



Applied Research Center Student Newsletter

HOLIDAY DECORATIONS!

In the beginning of December, our lab staff accepted a serious mission from Jlab--to decorate the CEBAF center in the spirit of the holidays.



Amy Wilkerson, Richard Proper, Natalie Percy, and Joan Thomas (clockwise) each added their artistic touch. With team work, and a lots of holiday cheer, they decorated a beautiful tree. Happy Holidays!

ToF-SIMS Maintenance



Ultra-High Vacuum (UHV) systems, like the ToF-SIMS, require precision maintenance.

Earlier this month, Richard Proper exchanged a turbo pump on the analyzer chamber.

MARINERS' MUSEUM STAFF COMES TO THE ARC

A group of six conservationists visited from the Mariners' Museum: Frederick Wallace, Tina Gutshall, David Krop, Marcie Renner, Pedro Gonsalves, and Susanne Grieve.



Responsible for the conservation of recovered parts of the historic USS Monitor, these scientists explored the many characterization techniques available at the ARC.



The monitor lay undiscovered on the ocean floor from the civil war until March of 1974. Conservationists can use characterization of retrieved samples to better understand the processes that have occurred, and how best to safeguard the legacy of this historic landmark for future generations of Americans.



Back in the Lab



Marija Raskovic, a graduate student at ODU, revisited the lab to use our HIROX digital microscope to take valuable measurements for her research. The HIROX provides clear, high-resolution digital pictures with magnifications ranging from 10 x to 7000 x.

Editors / photographers: Amy Wilkerson, Olga Trofimova, Michael Bagge-Hansen