



2011 Summer Science Internship

Deadline: Friday, February 25, 2011

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 13 to August 5, 2011**. Interns will be expected to work approximately 40 hours per week for 8 weeks.

Internships: The 2011 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 4, 2011. All interns are expected 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 and the 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: The enclosed application must be filled out completely and directions followed carefully. Applicants must submit **all** supporting materials with the application in a **single email** (with the exception of reference letters) or a **single envelope** (including reference letters) by **February 25, 2011**. Incomplete packets will not be considered.

Letters of Reference: Please submit with your application three (3) letters of reference from faculty members of your current or previous schools. Letters submitted by email must be on official letterhead and attached as a PDF or scan. References can email these letters to AFSummerScience@gmail.com with the applicant's full name in the subject line. Letters of reference received by mail should be collected by the applicant and sent together in one envelope with any additional application materials. All letters of reference not sent by email should be on official letterhead, sealed in their own envelope and have a stamp or signature across the seal.

Transcript Requirements:
-High School Level: most recent transcript (unofficial copies are acceptable) and PSAT, SAT or ACT scores.
-Undergraduate Level: most recent transcript (unofficial copies are acceptable). First year undergraduates should include a high school transcript as well.

Age Restrictions: All applicants must have reached their **17th birthday by June 1, 2011- ABSOLUTLY NO EXCEPTIONS**. Applicants who will be under 18 years of age on June 1, 2011 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 Chapter's 16 county territory. 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

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.

Deadline: **All applications and supporting materials** must be **received** by the Arthritis Foundation by **5:00 p.m. Friday, February 25, 2011**.

Notifications: Selected applicants will be notified by email and mail on April 5, 2011. Applicants who have been waitlisted will be notified of their final status by email and mail on April 22, 2011.

Submission: Applications can be submitted via email (preferred) or mail.

Email (preferred):
AFSummerScience@gmail.com

Mailed (not preferred):
Beth M. Miller
Summer Science Internship Program
Arthritis Foundation, Northern California Chapter
657 Mission St., Ste. 603
San Francisco, CA. 94105

To request information call 415-356-5483 or email bmiller@arthritis.org.



Summer Science Internship 2011 Program Application

(Please type or print clearly)

Name: _____ DOB: ____ \ ____ \ ____

Address: _____

City: _____ Zip: _____ Day
Phone: _____

Email address: _____

Name of school: _____ Year of Graduation _____

School address: _____ City _____ Zip _____

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. 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)

On a separate sheet of paper, please type your answers to the following questions. Each answer should be no more than 100 words.

- 1) Please describe why this experience in basic or clinical research would be meaningful for you.
- 2) Please list your most important extracurricular or community activities, hobbies, and interests.
- 3) What are your long-term personal and career goals and how would the internship experience enhance those goals?
- 4) What is the most important thing you would contribute to this program?

All applicants must be 17 years of age by June 1, 2011 – **ABSOLUTELY NO EXCEPTIONS**. Applicants under 18 years of age as of June 1, 2011 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: _____

Deadline for receipt of applications is 5:00 p.m. Friday, February 25, 2011

Email (Preferred):
AFSummerScience@gmail.com

Mail: Beth M. Miller
Summer Science Internship Program
Arthritis Foundation, Northern California Chapter
657 Mission Street, Suite 603, San Francisco, CA 94105



2011 Summer Science Internship Program Timeline For Interns

- November 1: Applications for Summer 2011 become available. Applications are available through Arthritis Foundation website, Summer Science Internship Facebook page, internship websites and local high school and college career services departments.
- February 25: Deadline for receipt of student applications.
Applications must be received at the Arthritis Foundation Office by 5 pm
Email (preferred): AFSummerScience@gmail.com Mail: Arthritis Foundation
Northern California Chapter
657 Mission Street, Ste. 603
San Francisco, CA 94105
- April 1: Summer Science Selection Committee selects 12 interns and 6 alternates.
- April 5: Arthritis Foundation notifies applicants of their status via email and mail.
- April 19: Deadline for chosen applicants to accept or decline internship.
- April 22: Alternates notified of final status.
- April 29: Deadline for alternates to accept/decline internship position.
Interns sent W9 by email.
- May 6: Deadline for Universities to contact students with their assignments.
- May 13: Deadline for students to have made contact with lab Principal Investigators.
- May 31: Deadline for interns to return completed W9 Forms.
- June 13: 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.
- August 4: Summer Science Poster Session at Stanford University.
- August 5: Internship ends. Students prepare their final paper summarizing their experience (~2 pages).
- August 15: 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.