

Welch Scholarship Procedure and Conditions

Full details and application forms are available on the IUVSTA web site (www.iuvsta.org). There is no more than one Scholarship each year. The deadline for applications is usually March 15.

The scholarship is offered to a promising scholar who wishes to contribute to the study of vacuum science techniques or their application in any field. The scholarship is awarded to encourage international cooperation by making it possible for the winner to spend time in a research lab in another country.

Applicants must make arrangements for the proposed research program with a laboratory of their choice. Because of the international nature of the scholarship, strong preference will be given to applicants who propose to study in a foreign lab in which they have not yet studied. A document outlining the research program and signed by the supervisor in the laboratory where the research is to be carried out must be submitted with the application to indicate the agreement of the laboratory and the proposed supervisor to your studies.

Candidates for the scholarship should have at least a Bachelor's degree; and be within a year of receiving a Ph.D. degree and not more than 2 years beyond receiving a Ph.D.

Candidates will be informed of the results of their applications as soon as possible but probably before the end of June.

The successful candidate must produce satisfactory evidence (preferably in the form of examination certificates, etc.) of reasonable fluency either in the language of the country where he/she will work during the tenure of his/her scholarship or in English.

Conditions of the Scholarship:

The scholarship must be used within a one-year period starting with the approval notice. The length of study (at least 3 months and no longer than one year) is dependent on the cost-of-living at the host institution, the education level of the applicant (pre- vs post PhD), and the availability of other funds. The length of time and conditions must be specified in the letter from the host institution which accompanies the final application. In the case of a delay of more than three months in reference to the submitted plan, another candidate may be chosen. The laboratory where the candidate wishes to work must approve any delay in the commencement of work.

The amount of the Scholarship will be approximately \$15000 U.S.; the current value is given on the IUVSTA web site. The scholarship holder is encouraged to seek funds in addition to the scholarship.

The scholarship money is paid in three instalments -- one of \$7,000 at the beginning, another of \$7,000 half-way through the period, and the remainder upon delivery of a final report after completion of work. A brief mid-term report is required before payment of the second instalment.

Note:

Researchers who applied *unsuccessfully* for previous Welch Scholarships may apply again for a subsequent Scholarship.

Applications for renewal of the Scholarship are not accepted.

Welch Scholarship Schedule

This is a tentative schedule so far as the dates are concerned. Actual dates will be published on the web site (www.iuvsta.org)

25 September	Awards & Scholarship Committee	The Awards & Scholarship Committee requests donation by M.W. Welch-Bro family to start proceedings for next scholarship. This follows IUVSTA Executive Council Meeting at which full report on the Welch Foundation has been given.
1 November	Awards & Scholarship Committee	The relay of Welch funds for the next student fellowship should be received. If not, communicate with the donor family.
15 November	Awards & Scholarship Committee	After funds have been received in the AVS account, circulation of announcements will start. The announcements are for the Scholarship which will begin in the following year and are for up to one year. The national societies are advised to distribute the announcements within the national society and in their national scientific publications.
30 October	Awards & Scholarship Committee	Notice of the Scholarship may be relayed to appropriate scholarship directories during this time period.
15 Nov. – 15 Feb.	Chair of Welch Committee	Answering inquiries.

15 March	Chair of Welch Committee	Application deadline. The applications should be reviewed by the Chair of the Welch Committee for completeness. Receipt of the application should be acknowledged to the applicant.
15 April	Welch Committee	Each member of the Welch Committee is sent a set of applications for his review with a form letter which the Chairman will supply and which instructs the member on the rating system. A list of the current committee members and addresses will be supplied by the IUVSTA secretary.
1 June	Welch Committee	<p>Deadline for the Chairman to receive assessments from Committee members. Results of the assessment are forwarded to the Chair of the Awards & Scholarship Committee with a copy to the Secretary General.</p> <p>The Welch Committee Chairman informs the successful applicant stating that he has won the Scholarship and the payment modalities. At that time personal details (e.g. date of birth, citizenship, sex, passport number etc.) will be requested if a visa support letter is needed.</p> <p>The host laboratory will also be informed at the same time.</p> <p>As soon as acceptance from the successful candidate is received, the Chairman of the Welch Committee authorizes the AVS Treasurer to release funds of the Scholarship in 2 instalments. Also, upon acceptance by the successful candidate, the Chair of the Welch Committee informs the unsuccessful candidates, pointing out that a new competition will open in a few months.</p>
15 September (approximately)	Chairman of the Welch Committee	Financial Report. (The IUVSTA holds an Executive Council Meeting approximately in September or October of each year and the

financial status of the Welch accounts is usually reported at that time. Needed is an accounting of the monies on hand and the monies paid out to the student(s).)

New Welch Trustee. Normally at this Meeting of the IUVESTA Executive Council, the Chair of the Awards & Scholarship Committee will submit the name of a new Trustee replacing the Trustee completing his 4-year term.

Sept.-Oct. and
March-April
(approximately)

On these dates, the Awards & Scholarship Committee (ASC) Chairman will report to the IUVESTA Executive Committee on the Welch Scholarship. Further, the Chair of the Welch Committee is responsible for asking the successful candidate for a mid-term and final report for submission to the ASC Chairman.

The Secretary General The Secretary General will keep all archival files related to the Scholarship

Hosting Institutions

Applicants must make arrangements for the proposed research program with a laboratory of their choice.

There are many lists of laboratories that look for or accept visiting students and postdocs available on the internet. Another way is to contact foreign collaborators of the present research group. Your supervisor should be able to help. In addition, IUVSTA has assembled a short list of laboratories that might be looking Welch fellows.

Rating System Example

The 5 applications have been numbered alphabetically by surname at the top of the first page: 1 (Hale), 2 (Ofir), 3 (Shashurin), 4 (Tal) and 5 (Zhang). All 5 applicants have or expect to have completed their PhD prior to the time they would take up the scholarship. One of the candidates (Tal) is a previous applicant.

You should assign scores to each candidate (identified as candidate 1 (surname), candidate 2 (surname)....) as follows:

- a) Each candidate is given a score between 0 and 100, in increments of 10 (i.e. 0, 10.....90, 100).
- b) Your top selection must be given 100; the bottom selection 0
- c) No two candidates can be given the same score.
- d) You must give a score to each candidate; if you feel that you have a personal conflict in assigning the score to a particular candidate, you should indicate this, but you must give a score in any case.