2006 Summer Internships
for Undergraduate and Graduate Students

Department of
Nuclear Science and Engineering
2006 Internships for the
Nuclear Science and Engineering Department

Utility Plants

- Diablo Canyon Nuclear Power Plant
  - Website: www.pge.com/college
  - Announcement Date: January 2006
  - Deadline: Rolling
  - Professional Contact: Online Submission
  - Previous Participant Contact: Nate Carstens carstens@mit.edu
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

- Donald C. Cook Nuclear Power Plant (handout)
  - Website: http://www.cookinfo.com/summerintern.htm
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: Kirk Newall kjnewall@aep.com 1-269-466-3412
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

- Exelon Nuclear
  - Website: http://www.exeloncorp.com/careers/exelononcampus/undergraduate.htm
  - Announcement Date: January ‘06
  - Deadline: Rolling
  - Professional Contact: Neal R. Coy neal.coy@exeloncorp.com 1-610-765-5997
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

- Entergy Nuclear (handout)
  - Website: http://www.entergy.com/careers/internships.aspx
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: Submit resume to college@entergy.com
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A
• Seabrook Nuclear Power Plant (NH)
  o Website: [www.fpl.com/about/nuclear/contents/about_seabrook_station.shtml](http://www.fpl.com/about/nuclear/contents/about_seabrook_station.shtml)
  o Announcement Date: N/A
  o Deadline: Rolling
  o Professional Contact: David Barr seabrookstation@fpl.com 1-800-338-7482
  o Previous Participant Contact: Jennifer Ellsworth jells@mit.edu
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Duke Electric (handout)
  o Announcement Date: Currently Posted on Website
  o Deadline: April 14, 2006
  o Professional Contact: Apply online
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Must have completed Junior year
  o Additional Notes: N/A

• Constellation Energy
  o Announcement Date: N/A
  o Deadline: Rolling
  o Professional Contact: careers@constellation.com
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• San Onofre Nuclear Generating Station (handout)
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Apply online
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A
Research Reactors

- MIT Nuclear Reactor Laboratory
  - Announcement Date: Ongoing
  - Deadline: Rolling
  - Professional Contact: Ed Lau eslau@mit.edu 1-617-253-4211
  - Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  - US Citizen: Yes
  - Undergraduate/Graduate: Freshman applicants preferred
  - Additional Notes: Spend the summer studying to become a certified nuclear reactor operator at MIT’s 5MWth research reactor.

Accelerator Laboratories

- CERN
  - Website: [www.um-cern-reu.org/](http://www.um-cern-reu.org/)
  - Announcement Date: Currently Posted on Website
  - Deadline: January 3, 2006
  - Professional Contact: Prof. Jean Krisch
  - Previous Participant Contact: N/A
  - US Citizen: Must be US citizen or permanent resident
  - Undergraduate/Graduate: Both
  - Additional Notes: Must have completed 3 yrs of undergrad

- Bates
  - Website: [http://mitbates.lns.mit.edu/bates/control/opportunity](http://mitbates.lns.mit.edu/bates/control/opportunity)
  - Announcement Date: Check on Website
  - Deadline: N/A
  - Professional Contact: On Website
  - Previous Participant Contact: N/A
  - US Citizen: No
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

Fusion Reactors

- Alcator C-mod
  - Website: [http://www.psfc.mit.edu/education/undergrad/index.html](http://www.psfc.mit.edu/education/undergrad/index.html)
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: Check Website for Each Project Area
  - Previous Participant Contact: Check Website
  - US Citizen: No
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A
National Laboratories

- Science Undergraduate Laboratory Internships (SULI) (handout)
  - Website: [www.scied.science.doe.gov/scied/ERULF/about.html](http://www.scied.science.doe.gov/scied/ERULF/about.html)
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: Apply Online
  - Previous Participant Contact: N/A
  - US Citizen: Must be US citizen or permanent resident
  - Undergraduate/Graduate: Undergraduate
  - Additional Notes: DOE internships in various labs

- Argonne National Laboratory
  - Announcement Date: Currently Posted on Website
  - Deadline: Varies
  - Professional Contact: Dr. Michael Simpson
  - Previous Participant Contact: Vered Anzenberg vered@mit.edu
  - US Citizen: Depends
  - Undergraduate/Graduate: Both
  - Additional Notes: Contact Walt Kato wykato@mit.edu for information on the International Student Exchange Program described at [http://www.dep.anl.gov/p_graduate/ISEP/](http://www.dep.anl.gov/p_graduate/ISEP/)

- Brookhaven National Laboratory (handout)
  - Announcement Date: Currently Posted on Website
  - Deadline: January 15th, 2006
  - Professional Contact: Susan Pepper
  - Previous Participant Contact: N/A
  - US Citizen: Must be US citizen or permanent resident
  - Undergraduate/Graduate: Both
  - Additional Notes: One-year internship in Vienna with International Atomic Energy Agency, Susan Pepper (MIT Alum) Founded the Program

- Los Alamos National Laboratory
  - Website: [www.lanl.gov/education/](http://www.lanl.gov/education/)
  - Announcement Date: Currently Posted on Website
  - Deadline: Varies
  - Professional Contact: Varies
  - Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  - US Citizen: Depends
  - Undergraduate/Graduate: Both
  - Additional Notes: Wide variety of programs depends on specific sponsor
• Lawrence Livermore National Laboratory
  o Website: [http://www.llnl.gov/llnl/education/college.jsp](http://www.llnl.gov/llnl/education/college.jsp)
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Doug Phinney phinney@llnl.gov Seaborg Institute program
  o Previous Participant Contact: Vered Anzenberg vered@mit.edu
  o US Citizen: Depends
  o Undergraduate/Graduate: Both
  o Additional Notes: Variety of programs on website.

• Idaho National Laboratory (handout)
  o Website: [www.inl.gov/education/](http://www.inl.gov/education/)
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Una Tyng 1-208-526-1626
  o Previous Participant Contact: N/A
  o US Citizen: Depends
  o Undergraduate/Graduate: Both
  o Additional Notes: Must have completed sophomore year

• Oakridge National Laboratory
  o Announcement Date: Currently Posted on Website
  o Deadline: Depends
  o Professional Contact: Apply Online
  o Previous Participant Contact: N/A
  o US Citizen: Depends
  o Undergraduate/Graduate: Both
  Deadline: March 31, 2006

• Pacific Northwest National Laboratory (handout)
  o Website: [http://science-ed.pnl.gov/studentops.stm](http://science-ed.pnl.gov/studentops.stm)
  o Announcement Date: Currently Posted on Website
  o Deadline: Varies ~ January 2006
  o Professional Contact: Apply Online
  o Previous Participant Contact: Nate Carstens carstens@mit.edu
  o US Citizen: Must be US citizen
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A
National Institute of Standards and Technology
- Announcement Date: Currently Posted on Website
- Deadline: February 15, 2006
- Professional Contact: Anita Sweigert sweigert@nist.gov
- Previous Participant Contact: N/A
- US Citizen: Must be US citizen or permanent resident
- Undergraduate/Graduate: Undergraduate
- Additional Notes: Must wish to pursue a PhD in Physics

Undergraduate Student Intern Program
- Website: [www.ciintern.com/intprog.html](http://www.ciintern.com/intprog.html)
- Announcement Date: Currently Posted on Website
- Deadline: April 15, 2006
- Professional Contact: info@ciintern.com
- Previous Participant Contact: N/A
- US Citizen: Must be US citizen
- Undergraduate/Graduate: Undergraduate
- Additional Notes: N/A

Reactor Vendors
- General Electric—Nuclear Energy Division
  - Announcement Date: Currently Posted on Website
  - Deadline: ~September
  - Professional Contact: Angela Stansell Angela.Stansell@ge.com
  - Previous Participant Contact: N/A
  - US Citizen: No F-1 visas (some exceptions)
  - Undergraduate/Graduate: Both

- Areva Inc
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: Professor Mujid Kazimi kazimi@mit.edu
  - Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  - US Citizen: No
  - Undergraduate/Graduate: Both
• Framatome ANP
  o Website: http://www.us.framatome-anp.com/careers/college/index.htm
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Professor Mujid Kazimi kazimi@mit.edu
  o Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Cogema
  o Website: http://www.cogema.com/servlet/ContentServer?pagename=cogema_en/html_libre/full_template&c=FreeHtml&cid=1039458805766
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Professor Mujid Kazimi kazimi@mit.edu
  o Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Canberra
  o Website: www.canberra.com
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Professor Mujid Kazimi kazimi@mit.edu
  o Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Westinghouse
  o Website: http://www.westinghousenuclear.com/F5g.asp
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: On Website
  o Previous Participant Contact: N/A
  o US Citizen: (F-1 Visas Accepted)
  o Undergraduate/Graduate: Must be at least a junior
  o Additional Notes: N/A

• General Atomics (handout)
  o Website: http://www.ga.com/jobs/index.html
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
Professional Contact: Chris Ellis  Chris.ellis@gat.com  1-858-455-3141
Previous Participant Contact: N/A
US Citizen: No
Undergraduate/Graduate: Both
Additional Notes: N/A

Consulting Companies

- Shaw Group
  - Website: http://www.pillsburylaw.com/cgi-bin/bvisapi.dll/portal/ep/paDetail.do?pa=1618&BV_SessionID=@@@@0576610523.1134268779@@@@&BV_EngineID=ccccaddggilcgeicggldhkjdho.0
  - Announcement Date: N/A
  - Deadline: Rolling
  - Professional Contact: Jay Silberg jay.silberg@pillsburylaw.com
  - Previous Participant Contact: N/A
  - US Citizen: No
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

- Bechtel
  - Website: http://www.bechtel.com/careers/coop.asp
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: On Website
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

Government Agencies

- Department of Energy
  - Website: http://www.energy.gov/engine/content.do?BT_CODE=TS_SUBSECTION3
  - Announcement Date: Depends Upon Particular Internship
  - Deadline: Depends Upon Particular Internship
  - Professional Contact: On Website
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A
• Nuclear Regulatory Commission
  o Website: http://www.nrc.gov/who-we-are/employment/student-prog.html
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Summer-Emp@nrc.gov
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Department of Homeland Security
  o Website: http://www.dhs.gov/dhspublic/interapp/content_multi_image/content_multi_image_0011.xml
  o Announcement Date: Depends Upon Particular Internship
  o Deadline: Depends Upon Particular Internship
  o Professional Contact: On Website
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Defense Nuclear Safety Board
  o Website: http://www.dnfsb.gov/employment/index.html
  o Announcement Date: Currently Posted on Website
  o Deadline: Depends Upon Particular Internship
  o Professional Contact: On Website
  o Previous Participant Contact: Victoria Anderson vkanders@alum.mit.edu
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Electric Power Research Institute
  o Website: http://my.epri.com/portal/server.pt?
  o Announcement Date: Currently Posted on Website
  o Deadline: Depends Upon Particular Internship
  o Professional Contact: On Website
  o Previous Participant Contact: N/A
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Institute for Defense Analyses
  o Website: http://www.ida.org/IDAnew/Employment/interns.html
  o Announcement Date: January 2006
  o Deadline: March 2006
  o Professional Contact: resumes@ida.org
• Previous Participant Contact: N/A
  • US Citizen: Must be a US Citizen
  • Undergraduate/Graduate: Both (Undergraduates - Juniors and above)
  • Additional Notes: N/A

  • BWXT Y-12 National Security Complex
    • Announcement Date: Currently Posted on Website
    • Deadline: Rolling
    • Professional Contact: staffing@y12.doe.gov
    • Previous Participant Contact: N/A
    • US Citizen: Must be a US Citizen
    • Undergraduate/Graduate: Both

Nuclear Energy Policy/Lobbyist Organizations

• Nuclear Energy Institute (handout)
  • Announcement Date: Depends Upon Particular Internship
  • Deadline: Depends Upon Particular Internship
  • Professional Contact: On Website
  • Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  • US Citizen: No
  • Undergraduate/Graduate: Both
  • Additional Notes: N/A

• American Nuclear Society
  • Website: [http://www.ans.org/honors/internships/#aaas](http://www.ans.org/honors/internships/#aaas)
  • Announcement Date: Depends Upon Particular Internship
  • Deadline: Depends Upon Particular Internship
  • Professional Contact: On Website
  • Previous Participant Contact: N/A
  • US Citizen: No
  • Undergraduate/Graduate: Both
  • Additional Notes: N/A

• Washington Internships for Students of Engineering
  • Website: [www.wise-intern.org](http://www.wise-intern.org)
  • Announcement Date: Currently Posted on Website
  • Deadline: December 16th, 2005
  • Professional Contact: Alan Levin (alum from our department) selects nuclear delegates alevin@alum.mit.edu
  • Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  • US Citizen: No
  • Undergraduate/Graduate: Both
  • Additional Notes: N/A
Non-Proliferation Organizations

- Nuclear Threat Initiative
  - Website: [www.nti.org/h_learnmore/h6_internship.html](http://www.nti.org/h_learnmore/h6_internship.html)
  - Announcement Date: Currently Posted on Website
  - Deadline: Depends Upon Particular Internship
  - Professional Contact: On Website
  - Previous Participant Contact: N/A
  - US Citizen: Depends
  - Undergraduate/Graduate: Both
  - Additional Notes: Variety of internships all over the world

- Institute for Science and International Security
  - Website: [http://www.isis-online.org/about/intern.html](http://www.isis-online.org/about/intern.html)
  - Announcement Date: Currently Posted on Website
  - Deadline: ~ November
  - Professional Contact: intern@isis-online.org
  - Previous Participant Contact: N/A
  - US Citizen: No
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

- International Atomic Energy Agency
  - Announcement Date: Currently Posted on Website
  - Deadline: January 15th, 2006
  - Professional Contact: Catherine Osiecki [osiecki@bnl.gov](mailto:osiecki@bnl.gov)
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: Susan Pepper (alum from our department) helped form the program

WMD Detection System

- Bartlett Detection Systems
  - Website: [http://www.bartlettinc.com/](http://www.bartlettinc.com/)
  - Announcement Date: Currently Posted on Website
  - Deadline: Rolling
  - Professional Contact: On Website
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A
• General Electric—Nuclear Weapons Detection Systems Division
  o Website: www.gecareers.com
  o Announcement Date: Depends Upon Particular Internship
  o Deadline: Depends Upon Particular Internship
  o Professional Contact: On Website
  o Previous Participant Contact: N/A
  o US Citizen: No F-1 visas (some exceptions)
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

Undergraduate Research Opportunities Program

• Check with individual professors

Links to a few other internship databases:

• http://www.dep.anl.gov/highered/gusnef.htm
• http://www.aip.org/sj/job_menu.jsp
• http://phobos.physics.uiowa.edu/~clang/reu_info.html
• http://www.compadre.org/student/research/main.cfm
• http://see.orau.org/AcademicStatus.aspx?type=Undergrad
• http://www.nsf.gov/crssprgm/reu/reu_search.cfm
• http://tiptop.iop.org/index.cfm?action=job.list&jobtype=3