

# NWIC Space Center News – August 8, 2011

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An awful lot has transpired since the last post. I and four team members went to a NASA Advanced Rocketry Workshop in Las Cruces, NM the latter part of July. Kiya earned her Level 1 Certification, our team won the "Most Spirited" award, we visited America's Spaceport (still under construction) and we launched high powered rockets at Alamogordo near the White Sands Proving Grounds.

The class finished up on 8/12 with many rocket adventures. The culmination was a class built high powered rocket that we launched at our launch facilities. Class and team members also spent some time with the Women, Girls, Men and Boys Conference in Gold Bar, WA with a water bottle build and fly activity with conference participants. We also did a day-long air/paper and water/soda bottle rocket build and launch with 15 high school students from the Summer Science Academy. Great fun was had by all!!

And, last but not least, we've had an article about us published by NASA and placed on their [website](#).

<http://www.nasa.gov/audience/foreducators/postsecondary/features/inexperience-stop-flying.html>

We had to renew our FAA/CAA rocket launch waiver for the upcoming year. They've granted us a 5000 foot ceiling (3000 feet last year) which means we won't have to travel to Eastern Washington to test our high altitude rockets. That'll save us \$\$ as well as an eleven hour round trip.

The team has added Nicole Jefferson and Buffy Towle as new members. Both are welcome additions!

**NASA Advanced Rocketry Workshop, Las Cruces, NM - July 20-24,  
2011**



Here's a Krissy Jefferson photo of Audrey Nielson and Gary's rocket "Old Glories" launching in Alamogordo, NM. Krissy caught the liftoff and the US Flag in quite a striking photo. And yes, "Old Glories", (Audrey and Gary are both old) is painted with a blue nose cone and stars, the next section is red and white stripes, the next is solid blue, and the fins are white. They won the best looking rocket award.

Here are some photos from that trip.



Krissy and Nick Jefferson with their rocket, "Pretty in Pink"



Kiya and Gordon with their rocket, "Rwarr"

## NWIC Summer Quarter Physics 111 Rocket Launch



Nicole Jefferson readying a rocket for the Physics 111 class launch. Gary is assisting.



Nicole, CJ, Jessica Williams, Gary, and Buffy Towle prepare the class rocket for launch.





Gordon and Sadie Kelly on recovery detail for Gordon's rocket.

### **Water Rocket Building ant NWIC's Women, Girls, Men Boys Workshop in Gold Bar, August 24, 2011**





We're busy preparing our proposal for the 2011-12 University Student Launch Initiative. Our plan is to improve upon or 17/33 finish from last year.

Funding is going to be a really really big issue this year. Our biggest financial supporter, NASA, has had its educational funding cut by nearly 44%. So we need to spend much more time and effort in fund raising activities.

Thanks for your support!!!