

Beyond Boulder

Prof. Steven Pollock

Thanks to Chuck Rogers for the pix!

Department of Physics

University of Colorado at Boulder



Physics career websites

- <http://www.aps.org/careers>
- <http://www.compadre.org/careers/>
- <http://www.aip.org/careersvc/pify/indigo.html>
- <http://www.aps.org/careers/statistics/bsempsectors.cfm>
- <http://www.spsnational.org/cup/>

What is a Physics/Engineering Physics/APS degree all about?

Classes are ONLY PART of the story...

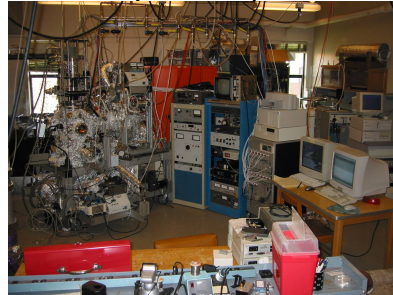
Physics and Engineering Physics are centered on the research lab!

Get involved as soon as possible:

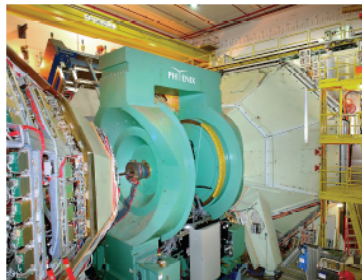
Getting into the lab is your most important job!



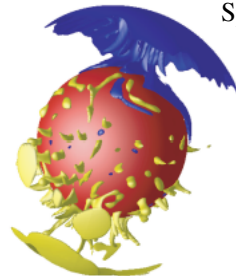
Heather Lewandowski: Pulsed dye laser



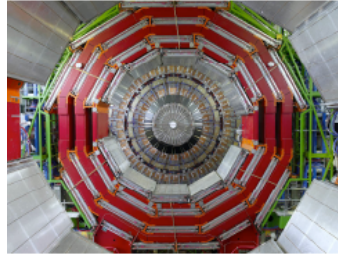
Dan Dessau: Laser Photoemission Spectroscopy



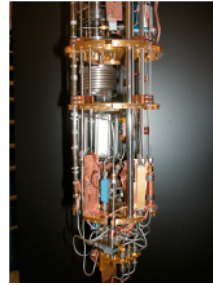
Nagle: PHENIX at RHIC



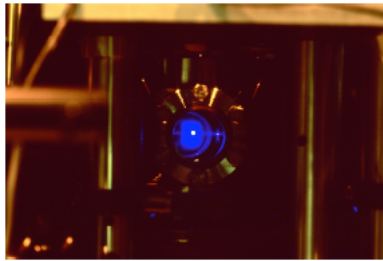
Zhong: The Earth!



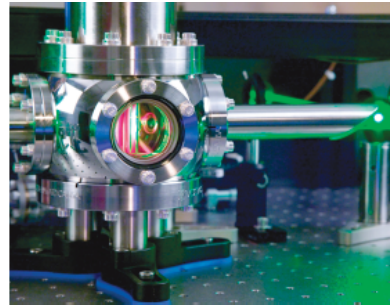
Kevin Stenson, Cumalat, Ford, Nauenberg, Smith, Wagner: CMS at the LHC



Konrad Lehnert: dilution refrigerator



JunYe: Strontium atomic clock



Margaret Murnane and Henry Kapteyn: femtosecond and X-ray lasers

Latin Honors

Physics, Engineering Physics, Astrophysics majors and Physics minors may pursue an honors thesis research project.

Physics graduates the largest fraction of students *cum laude*, *magna cum laude* and *summa cum laude*.

Half of our graduates in 2009/2010 graduated with honors!

What some of previous year's graduates are doing now

Jessica Bartley - K12 teaching
Seth Caliga - Working with Dana Anderson's group for another year.
Eric Eason - Stanford University, Applied Physics
C. Leland Ellison - Princeton University - Plasma Physics.
Alex Fletcher - Stanford University - Aerospace Engineering
Nathan Goldbaum - University of California, Santa Cruz
Andrew Laszlo - University of Washington - Physics
Daniel Lobser - University of Colorado - Physics.
Erin Macdonald - University of Glasgow, Scotland
Daniel McKinnon - UC Santa Barbara - Physics
Maxwell Moe - Harvard University - Astronomy
Devin Rourke - Working at NIST-Boulder for 1 year.
Jonathan Sparks - Working locally and going to Grad School in 2011.
David Tieri - University of Colorado - Physics
Matthew Wittmann - UC Santa Cruz - Physics

So ...,

what can you do with a Physics/
EPEN/APS Degree?

You name it! Eng. Physicists are very highly sought after because of their technical, mathematical and problem solving skills. And their brains!

Professor	Physician
Research scientist	Entrepreneur
Strategic consulting	Foreign service officer
Staff engineer	Attorney
Financial advisor	Paramedic
Financial analyst	Research analyst
Actuary	Patent examiner
Stress analyst	Pastor
Laboratory manager	Associate scientist
Data analyst	Manufacturing coordinator
Science teacher	Solar electric installation
Vice president of finance	Project manager
Satellite integration engineer	NASA educator
Aerospace system engineer	Production coordinator
Technical writer	Naturopathic medicine

Top Chef



Hosea Rosenberg (EPEN 1997) loves mathematics, physics and astrophysics and has found his true passion, the culinary arts. Hosea earned international acclaim last year as the winner Season Five of Bravo TV's Top Chef competition (<http://www.bravotv.com/top-chef/>).

Visit your physics advisor/mentor:
<http://phys.colorado.edu/undergraduate-students/advisors>