

SUSTAINABILITY EFFORTS BEYOND THE CLASSROOM

SESSION 1: CAMPUS COMMUNITY RESOURCES AND FACILITIES AS TEACHING TOOLS

**BRISTOL COMMUNITY COLLEGE
LENDING LAB FOR SUSTAINABILITY**

2000 Environmental Technology Laboratory in the L Building

This provided a rare opportunity to purchase new equipment to stock the lab



BCC Lending Lab

- In 2004, while working on an NSF STEM Grant Proposal, The SMART (Southeastern Massachusetts Articulation and Retention in Technology) Program we proposed a lending lab where high schools could borrow equipment that we had that they couldn't afford themselves. The proposal was not funded but the Lending Lab was considered a strong point of the proposal
- In 2005 we submitted an NSF ATE Proposal, The SMART (Southeastern Massachusetts Articulation and Retention in Technology) Program with some modifications and the Lending Lab concept. Again, it wasn't funded but the Lending Lab idea still was a strong point.

BCC Lending Lab

- In 2006 we again submitted the modified NSF ATE Proposal, The SMART (Southeastern Massachusetts Achievement and Retention in Technology) Program. This time we were funded for just under \$900,000 and the BCC Lending Lab became a reality.
- High School teachers have used the equipment for classes, science fair research projects and Envirothon competitions.

BCC Lending Lab

- We have offered sessions on use of selected equipment to acquaint teachers with the program and let them see some of the equipment in action.
- Over the years it has evolved to where today the information is now on-line with information about the equipment and directions for their use along with the necessary forms for borrowing.
- It is now a part of our new \$900,000 NSF Funded SAGE (Sustainability And Green Energy) Across the Curriculum Program
- The Lending Lab Website
- [Http://sites.google.com/site/sagebcc](http://sites.google.com/site/sagebcc)