Undergraduate Physics
Physics at the University of Illinois

Excellence in research, education and outreach
New Student Pizza Party!

Merissa Jones (+70 pizzas)

New students plus peer mentors
Undergraduate Physics at the University of Illinois

Agenda:
• Welcome
  Dale Van Harlingen, Head
• Introduction to the Physics Program
  Kevin Pitts
• University housing overview
  Mari Anne Brocker
• Break
• Physics careers
  Kevin Pitts
• Study abroad
  Erica Mui
• Financial aid
  Keith Cornelius

Parallel
  • Parents: financial aid Q&A
  Taylor, Tony, Ryan
  • Students: university life
  • Lunch - meet students and faculty
  • Physics curriculum
  • Question and answer period
  • Parallel
    • Tour PHYS 403 lab
    • More Q&A
  • Adjourn

Prof. Eugene Colla
Welcome!

- **Physics at UIUC:**
  - Ranked #1 in the nation in undergraduate engineering physics
  - Ranked #8 overall (two surveys)
  - Other national rankings:
    - #2 in condensed matter physics
    - #8 in quantum information
    - #10 in nuclear physics
    - #12 in elementary particle physics

Tony Leggett receiving the Nobel Prize for Physics (2003)
Engineering science and engineering physics combine multidisciplinary principles including math and physics. These are the top undergraduate schools where the highest engineering degree offered is a doctorate.

**University of Illinois--Urbana-Champaign**

Founded in 1867, University of Illinois--Urbana-Champaign is a public institution. University of Illinois--Urbana-Champaign follows a semester-based academic calendar and its admissions are considered more selective.

Get access to expanded profiles, financial aid statistics, GPAs and more.
Outcomes

**JOBS**
- Accenture Consulting
- Belvedere Trading
- Chicago Tech Academy
- CISCO Systems
- Creat-a-Soft
- Crystal Lake Central HS
- Department of Defense
- Elk Grove HS
- Epic
- Google
- Green Line Engineering
- HRL Labs
- IBM
- IMC Finance
- Inservice Engineering
- Intel
- Jump Trading
- Lake Forest Academy
- Olenick & Associates
- Qualcomm
- Simplex Investments
- Studio 222
- Twitch LLC
- U-Line Distributor
- U.S. Military
- Viasat

**Graduate Schools**

**Areas**
- Physics
- Applied Physics
- Applied Statistics
- Architectural Acoustics
- Biomedical Engineering
- Computer science
- Electrical Engineering
- Finance
- Geophysics
- Journalism
- Law School
- Material Science
- Mathematics
- Neuroscience
- Nuclear Engineering
- Secondary Education

**Schools**
- Caltech
- Case-Western
- Colorado
- Cornell
- Florida
- Harvard
- Indiana
- Johns Hopkins
- Maryland
- Michigan
- Michigan State
- Minnesota
- MIT
- Northwestern
- Notre Dame
- Ohio State
- Ohio University
- Oxford
- Penn State
- Princeton
- Stanford
- U Chicago
- UIUC
- University of California
- Virginia
- Washington
- Wisconsin

http://physics.illinois.edu/
Undergraduate Physics at the University of Illinois

Toni Pitts
Coordinator of Recruiting, Advising, and Special Programs

Merissa Jones
Academic Advisor

Mats Selen
Professor of Physics
Associate Head for Undergraduate Programs
By the numbers

- 60 faculty
- 290 graduate students
- 530 undergraduate students
- $25M in grant support for research

- We award
  - 70 Bachelor’s degrees/year
  - 40 Ph.D.’s per year

- Average ACT score is 32

Charles Slichter receiving the National Medal of Science (2008)
Areas of Research

- Astrophysics
- Atomic and Molecular Optics
- Biological Physics
- Complex Systems
- Condensed Matter
- Cosmology
- High-Energy Physics
- Nuclear Physics
- Physics Education
- Quantum Information

- Campus centers:
  - Institute for Condensed Matter Theory
  - Center for the Physics of Living Cells

- Close research ties with:
  - National Center for Supercomputer Applications (NCSA)
  - Fermi National Accelerator Laboratory
  - Argonne National Laboratory