



# City of Water

Urban Waters Webinar  
November 10, 2020  
Center for Aquatic Sciences



# Agenda

- Center for Aquatic Sciences
- CAUSE
- RiverQuest
  - Community
  - Youth



## What We Do

- Environmental and Watershed Education
- Youth and Community Development
- Conservation and Stewardship

## What We Stand For

- Life-long learning as a means to help young people and communities improve, learn, develop and succeed
- Preservation and protection of aquatic life and marine environment through education
- Every person's right to have access to quality aquatic science education
- Ecological responsibility, environmental awareness, and connection to nature





# CAUSE

Community And Urban Science Enrichment





# CAUSE

- Explorers
- Interns
  - TrailBlazers
- CAUSE Camp

Exploring STEM Careers  
Supporting STEM Education  
Encouraging Connection to Nature  
Promoting Youth Leadership





27 Years and counting...



# C.A.U.S.E.

300+ 

Participants

3000+

300 High Schoolers and 3000+ in k-12

100% 

H.S. Graduation

10 high schools

Every student graduates

99% 

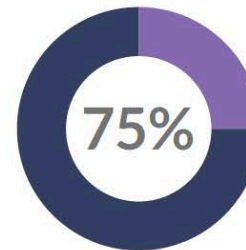
Matriculation

into Higher Ed.

The remainder go into the service or workforce

## Youth Impact of the Program on Goals and Perceptions

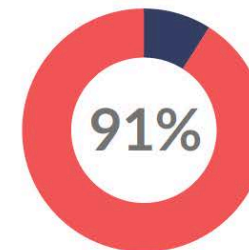
Academic Pursuits



Science and Education

The program Alumni are chemists, computer engineers, physicians, ocean engineers, marine biologists, forensic scientists and teachers.

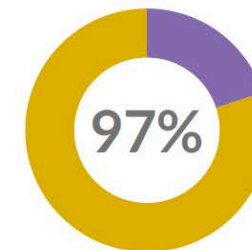
Communications



Confidence and Leadership

Overwhelmingly, students tell us that the program built their skill and confidence to speak to diverse audiences of all sizes.

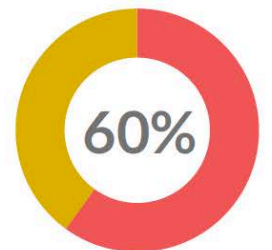
Without Borders



Travel

The opportunity to travel the country to learn in the field opened their eyes and broadened their dreams beyond the city limits.

Impact



Mentoring

Serving as a role model to younger students instilled a sense of responsibility and purpose for their work as community educators and leaders.

# Youth in Action

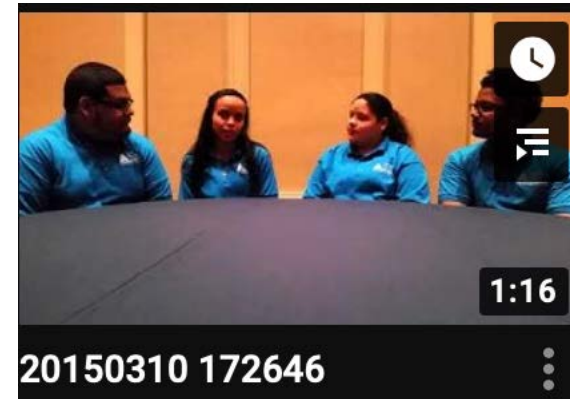
## Student Summit

- <https://www.youtube.com/watch?v=LqTK58xmlkw>



## Capital Hill

- <https://www.youtube.com/watch?v=YmVswQV4EK8>



# Youth in Action

## World Oceans Week

- <https://www.youtube.com/watch?v=WsONHtvbG1E>

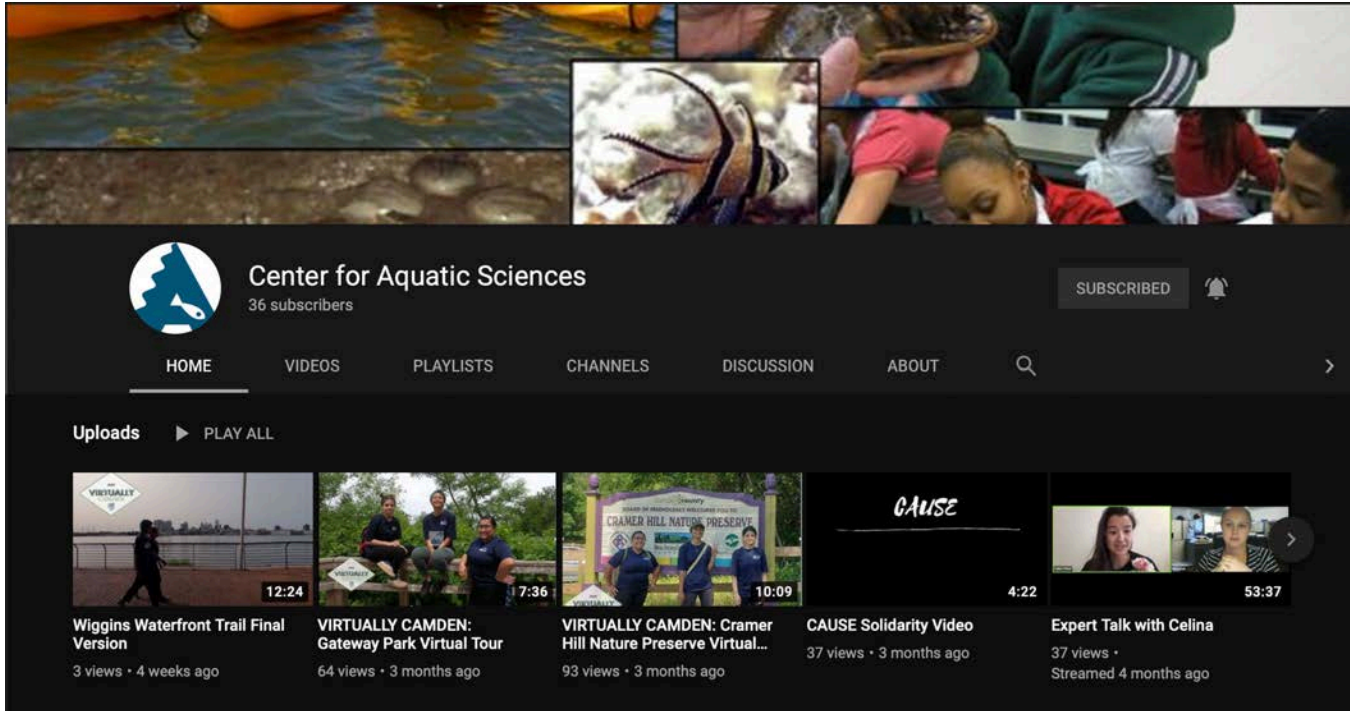


## CAUSE Solidarity Video

- <https://www.youtube.com/watch?v=UugbozZTg4Y>







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# Lessons Learned

## Through the years

- Asset-based
- Learning is a two-way street
- Goals and Expectations

## In the time of COVID

- Zoom Fatigue
- Creativity
- Resources





# RiverQuest

Trail Experiences



# RiverQuest

- TrailBlazers





# Community Kayaking





# Discover the Delaware Youth Engagement Program

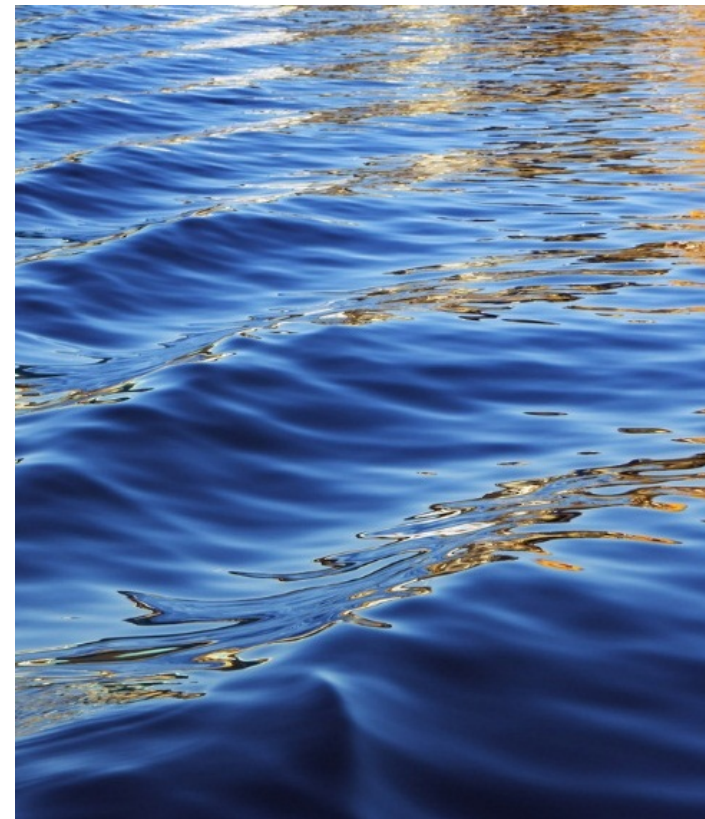
Grades 6 & 8  
Camden & Philadelphia  
500 Students







Q & A





Thank You!

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