

2015 Summer Science Internship

Deadline: Friday, February 20, 2015

The Summer Science Internship Program provides twelve (12) outstanding students with the opportunity to work in leading research and clinical laboratories under the supervision of respected scientists at Stanford University and the University of California, San Francisco (UCSF).

Goal: Through this internship students receive hands on experience in the fields of rheumatology and immunology, with a focus on arthritis and related autoimmune diseases. Interns participate in either basic laboratory (bench) research or clinical translational/epidemiological (patient outcomes oriented) research. This program is designed to encourage gifted students to pursue a career in scientific study and research with an ultimate goal of inspiring them to focus their research potential on arthritis and related autoimmune diseases. Many graduates of the Summer Science Internship Program have gone on to pursue successful careers in the fields of medicine and/or scientific research.

Date: The internship will run from **June 15 to August 6, 2015**. Interns will be expected to work approximately 40 hours per week for 8 weeks.

Internships: The 2015 internships are located at Stanford University and the UCSF. Depending on the location, the internship can focus on basic laboratory (bench) research or clinical epidemiological /translational (patient oriented) research. All qualifying applicants will be considered for internships at both locations. While every effort will be made to accommodate applicant preferences, ***all internship assignments are final.***

The Stanford University internship offers experience in basic laboratory (bench) research only. This internship is only opened to high school juniors and seniors.

The UCSF internship offers experience in basic laboratory (bench) research **OR** clinical epidemiological/translational (patient oriented) research. This internship is opened to high school juniors, seniors, and college undergraduates.

Poster & Final Paper: A joint poster session will be hosted by Stanford University on Thursday, August 6, 2015. All interns are required to prepare and present a poster. The poster will reflect the work the intern accomplished over the eight (8) week internship.

At the conclusion of the internship, each participant will submit a brief (2 page) paper to the Arthritis Foundation, summarizing their experience. Interns will not receive the second half of their stipend until their final paper has been received by the Arthritis Foundation.

Stipends: Stipends will be paid in two installments, half at the beginning of the internship and half after the completion of the eight (8) week internship upon receipt of the final paper by the Arthritis Foundation.

High school junior or senior will receive:	\$1,500 total
Undergraduate will receive:	\$2,000 total



Application: You must complete application online:
<http://SummerScienceInternship.kintera.org/overview>

Supplemental Materials: Supplemental materials such as reference letters (3), transcripts and test scores must be submitted via email. Email address is: AFSummerScience2015@gmail.com.

Letters of Reference: Please submit with your application three (3) letters of reference from faculty or teaching assistants from your current or previous schools, supervisors or other community members. Reference letters submitted by email must be on official letterhead and attached as a PDF or scanned. **Hard copies not accepted.** The letters can be email to AFSummerScience2015@gmail.com, the applicant's full name **must** be stated on the subject line.

Transcript Requirements: HARD COPIES NOT ACCEPTED

- High School Level: most recent transcript (**unofficial copies are acceptable**).
- Undergraduate Level: most recent transcript (**unofficial copies are acceptable**). First year undergraduates should include a high school transcript as well.

Standardize Test Scores: HARD COPIES NOT ACCEPTED

- High School Level: PSAT, SAT or ACT scores (**unofficial copies are acceptable**).
- Undergraduate Level: no standardize test scores are required.

Age Restrictions: All applicants must have reached their **17th birthday by June 1, 2015.**

ABSOLUTELY NO EXCEPTIONS. Applicants who will be under 18 years of age on June 1, 2015 must also provide the written permission of a parent or guardian to participate in the program (see application form).

Geographic Limitations: Applicants for this program must either live or attend school within the Northern California 16 county territories, **NO EXCEPTIONS.** These counties are:

Alameda	Lake	Napa	Santa Clara
Contra Costa	Marin	San Benito	Santa Cruz
Del Norte	Mendocino	San Francisco	Solano
Humboldt	Monterey	San Mateo	Sonoma

Housing & Transportation Restrictions: *No housing or transportation is provided. All interns are responsible for their own housing and transportation.* Please be prepared to make whatever housing and transportation arrangements are necessary to complete the internship.

STUDENTS MUST BE U.S CITIZENS OR PERMANENT RESIDENTS WITH A GREEN CARD TO APPLY!

Deadline: *All applications and supporting materials* must be **received** electronically by the Arthritis Foundation by **5:00 p.m. Friday, February 20, 2015. HARD COPIES WILL NOT BE ACCEPTED!**



Notifications: Selected applicants will be notified by email on **April 3, 2015**.

Applicants who have been waitlisted will be notified of their final status by email on April 17, 2015.

Application Evaluation: A subcommittee of the Arthritis Foundation, Northern California Office Medical & Scientific Committee reviews each of the more than 300 applications for the twelve Summer Science 8-week internships sponsored by AFNCC each summer at Stanford University and University of California San Francisco Medical Centers.

The sub-committee is co-chaired by Dr. William Robinson of Stanford and Dr. Mary Nakamura of UCSF. Both are widely respected researchers and clinicians in rheumatology and each is a member of the faculty at their university. The sub-committee includes up to 4 additional members who are also trained researchers at UCSF or Stanford and are MD and or PhDs in the field.

All applications are read and competitively scored by the sub-committee. The review takes into account the students' academic record of scientific rigor and overall success. The applications are also judged based on the students' mastery of scientific principles, their letters of recommendation, and their responses to the questions. The intern finalists are chosen based on the recommendations of the committee and assigned to one of twelve labs. There is an effort to select students representing different parts of the Bay area and different schools.

For more information, please email: AFSummerScience2015@gmail.com.



Summer Science Internship 2015 Program Application

(Please type or print clearly)

Name: _____ DOB: ____ \ ____ \ ____

Address: _____

City/State: _____ Zip: _____ Phone: _____
Day

Email address: _____

Are you or another member of your immediate family living with arthritis? Yes No Prefer not to answer

Name of school: _____ Year of Graduation _____

School address: _____ City/State _____ Zip _____

Cumulative GPA: High School _____ Undergraduate: _____

High School Students only, please provide a PSAT, SAT or ACT score: _____

The Summer Science Internship Program does not provide interns with housing or transportation. At which internship location(s) can you arrange your own housing and transportation?

____ University of California, San Francisco ____ Stanford University ____ Both Locations

The Stanford University Internship offers experience in basic laboratory research only. The UCSF Internship offers experiences in both basic laboratory research and clinical research. Please rank your preferences below. Use "1", "2" or "3" to designate your preferred choices, leave a choice blank if you do not wish to be considered, use the same number to indicate choices that are equally desirable. While every effort will be made to accommodate applicant preferences, **all internship assignments are final.**

____ Basic Laboratory Research (bench) ____ Clinical Translational Research (patient oriented)
____ Clinical Epidemiology Research (patient oriented)

Please answer the following questions. You will be evaluated on your answers. Each answer should be no more than 150 words.

- 1) The Arthritis Foundation Summer Science Internship Program is committed to increasing diversity in the fields of rheumatology and immunology. Please describe how your inclusion in the program would increase diversity.

- 2) Please describe why this experience in basic or clinical research would be meaningful for you and how it will relate to your long term career goals.

- 3) Please list your most important extracurricular or community activities, hobbies, and interests. What skills have you developed through these activities and interests that will assist you in this internship?

- 4) What is the most important thing you would contribute to this program?



All applicants must be 17 years of age by June 1, 2015 – **ABSOLUTLEY NO EXCEPTIONS.**

Applicants under 18 years of age as of June 1, 2015 must have parent or guardian sign below.

As parent/guardian for the applicant named above, I hereby give my permission for him/her to participate in the Summer Science Internship Program.

Signature: _____ Date: _____
(Typing your name on the signature line constitutes a digital signature)

Relationship to applicant: _____

2015 Summer Science Internship Program Timeline

- Dec. 1:** Application for the Summer Science 2015 Internship becomes available through Arthritis Foundation website (<http://arthritis.org/northern-california>) and Summer Science Internship website: (<http://SummerScienceInternship.kintera.org/overview>)
- Feb. 20:** Deadline for receipt of student electronic applications. **HARD COPIES NOT ACCEPTED!**
Applications must be received by 5 pm. Applicants **must** submit application:
- Online: <http://SummerScienceInternship.kintera.org/overview>
- April 3:** Arthritis Foundation notifies applicants of their status via email. Accepted applicants sent W9 Forms.
- April 17:** Deadline for chosen applicants to accept or decline internship. Accepting applicants must return completed W9 Forms.
- April 20:** Alternates notified of final status. Accepted alternates sent W9 Forms.
- April 27:** Deadline for alternates to accept/decline internship position. Accepting alternates must return completed W9 Forms.
- May 8:** Deadline for Universities to contact students with their assignments.
- May 22:** Deadline for students to have made contact with lab Principal Investigators.
- June 15:** Internships begins.
UCSF interns receive first half of their stipend.
Stanford will handle stipend payment for their interns.
Payment contingent upon receipt of W9 Form.
- Aug. 6:** Summer Science Poster Session at Stanford University (required).
- Aug. 6:** Internship ends. Students prepare their final paper summarizing their experience (~2 pages).
- Aug. 13:** Interns submit final paper (~2 pages) to the Arthritis Foundation.
UCSF interns receive second half of their stipend, contingent upon receipt of their final paper.