

*The SCCS Organizing Committee would like to thank the College of Arts and Sciences, the Departments of Sociology, Anthropology, and Political Science, along with the Environmental and Sustainability Studies Program for their financial contributions in support of this Summit*

*"It's startling to know there are individuals on the brink of adulthood who have spent their entire lives in a climate that, largely due to human activity, is vastly different from the one their parents experienced growing up."*

— Rachel Licker, The New York Times  
(Jan. 18th, 2018).

### **The SCCS Organizing Committee**

Professor Steve Kroll-Smith, Sociology  
Professor Aaron Allen, Director, Environmental  
and Sustainability Studies Program  
Professor Jay Lennartson, Geography  
Professor Art Murphy, Anthropology  
Professor Etsuko Kinefuchi, Communication  
Studies

# A STUDENT CLIMATE CHANGE SUMMIT

The University of North Carolina at Greensboro  
SPRING 2018

**Weatherspoon Art Museum**  
**March 29, 2018**  
**5:30PM - 8:00PM**



## STUDENT POSTER PRESENTERS

### CASSIE ALVARINO

*"Coral Reef Ecosystems: The Canary in the Coal Mine for Climate Change"*

### MEREDITH BAIN

*"Ecofeminism, Campaigning for Renewable Energy at NC State"*

### EMILY BIGGS & TIERRA RODRIGUEZ

*"Climate Change and the Effects on Social Conflict"*

### WILL BOONE

*"To what extent will subsidies, technology, and social factors lead to the transition to renewable energy in housing in the United States?"*

### STEPHANIE GRIFFAW

*"Impacts of Climate Change on Glaciers"*

### EMMA HAMLYN

*"How Food Insecurity BECame an Issue"*

### MATTHEW HEAVNER

*"Forest Fires of the Carolina's"*

### SIDNEY JONES

*"Religion & Climate Change"*

### ELAINA KAUZLARICH

*"Impacts of Climate Change on Permafrost"*

### SAGE MOHAN

*"Weathering the Storm: Climate Change and Mental Health"*

### TAYLOR PRICHARD

*"Hurricane Katrina's Effects on Physical and Mental Health"*

### KATLIN RIDDLE

*"A Final Word"*

### CAMDEN STRATTON

*"Hurricane Impacts on NC's Barrier Islands"*

### ANTIONETTE WEAVER

*"Factory Farming: A Bleak Future"*

### STEVEN WINDSOR

*"The Sixth Mass Extinction: What we've Lost & What's At Stake"*

## ORAL PRESENTATIONS

### MR. BEN BARNARD

*"Climate Change: The New Smoking"*

*Science Teacher, International Baccalaureate Program, Grimsley High School*

### PROFESSOR RYAN EMANUEL

*"Climate Change and Climate Justice in the Land of the Lumbee"*

*Department of Forestry and Environmental Resources and a University Faculty Scholar, NC State*

### PROFESSOR JEFF PATTON

*"Glaciers as Climate Proxies: What We Know and How We Know It"*

*Department of Geography, UNCG*

### JOSEPH TAYLOR

*"Making a Sustainable Campus a Climate Reality"*

*Majoring in Environmental Science: Concentration in Plant Biology, NC State*

## KEYNOTE ADDRESS

### PROFESSOR ANTHONY OLIVER-SMITH

*"Between Rocks and Hard Places: Climate Change Displacement and the Challenges of Resettlement for the Kuna of Panama"*

*Department of Anthropology, University of Florida*

## CLIMATE CHANGE SCULPTURE

### GREENSBORO MONTESSORI SCHOOL

#### 4TH YEARS

*Shira Emanuel, Griffin Gile, Willa Jones, Kyla Kelly, Joi Norman, Marine Pare, Kelsey Richardson, Albert Smelzer, Anna van Lier*

#### 5TH YEARS

*Leila Brevda, Bill Clark, Mahinda Desai, Kaleb Gatlin, Juilan Gonzalez, Yuki Hatakeyama, Andrew Jacobs, Stella Pruette, Yamur Samli, Jake Scheib, Mohamed Sinada, Whitley Yntema*

#### 6TH YEARS

*Natalie Allen, Nina Bouska, Ava Cabbell, Raven Enoch, Maggie Hiebert, Nina Khalouf, Andrew Mattern, Jordan Molinari-Suggs, Lucien Pare, Zoey Richardson, Adam Rychter, Ethan Schama, Kai Sowinski, Chloe Swanson, Nate Taylor, Marley Wall, Iiden White*

#### FACULTY GUIDES

*Katherine Gwynn, Visual Arts Educator  
Eliza Hudson, Lead Environmental Educator*

Greensboro Montessori School's Upper Elementary (4th-6th grade) is proud to contribute a class art piece at the UNCG Student Climate Change Summit. Our piece is composed of three mixed-media honey bees and three aster flowers, reflecting an aesthetic connection to the vicissitudes of climate. Every student contributed to making both bees and flowers, constructed using Papier-mâché, tile mosaic, plywood, and reconsidered materials over the course of the school year. Student concerns for the health of pollinators, future of pollinator-dependent agriculture, and synergistic ecological functioning inspired the project design. They have observed differences in annual fruit yields since introducing honeybees to their 1-acre Permaculture gardens. Each of the bee and flower pairings physically illustrates differing states of phenological matching, that is, seasons where flower blooms and insect activity may or may not align. Phenological mismatching is a serious consideration for the future of agriculture. Expressed in the Papier-mâché words along the base of the flowers is our students' concerns for the risks to ecological health in the Piedmont as human-caused changes to the climate continue.