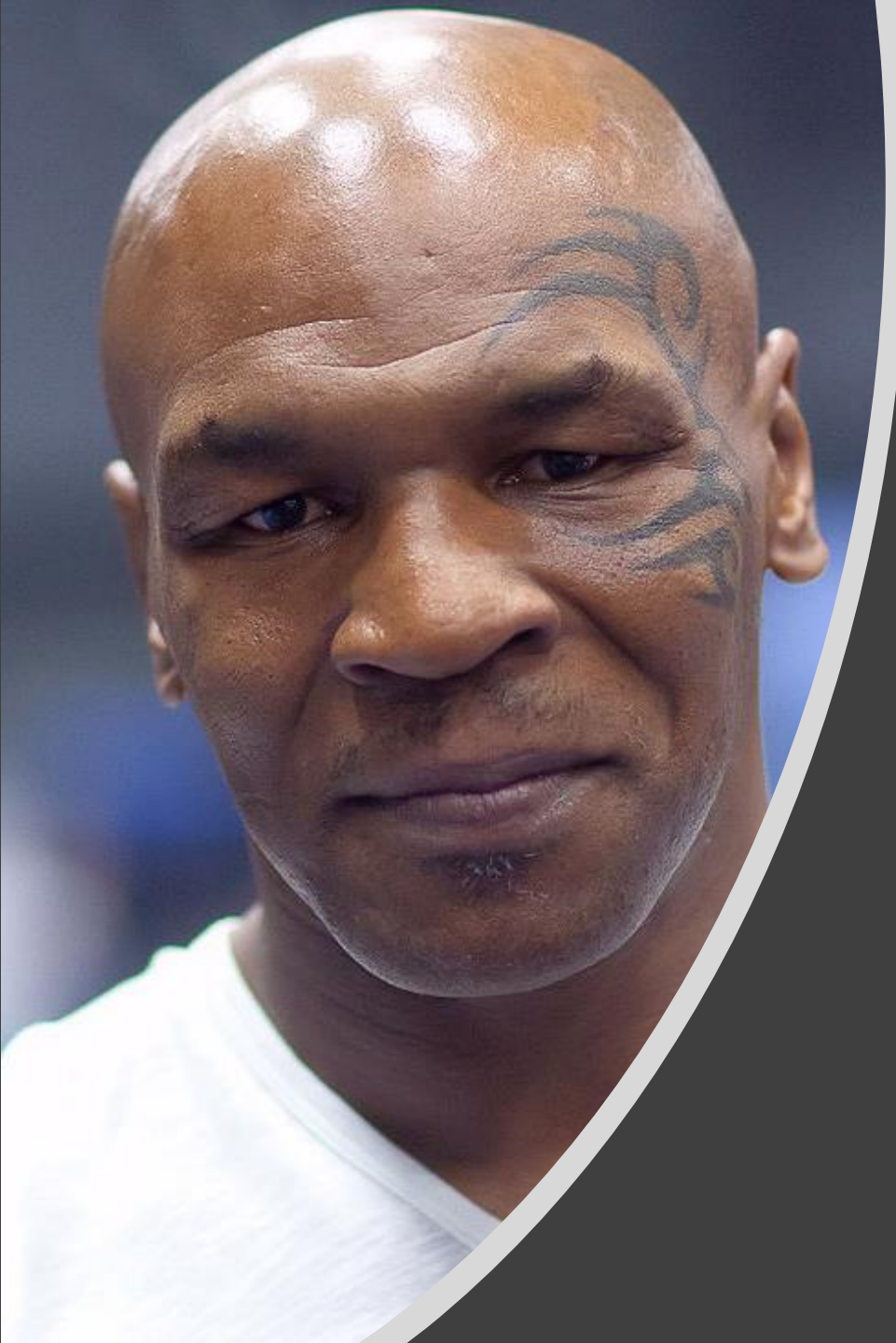
Shaun Martin  
May 31, 2018





By failing to  
prepare, you are  
preparing to fail.

*Benjamin Franklin*



Everybody has a  
plan until they  
get hit.

Mike Tyson



climate change  
changes  
everything



# ecology

## Grizzly Bears Are Waking Up Early This Year, and Climate Change Could Make That a Bad Habit

A warm winter has roused the omnivores in the middle of February, which reduces their chance of survival.



*(Photo: David Ponton/Getty Images)*

FEB 13, 2015 · 2 MIN READ · 16 COMMENTS



Taylor Hill is an associate editor at TakePart covering environment and wildlife.

takepart

# health

SATURDAY, NOV 5, 2016 11:59 AM EDT

## **What lies beneath: As earth warms, diseases within permafrost become a bigger worry**

Scientists are witnessing the theoretical turning into reality: infectious microbes emerging from a deep freeze

SARA GOUDARZI, SCIENTIFIC AMERICAN

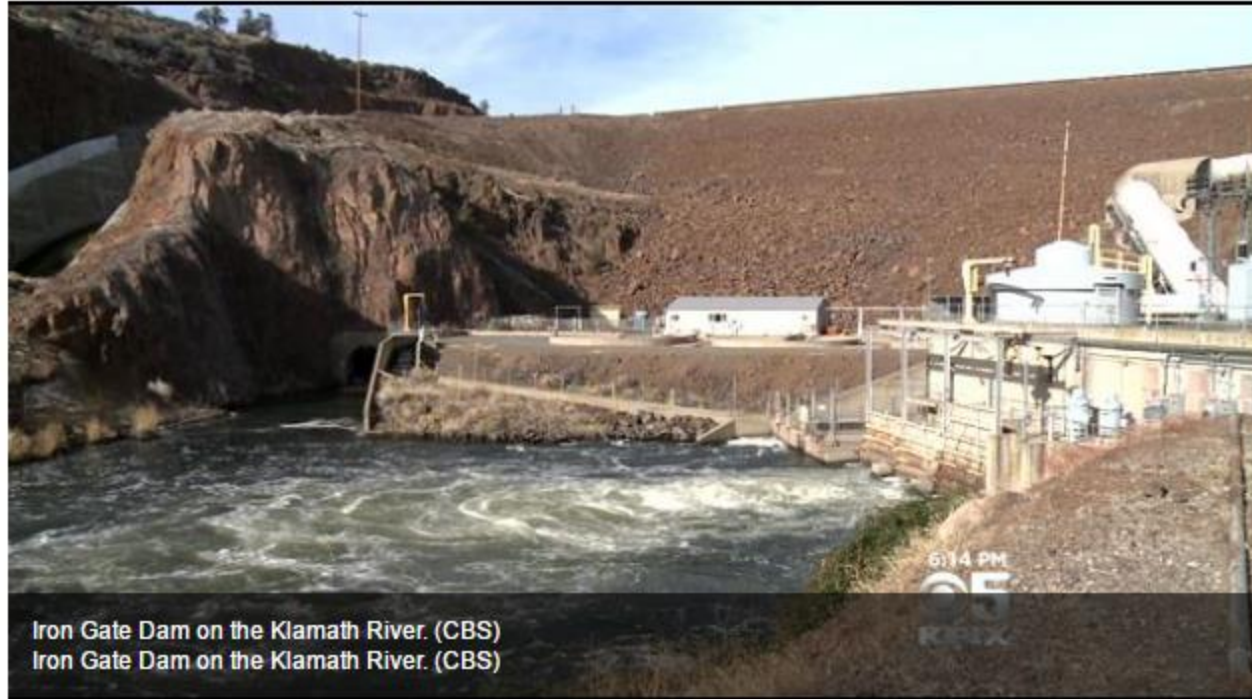


# energy

## Hydroelectric Power Cut In Half During California's Drought, State Using More Natural Gas

October 15, 2014 8:37 PM By Andria Borba

Filed Under: California Drought, Drought, Iron Gate Dam, Klamath River, Water



Iron Gate Dam on the Klamath River. (CBS)  
Iron Gate Dam on the Klamath River. (CBS)

**CBS SF BayArea**



# national security

NEWS

## Key Navy Base at Risk from Rising Seas: Mabus



**Military.com**



Military.com | Oct 24, 2016 | by Hope Hodge Seck

# New Law in North Carolina Bans Latest Scientific Predictions of Sea-Level Rise



By ALON HARISH • Aug. 2, 2012

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## Shaun, you don't want to miss this buyer's market!



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Where *sustainability* aims to put the world back into balance, *resilience* looks for ways to manage in an imbalanced world.

ANDREW ZOLLI





a call to  
action for  
higher  
education!



Tell me and I forget.  
Teach me and I may  
remember.  
Involve me and I learn.

Benjamin Franklin

Kate Bishop-Williams  
MSc, PhD Candidate

Sessional Lecturer:  
Ecological Determinants of  
Health

UNIVERSITY OF  
**WATERLOO**



UNIVERSITY  
*of* GUELPH





# Climate Change and Human Security: The Nepal Mosaic



Dickinson 

Neil Leary, Director  
Center for Sustainability Education



# Environmental Field Studies Abroad

*established 1980*



**Mark E. Seifert PhD, Dean of the School**

*Peru - Panama - Costa Rica - Turks and Caicos Islands – Australia –  
Cambodia/Vietnam – Bhutan - Tanzania – Kenya – Patagonia (Chile)*



# Facilitated Discussions

Shifting faculty from  
sustainability paradigms to  
resilience paradigms



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