

2012 Schedule of Events

NOAA Kid's Day: Ages 13 year old and Up

Students will be escorted from the auditorium directly to the workshop. Workshop sessions will be held in SSMC 1 and 2. Volunteers will accompany them at all times.

Teens are NOT to return, on their own, to their parents' office – they must be escorted back to the auditorium picked up by their parents for their own security!

RED TRACK

NESDIS - What's up with Satellites?

Nina Jackson and Marc Pulliam 75 mins SSMC I Room 8333

The workshop will consist of a brief informational discussion on Satellites and then some hands on activities. Students will build a globe and do math and science quizzes.

NMFS - Fish Passage: How NOAA Helps Removes Barriers for Migrating Fish

Robin Peuser and Tony Sarikulaya 75 mins SSMC3 Rm 12836

Some fish live in fresh and salt water at different times in their life cycle. Anadromous fish like salmon, hatch in freshwater, migrate downriver to saltwater to live most of their life, then migrate back upriver to spawn. Catadromous species like American eel do the opposite—they spawn in saltwater and spend most of their lives in freshwater. These migratory fish depend on being able to swim up and down streams to reach their preferred habitat. Unfortunately, we have blocked many rivers with dams in order to produce electricity or create water reservoirs. Come to this workshop to learn how about NOAA's work to remove barriers for migratory fish. Activities include a fish ladder model, a short demolition video of a dam removal, a hands-on experiment to make a hydrometer, and a fun fish-friendly game of family feud.

BLUE TRACK

NWS - Tornadoes And Hail And Lightning Oh My!"

Bryan Jackson 55 mins SSMC2 Room 10246

Severe weather affects us all. Hail, high winds, hurricanes, flooding and even tornadoes. Come learn how these phenomenons develop and how to prepare for their arrival safely.

NWS – Weather

Larry Boesch, Ph.D. 100 mins SSMC2 Room 14316

How would you like to see a working weather center with some presentations explaining what is happening or see a demonstration of a home weather station, by Katie Garrett, President of the American Meteorological Society District of Columbia Division? We will also demonstrate the use of a barometer and other weather equipment used by the National Weather Service weather offices.

GREEN TRACK

OAR - 21st-Century Message in a Bottle!

Diane Stanitski, Ph.D., and Madelyn Appelbaum 55 mins SSMC2 Room12246

Join NOAA's Adopt a Drifter workshop and you will be captivated by the ocean buoys that students send into the deep sea, often in partnership with students in other countries. You will learn how important these buoys are to understanding climate, tracking approaching hurricanes, monitoring ocean pollution, and targeting where marine debris is likely to show up. Learn how drifters were deployed by students at six sites on Earth Day, and how you can track online these drifters and many others across the global ocean.

NOS – Ocean Acidification

Jenn Bennett and Erin Sams

55 mins

SSMC 2 Room 15246

Hmmm...ocean acidification...is the ocean really going to turn into a sea of acid? Come learn how ocean acidification, water turning yellow, dry ice, and chalk could possibly be related. You will have the opportunity to see how ocean acidification happens first hand – in a matter of seconds! You will also see how our everyday actions may be pressing the fast forward button on this process. On a different note, have you thought about a career as a scientist, fisherperson, or park ranger? You will get to put on these respective hats and see how these people work together when it comes to the creatures that live within the ocean. Come learn how this change in our ocean is affecting these people every day; and how it affects what you may enjoy as a seafood dinner.

NOS – The Marine Debris Program

Anna Manyak and Dianna Parker

55 mins

SSMC2 Room 16246

The Marine Debris Program is excited to participate in this year's NOAA Kids Day! The Marine Debris Program supports national and international efforts to research, prevent, and reduce the impacts of marine debris, and our Kids Day activities will highlight both how we accomplish these tasks and why we do what we do. We'll start the hour with a game of Jeopardy, where participants can learn more about marine debris in general and the activities of our office. Participants will also get to play marine biologist through a surprise hands-on activity that sheds light on the interactions of marine debris with wildlife. There will be free giveaways for all participants and prizes for the Jeopardy champions!