2007 Summer Internships
for Undergraduate and Graduate Students

Department of
Nuclear Science and Engineering
Utility Plants

- Diablo Canyon Nuclear Power Plant
  - Website: [www.pge.com/careers/college/summer_internships/index.html](http://www.pge.com/careers/college/summer_internships/index.html)
  - Announcement Date: January 2007
  - Deadline: Rolling
  - Professional Contact: Online Submission
  - Previous Participant Contact: Nate Carstens [carstens@mit.edu](mailto:carstens@mit.edu)
  - US Citizen: No
  - Undergraduate/Graduate: Undergrad
  - Additional Notes: N/A

- Donald C. Cook Nuclear Power Plant
  - Website: [http://www.cookinfo.com/summerintern.htm](http://www.cookinfo.com/summerintern.htm)
  - Announcement Date: January 2007
  - Deadline: January 31, 2007
  - Professional Contact: Kirk Newall [kjnewall@aep.com](mailto:kjnewall@aep.com) 269-466-3412
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Must be at least a junior
  - Additional Notes: N/A

- Energy Northwest
  - Website: [http://www.energy-northwest.com/opportunities/studentPrograms.php](http://www.energy-northwest.com/opportunities/studentPrograms.php)
  - Announcement Date: Rolling
  - Professional Contact: N/A
  - Previous Participant Contact: N/A
  - US Citizen: N/A
  - Additional Notes: N/A

- Exelon Nuclear
  - Website: [http://www.exeloncorp.com/careers/exelononcampus/undergraduate.htm](http://www.exeloncorp.com/careers/exelononcampus/undergraduate.htm)
  - Announcement Date: January 2007
  - Deadline: Rolling
  - Professional Contact: Neal R. Coy [neal.coy@exeloncorp.com](mailto:neal.coy@exeloncorp.com) 610-765-5997
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A
• Entergy Nuclear
  o Website: http://www.entergy.com/careers/internships.aspx
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: Submit resume to college@entergy.com
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Seabrook Nuclear Power Plant (NH)
  o Website:
    http://www.fpl.com/environment/nuclear/about_seabrook_station.shtml
  o Announcement Date:
  o Deadline: Rolling
  o Professional Contact: Courtney Greenwell Courtney_greenwell@fpl.com
    561-694-6211
  o Previous Participant Contact: Jennifer Ellsworth jells@mit.edu
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Susquehanna Steam Electric Station
  o Website: http://www.pplweb.com/careers/cooperative+associates+%28interns%29/jumpstart+your+career.htm
  o Announcement Date:
  o Deadline: Varies
  o Professional Contact: Susan Downs sadowns@pplweb.com
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Duke Electric
  o Website: http://www.duke-energy.com/careers/recruiting/interns/
  o Announcement Date:
  o Deadline: April 14, 2006
  o Professional Contact: Apply online
  o Previous Participant Contact: N/A
  o US Citizen: No
  o Undergraduate/Graduate: Must have completed junior year
  o Additional Notes: N/A

• Constellation Energy
  o Website: http://www.constellationenergy.com/careers/index.asp
  o Announcement Date: N/A
  o Deadline: Rolling
Professional Contact: careers@constellation.com
Previous Participant Contact: N/A
US Citizen: No
Undergraduate/Graduate: Both
Additional Notes: N/A

San Onofre Nuclear Generating Station
Website: https://www2.sce.com/pljb/global_jsp/applicant/DisplayJob/JobDetails.jsp?display=1&pljbHome=/edison/careers/applicant/index.jsp&id=1319
Announcement Date: Ongoing
Deadline: Rolling
Professional Contact: Apply online
Previous Participant Contact: N/A
US Citizen: No
Undergraduate/Graduate: Both
Additional Notes: N/A

Research Reactors

MIT Nuclear Reactor Laboratory
Website: http://web.mit.edu/nrl/www/
Announcement Date: Ongoing
Deadline: Rolling
Professional Contact: Ed Lau eslau@mit.edu 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.

Lockheed Martin/Knolls Atomic Power Laboratory Inc.
Website: http://www.kaplinc.com/index.html
Announcement Date:
Deadline: Rolling
Professional Contact: Chal Davidson 518-395-4609
Previous Participant Contact:
US Citizen:
Undergraduate/Graduate:
Additional Notes: N/A

Accelerator Laboratories

CERN
Website: www.um-cern-reu.org/
Announcement Date: Varies
Deadline: January 1, 2007
• Professional Contact: Prof. Jean Krisch jkrisch@umich.edu
• Previous Participant Contact: N/A
• US Citizen: Must be US citizen or permanent resident
• Undergraduate/Graduate: Must have completed 3 yrs of undergrad
• Additional Notes: N/A

• Bates
  o Website: http://mitbates.lns.mit.edu/bates/control/opportunity
  o Announcement Date: Check Website
  o Deadline: N/A
  o Professional Contact: Check Website
  o Previous Participant Contact: N/A
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

Fusion Reactors
• Alcator C-mod
  o Website: http://www.psfc.mit.edu/education/undergrad/index.html
  o Announcement Date: Ongoing
  o Deadline: Rolling
  o Professional Contact: Check Website for Each Project Area
  o Previous Participant Contact: Check Website
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

National Laboratories
• Science Undergraduate Laboratory Internships (SULI) with US Navy
  o Website: www.scied.science.doe.gov/scied/ERULF/about.html
  o Announcement Date: Currently on website
  o Deadline: November 16, 2006
  o Professional Contact: Sue Ellen Walbridge sue-ellen.walbridge@science.doe.gov
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Undergraduate
  o Additional Notes: N/A

• Argonne National Laboratory
  o Website: http://www.anl.gov/Careers/Education/index.html
  o Announcement Date: Varies
  o Deadline: Varies
  o Professional Contact: Dr. Michael Simpson Michael.simpson@anl.gov
  o Previous Participant Contact: Vered Anzenberg vered@mit.edu
US Citizen: Depends on internship
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/

Brookhaven National Laboratory
- See IAEA below under Nonproliferation Organizations

Idaho National Laboratory
- Website: www.inl.gov/education/
- Announcement Date: Varies
- Deadline: Rolling
- Professional Contact: Una Tyng 208-526-1626
- Previous Participant Contact: N/A
- US Citizen: Yes
- Undergraduate/Graduate: Must have completed sophomore year
- Additional Notes: N/A

Los Alamos National Laboratory
- Website: www.lanl.gov/education/
- Announcement Date: Varies
- Deadline: Varies
- Professional Contact: Brenda Montoya bmontoya@lanl.gov
- Previous Participant Contact: Tyler Ellis tyler9@mit.edu
- US Citizen: Depends on internship
- Undergraduate/Graduate: Both
- Additional Notes: N/A

Lawrence Livermore National Laboratory
- Website: http://universitygateway.llnl.gov/undergrad_grad/llsip/
- Announcement Date: Varies
- Deadline: Rolling
- Professional Contact: Doug Phinney phinney@llnl.gov Seaborg Institute program
- Previous Participant Contact: Vered Anzenberg vered@mit.edu
- US Citizen: Depends on internship
- Undergraduate/Graduate: Both
- Additional Notes:
  - Also see:
  - Applications begin in February. Must be US citizen. Contact Song Huang huang3@llnl.gov
• National Institute of Standards and Technology
  o Announcement Date: Varies
  o Deadline: February 15, 2007
  o Professional Contact: Anita Sweigert sweigert@nist.gov
  o Previous Participant Contact: N/A
  o US Citizen: Must be US citizen or permanent resident
  o Undergraduate/Graduate: Undergraduate
  o Additional Notes: Must wish to pursue a PhD in Physics

• Naval Research Enterprise Internship Program (Office of Naval Research)
  o Website: http://www.asee.org/nreip
  o Announcement Date: Currently on website
  o Deadline: January 12, 2007
  o Professional Contact: N/A
  o Previous Participant Contact: N/A
  o US Citizen: Must be US citizen (permanent residents accepted at some labs)
  o Undergraduate/Graduate: Juniors, seniors, graduate students
  o Additional Notes: N/A

• Oakridge National Laboratory
  o Website: http://www.orau.gov/orise/edu/ornl/
  o Announcement Date: Varies
  o Deadline: Depends on internship
  o Professional Contact: Apply Online
  o Previous Participant Contact: N/A
  o US Citizen: Varies by internship
  o Undergraduate/Graduate: Both
  o Additional Notes: Variety of programs on website. Also see:
    ▪ Oakridge Nat’l Lab Nuclear Engineering Student Laboratory Synthesis
        • Deadline: March 31, 2007

• Pacific Northwest National Laboratory
  o Website: http://science-ed.pnl.gov/students/
  o Announcement Date: January 2007
  o Deadline: Varies
  o Professional Contact: Apply Online
  o Previous Participant Contact: Jessica Flores jflores@mit.edu
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A

• Undergraduate Student Intern Program
  o Website: www.ciintern.com/intprog.html
o Announcement Date: Varies
o Deadline: April 15, 2007
o Professional Contact: info@ciintern.com
o Previous Participant Contact: N/A
o US Citizen: Must be US citizen or permanent resident
o Undergraduate/Graduate: Undergraduate
o Additional Notes: N/A

Reactor Vendors

- General Electric—Nuclear Energy Division
  o Website: http://www.gecareers.com/GECAREERS/html/us/studentOpportunities/internshipsCoOps/eid_index.html
  o Announcement Date: ~ September
  o Deadline: Varies
  o Professional Contact: Angela Stansell Angela.Stansell@ge.com
  o Previous Participant Contact: Diana Wang yunzhi@mit.edu
  o US Citizen: No F-1 visas (some exceptions)
  o Undergraduate/Graduate: Both
  o Additional Notes: Edison Engineering Development Program http://www.gecareers.com/GECAREERS/html/europe/studentOpportunities/leadershipPrograms/AppProcess_EEDP.html

- Areva Inc
  o Website: http://www.areva.com/servlet/ContentServer?pagename=arevagroup_en%2FPage%2FPageFreeHtmlFullTemplate&c=Page&cid=1120122071184
  o Announcement Date: Varies
  o Deadline: Rolling
  o Professional Contact: Professor Mujid Kazimi kazimi@mit.edu
  o Previous Participant Contact: Susanna Wong s_wong@mit.edu
  o US Citizen: No
  o Undergraduate/Graduate: Both

- Framatome ANP
  o Website: http://www.us.framatome-anp.com/careers/college/index.htm
  o Announcement Date: Varies
  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_l
  ibre/html_libre_full_template&c=FreeHtml&cid=1039458805766
  o Announcement Date: Varies
  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: See Areva website
  o Announcement Date: Varies
  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: Varies
  o Deadline: Rolling
  o Professional Contact: Sten Caspersson
    Sten.a.caspersson@us.westinghouse.com
  o Previous Participant Contact: Bo Feng bofeng@mit.edu
  o US Citizen: Must have F1 visa
  o Undergraduate/Graduate: Must have completed sophomore year
  o Additional Notes: N/A

• General Atomics
  o Website: http://www.ga.com/jobs/index.html
  o Announcement Date:
  o Deadline: March 15, 2007
  o Professional Contact: Chris Ellis Chris.ellis@gat.com 858-455-3141
  o Previous Participant Contact: Jamie Warburton fancymac@mit.edu
  o US Citizen: No
  o Undergraduate/Graduate: Both
  o Additional Notes: N/A
Consulting Companies

- Shaw Group
  - Website: http://www.shawgrp.com
  - Announcement Date: N/A
  - Deadline: Rolling
  - Professional Contact: Debra Richert debra.richert@shawgrp.com
  - Previous Participant Contact: Ashley Finan finana@mit.edu
  - US Citizen: No
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

- Bechtel
  - Website: http://www.bechtel.com/careers/coop.asp
  - Announcement Date: Varies
  - Deadline: Rolling
  - Professional Contact: Shirley Harrison seharris@bechtel.com
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: N/A

Government Agencies

- Department of Energy
  - Website: http://www.dep.anl.gov
  - Announcement Date: Currently on website
  - Deadline: January 15, 2007
  - Professional Contact: Ann Young ann.young@hq.doe.gov
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - Additional Notes: See also http://www.doeminorityinternships.org for internships specifically for minority students
    - Contact: Paula Earle 703-440-2181 meispp@proxtronics.com

- Nuclear Regulatory Commission
  - Website: http://www.nrc.gov/who-we-are/employment/student-prog.html
  - Announcement Date: Varies
  - Deadline: Rolling
  - Professional Contact: Summer-Emp@nrc.gov
  - Previous Participant Contact: N/A
  - US Citizen: Yes
  - Undergraduate/Graduate: Both
  - 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: Varies
  o Deadline: Varies
  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: September 2006
  o Deadline: Varies
  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

• Institute for Defense Analyses
  o Website: http://www.ida.org/IDAnew/Employment/interns.html
  o Announcement Date: January 2007
  o Deadline: March 1, 2007
  o Professional Contact: resumes@ida.org
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Must be at least a junior
  o Additional Notes: N/A

• BWXT Y-12 National Security Complex
  o Website: http://www.y12.doe.gov/jobs/studentprograms/summerinterns.php
  o Announcement Date: Currently Posted on Website
  o Deadline: Rolling
  o Professional Contact: staffing@y12.doe.gov
  o Previous Participant Contact: N/A
  o US Citizen: Yes
  o Undergraduate/Graduate: Both

Nuclear Energy Policy/Lobbyist Organizations

• Nuclear Energy Institute
  o Website: http://www.nei.org/index.asp?catnum=2&catid=210
- American Nuclear Society
  - Announcement Date: Depends on internship
  - Deadline: Varies
  - Professional Contact: Alan Levin (department alum who 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

- Washington Internships for Students of Engineering
  - Website: [www.wise-intern.org](http://www.wise-intern.org)
  - Announcement Date: Currently Posted on Website
  - Deadline: December 31, 2006
  - Professional Contact: Alan Levin alevin@alum.mit.edu 301-841-1655
  - Previous Participant Contact: Tyler Ellis tyler9@mit.edu
  - US Citizen: Yes
  - 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: Varies
  - Professional Contact: On Website
  - Previous Participant Contact: N/A
  - US Citizen: Varies
  - 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: December 1, 2006
  - 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:
- Professional Contact: Susan Pepper [pepper@bnl.gov](mailto:pepper@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**
- Website: [www.gecareers.com](http://www.gecareers.com)
- Announcement Date: Depends on internship
- Deadline: Depends on internship
- Professional Contact: On Website
- Previous Participant Contact: N/A
- US Citizen: No F-1 visas (some exceptions)
- Undergraduate/Graduate: Both
- Additional Notes: N/A

### Undergraduate Research Opportunities Program

- Check with individual professors

**Special Graduate Program in Engineering for Systems Innovation (U. Tokyo)**
- Website: [http://www.q.t.u-tokyo.ac.jp/english/inter/](http://www.q.t.u-tokyo.ac.jp/english/inter/)
- Announcement Date: Currently posted on website
Deadline: January 4, 2007
Professional Contact: Ms. N. Kanzaki kanzaki@q.t.u-tokyo.ac.jp
Previous Participant Contact: N/A
Undergraduate/Graduate: Must have Bachelor’s degree
Additional Notes: This program is for a master’s or doctoral degree at the University of Japan. See the website for more information.

Links to a few other internship databases:

- http://www.aip.org/sj/job_menu.jsp
- http://phobos.physics.uiowa.edu/~clang/reu_info.html
- http://see.orau.org/AcademicStatus.aspx?type=Undergrad