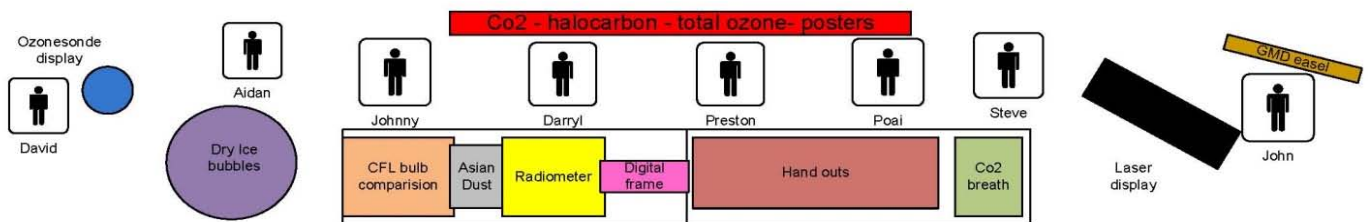


Earth Day Fair 2010

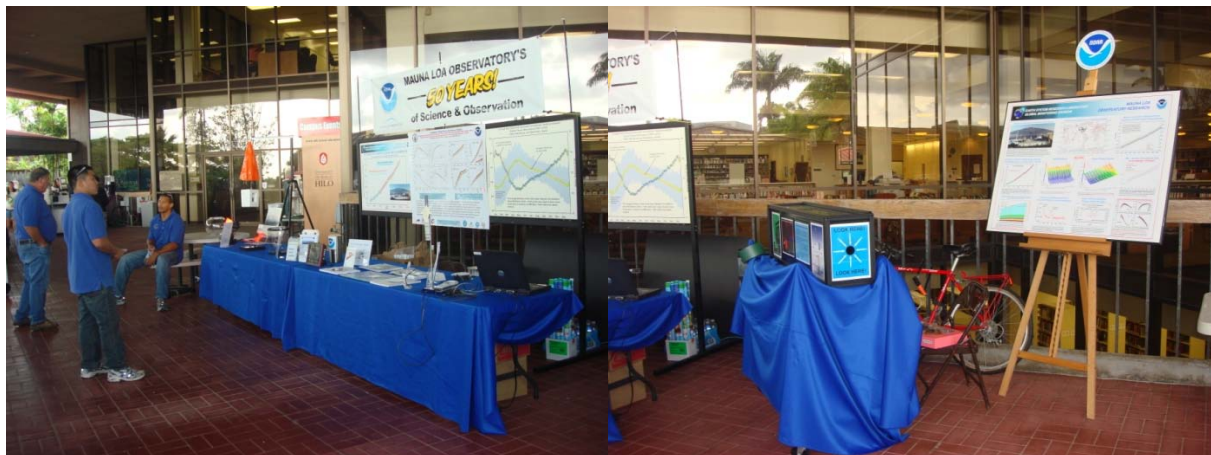
April 16, 2010



Layout



Paul and Nash assisted in setup and take down before and after going to the observatory.



The Displays

Ozonesonde Display



David Explaining how the ozonesonde works



Dry Ice Bubbles



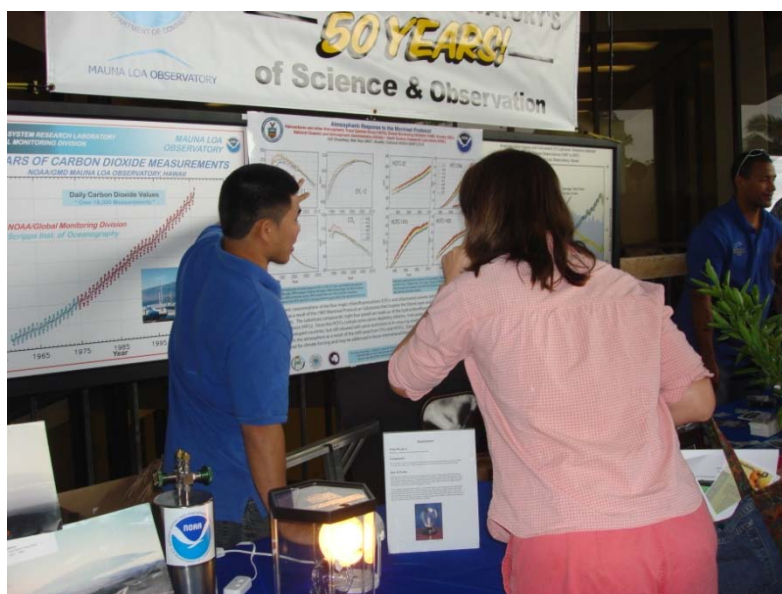
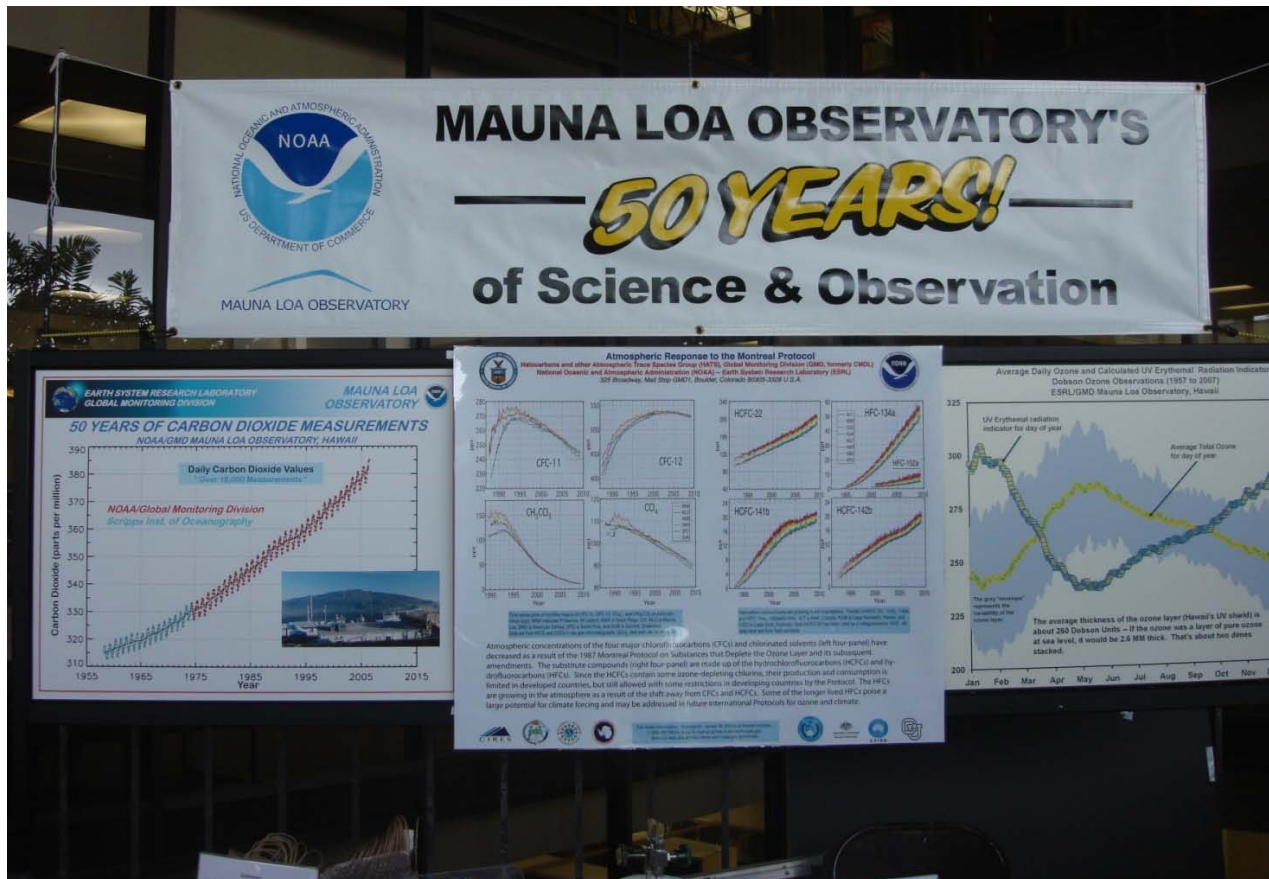
Aidan demonstrating bubbles made from dry ice.







Poster frame



Preston explaining the Halocarbon poster.



Table 1



CFL -Incandescent Bulb Comparison



Display shows amount of power a CFL and regular incandescent bulb uses.



Asian Dust Display



John Chin explaining asian dust.



Radiometer

This display shows light being converted to kinetic energy.



Darryl explaining how the radiometer works.



Digital Picture Frame



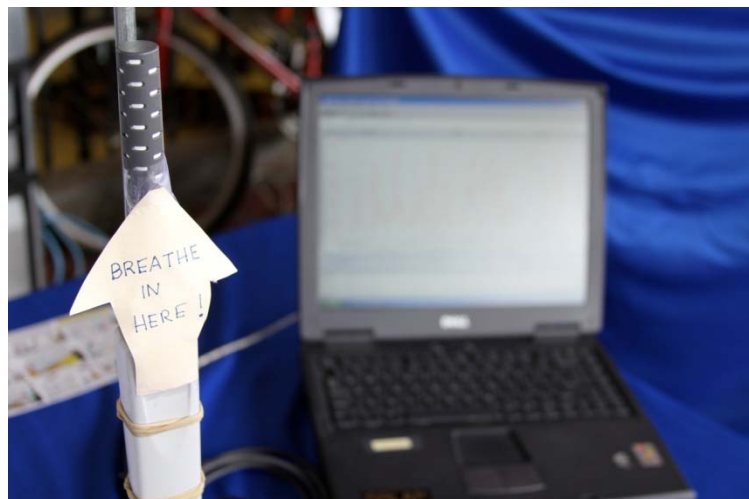
Table 2 Handouts/CO₂ analyzer.



Co2 breath and Co2 chart



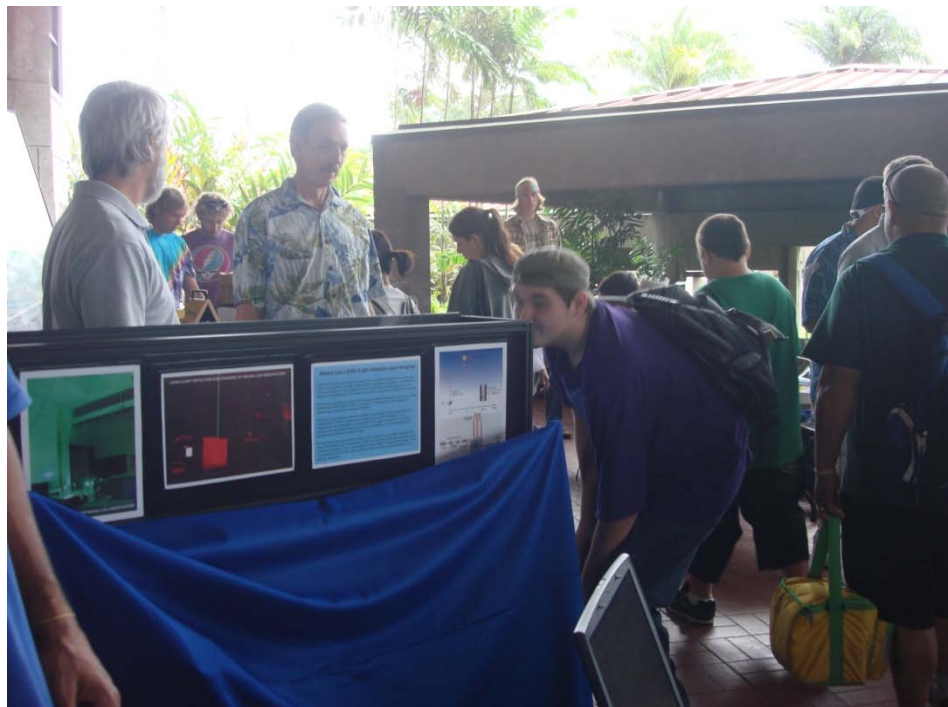
Steve explaining Co2 that you exhale.



Laser display

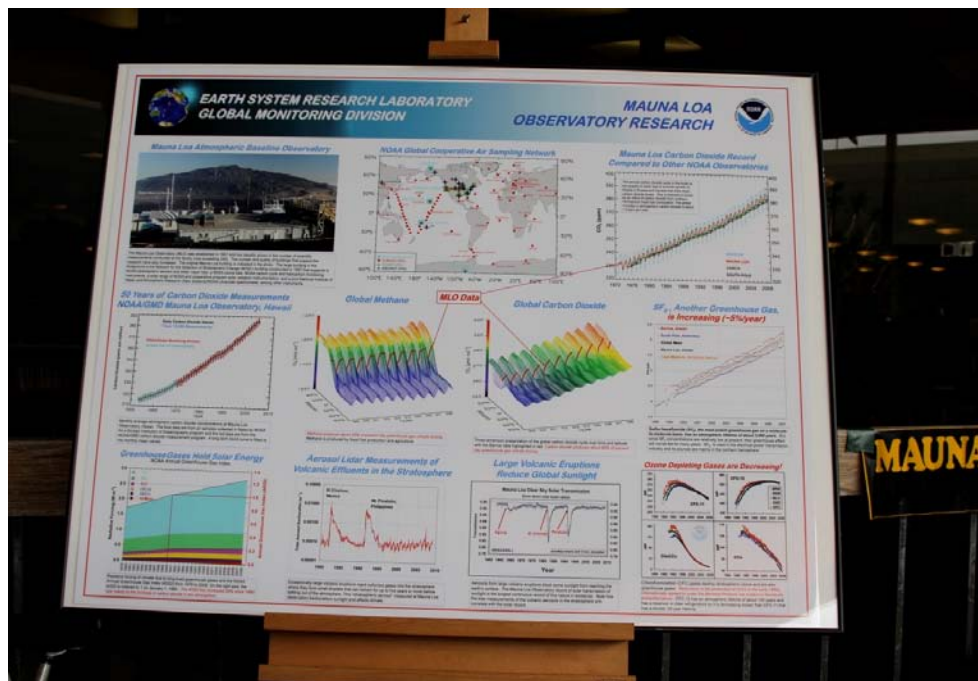


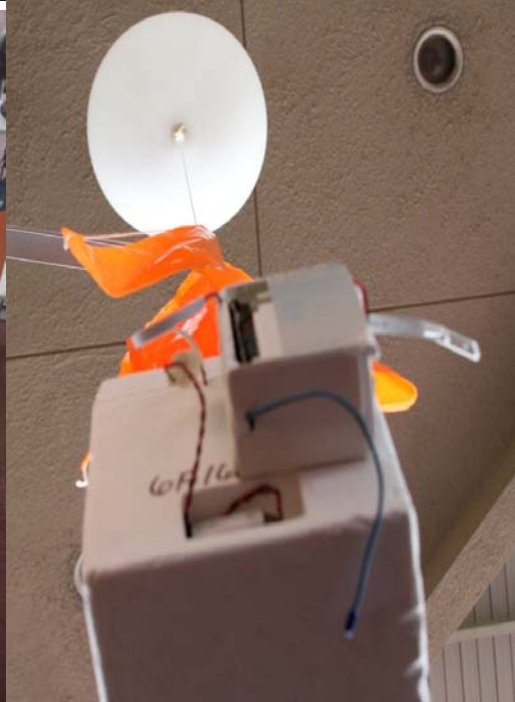
John explaining how we measure particles with lasers.





GMD EASEL







Poi interacting with the students.



We made front page 2 years in a row!

Tribune Herald - April 17, 2010

EARTH FAIR FUN



Photos by WILLIAM ING/Tribune-Herald

Mauna Loa Observatory physical scientist Aidan Colton, right, watches as a gang of eager keiki reach in to help "pop" a seething mound of bubbles and vapor flowing from a fishbowl holding a blend of boiled water, dry ice and dishwashing detergent. The quickie science lesson was part of Friday activities for Hawaii Community College's Earth Fair 2010 on the University of Hawaii at Hilo campus. Dedicated to conservation and compassion, the annual event is one of HCC's major community outreach efforts. Featured were more than 45 exhibits, activities for the whole family, and musical and dance entertainment throughout the day.