

Engineering EXPO & Engineering College Fair

Saturday, October 31, 2009 – Chantilly High School

Schedule of Events

7:30 – 9:00 am Exhibitor Registration (Auditorium Lobby)

9:00 – 9:45 am **EXPO Opening Session** (Auditorium)
Welcome & Introductions

Keynote Speaker

“NCIS – Los Angeles” Television Program

Powered by Lockheed Martin Technology

Matthew McCarty – Intelligence on Demand

Lockheed Martin Advanced Programs Group

10:00 – 10:45 am **“On Becoming an Engineer - Students’ Perspectives”** (Auditorium)

Undergraduate Engineering Student Panel

Moderator: Dr. Heather Watson, Assistant Professor

School of Engineering—James Madison University

Student Panelists:

Jessica Jondahl, Sophomore, James Madison University-School of Engineering

Aysha Mohamed, Sophomore, University of Virginia- School of Engineering & Applied Science

Jeff Smith, Senior, Civil Engineering, Virginia Tech – College of Engineering

10:45 – 1:00 pm *≈ Concurrent Activities ≈*

Engineering College Fair

(Cafeteria)

Georgia Institute of Technology

George Mason University - Volgenau School of Information Technology and Engineering

George Washington University – School of Engineering & Applied Science

Harvey Mudd College – Department of Engineering

James Madison University – School of Engineering

Liberty University – School of Engineering & Computational Sciences

Northern Virginia Community College – Department of Engineering

Old Dominion University – Frank C. Batten College of Engineering

Purdue University – College of Engineering

Sweet Briar College – Department of Physics and Engineering

United States Coast Guard Academy

University of Maryland – A. James Clark School of Engineering

University of Virginia – School of Engineering and Applied Science

Virginia Commonwealth University – School of Engineering

Virginia Polytechnic Institute and State University – College of Engineering

Chantilly High School

4201 Stringfellow Road

Chantilly, Virginia



Engineering Careers Showcase

(Cafeteria)

- Engineering Careers in Northern Virginia – Corporate & Government Workplaces
 - ECS Mid-Atlantic, LLC
 - ExxonMobil
 - Fairfax County Department of Public Works & Environmental Services
 - Micron Technology
 - Northrop Grumman
 - PBS&J
- Virginia Council on Advanced Technology Skills – VCATS
Virginia Manufacturers Association (VMA) and
Virginia Biotechnology Association (VA Bio)]
- American Society of Civil Engineers

Pre-Collegiate Engineering Education – Chantilly High School Academy

- Chantilly Engineering Program (Lecture Hall)
- Chantilly Robotics 612 (Lecture Hall)
- Aerospace Club (Lecture Hall)
- IEEE Student Chapter (Lecture Hall)
- Technology Student Association (Lecture Hall)
- FIRST Lego League - Team GiRo Transporters (Lecture Hall)

Engineering Workshops

(Room #s – TBA)

(All workshops will be offered twice)

Session A Workshops 11:00 am – Noon

Session B Workshops Noon – 1:00 pm

Building a Better Skyscraper
PBS&J Inc.

Design Squad Challenge
National Society of Professional Engineers

Exploring your World with Global Positioning Systems (GPS)
Geographic Information Systems Program – NVCC – Reston Center

Building a Better PB&J Sandwich: Systems Engineering
Engineering Leadership Development Program – Lockheed Martin

Solve the Transportation Congestion Challenge
Noblis Inc.



Food Concession - FIRST Robotics Fundraiser

(Outside Cafeteria)

1:15 –2:00 pm

EXPO Closing Session

(Auditorium)

Keynote Speaker

“The Art of the Possible”

Dr. Pete Rustan

Director, Mission Support Directorate

National Reconnaissance Office