

## A Focus on NH Aviation

A Focus on New Hampshire Aviation photography program was inspired by the stories that make up NH's interesting aviation history and its bright aeronautical future. The goal of the program is to tell a story about NH aviation based on the topic selected for the year. The photographs selected will be displayed in such a way as to depict the richness of NH aeronautics. The participants in the program include: NH Institute of Art, the NH Aviation Historical Society and Museum, and the Granite State Airport Managers Association.

## National Summer Transportation Institute

These programs are designed to introduce girls and boys to the world of engineering and technology. The camps engage young people in grades 6 thru 10 in problem solving, hands-on activities as they interact with all areas of science, technology, engineering and mathematics (STEM). Previous camp activities have focused on Alternative Energy, Robotics, Aerospace, and Biomedical Engineering. During the NH Summer Transportation Institute, students will participate in various transportation related activities which will demonstrate how rewarding it can be to work in the transportation industry.



**For more information about our various outreach programs, or to schedule a program with your school please contact:**

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***Student Outreach  
Information  
Pamphlet***

## **Strategic Highway Safety Plan**

The SHSP is a statewide-coordinated safety plan that provides a comprehensive framework for reducing highway fatalities and severe injuries on all public roads. One of the nine critical emphasis areas of the SHSP is adolescent drivers. This project will address outreach and education of teen drivers and their parents in an effort to reduce teen crashes. This outreach will include development of peer to peer teen safety groups in fifteen schools as well as a tool box and web site to provide resources to parents and teens.

### **TRAC**

TRAC (TRANsportation and Civil engineering) is a hands-on education program designed for use in science, math, and social science classes. By engaging students in solving real-world problems such as bridge building, TRAC connects students to the work world of transportation and inspires them to consider careers in transportation and civil engineering.

## **Aviation Career Education Academy Program**

ACE Academy is a fun, interactive aviation summer camp geared towards middle-high school students who are interested in aviation and aerospace.

## **Disability Mentoring Day**

Students with disabilities (mentees) are matched with workplace mentors according to expressed career interests. Mentees experience a typical day on the job and learn how to prepare to enter the world of work. Employers gain an increased awareness that people with disabilities represent an overlooked talent pool. Disability Mentoring Day is a

program of the American Association of People with Disabilities.

## **Inside the DOT Tour**

Inside the DOT tour allows high school students the opportunity to tour a few of our buildings. They will also be able to listen to presentations in about ten different bureaus and learn more about the transportation industry.

## **Stormwater Table Presentation**

The Stormwater Education Program was developed to educate students, municipalities, the community, and NHDOT employees on stormwater pollution. It is a great way for individuals to learn more about pollution and stormwater and a chance for everyone to become more involved in doing their part to keep our water clean. During the presentation, participants will have an opportunity to interact with our two hands-on water table demonstrations.

## **International Aviation Art Contest**

The International Aviation Art Contest challenges young people to illustrate the importance of aviation through art. Demonstrating the impact of aeronautics through an interactive, fun medium such as art motivates youth of all ages to become more familiar with aeronautics, engineering, and science. Children between the ages of 6 and 17 may participate. Entries will be judged in three classes, according to age.

## **Construction Career Days**

CCD increases career awareness in the construction and transportation industry

through hands-on experience with heavy equipment, welding, small tools, plumbing, electrical wiring and other construction related jobs.

## **College Summer Internship Program**

The Summer Internship Program is a paid internship offered to college students, typically in their junior or senior year. The program is for approx. 10 weeks depending on the job assignment. The internship gives students the opportunity to solve real-world problems and gain hands-on experience.

## **UNH Pathways**

UNH Pathways is a mentoring program hosted by the UNH Career Center in coordination with the Alumni Association. UNH Pathways brings alumni and undergraduates together for professional growth. Alumni provide valuable insight on navigating through the post-college world. Students build career networks and develop skills to become better professionals and leaders.

## **Job Shadows**

Job shadowing is designed to provide information on career options and to give the person shadowing insight in to what the career field the volunteer is in is like. Typical job shadows are either a half day or a full day, and may include field visits, or even visits to various different bureaus.