UPCOMING EVENTS:
(Changes in red bold since last published.)
12 Oct- BEAT E. MICHIGAN
14 Oct- Columbus Day (Civilian Staff Holiday-not Faculty) Class Day.
15 Oct- DEPARTMENT APFT
19 Oct- BEAT TEMPLE
22 Oct- No Classes (Civilian Faculty holiday, Civilian Staff workday)
22 Oct- Visit from National Labs
26 Oct- Department TAILGATE Army BEATS Navy at Sprint Football
2 Nov- BEAT AIR FORCE
5 Nov- Department Meeting
8 Nov- Department Beer Call and Chain Presentation
11 Nov- Veteran’s Day (No Classes)
28-29 Nov- Thanksgiving Holiday
30 Nov- BEAT HAWAII
4 Dec- Department Meeting
14 Dec- BEAT NAVY
16 Dec- READING DAY
17-21 Dec- TEE

PANE UPDATE
7 October 2013 Update #10

PAIN is weakness leaving the body; PANE is knowledge entering the mind.

Team PANE,

Government Shutdown and No Appropriated Funds!

Congratulations to Eric and Ali Marshall! Atticus James Marshall was born at 0845 on 4 October. He was 10 lbs 4 oz and 22.75” tall. Welcome Atticus to the PANE family!

1. Government Shutdown. The government shutdown resulted in 2 to 3 days for all 17 members of our civilian workforce to be furloughed. As of 7 Oct all the civilians are back to work. We still do not have a continuing resolution or appropriations bill from Congress for other than pay; consequently, there is no money for travel, paper, pens, supplies, etc. We still have some gift funds that we can use for some of our expenses normally paid by appropriated funds (THANKS to all those that provided gift funds to the Department!!)

2. Colloquium: On 22 August, Dr. Chris Hamley of the Chapman Research Group at Georgia Institute of Technology presented an overview of some of the recent developments in ultra-cold atoms as explored in spin-1 Bose condensates.

3. Majors Welcome Back: During 21-22 August, the Department of Physics and Nuclear Engineering held welcome back meetings for physics, interdisciplinary science, and nuclear engineering majors. Topics discussed included changes in their respective program, social events, and research opportunities.

4. Astronomy Club participates at Club Night: Cadet Mike Gotschall, the CIC of the Astronomy Club along with Dr. Paula Fekete (PaNE), the club's OIC, and several club members participated in the recruiting opportunity provided by Club Night on Monday, 26 August, 2013 at Eisenhower Hall. This year’s event was a great success as more than 130 new cadets signed up to join the club. We had several of our telescopes showcased at the event. Unfortunately, the weather did not cooperate as the sky was overcast.

5. Conference: During 26-29 August, LTC John Hartke (PNE), LTC Lou Florence (PNE), Dr. Dave Kashinski (PNE), and Dr. Gunnar Tamm (CME) traveled to Monterey, CA along with CDT Jay Trexler (ME) and CDT Frank Arnold (PNE) to present papers at the Employment Conference of the Directed Energy Professional Society System Symposium. The cadets presented their work of the high energy laser weapons team from last year. CDT Trexler described the heat transfer modeling effort in CME for a laser engagement of an 82 mm mortar that accounts for mass loss and jitter. CDT Trexler also briefed his work on laser counter measures. CDT Arnold described the experimental results designed to validate the CME model for mass loss and jitter. LTC Hartke and LTC Florence were also conference chairs for the symposium.

6. Department Open House: On 4 September, the Department of Physics and Nuclear Engineering held an Open House for 3rd class cadets interested in majoring in physics, nuclear engineering, or interdisciplinary science. The programs established equipment displays, an information table, and a place to collect cadets’ contact information. The yearling must choose their majors by 11 Oct.

7. Meeting: On 5 September, LTC John Hartke hosted a meeting of the High Energy Laser Joint Technology Office (HEL-JTO) Advance Concepts Technical Area Working Group (AC-TAWG) at West Point. LTC Hartke serves as the chairman of the AC-TAWG. The meeting included representatives from the Army, Navy, Air Force, Missile Defense Agency, HEL-JTO, and DARPA. During the classified meeting the AC-TAWG discussed the DoD and services high energy laser technology development road maps, reviewed a military utility study for ultra-short pulse laser weapons, assessed the AC-TAWG investment strategy, and developed the next topic areas for the next call for proposals.

8. Triathlon: During 6-9 September, LTC Ken Allen took select members of the West Point triathlon team to the Ironman 70.3 World Championships in Henderson, NV. In the past year, over 90,000 athletes competed in one of 56 ironman 70.3 events worldwide attempting to qualify for one of 2400 spots in the World Championships. West Point had two male cadets, one female cadet, and LTC Allen qualify for and compete in Worlds. LTC Allen finished 131st out of 280 in the male 40 to 44 division. Hooah!

9. Trip Section: On 11 September, Prof. Tom Lainis and the students in PH456, Science and Policy, traveled to Niskayuna, NY to visit GE Global Research to see several laboratory projects and speak to the scientists and engineers working on these cutting edge projects. The group will also visit GE Power to discuss renewable energy and US policy with respect to it.

10. Tailgate: On 21 September, PNE held its first Department tailgate of the season. Despite the Army loss, a good time was had by all.

11. Meeting: During 27-28 September, MAJ Pete Chapman, MAJ Pete Exline, MAJ Eric Marshall, MAJ Tyler Jones, Dr. Paula Fekete, and CDT Austine Scales traveled to Poughkeepsie, NY to attend the American Association of Physics Teacher’s Northeastern Regional Meeting at Marist College. They all presented papers.

NO PANE, NO GAIN!