

1. On Campus Internship/ Research Experiences

1. **The New School Peer Health Advocates** <http://www.newschool.edu/student-services/health-services/wellness-and-health-promotion/peer-health-advocacy/> The New You is The New School's Peer Health Advocacy program advised by Wellness and Health Promotion staff. Volunteer student leaders with a passion for health develop programs and services for their fellow students. Working with each other and the health educators, these Peer Health Advocates (PHAs) receive training in health education, promotion, advocacy, and leadership skills. They may facilitate interactive health education programs in classes, residence halls, public spaces, and online or develop promotional materials and Web-based applications related to health themes. There are opportunities for specific training in health-related areas of personal interest.
2. **Social Justice and Civic Engagement Summer Fellows: 4-6 per year. See the SJ Thursdays 10:00am.** <http://www.newschool.edu/lang/academics.aspx?id=70180>
3. **Interdisciplinary Science Summer Fellows or REU with Faculty: Pending financial support**
 1. Science Education (Bhawani Venktatarman, Katayoun Chamany)
 2. Math Education and Math Research (Jennifer Wilson)
 3. Information Design and Science (Katayoun Chamany)
 4. Environmental Health and Community (Ivan Ramirez)

2. Training Programs, Conferences, and Experiences for Graduate School

1. **IRT:Institute for Recruitment of Teachers:** This program is designed to support students interested in obtaining a PhD and going to promote social justice and diversity in academia. The program offers consulting and workshops on graduate school applications and reduced application fees. <http://www.andover.edu/mediagallery/irt/pages/default.aspx>
2. **Graduate School Expos: Info Sessions. Check the site of the programs of interest**
 1. **U Mass** <http://www.umass.edu/ice/gradpreview.html>
 2. **Columbia University has many.... Good to attend just to learn about grad school GEM GRAD: Getting Ready for Advanced Degrees (GRAD) Lab Listing of Upcoming Workshops**<http://www.gemfellowship.org/> . There is usually an event in the fall at Columbia University. Assistant Dean Palm has a listserve for this event fred.palm@columbia.edu
3. **PREP Program Science Undergrads from underrepresented minorities (can include women; lower SEC)** <http://www.nigms.nih.gov/research/featuredprograms/Minority/Special/PREP/>

Example: Tufts University Sackler Biomedical Science Post Bac Research

Internship: The Post-Baccalaureate Research Program (PREP) at the Sackler School offers 1 to 2 year research apprenticeships for recent graduates who are interested in pursuing research careers in the biomedical sciences. The PREP is designed to increase

the training possibilities for those currently under-represented in biomedical science research and includes but not limited to, African-Americans, Hispanics, Native-Americans, people with disabilities and members of groups that are economically or socially disadvantaged. If you are curious about biological phenomena, enjoy your science and mathematics classes and have a passionate interest in making discoveries, this is the program for you. Generally, training begins July 1, but it can be adjusted individually to a date as late as September

1. <http://www.hsc.unt.edu/Sites/PREPARE/index.cfm>

4. **Environmentally related programs:** A comprehensive list http://www.smith.edu/env/resources_graduate.php

5. **National Institutes of Health** <https://www.training.nih.gov/student/Pre-IRTA/previewpostbac.asp>

1. **The Postbaccalaureate Intramural Research Training Award (IRTA)** IRTA is a biomedical research program that enables eligible recent college graduates who are planning to apply to graduate or professional school to spend one or two years working with investigators at the NIH.
2. **The NIH Academy** a year-long biomedical research program (renewable for a second year) at the NIH for eligible recent college graduates who (1) are planning to apply to graduate or professional school and (2) wish to pursue an interest in domestic health disparities.
3. **The Technical IRTA Program:** Technical IRTAs are college graduates who come to the NIH with the express interest of developing their skills as research support personnel.

6. **NEW Intrdisciplinary Graduate Programs**

1. **STEAM: STEM + Art and Design**

1. Nature Magazine Sept , 2011. <http://www.nature.com/naturejobs/2011/110915/full/nj7364-359a.html>
2. SEED Article on the Art of STEM... STEAM... http://seedmagazine.com/content/article/the_art_of_science_learning

2. **NETWORK**

SCIENCE http://www.noozhawk.com/article/new_grad_program_dives_into_emerging_fields_of_big_data_and_network_science

3. **Local Seminars :** See Departmental Seminars at NYU, Columbia, Yeshiva, Einstein, etc. to meet people and explore labs of interest
4. **REUs/ Internships/ Preparation (see individual faculty and postings for each area)**

1. **Local Seminars** :See Departmental Seminars at NYU, Columbia, Yeshiva, Einstein, etc. to meet people and explore labs of interest
2. Check out this link to important learning at the lab bench . . . a must for those interested in research http://www.ascb.org/index.php?option=com_content&view=article&id=573&Itemid=341

1. Fear as an instrument in the research tool kit
2. When to give up on an experiment
3. Hot ideas: Keep quiet or tell others?
4. Being a great follower
5. Experiments you do alone on Sunday mornings

5. COS:Community of Science Database Funding Opportunities

COS Funding Opportunities is one of the largest most comprehensive grants databases available to research institutions. The database identifies funding opportunities, public and private grants, and fellowships, and can be searched by region. Advanced functions include, saving searches and setting up targeted email alerts. This electronic resource is now available to all New School faculty, students, and staff through the library's website or my.newschool.edu. It can also be accessed directly from any New School computer by visiting fundingopps.cos.com or just using google.

6. Job Opportunities

1. **NEWSY.com.** <http://www.newsy.com/management/> See the We Are Hiring Link. Always looking for news and video contributions.
2. **NYAS Opportunities for events, seminars, careers, but also jobs..** in Science Writing Social Justice etc. See the Science Alliance and Science Across Borders and Science in the City <http://www.nyas.org/AboutUs/Careers.aspx>

7. Study Abroad: Languages and Science

1. OTS: Cost Rica Global Health Semester, Tropical Biology Summer etc. <http://ots.ac.cr/>
2. Semester at Sea: lab experiences <http://www.semesteratsea.org/>

8. Professional Societies with undergraduate arms

Many organizations and professional societies offer opportunities for undergraduates to participate in poster sessions, volunteer at meetings, and have graduate school mentoring sessions. Here are two major ones, but subdivisions such as the ASCB, ASM, and others have more.

3. AAAS <http://www.aaas.org/careercenter/undergraduates.shtml>
4. CUR <http://www.cur.org/>
5. SCANAS for undergraduates from underrepresented minorities <http://sacnas.org/>

9. Conferences and Undergraduate Research Journals

Conferences are a wonderful opportunity to share your hard work, creativity, and insight with the larger research community. They often have sessions with graduate schools as well. As you develop an independent project, discuss with people in the field an appropriate venue to share your work in progress via a poster, or your completed work via a paper or exhibition. A list of some conferences geared towards undergraduates is below, but each field and professional society offers something along these lines, so inquire with those in the field. Past IS majors have presented their work at Harvard, SUNY Buffalo, Tarrytown BioPolitics Conference, The World Stem Cell Summit, The National Center for Science Case Study Teaching, and The Urban Health Conference

1. **The Art & Science Student Run Journal** <http://www.artandsciencejournal.com> Established in December 2011, Art & Science Journal is a biannual student-run publication and website devoted to art concerned with science, nature and technology. Art & Science Journal focuses on the wonder that occurs when fields collide and includes Photo Friday Column. There are also professional organizations/ journals :Leonardo, ArtSci, and more.
2. **Undergraduate Research Conference on Human Sciences-** conference update will come soon, but look at back issues of the journal and the conference from the past.http://www.kon.org/urc/undergrad_research.html
3. **National Undergraduates Research Conference** <http://www.ncur.org/> (Jan deadline University of Wisconsin)
4. **General listing of Undergraduate research conferences and journals.** <http://upd.mercyhurst.edu/>
5. **International Conference on Urban Health:** <http://www.icuh2009.com> (April 1st deadline)
6. **AAAS Conference . Volunteer or attend this conference.** <http://www.aaas.org/meetings/>
7. **PHANYC: Three Annual Conferences and the 8th Annual Health Leadership “Aha!” Conference is for your public health leaders and others target other levels.** <http://www.phanyc.org/events/past/>
8. **Goldman Student Merit Award Competition for student papers dealing with public health in New York City.** \$200 award and recognition/ competition fosters a student involvement in professional public health activities and promotes critical thinking on important health issues. Papers may cover contemporary or historical topics relating to public health issues within NYC or having a direct relevance to NY. Papers can report student-conducted research, policy analysis, or original thought on an important public health problem. The competition is open only to students enrolled in a health professional undergraduate or graduate program during the 2012-2013 academic year or summer sessions in 2012 or 2013, and not those who graduated in previous years. No more than 20 double-spaced pages and must be the product of student-only work. Submissions should include a cover letter specifying school, program, name and instructor for whom the paper was originally submitted. The paper itself should be blinded -- it should contain no information identifying the student, professor, or school. Please e-mail submissions to goldmannaward@phanyc.org by Aug. 1, 2013.
12. **PLEASE See the BIOHEALTH SOCIETY LANG SITE for updated events, programs symposiums targeting undergrads and also how to write request a letter of rec, how to write a statement and more on REUs, post Bac and career options. There is also a blog of your peers, announcements of news and events, calendar of events, and biographies of alumni with email addresses**