

Bristol Community College

Drinking Water Technology and
Clean Water Technology
Training Programs

BRISTOL

COMMUNITY COLLEGE



2016

\$602,000



Award #
1601840

New England Water Treatment Training

Major Goal

To produce training programs, and develop educational pathways to prepare qualified operators for the Drinking Water Treatment and Wastewater Treatment Industries.

Educational Programs

- Individual Courses can be taken
- Drinking Water Quality Professional/Technician Certificate 1 Year 26 Credits

Courses are MA Board Approved for taking Certification Examinations

- Clean Water Quality Professional/Technician Certificate 1 Year 26 Credits
- AS Degree Engineering Technology/
Environmental Technology Option 2-3 Years
63 Credits



Bristol Community College
Blue Center for Water Technologies

sites.google.com/view/bccbluecenter

TRAINING FACILITY CAPABILITIES

General Water Science
Surface water and groundwater sampling
Solids testing
Dissolved Oxygen
BOD testing
Turbidity testing
pH, conductivity, and ion testing
Jar Testing
Chlorine Residual Analysis
Microscopic Analysis
Coliform Testing, including IDEXX
Groundwater simulators
Flow Meter Training
Pump operation and maintenance training
Process control training
Wastewater Plant operation simulation software
Valve training
Safety training

A MODEL HANDS-ON DRINKING WATER AND WASTEWATER OPERATOR TRAINING FACILITY

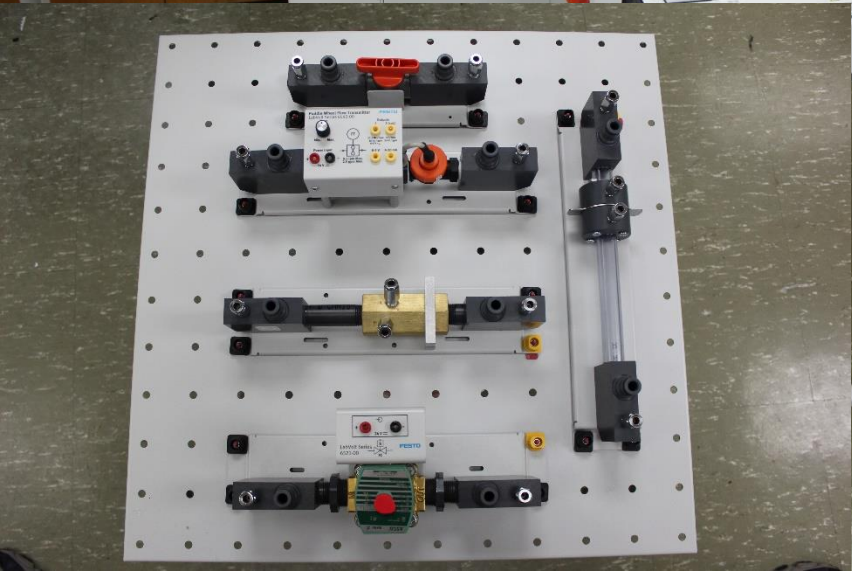
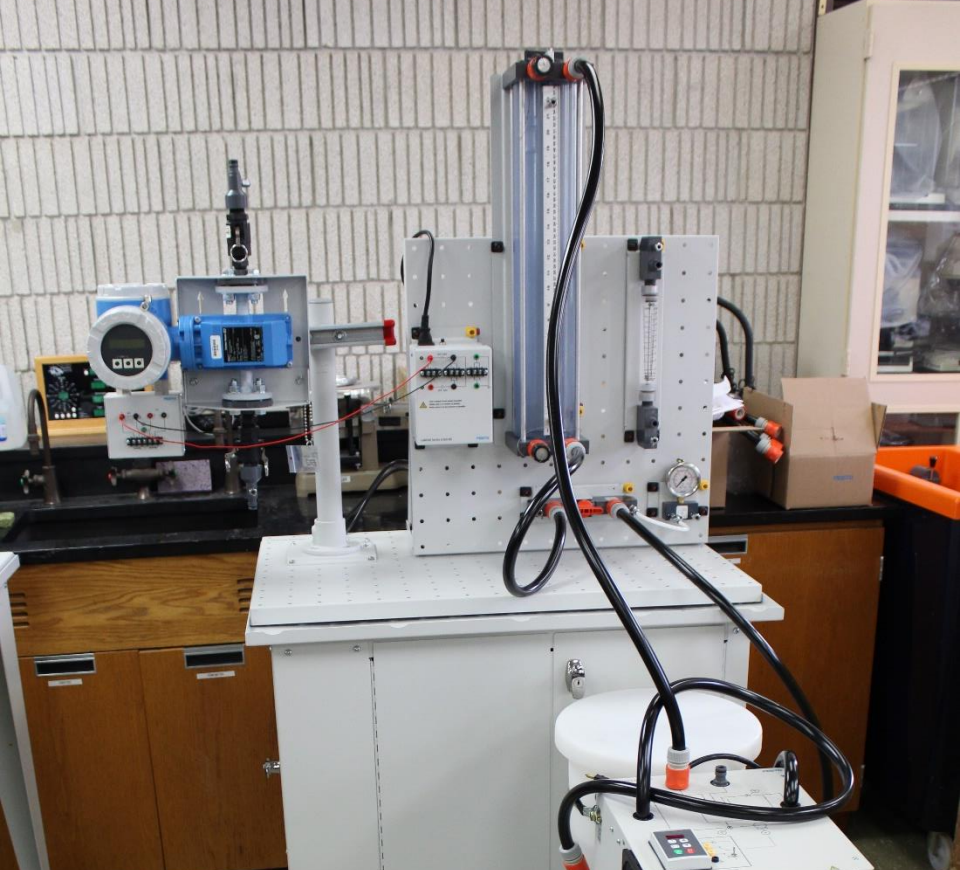




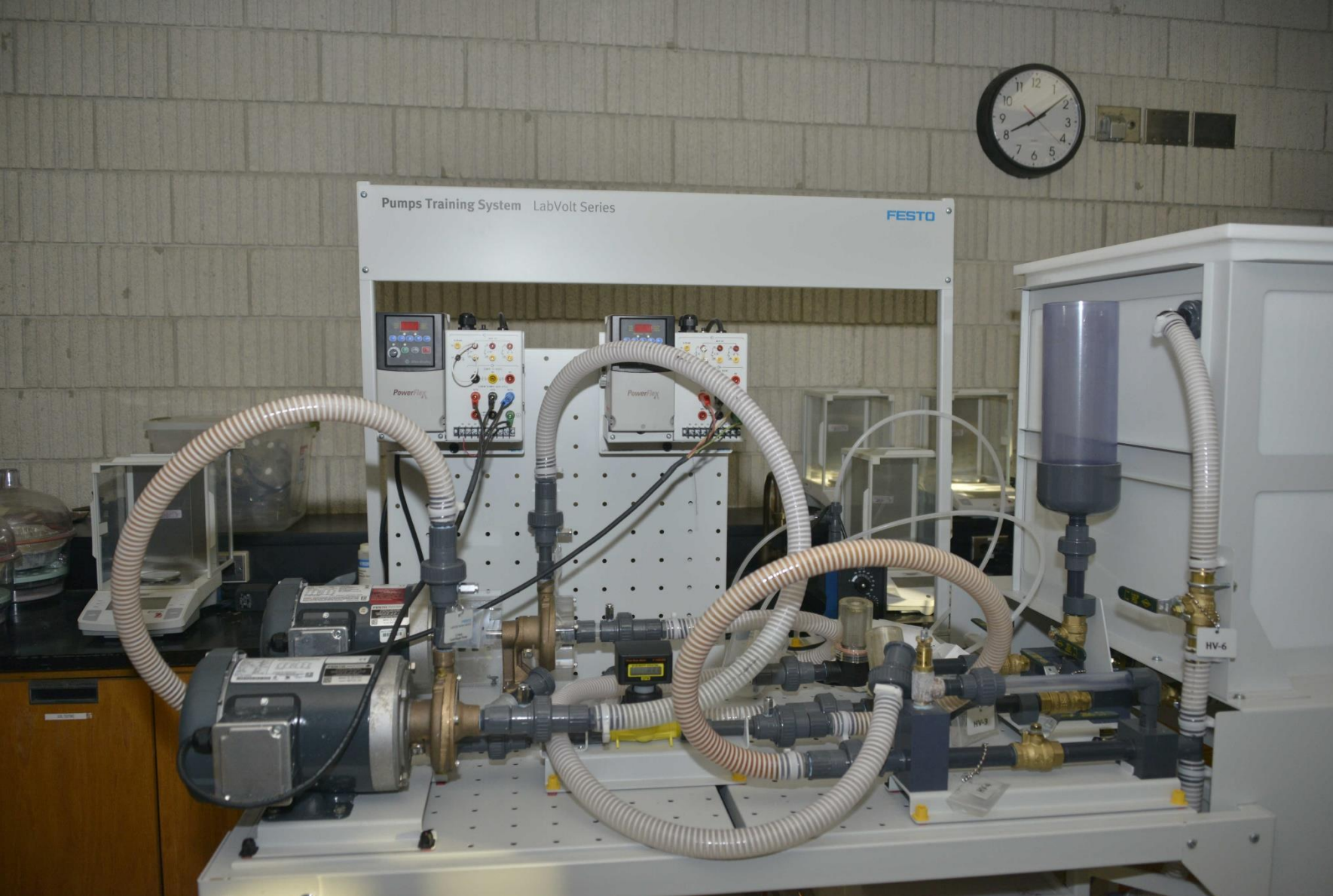
Fully functional Conventional Drinking Water Treatment Plant



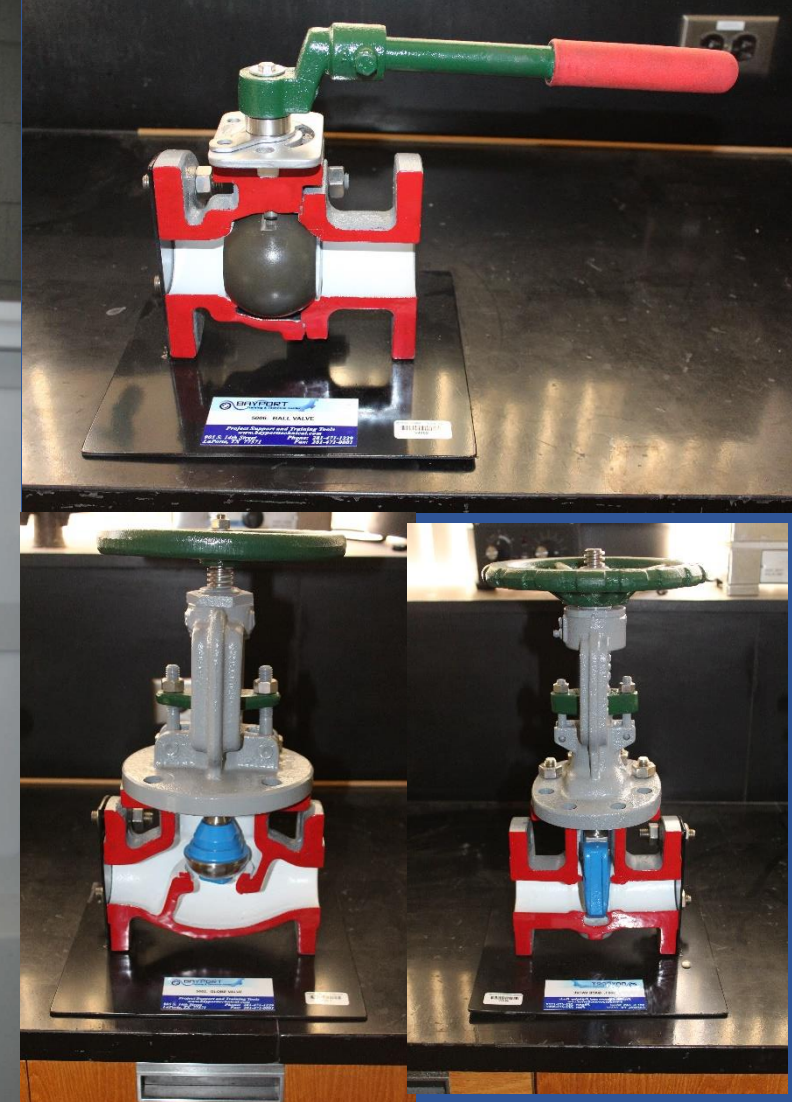
Aquaculture System with a Secondary
Wastewater Treatment Plant



Flow Meter Training



Pump Training Area

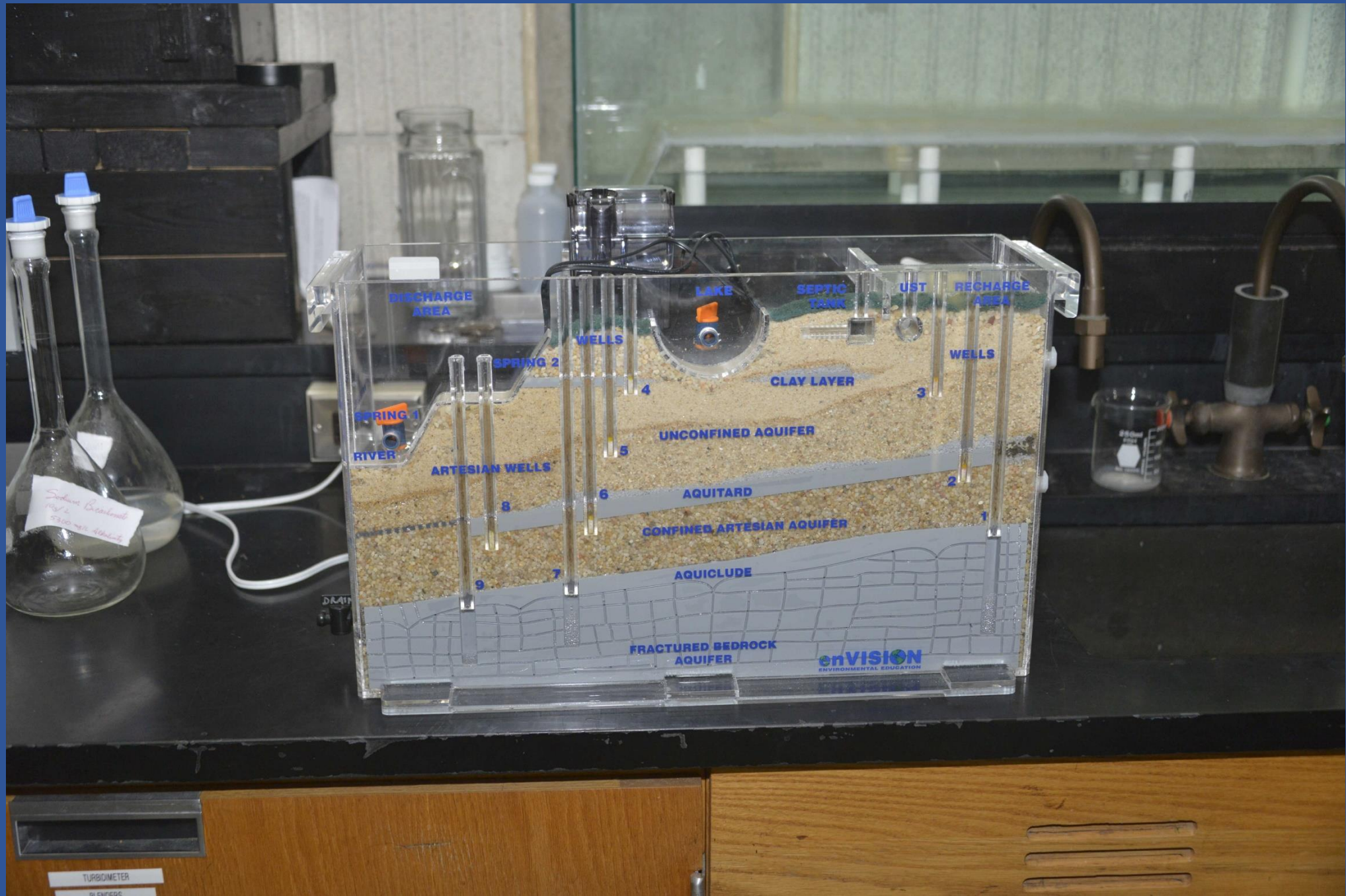


Valve
Training



Water Quality Testing
Equipment

Lending Lab







Field Trips



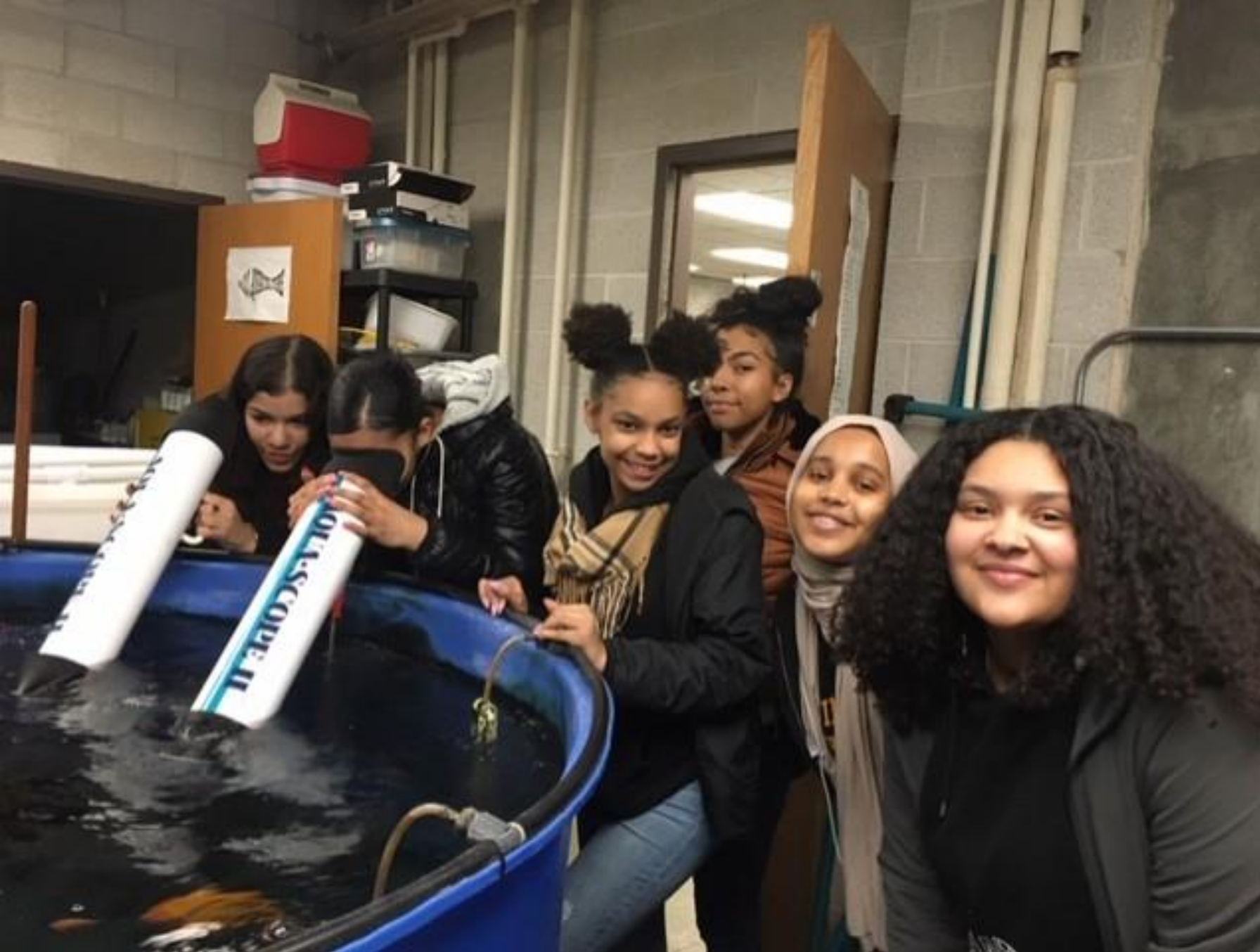








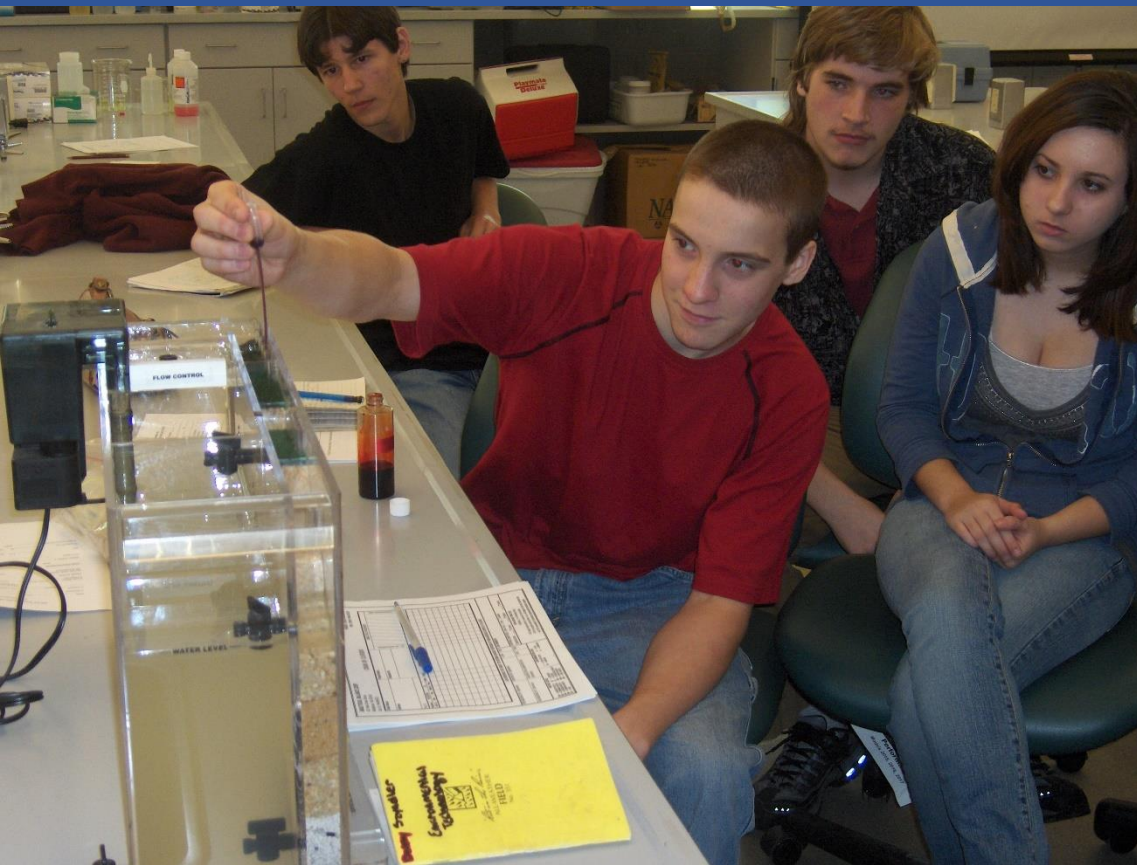
Internships and Jobs



Chica Project
of Boston
Visits the
Blue Center



Students
from Upper
Cape Tech
visit the
Blue Center



Streaked Tang
Acanthurus lineatus



The Streaked Tang is a highly intelligent and curious species. It is known for its ability to learn tricks and solve problems. The Streaked Tang is a herbivorous fish that feeds on algae and other plant material. They are commonly found in the Indo-Pacific region.

Donated by: Jerry Lefgren

Clownfish
Amphiprion



The Clownfish is a small, stocky fish that is known for its ability to live in symbiosis with sea anemones. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Richard & Linda King

Copperband Parrotfish
Sparisoma viride



The Copperband Parrotfish is a large, powerful fish that is known for its ability to change its color. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Dr. Jerry Lefgren

Blue Tang
Acanthurus coeruleus



The Blue Tang is a large, powerful fish that is known for its ability to change its color. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Dr. Jerry Lefgren

Yellow Tang
Acanthurus lineatus



The Yellow Tang is a large, powerful fish that is known for its ability to change its color. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Dr. Jerry Lefgren


Orange Tang
Acanthurus lineatus



The Orange Tang is a large, powerful fish that is known for its ability to change its color. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Dr. Jerry Lefgren

Green Carpet Anemone
Stylocordylus



The Green Carpet Anemone is a large, powerful fish that is known for its ability to change its color. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Dr. Jerry Lefgren

One-Spot Parrotfish
Sparisoma viride



The One-Spot Parrotfish is a large, powerful fish that is known for its ability to change its color. They are found in the Indo-Pacific region and are known for their bright colors and unique behavior. They are commonly found in the Indo-Pacific region.

Donated by: Dr. Jerry Lefgren



Thank You.

Questions?

Robert S. Rak

Professor and Coordinator of Environmental
Science and Technology

Bristol Community College

777 Elsbree Street

Fall River, MA 02720

Robert.Rak@bristolcc.edu

508-678-2811 x2771