

Internships and Summer Opportunities For MCDB, Chemistry, and Biochemistry Majors

Local, Area and State biotech companies. You can check these out to see if they have or would consider creating an internship:

LOCAL BIOTECH COMPANIES

Amgen, Thousand Oaks, CA <http://www.amgen.com/careers/campus.htm>
Baxter, Thousand Oaks, CA http://www.baxter.com/about_baxter/careers/college_relations
Biosource Int'l, Camarillo, CA <http://www.biosource.com/content/corpInfoContent/hrContent>
CardioMend, Santa Barbara, CA <http://www.cardiomend.com>
Dako, Carpinteria, CA www.dakousa.com
Hardy Diagnostics, Santa Maria, CA <http://www.hardydiagnostics.com/07list.html>
iGORi, Thousand Oaks, CA <http://www.igori.com/>
INAMED, Santa Barbara, CA <http://www.inamed.com/>
J.H. Biotech, Ventura, CA <http://www.jhbiotech.com/>
Mentor, Santa Barbara, CA www.mentorcorp.com
Naryx, Carpinteria, CA <http://www.naryxpharma.com>
VivoMetrics, Ventura, CA http://www.vivometrics.com/site/about_careeropps.html

PLACEMENT AGENCIES

Aerotek Scientific, Thousand Oaks, CA <http://sciences.aerotek.com/Default.aspx>
Kelly Scientific, Thousand Oaks, CA <http://www.kellyscientific.com>
LabSupport, CA <http://www.oalabsupport.com/home.faces>

REGIONAL BIOTECH LINKS

Southern California BioMedical Council: <http://www.socalbio.org>
Bay Area Bioscience Center: <http://www.baybio.org>
San Francisco: www.bio.com
San Diego: www.sdbiotech.org
U.S. Regions: www.biospace.com
Nationwide Biotech Calendar: <http://www.biotech-calendar.com>

CALIFORNIA BIOTECH COMPANIES

<http://www.biotechcareercenter.com/companies.html>

EXCELLENT BIOLOGY INTERNSHIP SITES

<http://www.rit.edu/~gtfsbi/Symp/summer.htm>
<http://www.urop.uci.edu/opportunities.html> - Click on "Off-Campus Opportunities."

Mega Sites for Biotechnology, Pharmaceuticals, Science, Medical & Healthcare

www.medzilla.com
www.jobscience.com
www.scijobs.org - American Association for the Advancement of Science
www.sciencejobs.com - New Scientist Magazine

Molecular, Cellular and Developmental Biology

These internships are focused on MCDB-related areas.

<http://research.ucsb.edu/undergrad>

Click on "Programs and Funding" for information about UCSB summer research positions.

<http://www.ltsc.ucsb.edu/urca>

UCSB's Undergraduate Research and Special Program. Click "Other Opportunities," then "Opportunity Alert," for summer research positions, post-graduate research, fellowship and scholarship opportunities.

<http://www.ascb.org>

The be-all, end-all site for summer internships in cell biology and related. American Society for Cell Biology. Comprehensive annotated list of national research and lab positions for all undergraduates.

<http://www.pepperdine.edu/seaver/natsci/surb/>

The biology department at Pepperdine University conducts a summer research program geared specifically to sophomore and junior levels. Students will pursue individual research projects under the direction of faculty. Due March 1, 2007. Must be available May 14-Aug. 1.

<http://www.columbia.edu/cu/biology/ug/intern.html>

Summer Internships in Biology. This site has tons of links throughout the nation.

<http://www.colostate.edu/Depts/NatSci/html/Internship2>

Links to internships in Biology/Chemistry/Biochemistry/Molecular Biology/Biomedical/Botany/Marine Sciences, etc...

<http://www.life.uiuc.edu/hughes/hurf>

The Howard Hughes Program at the University of Illinois has accumulated an extensive database of research opportunities available at institutions and organizations around the country. Check it out!

<http://www.bayerjobs.com/recruiting/recruiting/internships/index.html>

The Bayer Corporation Internship Program is 4-6 months during the summer. There are numerous internship opportunities in foreign countries. The deadline varies, but best to apply before end of March.

http://www.cargill.com/careers/opportunities/cargill_opportunities.htm

Cargill Incorporated provides numerous internships very similar to that of an entry-level employee position. Submit your resume online or by mail. Deadline varies.

<http://student.ucsf.edu/summerprogram>

UCSF offers an Undergraduate Summer Research Training Program, Amgen Scholars Program, Molecular Biosciences REU. Deadline Feb. 1, 2007.

http://www.cbs.umn.edu/main/summer_research/

University of Minnesota LSSURP. A 10 week research program for undergraduates. Credit can be received for research. Program areas include: Independent Research, Aquatic Environmental Science, Introductory Neuroscience and Molecular Biology Laboratory. Deadline: Feb. 15, 2007.

https://www.scied.science.doe.gov/scied/sci_ed.htm

Research offered by the U.S. Department of Energy, Office of Science Education throughout the nation.

<http://reu.magnet.fsu.edu/>

Sponsored by the Center for Integrating Research and Learning at the National High Magnetic Field Laboratory. \$3,600 stipend is provided. Deadline: Feb. 16, 2007.

<http://www.aaas.org/spp/>

The American Association for the Advancement of Science has an internship. Contact: Administrative Associate, Science and Policy Programs.

<http://www.ornl.gov/orise/educ.htm>

The Professional Internship Program is sponsored by the Oak Ridge Institute for Science and Education for those interested in conducting research and doing laboratory work in numerous fields. Deadlines vary. Programs also available for recent grads.

<http://education.ca.sandia.gov>

Sandia National Labs offers laboratory experience for undergraduates. Apply online.

<http://www.lanl.gov/education/undergrad/>

Los Alamos National Laboratory has several summer internships in the bioscience with stipend. Undergraduate and post-baccalaureate opportunities. Apply online.

<http://www.science-jobs.org/>

Click on "Fellowships for Undergrads" for tons of links in the biology and biomedical areas.

<http://www.evergreen.edu/research/governmentinternships.htm>

Internships, Fellowships, and Scholarships.

<http://www.redcross.org/services/youth/ya/intern.html>

Paid and unpaid internships with the American Red Cross. Deadlines vary. Presidential Intern



deadline Jan. 31, 2007.

<http://www.bei.org/education/professional/wrhinterns.htm>
House Ear Institute William Randolph Hearst Lab Internships. Provides funding to undergrads conducting research. Preference given to lower-income and minority students.

<http://www.armanagement.org>
Academic Research Management provides professional development through research opportunities.

http://www.kellyscientific.us/web/us/ksr/en/pages/specialty_intern.html
Kelly Scientific Summer Internship Program. Places 200 undergrads in summer lab positions nationwide in the bio tech industry.

<http://www.mdibl.org/edulreu/reu2.shtml>
Internship at Mount Desert Island Biological Laboratory.

<http://paloalto.roche.com/careers/Internships.html>
Summer internship program at Roche Bioscience. Deadline Feb. 28, 2007.

<http://pharmweb.usc.edu/aaps/internships.html>
A website with lots of information about pharmaceutical internships at big firms like Abbott Laboratories, Amgen, Glaxo Wellcome, Johnson & Johnson, etc.

<http://www.alza.com>
A summer internship with ALZA Corporation in Palo Alto, CA.

http://www.baxter.com/about_baxter/careers/college_relations/index.html
Baxter - a world leader in technologies related to the blood and circulatory system offers a summer internship. Applications are accepted Jan 1- March 1st.

<http://www.bcm.tmc.edu/smart/>
9 week Summer Medical and Research Training program at Baylor College of Medicine, Houston, Texas. Stipend: \$4000. Deadline: Feb. 1, 2007.

http://grad.uchc.edu/internships/intern_desc.html
Summer research internships for students who have just completed their sophomore year and are interested in pursuing a Ph.D. in biological and biomedical sciences. \$3000 stipend. Deadline: Feb. 15, 2007.

<http://www.hsph.harvard.edu/sip>
Harvard's School of Public Health offers a 10-week biological research program for underrepresented undergrads during the summer. Stipend, travel, and housing provided. Deadline: Feb. 1, 2007.

<http://www.training.nih.gov/student/sip/index.asp>
The National Institute of Health is committed to biomedical research and training. Monthly stipends are available. More than 3,000 projects and over 800 students are hired to work. Deadline: March 1.

<http://www.urmc.rochester.edu/SCRC/sumprogs.htm>
The School of Medicine and Dentistry at the University of Rochester offers a Summer Training Program for undergraduate and medical students considering a career in research. Program is 10 weeks with weekly stipends of \$300. Deadline: Feb. 24, 2007.

<http://www.smdep.org/start.htm>
American Association of Medical Colleges. Summer Medical and Dental Education Program offered at 12 different sites across the country for college freshmen and sophomores. Six week program targets underrepresented and economically disadvantaged students. Deadline: March 1, 2007

<http://www.musc.edu/grad/summer/surp>
Summer undergraduate biomedical research internship at the Medical University of South Carolina. 10 week program with stipend. Deadline: Feb. 1, 2007. Must start internship by June 4, 2007.

<http://www.americanheart.org/presenter.jhtml?identifier=3013196>
Email for more information: research@heart.org
American Heart Association undergraduate student research program for students considering careers in biomedical research, esp. in cardiovascular and cerebrovascular areas. 10 week program in various laboratories throughout California, Nevada, and Utah to be completed between Jun1 and August 31, 2007. \$4000 stipend. Deadline: Feb. 1, 2007.

<http://www.mcw.edu/research/student/spur/Application.htm>
The Medical College of Wisconsin Summer Program for Undergraduate Research (SPUR) provides the opportunity for students to learn-first hand the potential of the biomedical sciences. Stipend of \$2,500 is provided. Deadline: Feb. 11, 2006

<http://www.meddean.luc.edu/lumen/DeptWebs/microbio/summer/details.htm>
Loyola University Chicago offers a 10-week research internship in microbiology or immunology at Loyola University. Stipend of \$3000. Deadline: Feb. 1, 2007. Runs from June 4-Aug. 10, 2007.

<http://hpap.syr.edu/spstate.htm>
List of approximately 80 programs for underrepresented minority students in the health professions field.

<http://cnup.neurobio.pitt.edu/undergraduate.cfm>

The center for the Neural Basis of Cognition University of Pittsburgh is offering a Summer Undergraduate Training Program. \$3000 stipend and housing. Starts May 29, 2007. Deadline Feb. 21, 2007.

<http://www.fhcrc.org/science/education/undergraduates/>

The Fred Hutchinson Cancer Research Center in Seattle offers a summer research internship for rising seniors. Apply as soon as possible. Runs June 18-Aug. 17, 2007. Deadline: Jan. 12, 2007.

<http://www.kumc.edu/pharmacology/internship/>

Summer Research Internship Program at Kansas University Medical Center in the Department of Pharmacology, Toxicology, and Therapeutics.

http://www.ciit.org/training_edu/undergrade.asp

The CIIT's Summer Intern Research Program in toxicology complements the classroom education with stipend. Deadline: March 1, 2007.

<http://www.jhsph.edu>

The Johns Hopkins University has several internships in the Environmental Health Sciences, Division of Toxicological Sciences.

http://web.ncifcrf.gov/Careers/student_programs/

The National Cancer Institute at Frederick provides undergrad internships.

<http://www.pfizerrdgrad.com/html/internships3.html>

Pfizer offers paid summer internships for students interested in bio and chem. Apply early. Submit a resume online. Nationwide openings, including La Jolla, CA.

<http://www.bms.com/>

Internship in Medicine for Minority Students by Bristol Myers Squibb Pharmaceutical Research Institute. Apply online: Must submit a resume.

<http://www.gene.com/genel/careers/college/internships/index.jsp>

Genentech offers paid summer internships. Deadline: Feb. 9, 2007.

<http://www.merck.com/careers/university/internships.html>

Paid internships usually lasting between 10-12 weeks.

<http://www.amgen.com/careers/campus.html>

Paid 10-12 week internships at Amgen. Apply between January-April.

<http://www.medicine.uiowa.edu/biosciences/summer/programs.asp>

University of Iowa Biosciences. Various summer undergrad research programs.

<http://www.research.louisville.edu/students>

Provides several good links to "Undergrad Summer Research Opportunities" and "External Research Opportunities for Undergraduates."

<http://www.bucknell.edu/x13974.xml>

Biomedical Engineering and biomedical research internship links.

<http://www.cdc.gov/hrmo/intern.htm>

Center for Disease Control. Research and fellowship opportunities for students interested in biomedical research.

<http://www.training.nih.gov/student/index.asp>

National Institutes of Health scholarships to disadvantaged students committed to careers in biomed research. Paid employment in NIH research labs during summer or after graduation. Deadline: March 1, 2007.

Tips for Internships in Biology

If you are uncertain about the type of internship you want, check the Biology website at http://career.ucsb.edu/students/career_planning/CareersByMajor.html. Use the web sites listed under "General Career Information" to do some preliminary research on biology careers. Ask yourself: "What do I want to accomplish through this experience?" "What career areas do I want to know more about? What skills do I enjoy or want to develop further? What type of organization interests me (i.e., bio-medical, biotechnical, conservation, ecology or marine sciences)?"

Once you have a field identified, look under "Internships." **START EARLY!** Some application deadlines are as early as December; many are in January and February.

For more options, explore sites listed under "Professional Organizations," "Major Employers," and "Job Listing.". Most professional organizations will have a student section and a jobs section. Both can be sources for internships. Employers listed under "Major Employers" and even those just listing jobs under "Job Listings" could also be potential sites for internships. For help getting started, attend Introduction to Internships, Resume Writing and Interview Skills workshops offered at Career Services every

