

# YOUTH CLIMATE INSTITUTE

**Frederick County Chapter**  
**January 17, 2024 @ Tuscarora HS**  
**Session 2- 9:45-10:25**



A program of  
 Howard  
County  
Conservancy  
*connecting people to nature*

# About YCI: [youthclimateleader.org](https://youthclimateleader.org)



- High School Climate Action Certification Program
  - Certified Ambassador
  - Certified Ambassador with Honors
- Focus on climate knowledge, communication, leadership, and climate action.



# YCI Framework



## Ambassador

### Year 1

Focus on understanding  
Climate Science &  
Communication  
Participate in Action Teams

## Certified Ambassador Alumni Network

Access to resources  
Networking opportunities  
Alumni Conferences  
\*For students only

## Certified Ambassador

### Completion of Year 1

Receive:

- Pin/Digital Badge
- Access to Alumni  
Network



## Certified Ambassadors with Honors\*

### Year 2 \*optional\*

Complete Capstone Project  
Lead discussions for Ambassadors  
Receive:

- Compostable Cord
- Pin/Digital Badge



# New Chapters 2023-2024



## Howard County:

- **HC Conservancy**
- **Howard**
- **Oakland Mills**
- **Reservoir**
- Centennial
- Glenelg Country
- Guilford Park
- Hammond
- Long Reach
- Marriotts Ridge
- River Hill

## Maryland:

### Allegany County

- Allegany HS

### Frederick County

- Urbana HS

### Prince George's County

- Bowie
- Fairmont Heights
- Eleanor Roosevelt
- Online Campus
- Frederick Douglass
- Laurel

## Maryland:

### Baltimore City

- ACCE
- Baltimore City College HS
- Baltimore Polytechnic Institute
- Baltimore School for the Arts
- Renaissance Academy

### Montgomery County

- Montgomery Virtual Academy

## National:

### Alabama

- Selma HS

# Perks for Teachers

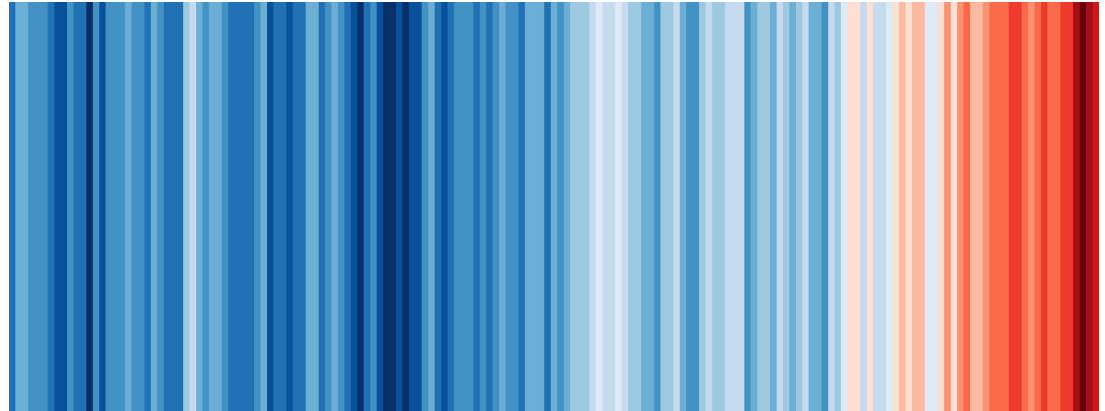
- Supporting Mother Earth and the next generation of leaders
- Access to online resources
- Library of recorded expert talks
- Seminar Packages
- Guidelines of action projects
- Professional development
- Collaboration opportunities
- YCI Staff Support
- Stipend\*





# Does your county have a Climate Action Plan?

YCI can be a part of a systemic initiative to engage students in climate action.





# Starting a Chapter: Tips for Success

- Co-Leading is AWESOME
- Connect with local nature center or local government office for support
- Keep it simple
  - After school meeting times
  - Use virtual resources
  - Seek parental support
  - Student Aide to help track logistics





# Recommended Structure

## Set Up Fall Conference Schedule

- Check out YCI Teacher Resources ( [youthclimateleader.org](http://youthclimateleader.org) )
- Ask local nature agency for support
- 30 to 45 min presentation w/ student discussion
- Decide upon reflection “assignment”
- Meeting 2x/month in the fall

## Set Up Spring Action Team Schedule

- Choose a climate “action”
- Find a mentor to assist with student projects
- Meet 2x/month in the spring
- Find a way to celebrate student work

# YCI Urbana SEMINARS Fall 2023- PART 1

## Seminars We Completed:

### PRE-ORGANIZED

1. **Let's Talk About Climate Change-  
Dr. Sara Via (NASA)**
2. **How to Curb Climate Change-  
Dr. Sara Via (NASA)**
3. **How to Take Action and Motivate  
Others- Dr. Sara Via (NASA)**

## MENTOR SELECTED

4. **Climate Change- What do you know  
about Feedback Loops? Mrs. McCook**
5. **Climate Change and Energy-  
Guest Speaker- Mark Sankey**
6. **Climate Change and Aquatic  
Ecosystems- Mrs. McCook**
7. **Climate Change and Advocacy-  
Mrs. McCook**

# YCI Urbana SPRING 2024- Part 2

## Action Plan Project:

1. **Swap and Shop:** (Fast Fashion Consumerism, Resource Reduction)
2. **Cafeteria Composting Improvements:** (Reducing methane emissions, producing soil amendments)

## Service Ideas:

**Tree Planting**

**Campus Clean Ups**

**Tabling**

**Advocacy for a Cause**

# Environmental Summit @ Bar-T Nov 19



# Youth Ambassadorship Recognition

End of School Year Recognition:  
April 15

Student Presentations / Project Culmination  
Wrap Up

Recognition for completion of: *Climate  
Ambassadorship Program*

*Awards: PINS and DIGITAL BADGES*



# YCI URBANA Schoology Page

Join Code: W22C-84BV-Q752Z

[Final Seminar #7 Presentation](#) (just for ideas)

***GREEN SCHOOL APPLICATION PORTAL***

**Sample:**

**JAMBOARD-**

**What do you  
know?**

[LINK](#)



# YCI Membership 2023-24 (18 students)

|                  |                      |                   |                      |               |
|------------------|----------------------|-------------------|----------------------|---------------|
| Adrienne Sellers | Eileen Kim           | Karan Trasi       | Mridula Vasudevan    | Gayatri Karra |
| Aleesha Khawaja  | Haley Choi           | Kaya Trasi        | Nishka Ponnappureddy | Mandy Zhang   |
| Alessia Cuba     | Jacob Kaufman        | Lila Grace        | Sarah Bilow          |               |
| Easton Curtis    | Jamal Victor El Byad | Mahesa Loganathan | Zack Epley           |               |

# YCI @UHS

T-Shirt

Free with

YCI MEMBERSHIP (\$25)

Coming Soon!

(Created by Jason Hoffman and  
FCPS CTC Students)





# YOUTH CLIMATE INSTITUTE

Building Leaders in Climate Action:  
An extracurricular/certification program for students interested in  
environmental science and fighting climate change

## Join us for a Virtual Meeting:

- January 24th AT 6 PM
- February 22nd AT 6 PM
- March 21st AT 6 PM
- April 25th AT 6 PM
- May 23rd AT 6 PM

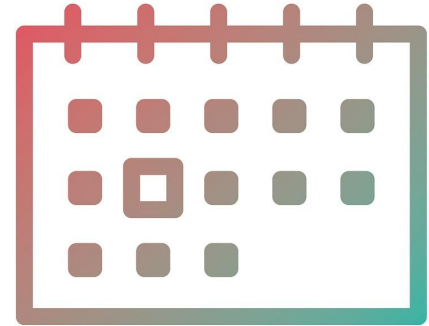


Register to Receive Zoom Link



Gift cards will be raffled at each meeting!

A program of



# Connect with Us



Do you have any questions?



[YouthClimateLeader.org](https://YouthClimateLeader.org)



[@YClimateLeader](https://twitter.com/YClimateLeader)



[@YClimateLeader](https://www.instagram.com/YClimateLeader)

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