

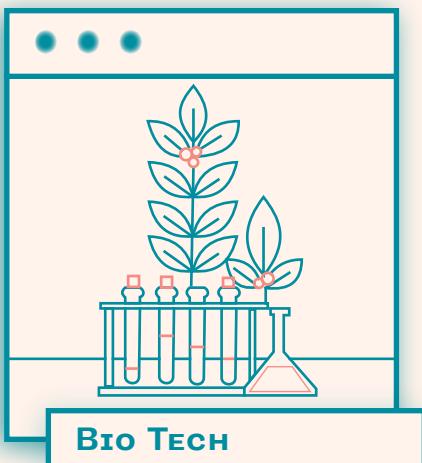
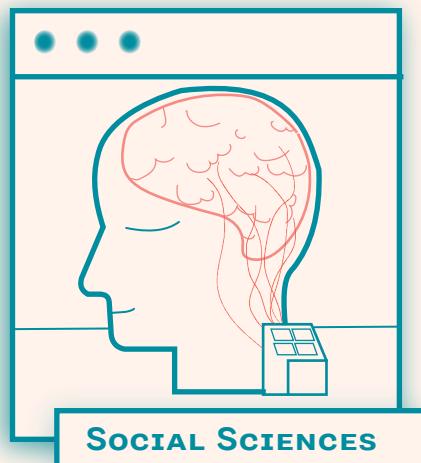
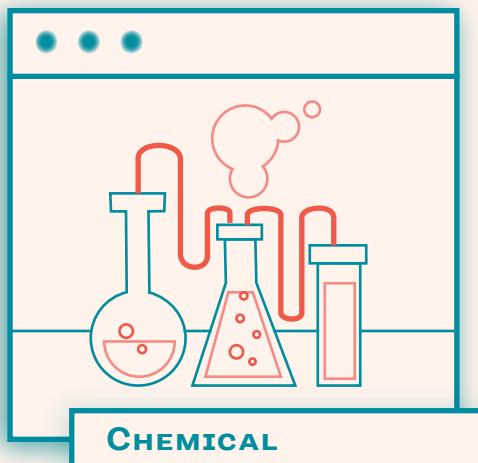
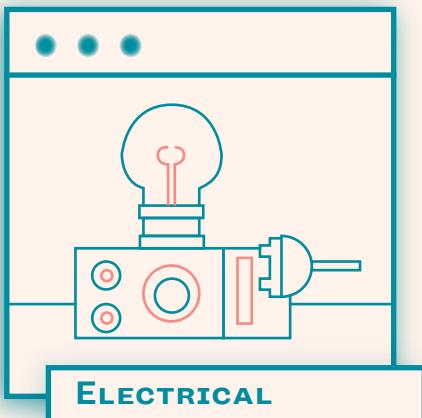
# Research Intern Booklet

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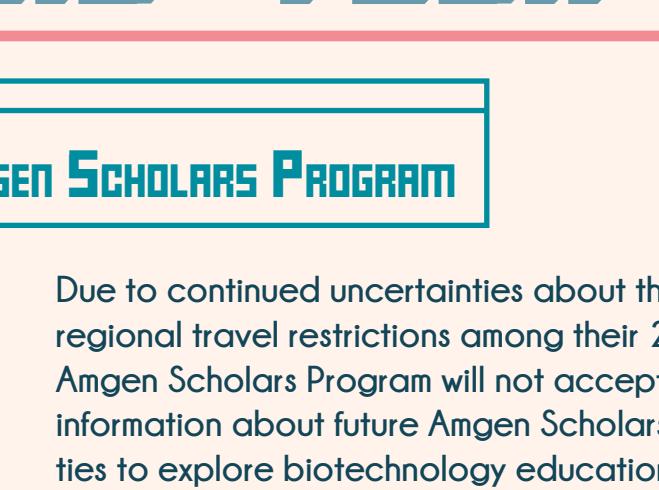
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A GUIDE  
FOR GETTING  
THAT INTERN  
FROM ONE  
INTELLECTUAL  
TO ANOTHER



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## Amgen Scholars Program

Due to continued uncertainties about the occupancy of laboratories and regional travel restrictions among their 24 host institutions going forward, the Amgen Scholars Program will not accept applications for summer 2021. More information about future Amgen Scholars program as well as other opportunities to explore biotechnology education and research remotely will be announced this coming spring.

### Eligibility:

Amgen Scholars Asia Program applicants must be undergraduate students who are:

- Enrolled in colleges or universities worldwide that award a bachelor's degree (or its equivalent)
- At minimum, have completed their first year of undergraduate study at the time the summer program begins
- Are not graduating before the summer program begins, and after the summer program ends will resume undergraduate studies for at least one semester or one quarter.

Asia Program applicants must also have:

- A strong record of academic performance
- A good working knowledge of English, demonstrated by a minimum TOEFL (iBT) score of 72, IELTS overall band score of 5.5, Cambridge English FCE, TOEIC score of 1095, TOEIC L&R score of 785, or TOEIC S&W score of 310, if not a native English speaker or English is not your first language
- An interest in pursuing a Ph.D.

### How to apply:

Each of the four host institutions in Asia has its own application process, but the application deadline for all is in early February.

FOR UNIVERSITY SPECIFIC GUIDELINES VISIT-

<https://amgenscholars.com/asia-program>

Asia Program Dates	PROGRAM DATES	APPLICATION DEADLINE
Kyoto University (Japan)	TBA, 2022 - TBA, 2022	February 1, 2022
National University of Singapore	TBA, 2022 - TBA, 2022	February 1, 2022
The University of Tokyo (Japan)	TBA, 2022 - TBA, 2022	February 1, 2022
Tsinghua University (China)	TBA, 2022 - TBA, 2022	February 1, 2022

### Kyoto University Timeline

Application period opens 3 p.m. on November 1, 2019

Application deadline 3 p.m. on February 3, 2020

Notification of results Early April 2020

Arrival (in Japan) June 8, 2020

Program period June 9 – August 8, 2020

Symposium (in Singapore) August 6 – August 8, 2020

Departure (from Singapore) August 9, 2020

### Documents Required

Online process, requires:

1. Statement of Purpose

2. Two recommendation letters

3. Official academic transcript of your college or university

4. English test scores

### Stipend

180,000 yen will be provided to Amgen Scholars.

Scholars will receive:

90,000 yen at the beginning of the program

90,000 yen in the middle of July

### Virtual/Onsite

For students from universities outside Japan

Airline tickets are provided for flights between the nearest airport to the student's university and Osaka/Singapore by the most direct and economical route.

All Amgen Scholars (excluding Kyoto University students) will be accommodated close to Kyoto University. The payment for accommodation will be made directly to the real estate agency by Kyoto University.

### NUS Documents Required

1. Resume

2. Good academic record demonstrated by University Transcripts

3. English proficiency

• demonstrated by a minimum TOEFL (iBT) score of 72

• IELTS overall band score of 5.5

• Cambridge English FCE

• TOEIC score of 1095, TOEIC L&R score of 785, or TOEIC S score of 310

You are also required to nominate a Faculty member to provide a letter of reference, the member must be currently involved in teaching one of the courses you are attending or a member who supervise your research project. There is no specific format for the letter, but it should be on a departmental/university letterhead including the referee's signature.

### Stipend

Stipend: SGD 6,000 for 8-week program.

Visa application fee will be covered.

The stipend covers all your living costs during your summer program such as local transportation, meals, etc.

### Virtual/Onsite

Accommodation: Accommodation will be arranged by the University.

Travel: Airfare to Singapore via the most direct economical route and economy class of up to SGD 500.

- Based locally in Singapore: SGD 500

- South East Asian Nations: SGD 1,200

- Asia and Oceania: SGD 1,500

- Europe; North and South America; Africa; Middle East: SGD 2,500

### How to Apply

Applicants need to visit the amgen scholars section of the respective institution and then upload the required documents for confirmation of selection by mail.

### University of Tokyo Documents Required

Photos, Resume, Academic Transcript, Proof of English proficiency required.

### Stipend

Stipend 250,000 JPY

The stipend should be used freely to budget for food and any personal trips during your stay in Japan and so on.

### Virtual/Onsite

Room: Near-campus accommodation

Travel Costs: The most economical and direct route and travel schedule will be stipulated based on the discussion between participants and the program office.

### Tsinghua University Timeline

Previous year dates:

Period: June 15 and ends on August 8, 2020 (8 weeks).

Deadline to apply: February 3rd, 2020.

Accepted applicants to the program notified from March to April.

### Documents Required

1. 2nd year or above

2. Cumulative GPA 3.2/4.0 or above

3. Minimum TOEFL (iBT) score of 78 or minimum band score of 6.0 on the IELT

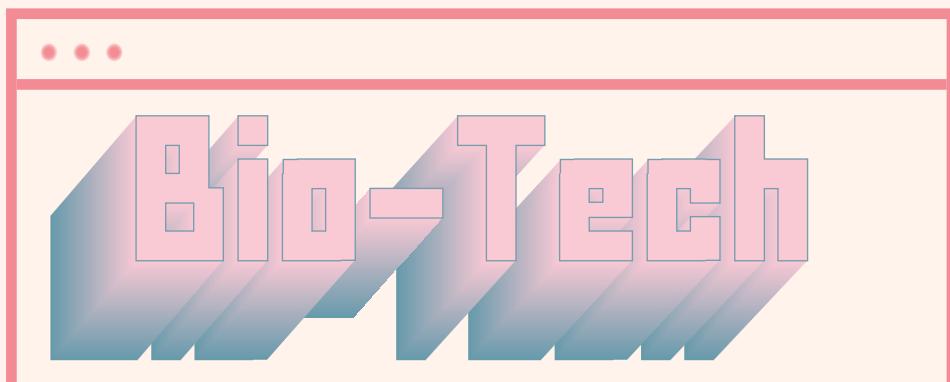
### Stipend

Round trip to Beijing, part of meal allowance and on campus hostel are covered + CNY 15000 stipend.

Taking extra jobs is not allowed.

Living in accommodation provided by the university is necessary.

Submission of a research paper to Tsinghua Amgen scholars program Director.



**HSCI HIP**

## **The Harvard Stem Cell Institute (HSCI) Internship Program (HIP)**

### **Eligibility**

The applicant must :

1. Be a continuing undergraduate student
1. Have a cumulative GPA of at least 2.5/4
3. Complete second semester or third quarter at your college or university
4. Not be under any disciplinary action.

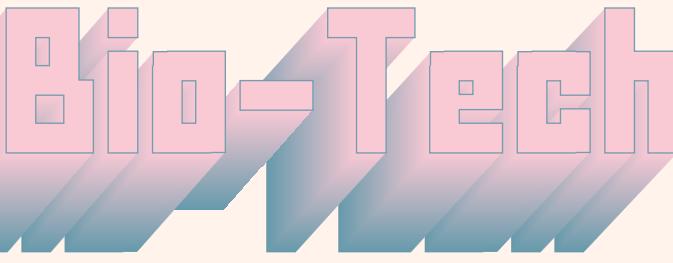
### **Timeline**

10 weeks program

### **Stipend**

Harvard University will sponsor the visas for international students who are selected for this program.

Due to ongoing COVID-19 pandemic, ASCI will not be opening the application cycle for HIP 2021. They ask all eligible candidates for this program to return to their site by December 2021 at which time they are expected to open the application cycle for Summer 2022. It is their plan to conduct a residential, in-person experience at that time.



## National Institute of Genetics (NIG), Japan Intern Program

### Eligibility

Applicants must be interested in life sciences and be in the pre-final year at the time of application. Students who are interested in enrolling in our PhD program at NIG are encouraged to apply.

### Stipend

NIG will cover costs of airfare, local transportation fares between airport in Japan and NIG, lodging in the institute's guesthouse, and travel insurance during the program. Allowance for meals (ca. 1,500JPY/day, subject to change) will also be provided.

### Result

The selected students will receive a notification from us by early March, 2021

### How to Apply

1. The online application system will open from November 26 to January 7, 2021 noon (JST)
2. After the registration, you will receive an e-mail with your password. Use this password and log into our online application page. Applicants are requested to enter "Letter of Motivation/ Self advertisement" and upload the following materials through the online application form.
  - \* Letter of Motivation / Self advertisement: Within 500 English words
  - \* Curriculum Vitae: In English. Includes education records starting from high school. Be sure to indicate your current academic year.
  - \* Scanned Academic Transcript: Scan and upload the latest undergraduate or post-graduate transcript that you can obtain
  - \* Two recommendation letters of your teachers must be entered by your recommenders through the recommender page of the online application system.
  - \* All interns will be giving an oral presentation on the scheduled day at the end of internship.
3. Internship (June 17 to July 28): Invited interns will stay at NIG Guest House, carry out a research project under the mentorship of a host investigator, participate in various activities such as lab visits, graduate program lectures, Japanese lessons etc. All interns will give an oral presentation on the scheduled day at the end of internship.
4. Early August: Submission of Assignments  
Submit an essay, a questionnaire and a stub of boarding pass of return flight or its (scanned or photo) copy by August 4.
5. There is a possibility that NIGINTERN2021 might be cancelled due to the unforeseen further spread of the COVID-19 outbreak. There may be some changes due to the Olympic Games held in Japan.



## Khorana Scholar's Program

### Eligibility

Undergraduate students who are:

- Indian citizens currently enrolled in a recognized Institute of Higher Education in India.
- Pre-final year students enrolled in B.Tech., M.Tech., B.Sc, MSc., B.E., M.E., M.S., Integrated B.S-M.S., B.V.Sc., M.V.Sc., B. Pharm., M. Pharm., MBBS., and Master in Medical Science and Technology (MMST) at recognized institutions of higher education in India in Biotechnology and allied areas (including agricultural, food, health, biomedical sciences and interdisciplinary areas like Computational Sciences, Big Data, Machine Learning etc.) completing their degrees on or after May 2021 are eligible to apply.

- Only those candidates who have a minimum of one year remaining for the completion of their course in India are eligible to apply
- Applicant should have CGPA of 8.0 or higher OR a percentage of 80% higher (or a minimum of 65% if the applicant is an MBBS student)

First Year, Final year and PhD students are NOT eligible to apply.

Applications in subject - fields other than those specified in the advertisement will not be considered.

### Timeline

Program dates: May-July 2020 (10-12 weeks)

Submission Date: 10 Nov 2019

### Documents Required

- Latest marksheets/ Transcript
- No- Objection Certificate
- 2 Letters of Recommendation (One from a teacher/tutor and the other from a supervisor under whose mentorship you completed a training/internship in any lab )

### Scholarship includes

Stipend

Health insurance

Round-trip Airfare

\*Other finances to be taken care of by the scholar.

### How to apply

- Register on the IUSSTF Online Application Portal for Visitation Programs at <http://49.50.81.218/visitation-program-for-indian-applicants.aspx>
- Verify your account using the link sent to your registered email id. Please check your spam/junk folders in case you do not receive mails from support@indousstf.org
- Complete the online application and upload scanned copies of latest marksheets, No-Objection Certificate & Two Letters of Recommendation.
- Supporting documents should be provided strictly according to the check-list mentioned in the application form.
- Candidates are advised to go through all the program information/instructions carefully before submitting the application



## Research internship to UNSW

### Eligibility

Applications are invited from Civil and Environmental Engineering students in countries outside Australia who have completed 2 or 3 years of study at undergraduate level. Masters students and students who have completed 4+ years of study may also apply.

### Timeline

The duration of the internship is 8 weeks.

### Stipend

Selected applicants will receive AUD 1800 per month (or fraction thereof) which will be provided as a two-weekly allowance.

Selected interns must bring with them sufficient money (about AUD 1000) to meet accommodation and living expenses as scholarship payment processing takes about 4 weeks. Candidates should arrange their own airfares, flights, and visas.

### How to Apply

To apply for the UNSW Research Intern Program, visit their official website. All documents including the completed application form need to be scanned (if necessary), zipped, and emailed to Associate Professor Adrian Russell at ([a.russell-at-unsw.edu.au](mailto:a.russell-at-unsw.edu.au))

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# Computer Science

## MPI-SWS Internship

### Eligibility

- Internships are open to Bachelors, Masters, and Doctoral students with a basic background in Computer Science (roughly, the first three years of a standard Computer Science Bachelor's program by the start of the internship) and an interest in CS research. Internship projects are customized to suit the backgrounds of individual interns.
- Students looking for Bachelor's or Master's thesis projects can also apply. The internship project can be converted to a thesis if the student's university allows.
- Applicants with diverse academic backgrounds and interdisciplinary interests, e.g. intersecting social science, economics, law, humanities, and others, are encouraged.
- Applications from individuals belonging to underrepresented groups in CS or other STEM fields are welcome.

### Timeline

Interns can apply all year round, but most of them prefer the summer months. A typical internship lasts 12 to 14 weeks, but longer internships are possible.

- For internships starting in May or June, apply by December 31 of the previous year
- For internships starting in July or August, apply by January 31
- For internships starting at any other time of the year, apply at least 4 months before your intended starting date

### Documents Required

You will need to provide your:

1. CV
2. Transcripts
3. A reference letter from an individual who is familiar with your academic abilities.

4. Contact information for at least one reference

5. An optional motivation letter

You can also optionally indicate faculty members at the participating institutes with whom you would like to work and the period during which you would like to intern.

### Stipend

• Selected applicants receive monthly stipends during their stay. They are provided free (shared) housing by the institute, and are reimbursed for their travel expenses to the institute.

• If you are selected for an internship and need a visa to come to Germany for your internship, the institute will provide you necessary documents to obtain the visa. However, it is your responsibility to apply for the visa in time through a local German consulate.

• If you are required to pay a visa fee, get in touch with the institute to know whether or not they can cover the visa fee.

The ongoing COVID-19 pandemic may prevent interns from traveling to host institutes right now. In such a case, the intern and the mentor may agree mutually to complete the internship remotely. The intern will still be paid the monthly stipend.

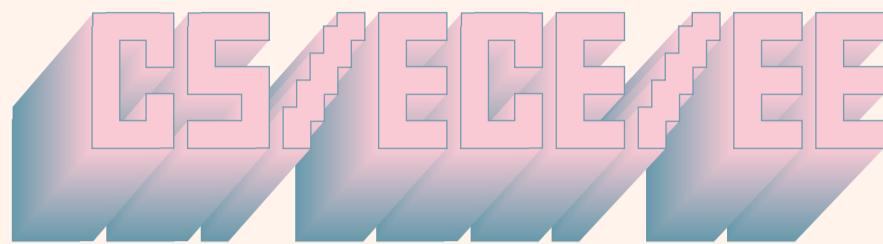
### How to Apply

Apply online at <https://apply.cis.mpg.de/register/internship>

Matching process: Research groups at participating institutes will review your application. During this period, you might be contacted for a phone interview.

Notification: You will be notified of the outcome of your application by email. If you are selected, you will also be put in touch with your assigned faculty mentor to finalize the exact dates of your internship and settle on an internship project.

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## IUSSTF-Viterbi School of Engineering USC Summer Program

### Eligibility

Indian students currently pursuing a Bachelors or Masters degree at recognized institutions of higher education in India.

Open to students of Electrical Engineering, Electronics & Communication Engineering, Computer Engineering and Computational Sciences.

The applicant should:

1. Have Grade Point Average (GPA) of 8.5 or higher (or equivalent of 3.5 GPA on a 4.0 scale);
2. Have percentage equivalent: 80% and higher
3. Be in their 3rd year of a four-year program/ 3rd or 4th year of a five-year program) or Master's degree (first year) at a recognized institution of higher education and learning in India.

### Stipend

Given the COVID- 19 situation and travel restrictions, the 2021 IUSSTF- Viterbi program will be implemented in complete virtual mode. Stipend (to cover contingencies including Network access, equipment, computing facilities etc).?????

### How to Apply

Candidates are encouraged to fill out the online application and upload scanned copies of latest mark sheet/transcript, No-Objection Certificate & 2 Letters of Recommendation.

Recommendation letters can be sent along with the application form. In case referees wish to give a direct/ sealed one, they have the following two options to send:

1. If applicant chooses email later for the recommendation letter and hit submit, the referee will get an email with a link to upload recommendation letter.
2. The referee may send it directly to [viterbi-india@indousstf.org](mailto:viterbi-india@indousstf.org) with applicant's full name in the subject line.



## Summer at EPFL

Three month fellowship at EPFL (Swiss Federal Institute of Technology), Lausanne

Fellowship recipients participate into the life of a research unit, typically to help solve problems which are usually part of major research efforts.

### Eligibility

Students enrolled in BSc, BTech, MSc, MTech, or equivalent programs in Computer Science, Computer Engineering, Telecommunications, or Electrical Engineering. PhD students are not eligible.

At the time of application, applicants must be enrolled in the 2nd year Bachelor or above (therefore, all applicants must have successfully completed at least their 1st year of the Bachelor's program).

Projects are offered competitively to students with excellent academic results.

### Timeline

Internship during a period between two and three months (possibly but not necessarily including the 2nd week of July), individually agreed with the hosting lab.

Usually between May to September (flexible).

Applications are received once a year (deadline on the Sunday closest to the 1st December, each year). The applications may open as late as a couple of weeks before the deadline.

### Stipend/Accommodation

Accepted students will receive a living allowance of CHF 1,600- per month (pro rata to the actual duration) and a refund of travelling costs (2nd class train ticket or low-cost/economy airfare).

In principle the student will be in charge of the accommodation. Yet, when offered a fellowship, the administrative personnel will almost invariably suggest a list of places.

### Application Details

Complete the form with the details of current institution and program (Master or Bachelor) when completing the fields. Students can select up to 3 domains in which the student would like to work with names of faculty he/she would want to collaborate with. (providing names of professors is optional)

Mail with a link will be received to upload three documents: a CV, your transcripts, and a letter of motivation.

Letters of recommendation are strictly not considered and hence are not entertained.

If admitted to the program after a first round of selection, candidate receives an offer by a faculty member within approximately 4-6 weeks from the deadline. At the end of the selection process, if not selected by faculty, a mail to inform of the closing of procedure will be received.

Post selection, follow all instructions mailed by EPFL for Visa etc.

Note: There is no list of predefined projects and therefore there is no way to choose a project in advance.

Projects are suggested by the faculty directly to admitted candidates and can be discussed directly.

Interests to be carefully filled as it plays major role in project and faculty selection.

# Material Science

## NIMS Internship program

### Eligibility

NIMS internship student must be an undergraduate/graduate student

### Timeline

Duration shall be up to 90 consecutive calendar days

Mid January to early February - Applications Accepted

Early March - Students determined

The announcement of the screening result will be provided by the NIMS researcher.

From mid March - The details and period of the training determined with the researcher.

April to March of the following year - Internship

### Documents Required

1. Designated form for NIMS Internship Program
2. CV
3. Student enrollment registration certificate
4. Official academic transcript

### How to apply

1. You can download from the website below.

<https://www.nims.go.jp/eng/hr-development/internship.html>

2. A diploma or certificate of masters degree is not considered as a student enrollment/registration certificate.

3. Only an official issue academic transcript is acceptable.

Doctoral and masters students are required to submit both undergraduate and graduate transcripts.

After receiving the application documents, the NIMS researcher will ask your university supervisor for a reference letter and contact you and your university supervisor for screening purposes. If the NIMS researcher agrees to be your prospective supervisor, the researcher will send application documents to the Graduate Program Office, NIMS.

### Financial Support

- Duration of NIMS financial supports: Maximum 90 days
- Content of financial supports:
- Daily Allowance (2560 yen/day)
- Accommodation Fee  
(Max. 79480 yen/month or 2649 yen/day)
- To get financial support, you should start the internship in April or beyond and end before March of the following year.
- A certificate will be issued after the final report is submitted.



## IISc : CeNSE

Starting from 2013, the centre conducts a training program every summer, for promising Undergraduate and Masters students from India and abroad, selected through a rigorous and competitive process. The training is primarily based on the facilities available at CeNSE, and covers a variety of research topics under the broad umbrella of nano science and engineering.

### Eligibility Criteria

Anybody actively enrolled in a degree program (UG/PG) will be eligible. If the student is graduating before the start of summer (May), he/she will not be eligible.

Application requirements and procedure :-

Every January the institute puts up online forms on its website for applying to the summer program. Post selection, the list of selected candidates is displayed. Last date to submit the application is 29th February 2020.

### Funding

- These internship positions are industry sponsored and the scholarship paid to the eligible candidates would be Rs 5000 per month of stay. No accommodations will be provided to the participants.
- You are expected to stay at the Centre for a minimum of 8 weeks. Requests for shorter internship periods will not be considered.
- You will be responsible for arranging your accommodation.
- An oral presentation would have to be made by you at the end of your stay.

### Timeline

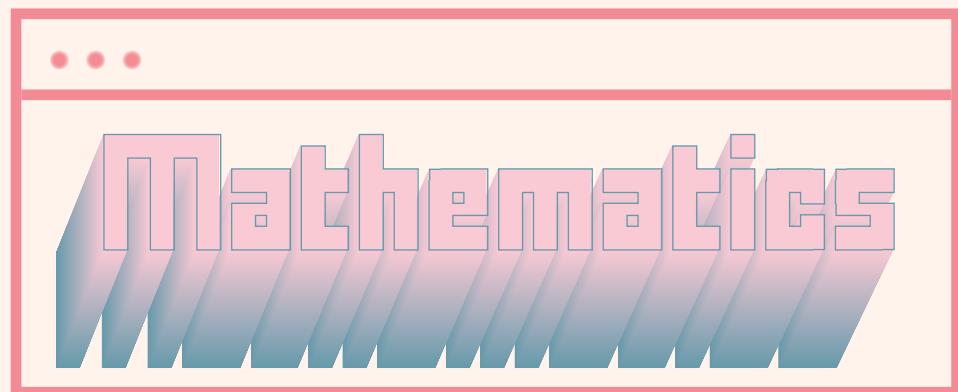
The training program will be of 8 -10 weeks duration.

### Virtual/Onsite

This is an onsite internship. Requests for shorter internship periods will not be considered. Due to the Covid-2019 crisis, the selection process of Summer Internship-2020 will be on hold until IISc reopens.

### Specifics

Email to [summerprog.cense@gmail.com](mailto:summerprog.cense@gmail.com) for any doubts.



HRI conducts the Summer Programme in Mathematics (SPIM), a scheme for introducing basic mathematics at Master's level in an interesting way to the highly motivated undergraduates or first year post graduates from various colleges/universities. The programme involves intensive lectures on Algebra (Group Theory, Field Theory and Galois Theory), Analysis (Measure Theory, Basic Complex Analysis) and Topology (Set Topology up to homotopy theory) over a period of three weeks in the summer of every year.

## Eligibility Criteria

Preference will be given to M. Sc (Mathematics) first year students; however exceptional B. Sc./M. Sc. final year students are also encouraged to apply.

## Timeline

Deadline for receiving application form: March 05, 2020

List of Selected Candidates will be available by March 15, 2020 and the selected candidates will be informed through email only.

The deadline for the selected candidates to confirm their participation is March 24, 2020.

SPIM 2020 will be conducted from June 1 - June 20, 2020.

## Application requirements and procedure

Interested students can apply in the prescribed format, along with two recommendation letters from their teachers to the postal address given below

Postal Address :

The co-ordinator

SPIM 2020

Harish-Chandra Research Institute

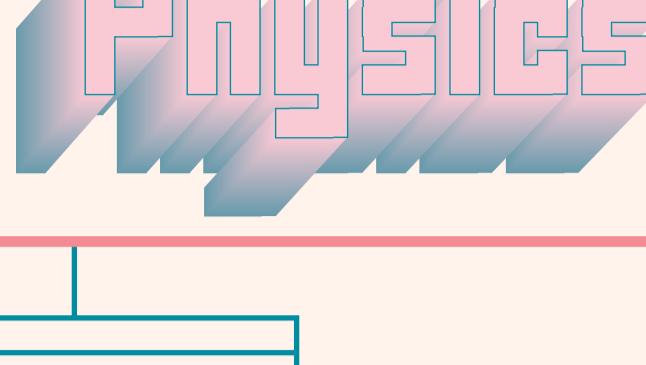
Chhatnag Road, Jhunsi

Allahabad - 211019

Uttar Pradesh.

You may fill it up and the scanned pdf file can be sent by email to [spim@hri.res.in](mailto:spim@hri.res.in)

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## TIFR VSRP

### Eligibility

The applicant should be a student in a Bachelor's or Master's programme in Physics/Chemistry/Biology/Mathematics/Computer & Systems Sciences with two years of undergraduate course work in an academic institution. He/she should not have participated in VSRP before.

Please note that the VSRP programme is for students currently enrolled in a Bachelor's or Master's programme and not for PhD students or faculty members.

### Timeline

Application deadline - Late January

The Visiting Students' Research Programme (VSRP) is held at TIFR, Mumbai during the period from May to July.

### Documents Required

Keep the following ready for advanced registration:

\*Scanned passport sized photograph (.jpg file of size not exceeding 100kb)

\*Students can select two areas of research for a selected department. Please read the Information Brochure before you fill this section.

\*A write-up of up to 400 words, describing your interest in the most preferred field of study has to be provided.

\*Names, affiliation, designation, residential address, contact details and contact phone numbers of two referees who would be filling referee reports for you. They should be teachers or persons with whom you have interacted academically.

The link for filling up the Referee Report Form online will be sent by email to both Referees after complete registration.

### Stipend/Accommodation

Rs 7000/- (Maths Programme - ~4.5 weeks).

Rs 14000/- (NSF/STCS Programme - ~9 weeks).

To-and-fro travel reimbursement from the place of residence (address for correspondence mentioned in the application) will be paid. Also, free shared accommodation on-or-off-campus is provided.

### How to Apply

Registration includes two steps:

First complete basic registration by applying online.

During the basic registration, "Preferred Subject" indicates the TIFR subject area you are applying for i.e., Physics/ Chemistry/ Biology/ Mathematics/ Computer & Systems Sciences.

After completing the basic registration, you will receive an email with a link for advanced registration. Before proceeding to advanced registration, please keep the following ready:

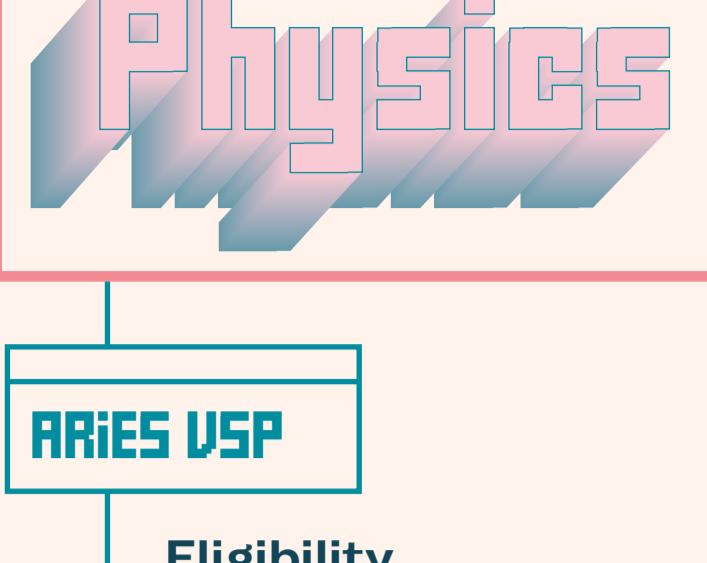
Scanned passport sized photograph (.jpg file of size not exceeding 100kb)

Students can select two areas of research for a selected department. Please read the Information Brochure before you fill this section.

A write-up of up to 400 words, describing your interest in the most preferred field of study has to be provided in the appropriate box. The write up should not contain special characters. In particular, use of equations in write-ups is strongly discouraged.

Names, affiliation, designation, residential address, contact details and contact phone numbers of two referees who would be filling referee reports for you. They should be teachers or persons with whom you have interacted academically.

The link for filling up the Referee Report Form online will be sent by email to both Referees after complete registration.



## ARIES USP

### Eligibility

Bonafide students of any recognized University/Institution within India, fulfilling the following conditions are eligible to apply for the Internship:

1. Under-graduate Engineering students, having completed/appeared in the 6th semester of the BE or B.Tech course from the recognized University/Institution within India

2. Engineering graduates waiting for admission for higher studies/completed or pursuing Master's/Postgraduate/research programme.

3. Master's degree in Science and/ or Engineering (M.Sc./M.Tech/MCA) from the recognized University/ Institution within India

### Preferred Skills

Strong, object-oriented design and coding skills (Python/ Java/ C++/ C#)

Sound knowledge on UNIX or Linux platform

Sound understanding of areas such as Algorithms, Data Structures,

Object-Oriented Design, Databases, Clusters, Parallel programming.

A fundamental knowledge of embedded processors, with in-depth knowledge of real time operating system concepts

Experience with distributed (multi-tiered) systems, algorithms, and relational databases.

Experience in optimization mathematics (linear programming, nonlinear optimization)

Ability to work in a fast-paced, team-based environment

Excellent analytical and problem-solving skills

Previous Internship(s) experience

Strong verbal and written communication skills

### Timeline

The period of Internship shall be at least 20 weeks but not exceeding six months. The Internship is neither a job nor an assurance for a job nor a permanent position in ARIES in any manner whatsoever.

### Stipend

The selected Interns shall be paid a stipend of 10,000 Rupees per month if no Accommodation is provided, otherwise they will be paid 5,000 Rupees per month if Hostel is provided.

### How to Apply

Interested applicants will have to apply ONLINE only.

Deadline of Application: December.

Start of Internship: February.

The applicants pursuing any Bachelors or Post-graduate programmes shall have to submit NOC from the HOD/Principal. It has to be indicated in the NOC that the applicant would not be registered for any course requiring his/her attendance in the class during the period of Internship.

### Procedure of Selection

The screened candidates will be called for an online Interview in which they will be screened for communication, interpersonal, and work-related technical skills.

Based on the performance in the Interview, the selection of Intern shall be made.

Director, ARIES will have the power to relax certain conditions in respect of any deserving candidate.

The list of selected candidates will be uploaded on ARIES website, and the call letters will be issued to the respective candidates.

In this round at least 04 Interns will be selected, however, this number may vary depending upon the number of applications received.

At the time of joining, the selected candidate has to produce original mark sheets and other relevant documents, failing which his/her candidature shall be cancelled.

### Roles and Responsibilities:

The selected Interns will mainly be engaged in the Software Development and data management tasks which are useful to the Institute. Presently the projects available for Interns are typically in the areas of:

Software Development

Data Archival and Management

Big Data

Machine Learning/Artificial Intelligence/Deep Learning

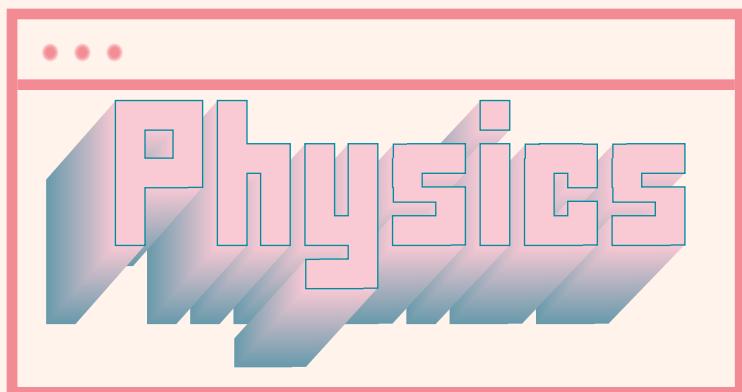
High-Performance Computing

Information Retrieval and Visualization

Data Center Management

Architecture & Systems

Knowledge and Data Representation, Distillation and Sharing, Database



## About

The Vacation Students Programme (VSP) is an ongoing programme for which applications are accepted from eligible students in March every year. The selected candidates are informed of their candidature in the beginning of April.

Every applicant will be informed about our decision in the second half of April. Students selected under the VSP spend seven weeks at IUCAA working on specific research projects supervised by IUCAA Academic Members. The programme concludes with seminar presentations based on the projects done by the participants.

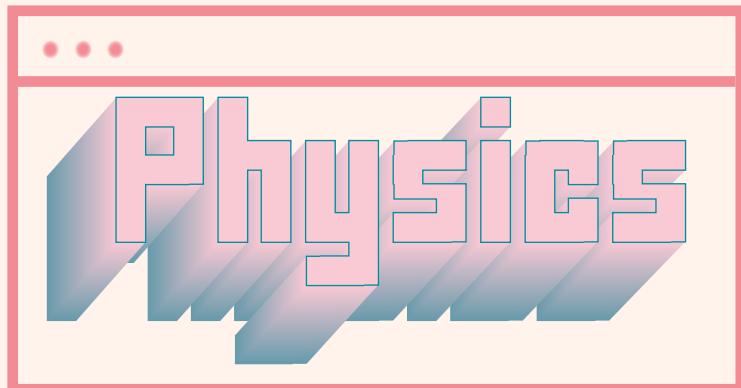
## Eligibility

Students who are currently pursuing one of the following degree courses are eligible to apply:

M.Sc. - First Year (Physics / Applied Mathematics / Astronomy / Electronics / Scientific Computing)  
Integrated M.Sc. - 3rd and 4th Year  
B.Tech. / B.E. - 3rd and final year

## Stipend

The participants are paid a stipend of Rs.10,000/- and provided with free lodging on the IUCAA campus during the programme. They are also paid second-class (non-A/C) return railway fare between the place of their residence or education and Pune.



## Eligibility

Students studying in second/third year B. Sc.(Physics)/Integrated M. Sc. (Physics) in any Indian college/university/institute and securing minimum 60% marks in all examinations can apply for the summer programme which is scheduled in June.

Each selected student is expected to carry out a short project in experimental physics, guided by a mentor

Upon successful completion of the project, students would be asked to present their work. A few special lectures and guided tours of the experimental facilities of IUAC will also be arranged.



# Physics

## HRI: Physics-Visiting Students Program

### Eligibility

It is a Visiting Students Programme (VSP) in Physics for which students in M.Sc, B.Tech and final year B.Sc programmes are eligible.

### Timeline

Period of Visit	Period of Application
January - April	July 1 - October 31
May - August	November 1 - February 28/29
September - December	March 1 - June 30

For a proposed 'period of visit', your application must reach the HRI strictly within the corresponding 'period of application' (neither earlier nor later). In case your 'period of visit' overlaps with two time periods (eg., from mid-December to mid-January), they will consider the start date to determine the 'period of visit' (in this example it will be September-December).

### Application procedure

The selection is based on the student's academic record and letters of recommendation. It also depends on the availability of a faculty member here to guide the student during the proposed period.

### Funding/Stipend

The selected students will be paid to and fro (II class sleeper) rail fare, provided accommodation on campus, and paid a stipend to cover local expenses. Applicants must mention if they are eligible for KVPY, INSPIRE, Academies or any other similar fellowships. If the applicant is selected and is a recipient of any fellowship, HRI will not cover any expense that the fellowship covers. This will, however, not have any bearing on their selection for the VSP.

### Virtual/Onsite

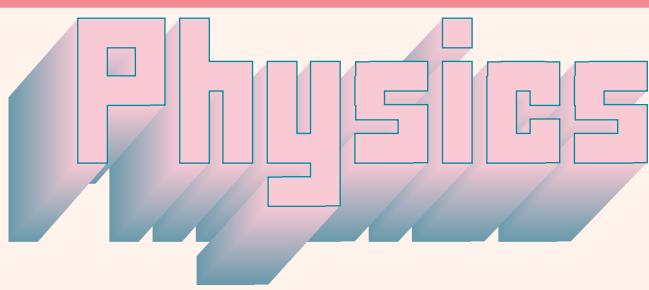
Visiting Students are expected to stay there for a period of at least four weeks during any time of the year which is mutually convenient. There are a large number of applicants in summer, and few advisers, so your chances are better if you apply during some other time of the year.

### Application

Interested students should apply at the following portal : <http://www.hri.res.in/~physvsp/application2/>

The student should arrange at least one letter of recommendation to be sent to the address [physvsp@hri.res.in](mailto:physvsp@hri.res.in).

...



## Studentships in Summer

### Eligibility

- Applicant must be a national of any State other than a CERN Member State (This includes India for now)
- Applicant must be a university-level undergraduate (Bachelor or Masters) in physics, computing or engineering.
- Applicant must remain registered as a student during their stay at CERN.
- Applicant should not have worked at CERN before with any other status (Trainee, Technical Student) for more than 3 months and should not be a CERN summer student in the past.
- Applicant must have a good knowledge of English; knowledge of French would be an advantage.

### Timeline

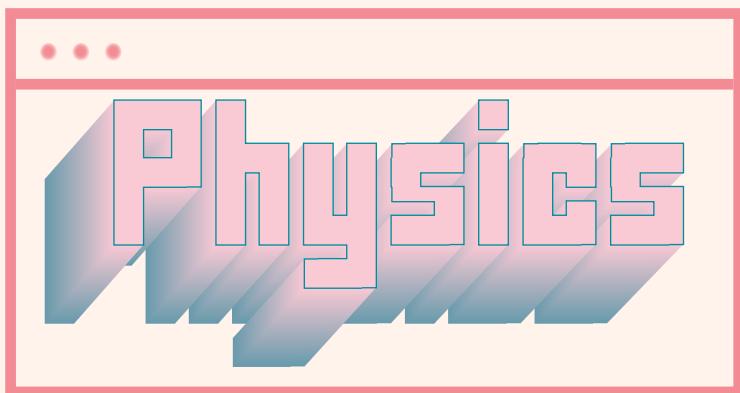
Duration: 8 weeks (Flexible time slots; preferred slots to be indicated on application form)

### Documents Required

- Two Recent References
- Recent academic transcripts (English or French)
- CV (English or French)

### Scholarship includes

- Technical Project
- Stipend- 90CHF/day
- Travel allowance
- Membership to the Health Insurance Scheme (for the students with CERN contracts)
- 6 weeks Lecture Programme: beginning of August
- Assistance in finding accommodation on, or near the site of the Laboratory



## Space Astronomy Summer Program

Each summer, the Space Telescope Science Institute (STScI) employs about a dozen highly motivated college students for the Space Astronomy Summer Program (SASP) to work individually with STScI researchers and staff on projects that include data reduction and interpretation, software development, software engineering, instrument calibration and support, scientific writing, and public outreach.

### Eligibility

- The Space Astronomy Summer Program primarily serves college undergraduates from the U.S. and other countries between their junior and senior years.
- Exceptional undergraduate students in earlier years and beginning graduate students.

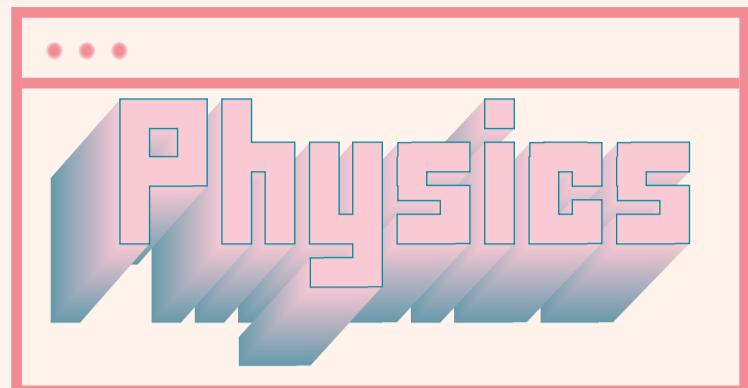
### Scholarship includes

- The stipend for the 2021 program is \$680 per week, which is comparable to other astronomical summer internships in the U.S.
- Travel and housing assistance is not provided for the 2021 Virtual SASP.

### Documents Required

- your cover letter, resume or CV
- a list of references, publication list, and research interests
- Further, Review the job description to see which documents are required for the position.

Interested candidates may apply by creating a profile at their website, applying for a position and uploading a unique PDF containing all the required documents.



## DESY Summer Student Program

DESY is an International Summer Student Program. Applicants from All around the World are eligible to apply. This is a Fully Funded Scholarship For International students in Germany. Summer DESY offers undergraduate students in physics, related natural science disciplines or computing the possibility to participate in the research activities of the Hamburg and Zeuthen (near Berlin) laboratory sites.

### Eligibility

- Both Undergraduates & Graduates Master are eligible
- Applicants who already obtained a master-degree or will obtain a Master's degree in 2021 are not accepted.
- Applicants should not have previously been at DESY as a summer student.
- Applicants should have a good working knowledge of English.
- Basic computing skills are necessary.

### Timeline

The 2021 programme will take place from July 19 to September 10. It has been adapted to the special conditions due to the Covid pandemic

### Documents Required

- University Transcript
- CV
- 2 Recommendation Letter

### Scholarship includes

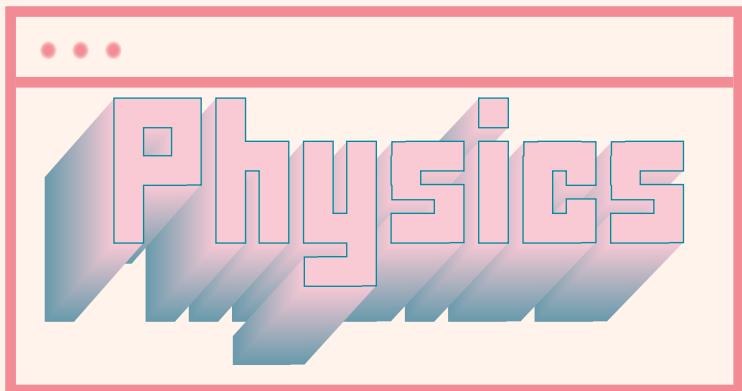
DESY summer students covers all expenses of selected 100 participants for this research internship.

- Allowances: DESY summer students will be paid an allowance to cover living expenses for a single person.
- Travel expenses will be covered.

### How to apply

The online application for individual DESY summer student work projects would begin during the first week of March.

- Visit DESY - Summer Students - DESY Summer Student Programme 2021.
- Click on Apply Now button to proceed to DESY internship online application.
- Fill the online application carefully and upload the required documents.



## Space Astronomy Summer Program

### Eligibility

Primarily open for final and prefinal year undergraduate students. Preferably students who have a strong background in astronomy, mathematics, and/or physics

### Timeline

The program (virtual in 2021) will run from June 7 to August 6, 2021.

### Stipend

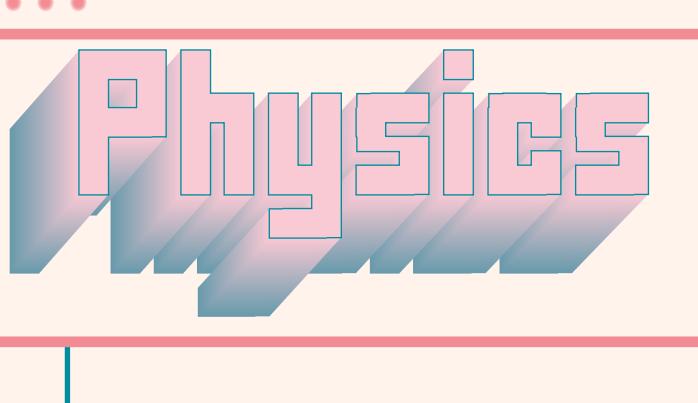
The stipend for the 2021 program is \$680 per week. Travel and housing assistance is not provided for the 2021 Virtual SASP.

### How to Apply

Interested students are advised to keep an eye on the website.

<https://recruiting2.ulipro.com/SPA1004AURA/Job-Board/93330e50-7b3a-4ba8-94f2-6f32360aa4e1/?q=&o=postedDateDesc>

You are required to go through the project pdfs given on the above website and select your top 3 project priorities in the application.



## UTRIP Summer Program (University of Tokyo)

### Eligibility

The program is open to students who are currently enrolled in the second or a later year at an accredited college or university outside of Japan, and who are majoring in a natural science or related field.

- Have completed at least one full year in a Bachelor's degree program at the time of application.
- Be enrolled in and, after the UTRIP program ends, be expected to return to, at least another semester, quarter, or another equivalent academic term, in a Bachelor's degree program (or a Bachelor's-equivalent year of an integrated Bachelor's-Master's degree program) at a university outside of Japan.
- At selection, the priority for nomination is given to applicants expected to be in their third year of a four-year Bachelor's degree program and to applicants expected to be in their second year of a three-year Bachelor's degree program. Second-year students in four-year Bachelor's degree programs are also encouraged to apply.
- Be thinking of pursuing long-term career goals in a scientific area.
- Be able to commit to the entire six consecutive weeks of the UTRIP program (June 10 to July 21, 2020\*) on a full-time basis.
- Be able to present coverage of a health insurance plan that is effective during the internship program before arriving in Japan.
- English proficiency: test scores of TOEFL or an equivalent English proficiency test (such as IELTS) are required if English is not your first language. Test scores that have already expired are accepted, as long as the applicant is still able to produce proof of the test scores upon request by the UTRIP office. Students who have received an English-medium education continuously for the past 8 years are exempted from submitting English proficiency test scores.

\*Note: Due to logistical issues arising from the 2020 Summer Olympics being held in Tokyo, UTRIP2020 has this one program period only. Around 10 participants will be selected in 2020.

### Application requirements :

Upon enrolling in the UTRIP program, students must agree to fulfill the following requirements:

- To devote their full efforts to conducting the UTRIP project
- To participate in the project for the full six-week period
- To attend all academic and social events scheduled over the course of the UTRIP program
- To submit a written research final report approved by the UTRIP supervisor within one month of finishing the UTRIP program
- To give an oral presentation on the scheduled day
- To complete all required procedures by the designated deadlines.

### Funding:

All participants except for those receiving the FUTI Award will receive the GS-UTRIP Scholarship, which includes free housing and a stipend. For more information refer this

### Timeline:

Program Period of UTRIP 2020  
10 June 2020 - 21 July 2020



## KNI SURFthe-WAVE Fellowship (Nanoscience)

### Eligibility

Students must apply to either the SURF or WAVE program

Due to extenuating circumstances involving travel restrictions under COVID-19, this year's prize is only open to US-based applicants.

Be a continuing undergraduate student

Cumulative GPA of at least 2.5/4

Complete second semester or third quarter at your college or university

Must not be under any disciplinary action

### Timeline

This 10-week program, STW prize fellows participate in educational and social events sponsored by Caltech's SURF and WAVE offices.

- Applications for Caltech's WAVE program open October 1 and the final deadline is January 9, 2021
- The application deadline for the SURF program has been extended to March 15, 2021

### Documents Required

An online application

Identify a mentor - Students will need to clearly state their research interests and identify possible Caltech research mentors

Visiting students submit:

an application

a research proposal

Three letters of recommendation (not from your proposed mentor)

All three letters must come from faculty (at least two from faculty in relevant disciplines)

an unofficial transcript

### Stipend

This prize fellowship covers the full SURF or WAVE salary and up to \$2,000 to defray housing expenses.

SURF Fellows are considered Caltech student employees and receive \$6,420  
Students pay for their own housing

Campus housing is available for visiting students

# Social Science

## International Scholar at the Faculty of Social Sciences

Mintlab is a research group within the Institute of Media Studies (IMS) of the faculty of Social sciences at KU Leuven, Belgium. At the Meaningful Interactions Lab (Mintlab) , both fundamental and applied Human-Computer Interaction (HCI) research from the perspectives of the Social Sciences and the Humanities is performed.

They regularly host visiting scholars and interns such as master students, PhD students, applied researchers or visiting professors.

### RESEARCH TOPICS

- Social Interactions in Online Media
- Media Convergence in a Digital Society
- Children, Media and Design
- Human Agency in a Data-Driven World
- Emerging Technologies.

### Eligibility

Students pursuing bachelors, masters and PhD are eligible. Should have considerable prior experience in the field of Human-Computer Interaction (HCI) or UI/UX design.

### Timeline

The 2021 programme will take place from July 19 to September 10. It has been adapted to the special conditions due to the Covid pandemic

### Documents Required

- University Transcript
- CV
- 2 Recommendation Letter

### Scholarship includes

No funding for internships as such. No stipend. One is encouraged to secure a source of funding in one's own institution.

### How to apply

Get properly acquainted with research topics and projects. Email the head of research expressing your interests and experiences. If they find the application interesting, the person is invited for an online interview. If accepted, the official process begins for registration as a visiting scholar.

For periods longer than 3 months, an international visa will be required.

# General

## ANU FRT

### Eligibility :

To be eligible for an FRT award, the candidate must:

- be a citizen of India residing in India
- be able to demonstrate a high level of academic ability and research potential
- be enrolled in a program at a collaborating institution in India which includes a research component;
- be nominated for award consideration by a collaborating Indian institution specified by the ANU Colleges of Science, Health & Medicine;
- be seeking to undertake a research project in one of the specific fields of research proposed by the ANU Colleges of Science, Health & Medicine, Engineering & Computer Science; and,
- have not previously received an FRT award from the ANU Colleges of Science, Health & Medicine, Engineering & Computer Science.

In exceptional circumstances, applications from students enrolled at institutions other than the selected partner institutions may be permitted at the discretion of the Dean of either of the two Colleges, at the request of a Research School Director.

### Application procedure :

The selection process for FRT program will be undertaken by a selection committee which will consider the following factors when shortlisting FRT award recipients:

1. Academic merit and candidate's research proposal
2. Ranking of nominated candidates by the collaborating Indian institution
3. Ranking of nominated candidates by the host ANU School within the Colleges of Science, Health and Medicine.

### Funding:

The value of each FRT award is A\$6000.

### Timeline:

The FRT award program is only open to students from specific collaborating institutions in India. Every year, the collaborating institutions are provided with nomination instructions, including a link to the nomination and application portal.

Applications open: from early September

Applications close: late October

Successful FRT award recipients will be notified by 31 December.

Funds awarded under the FRT program must be fully expended by the recipient within 12 months from the date on which the recipient was notified of their award.

It is suggested that the candidates undertake their research project at ANU from May - July. However, the timing can be negotiated between the award recipient and the host Research School/Research group at ANU.

The Research Schools, in consultation with the award recipient and the collaborating Indian institution, may also extend the research project beyond 12 weeks. Any ongoing funding to support research experience/projects longer than 12 weeks will be at the discretion of the ANU Research School and the Research group/department hosting the student.

# General

## CalTech Surf

### Eligibility

To be eligible for SURF, you must:

1. Be a continuing undergraduate student and eligible for fall term registration

2. Have a cumulative GPA of at least 2.5/4.0

3. Complete the second semester or third quarter at your college or university

4. Not be under any academic or disciplinary sanction.

International students are eligible to participate in SURF on the Caltech campus. However, only U.S. citizens and U.S. permanent residents are eligible for SURFs at JPL. If a SURF award is made, international students will be given instructions on how to apply for an F-1 or J-1 student visa abroad prior to participation in SURF.

### Stipend

In 2021, fellows will receive a \$6,620 award for a ten-week period.

### How to Apply

Students must identify and contact a research mentor before applying. The mentor must agree to support your application, help you to develop and define a research project, and assist you in the writing of the research proposal. Visiting (non-Caltech) students usually have to accomplish this discussion via email, phone, or Skype.

The application contains:

1. An online application

2. A research proposal written by the student

3. Caltech students must submit two confidential letters (at least one from a faculty member). For freshmen, the second may be from an RA, TA, coach, or employer. Visiting (non-Caltech) students must submit three confidential letters from. ??????????????

### Judgement Criteria

1. Research proposal is a clear description of the proposed project. It demonstrates the applicant's understanding of the nature and purpose of the project, how it relates to other work in the field, and it includes a work plan for accomplishing project goals.

2. Proposed project allows student to take intellectual ownership and has potential for publication in referred journal. Proposed project can be reasonably done in a 10-week period.

3. Student is prepared for the project (coursework, experience, etc).

Mentors and faculty have submit supportive recommendations and evaluations.

4. Returning SURF students are expected to have stronger applications reflective of their prior experience.

# General

## Caltech's WAVE

### Eligibility

The student must:

- Be a current sophomore, junior, or non-graduating senior
- Have a cumulative GPA of at least 3.2/4.0
- Be a U.S. citizen, permanent resident, or have DACA status
- Have an interest in pursuing a Ph.D.
- Have prior research experience
- Not be under any academic or disciplinary sanction

### Timeline

The 2021 WAVE Fellows program internship period is from June 14 to August 20. Fellows will carry out the work over 10-weeks during the summer and submit two interim reports, a research abstract, and final paper.

At the conclusion of the program, students will give an oral or poster presentation at one of the several SURF Seminar Days

### Documents Required

Applications are due on or before January 9

1. An online application
2. Three letters of recommendation from faculty (at least two in the relevant discipline)
3. The applicant's unofficial transcript.
4. Students awarded a WAVE Fellowship will be required to submit a project plan after consultation and collaboration with the mentor

### Stipend

For summer 2021, WAVE Fellows will receive an award of \$6,620 for 10 weeks, \$2,000 housing supplement for campus housing, and travel to and from Caltech. Caltech housing is available and we strongly encourage all Fellows to live on campus.

# General

## CERN openlab Summer Student Programme

### Eligibility

- You are a Bachelor or Master student (not Ph.D.) with a strong computing background and should have completed, by the European Summer 2021, at least three years of full-time studies at university level
- You will remain registered as a student during your studentship with CERN. If you expect to graduate during European summer 2021 (as of May), you are also eligible to apply.
- You have not worked at CERN before with any other status (Technical Student, Trainee, User or other status) for more than 3 months and you have not been previously a Summer Student at CERN (please note that exceptionally, students who took part in the 2020 online learning initiative are eligible to apply).
- You have a good knowledge of English. Knowledge of French would be an advantage.

### Timeline

The applications for 2021 are closed and the window for next year is expected to be open from around mid-November to January.

### Documents Required

1. A CV in either English or French.
2. A copy of your most recent academic transcript
3. Two mandatory reference letters, from your lecturers/teachers and/or previous internship supervisors.

The above mentioned documents should be clearly labelled and in PDF format. Make sure you have all the required documents when you start your application on the career portal (only reference letters should be submitted afterwards).

### Stipend

A 90 Swiss Franc per day (net of tax) subsistence allowance to cover the cost of accommodation and meals in Geneva for a single person for the whole contract duration.

A travel allowance on a lump sum basis paid at the end of your stay to help you with the cost of travel between Geneva and your residence at the time of the selection.

Assistance to find accommodation on the CERN site or nearby.

# General

## CERN Studentships in Summer

### Eligibility

The applicant has to be a Bachelor or Master student (not Ph.D.) in either Physics, Engineering, Computer Science, or Mathematics and should have completed, by the European Summer 2021, at least three years of full-time studies at the university level. If the applicant expects to graduate during European summer 2021 (as of May), he/she is also eligible to apply.

The applicant must not have worked at CERN before with any other status (Technical Student, Trainee, User, or different levels) for more than three months, and he/she must not previously been a Summer Student at CERN. The applicant must have a good knowledge of English; knowledge of French would be an advantage.

### Timeline

If the applicant wishes to join the summer program for the year 20xy, then:

- The application deadline is generally somewhere in January of year 20xy.
- The selection is made till March/ April.
- The program generally starts in June and goes on till July.
- However, the dates and months are subject to change; hence, check the website before initiating the application procedure.

### Funding

The student will be eligible for a modest stipend and will be staying at the CERN campus accommodation.

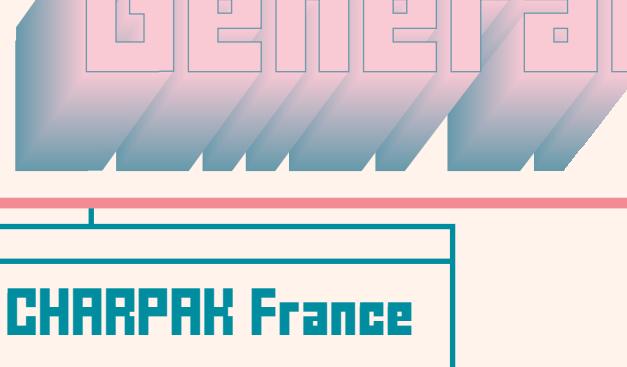
### Virtual/Onsite

The internship is almost always on- site with the exception of the pandemic years (2020 and 2021)

### How to Apply

The applicant will need the following documents, clearly labeled and in PDF format to complete his/her application:

- A CV in either English or French.
- A copy of the most recent academic transcript giving an overview of marks.
- Two mandatory reference letters from student's lecturers/teachers and/or previous internship supervisors.



## CHARPAK France

### Eligibility

The applicant must:

1. Be an Indian national residing in India at the time of application
2. Not be more than 30 years old at the time of application
3. Be currently enrolled in an Indian institution of higher learning at Bachelor's/ Master's level

3. Be in possession of an admission/acceptance letter from a French laboratory or institution where the research internship/project will be carried out.

\*Note: The duration of the research internship/project must not be less than 1 month and must not exceed 2 months. If the duration exceeds 2 months, the awardees will have to cover the expenses for rest of the duration by themselves.

### Application Procedure

The students must submit their application on the online scholarship portal: <http://ifi.scholarship.ifindia.in/> along with the following documents:

1. Scanned copy of the first page of your passport (with photo and expiry date). If you will be getting your passport after the deadline, please attach passport application proof.

2. Curriculum Vitae (maximum 2 pages).

3. Scanned copy of your admission/acceptance letter from the French higher education institution / laboratory. If you have not received it before the deadline, attach an email correspondence to show that you are in the process of getting the acceptance letter from them. Your acceptance letter must mention the exact dates of your programme.

\*Please note that you have to approach a laboratory on your own, as per your research interest before applying for the scholarship.

4. Scanned copies of mark sheets of Higher Secondary School (XII), Bachelor's and Master's degrees (including those of completed semesters of the ongoing degree)

5. French language certificate, if any (DELF/DALF certificate or from any recognized university or Xth marks card if French was your second language)

6. NOC from your Indian institution – it should mention that you are a student there, and are selected for the internship and that your Indian institution has no objection to your internship. The name of the French institution needs to be mentioned.

7. Document of employment / internship record, if any

8. Recommendation letter from the university (not mandatory)

\*Note: All the above documents must be in word, pdf or jpeg format . Applications submitted without required documents, or incorrect documents, will be rejected.

### Selection Procedure

The application will be selected based on academic excellence as well as the consistency and quality of the candidate's statement of purpose. There is no CGPA/ Percentage cut-off for the scholarship. Knowledge of French language will be an asset but it is not mandatory.

Awardees of the scholarship are contacted via email; the results can also be seen at: <http://www.inde.campusfrance.org/en/page/charpак>

No reason will be given for rejection of an application. The French Embassy is not obliged to respond to candidates whose applications are incomplete. Incomplete applications will not be taken into consideration.

### Benefits

The scholarship covers the following benefits:

1. Monthly stipend of 700 euros for a maximum two months provided by the Embassy of France in India

2. Student visa and Etudes en France waiver

\*Note: The scholarship does not cover medical, travel expenses, travel insurance or assistance with finding accommodation

### Questions/ Assistance

If you have any queries regarding the program, you can email on:

[scholarship.france@ifindia.in](mailto:scholarship.france@ifindia.in)

# General

## DAAD Germany

### Eligibility

1. Students must be fluent in spoken German and possess excellent writing skills.
2. Ph.D. students and German Nationals are not eligible.
3. International students who are enrolled in a full-time course of study in the U.S. or Canada may also apply.
4. Canadian and U.S citizens and permanent residents are eligible to apply

### How to Apply

The following documentation are required for an application:

1. Type your application form, handwritten materials will not be accepted. Do not forget to sign your application.
2. Submit your resume in chronological form. Your name should appear on each page.
3. Submit three original letters of recommendation printed on university letter-head from professors
4. Submit official transcripts of all post-secondary studies

### Benefits

1. EUR 1800 monthly stipend will be paid to the interns in Germany
2. DAAD will also cover the medical insurance of interns
3. DAAD interns will obtain housing in Berlin and they will receive support from DAAD on a continuous basis

# General

## EPFL Switzerland

### About

A 2-3 month funded research internship programme at École Polytechnique fédérale de Lausanne, Switzerland

### Eligibility

Any bachelor or Master's degree student who has completed at least his/her second bachelor year in any field of engineering, science or technology. Ph.D. students are not eligible.

### Selection Criteria:

1. You are among the top 10% of your class with a high GPA
2. You plan to pursue Ph.D. studies. Previous laboratory experience is a plus
3. Your application package should convince the selection committee of your excellence and passion for science. Your SOP reflects your ambition, career goals, and explains your choice of host laboratories.

### Application Procedure

Choose three research laboratories (from the list provided on the website) and explain your choice in the SOP.

Choose three research domains.

Provide curriculum vitae, academic transcripts and statement of purpose (max. 1000 words).

Optional document (extra - could be a letter of recommendation )

Upload all the required documents in pdf format

Usually around a month after the deadline, if you are selected, you may receive an offer letter from a faculty member.

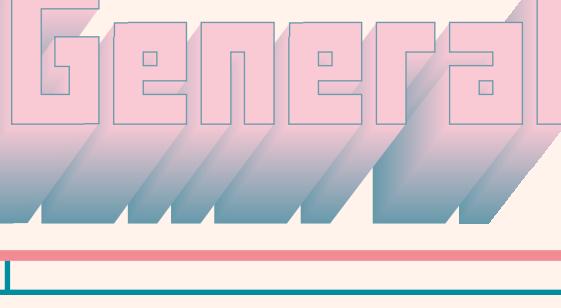
Fill in the application form.

### Timeline

Usually application deadline is in February or March. This year, the selection process will end on March 1 and the selection/rejection mail will be sent by March 4th. Starting and ending dates of the program are flexible. Usually lasts for 2-3 months during Summer.

### Funding

This is a fully funded program. Accepted students will receive a monthly living allowance of 1'600 CHF to cover their housing and living expenses. Travel costs will be refunded on request and depending on the host lab.



## ETH Student Summer Research Fellowship

### Eligibility

1. Undergraduate , Master's students in Computer Science or a closely related field (e.g, Electrical Engineering, Mathematics, Physics)
2. Expected graduation date in the current study program (bachelor or master) is in the year after the fellowship will have ended or later.

3. Must have completed at least 2 years of education in Bachelor's

4. The program will be conducted in English. Formal evidence is not required. However, the fellowship requires a good working knowledge of English. Your language ability may be assessed during an interview.

### Timeline

November : Application forms release

15th December : Application deadline

February : Selected participants informed

1st July : Program begins

31st August : Program ends

### Documents Required

1. Your CV. Please use the Europass format.
2. Official Academic Transcript from your home university. Use the grading system that your university provides – the grading system on the GPA scale that you have been graded on.
3. Letter of motivation/personal statement (max 1 page): Describe in your own words why you have chosen your proposed scientific area of research. Explain what you hope to accomplish by coming to ETH and how it will support your academic or professional goals and prepare you for a career in research.

### Stipend

1. Round Airfare Travel Tickets will be provided.
2. VISA Fee will be Covered. The ETH Student Exchange office will help fellows with the process.
3. Visa Expenses will be covered.
4. Accommodation will be organized.
5. Monthly Allowance to Cover Housing & Living Expense
6. Explore Switzerland: Fellows have the opportunity to explore the vibrant culture of Zurich in the summer as well as the beautiful mountainous landscape of Switzerland in their free time.

### How to Apply

Your application will be evaluated on the basis of the documents provided. The last step of the application process may include an interview conducted with the shortlisted candidates.

Before applying make sure you have prepared all required documents as PDF files (max 10MB per file).

Please begin by exploring the faculty members in the participating hosting labs and their research topics.

You will be asked in your application to indicate one or two preferred research areas. This will help the program coordinate optimal lab placements.

First, you need to register with SiROP. To register , search for your home university in the list provided or create an account using an email address. Try to find your university in the list provided. If your university is not on the list , create an account using an email address and password.

After completing your SiROP registration, click the "Apply Now" button at the top of the linked SiROP opportunity.

# General

## Griefwald International Student Festival Germany

### Eligibility

The applicant has to be at least 18 years old and enrolled at a college/university on the first date of the festival the following year.

### Timeline

Applications are generally open from November till mid-December. The festival usually takes place in June of the following year.

### Documents Required

To apply for participation in the festival, the applicant must register as an applicant on the online database. Please be aware that it is not enough to register at the database simply, but the application form has to be filled out and sent. During the application, you must fill in the form and write a letter of motivation.

### Stipend

Participation in GrlStuF is free of charge. Furthermore, the participant will have free food, free accommodation, and free entry to all activities. However, the travel expenses would have to be borne by the participant.

### Virtual/Onsite

The participation in the festival is onsite but the festival was suspended in 2020 and might be suspended again in 2021 if the situation doesn't improve.

# General

## Honda Y-E-S program

### Eligibility

· Candidate should be a student of only Affiliated Indian Institute of Technology i.e. IIT Bombay, IIT Kanpur, IIT Kharagpur, IIT Madras, IIT Delhi and IIT Roorkee registered in a four-year B.Tech or five-year dual degree (M.Tech.) Programme.

· Candidates must be a student of 5th semester having C.G.P.A - 7.00 & above in each of the first 4 semesters.

### Timeline and How to apply

1. Resume Shortlist (the focus is on Science, Research and Ecotechnology)

Notification comes on Channel i around August, it requires you to fill a short form and a pitch about how you have worked in ecotechnology in the past 2 years

2. On-Spot Essay Round is conducted at the institute in August-September. The topics are usually related to the environment, sustainability, EV, climate change etc.

3. Intra Institute Interview Round takes place in October. 11-12 students are selected for the first interview and the panel consists of people from HONDA's Team, these are Heads and CSR members. Usually, 3-4 people are selected from each IIT for the final interview

4. The final Interview is conducted in December with top students from all the IITs at the HONDA Plant in Noida. (Top 2 candidates from each IIT usually become the final awardees)

### Benefits

· Stage I : The Y-E-S Award

The Award would recognise brilliant students who would drive future society towards an eco technological orientation.

Each Y-E-S Award recipient will receive USD 3,000 (US Dollar Three Thousand only) in equivalent Indian Rupees.

\* Will be utilised solely to pursue Education/ Skill Development.

· Stage II: Y-E-S Award Plus

Every Y-E-S Award recipient becomes eligible for the Y-E-S Award Plus, an additional award, if, within four years after he/she received the Y-E-S Award prize.

A credit-granting internship program offered by a Japanese company or research institute's summer program for two and a half months.

Internship participants will receive US\$ 7,000 for the internship in Japan + US\$ 3,000 preparation fees for further study in Japan (10 weeks) for Y-E-S Plus.

OR

USD 10,000 for Post-Graduation studies in Japan (1~2 years) as Y-E-S Award Plus.

### SUGGESTED:

<http://watchout.iitr.ac.in/2019/08/summer-diaries-honda>

# General

## IAESTE Switzerland WAVE Fellowship

### Eligibility

- a. IAESTE is open to degree level Science, Engineering, Technology and Applied Arts students in the second year of study and above.
- b. Enrollment: You must be currently enrolled Full-time in a Bachelor's or Master's degree at the time of application and be studying one of the applicable disciplines.
- c. Age: You must be between the ages of 19 and 30
- d. Language: You must speak good English. While most positions only require English, foreign language skills are sometimes preferred

### Timeline

The majority of traineeships take place in the summer months, although longer periods are also available.

Most of their internships are published during the main application period in February.

At the beginning of the main application period, you'll receive an information email from your university.

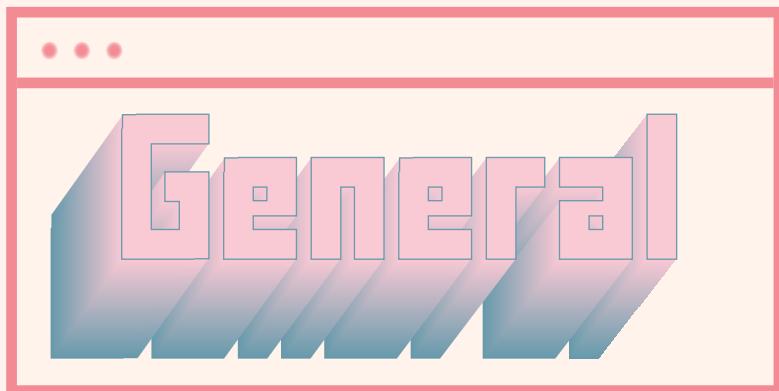
During this period, usually 140-160 internships are published from all over the world. The internship list is regularly updated during all the other months of the year.

### How to Apply

You can apply for an offer if you haven't studied the required subject, but have some basic knowledge.

The application period is open for one or more cycles a year.

Not much information about the internship available on the official website - <https://www.iaeste.ch/en/faq/#f59fc8e5bb98fedd0>



## About

This program offers an opportunity to Undergraduate/Master's students of Science and Engineering to work with faculty and postdoctoral fellows of the Centre and participate in research at the frontiers of knowledge. Students from previous years have contributed productively to research at ICTS, and many have continued research careers at universities worldwide.

Applications are invited from both Indian and foreign nationals. For the Physics stream, this summer program also provides an early route to the Ph.D. and Int Ph.D. graduate program at ICTS. Candidates who perform outstandingly in the summer program will be provided with a unique opportunity to apply early for admission to our graduate program. Upon subsequently clearing a written test and interview, successful candidates will receive early Ph.D./Int Ph.D. offers.

## Eligibility

Undergraduate students of science, mathematics, and engineering are eligible to apply in their third, fourth, or fifth year of the program. Exceptional undergraduates in their second year may also apply. Master's degree students and those who have completed their undergraduate are also welcome to apply.

## How to Apply

Interested candidates should apply online with their CV and relevant details. The applicants also need to arrange at least two recommendation letters. Applications are usually reviewed in February, and results are declared around early March every year. Online applications are preferred. However, if applicants wish, they can apply offline too. If you are submitting online, do not send hard copies of your application materials. Selected candidates are provided stipend and accommodation during this program.

# General

## IISER Bhopal

IISER Bhopal invites applications from bright and motivated students interested in basic sciences, engineering sciences and economic sciences for its summer research internship program. Selected candidates would participate in research carried out by IISER Bhopal faculty, through research/reading projects under their supervision.

### **Eligibility :**

1. Students who have completed or are currently studying in their 2nd , 3rd , 4 th year of B.Sc/B.Tech/ B.E (or) 1 st year of M.Sc/M.Tech (or) an equivalent program at the time of application are encouraged to apply.
2. Candidates are requested to fill in the Online Internship Application Form. Providing false information will invite the cancellation of application/registration.

#### **Please Note:**

- a. Students can apply up to two projects from the listed projects.
- b. You may browse the faculty web pages at Institute's website to get more information about their research work.
- c. Faculty not listed in the list of available projects will not be offering any summer projects. Kindly do not contact them directly for projects.

### **Funding:**

1. No financial assistance will be provided.
2. Hostel accommodation will be provided and charges will be applicable as per rule.
3. Mess charges as per actual rates, payable to the mess contractor.

### **Timeline:**

Project duration: 4 to 8 weeks between May 18 and July 18.

# General

## IISER Pune Summer Student Programme

### Eligibility:

- Students currently (at the time of application) studying in the 2nd, 3rd, or 4th year of B.Sc/B.Tech/B.E or equivalent 1st year of M.Sc/M.Tech or equivalent.
- Minimum 60% (or equivalent) in overall grades, or 80% in the particular stream(s) of interest.

### Application Procedure:

- Applicants must use the web-based registration form to apply for the summer programme <https://www.iiserpune.ac.in/~sspc/#regform>
- This web registration process is not meant for Summer fellows selected for IISER-Pune through other fellowship programmes like IASc and JNCASR.

### ·Selecting a project for application:

- Browse the list of available projects and identify your projects of interest ( [https://www.iiserpune.ac.in/~sspc/sspc2020\\_Projects.html](https://www.iiserpune.ac.in/~sspc/sspc2020_Projects.html) )
- Faculty not listed in the above list of available projects WILL NOT be offering any summer projects. Please do not contact them to ask for any projects.
- You may go through the webpages of the faculty to confirm that your interests overlap, and to obtain an idea of their research methods.
- Every project has a requirement in terms of knowledge and skills. Please do not apply for a project that you are not equipped to undertake.
- If you need further technical information on the project, send a single email to the concerned faculty. Please do not send additional emails in the absence of a response.
- You may apply for up to 2 projects
- Project duration: 4 - 8 weeks during the period May 15 - July 15, 2021.

### Expenses and Funding:

IISER-Pune will support the selected summer students with a (free) room in the students' hostel.

However, they will be unable to provide any financial support to cover the cost of travel and boarding in the hostel mess (about Rs. 6000 per month)  
Result ??????????????

The performance of students will be evaluated at the end of the project and the same will be conveyed to their parent institute.

The results of the selection process will be conveyed to the students by March 31.



# General

## Industrial Technology Research Institute (ITRI)

### Eligibility

Open to undergraduate and graduate students currently enrolled at accredited colleges and universities.

### Stipend

1. Free on-site accommodation on ITRI campus - modern dormitories on a spacious campus with dining and recreational facilities
2. Monthly stipend (before taxes): NT\$22,000 – NT\$36,000 per month, depending on student's experience and department's situation; if you are offered a position, the offer will specify the stipend and other details.
3. Free ITRI Group Insurance (Note: this is Accident Insurance - those who want full medical coverage must purchase it independently.)
4. Unless otherwise specified in your offer, interns are responsible for travel expenses to and from ITRI's Taiwan campuses

### How to Apply

Check the site <https://itri.applytojob.com/> to access ITRI's internship application system, review positions descriptions and apply. Applications will be reviewed on a rolling basis. They remove positions as they are filled, so if a position is still posted in their internship application system then it means application is still open.

# General

## KAIST Visiting Student Researcher(VSR) Program

### Eligibility

The student should:

1. have completed a minimum of 1 year full-time study at their home university GPA of 3.0 or better (on a 4.3 point scale) or equivalent
2. be currently studying at a university outside of South Korea and interested in doing research at a KAIST laboratory
3. Have contacted KAIST laboratories of interest and have received official permission from the professor who is in charge of the KAIST laboratory
4. Have TOEFL iBT 80 or its equivalent on another English language proficiency test. (Students whose nationality is a native English-speaking country can submit a copy of their passport instead of an English language proficiency test score)

### Stipend

Category	Payment per Person(won)	Details	Payment Method	Notes
Registration Fees	USD 350 (or KRW 353,000)	For use of facilities and administrative support	VSR should pay with credit card when filling out the on-line application	Registration fee may be waived according to agreements between institutions or countries
VSR Instruction Fees	Max 1,000,000 KRW/ semester	For instruction of VSR and lab use	After arriving in Korea, VSR must send the instruction fee to the KAIST Woori bank account (instruction fees can be waived or adjusted by mutual agreement).	ISSS will process the fee and send it to advisors by semester
Dormitory Fees	Differ according to dormitory	Dormitory use	Dormitory fees should be paid separately following ISSS instructions after VSR arrives in Korea	Only for VSR who apply for dormitory

\* NOT including food and visa/alien registration card expenses.

\* It is recommended to have a minimum of USD 592 (KRW 650,000) per month to live in Korea.

\* Students may be provided with a research stipend depending on the lab.

### How to Apply

1. Application Period: apply 45 days prior to the desired starting date for research.

2. Research Duration: maximum one year

Process	Related office/ person	Details	Forms/Documents
1 Student applies for research at a lab	Student ⇔Lab	Lab accepts Visiting Student Researcher The VSR's nationality, field of research, and their relationship with strategic items <sup>1)</sup> is screened beforehand. There is an additional process to check if the VSR is from a FATF <sup>2)</sup> country.	
2 Visa application (student)	Student ⇔Lab	Student should receive necessary documents from the lab and apply for a D-2-5 visa <sup>3)</sup> at the diplomatic mission in his/her country.	The VSR's nationality, field of research, and their relationship with strategic items <sup>4)</sup> is screened beforehand. There is an

Process	Related office/ person	Details	Forms/Documents
			additional process to check if the VSR is from a FATF <sup>5)</sup> country.
3 Application for administrative support (lab)	Lab ⇔IRT	Lab must download necessary forms from the IO website, fill them out completely, and submit the forms to irt@kaist.ac.kr.	<Necessary forms> -Application form for VSR administrative support -Agreement form for the employment and management of VSR
4 Complete on-line application and pay registration fees	Student ⇔IRT	Student should fill out the on-line application and pay registration fees <sup>6)</sup> with a credit card. Acceptance to the VSR program will only be finalized after the payment is made.	<Documents to upload> -Copy of passport, photo (head shot), transcript, English Proficiency Test report <sup>7)</sup>
5 Dormitory Allocation	ISSS ⇔Student	ISSS will inform the dormitory allocation result and request the submission of the Health Check-up form. <sup>8)</sup> The dormitory fee should be paid after entry to Korea.	<Documents to submit before check-in> -Dormitory Health Check-up form (KAIST form)
6 Guidelines on arrival to Korea	ISSS ⇔Student	ISSS can provide guidelines on entry to Korea. ISSS encourages students to have traveler's insurance for the duration of their time in Korea.	
7 Receive related information and pay dormitory fees	ISSS ⇔Student	ISSS can provide general information on campus life. Student should pay dormitory fees and also a deposit (100,000 won) to use KAIST libraries and school facilities/equipment.	<Related information> -Student ID card, Campus map, Student's Handbook, etc.
8 Submit Clearance Form before depart	Student ⇔ISSS	Before departure from KAIST, VSRs must fill out and submit the Clearance Form to ISSS. Dorm room cleaning fees will be deducted from the deposit, and the remaining amount will be returned to the VSR.	Certificate of VSR (upon request)

# General

## KAUST Summer Program

### Eligibility

Students from all over the world can apply for KAUST Internship. KAUST will host eligible international BS/BSc (3rd year or 4th year) and MS students or those who have completed BSc/BS A cumulative grade point average (CGPA) that exceeds 3.50 /4.00 ( 14/20: Equivalent to ECTS B) with some research projects requiring a 3.60 or higher. Strong English Skills: Demonstration of English reading comprehension, speaking, listening, and writing abilities.

### Timeline

Beginning and end dates for each internship will be agreed upon between the Faculty and the Intern. Visa processing time will be a determining factor in the actual start date.

The minimum period is four months. The maximum period is six months.

Selected applicants will be interviewed by Skype and notified of their acceptance.

The VSRP (Visiting Student Research Program) internship program in Saudi Arabia accepts applications throughout the year

### Documents Required

1. Official Transcript: The transcript must be in English or Arabic from your current institute VS Official academic transcript(s) or a certified translation if the original transcript(s) is not in English from current and previous institutions.
2. Personal Statement
3. Letter of Recommendation
4. Valid Passport

You need to fill an online application for the KAUST research internship. Please read all the application instructions carefully before applying.

### Stipend

The KAUST Visiting Student Research Program will cover the following expenses:

1. KAUST Monthly Stipend: \$1000
2. Visa Fee
3. Round Airfare Fee Ticket
4. Accommodation (Bedroom & Bathroom)
5. Health insurance
6. Community Resources

# General

## Laboratory Training Programme

### Eligibility

Applicants of any nationality can apply for this program. The sponsorship will be awarded in Life Sciences or Biomedicine-related undergraduate degree (e.g. Biology, Biomedicine, Biochemistry, Pharmacology, Bioinformatics). To participate in this program, you must have passed at least 2/3 of the total credit points (courses or exams) required for a Life Sciences or Biomedicine-related undergraduate degree (in any country). You must maintain your undergraduate holders status throughout the whole summer programme

### Stipend

The university will provide the following:  
Travel expenses and meals at the CNIO cafeteria will be covered for summer training programme students during their stay at the centre.  
In addition, holders without public health assistance benefits in Spain will be covered with private health insurance provided by the CNIO for the same period of time

### How to Apply

To apply, the applicants must submit an online application through the link:  
<https://apps.cnio.es/ing/cursos/practicasverano-form.asp>  
Only shortlisted candidates would be asked to send the following documents by email to [summertraining@cnio.es](mailto:summertraining@cnio.es) :

1. Two letters of recommendation
2. Copy of an official transcript of Records, Academic Transcript or certification, stating the number of credits passed.
3. Copy of National Identity Card or Passport
4. Proof of having a valid health insurance, whether public or private, during the whole summer stay.

# General

## LIGO-IndiGo Summer Program

LIGO Laboratory at California Institute of Technology hosts a 10-week summer student research program every year, called the LIGO SURF Program. In order to support the LIGO-India project, LIGO hosts a few undergraduate students from Indian institutions, pre-selected by LIGO-India Science Collaboration, as part of this program.

### Eligibility

- The projects mainly concerns experimental physics and related aspects in topics of mechanical, electrical, control system, and software engineering.
- Previous research experience, a proven academic track record, demonstrating a willingness for hard work and interest to work in the area of research will be highly valued.
- Applicant must be an undergraduate student who has completed a full year at his/her college or university including a full year undergraduate course in physics.
- A cumulative GPA of at least 2.5/4.0
- Must not be under disciplinary action

### Timeline

Program dates: May-July 2020 (10-12 weeks)  
Submission Date: 10 Nov 2019

The applications for 2021 have closed on 10th Jan. A similar window can be expected next year around mid-December to mid-January based on the trends.

### Documents Required

1. Transcripts of courses taken at college level.
2. Two letters of recommendation.
3. An essay on the topic "Your interest in the LIGO SURF Program and LIGO science" may also need to be submitted.

Particular emphasis will be given on experimental projects related to gravitational astronomy. These projects require a strong background in fundamentals. It is a highly selective program with around 0.01% success rate.

### Stipend

A basic stipend and funds to travel to the research sites are provided by the program. Personal expenses may differ among people, but it should also be noted that the program has a duration of 10 weeks and significant personal expenses may be expected.

### How to apply

- If you are a student applicant new to SFP's programs, create an account with your email address and a password. Else, log in to your existing account.
- In the application itself, you will input basic information about yourself, including contact information, citizenship and demographic information, education, and work experience. Then there are text boxes where you will list your prior research experience, research interests, and a "Your place in LIGO" essay.
- You may upload one or more (if appropriate) unofficial transcripts of the courses you have taken at the college level.
- Enter contact information for two letters of recommendation. After you click "Submit", an email will go out to them, requesting letters to be uploaded.

# General

## LPI Summer intern program

### Eligibility

Undergraduates with at least 50 semester hours of credit are eligible. Students with majors in physical or natural science, engineering, computer science, or mathematics are preferred, but all eligible students will be considered.

#### Selection criteria:

- Scholarship, curriculum, and experience
- Career objectives and scientific interest
- Match of applicant's interest with available research projects

### Timeline

December- Deadline for Application  
Around March- Notification of Selections  
Around June- Program Begins  
Around August- LPI Summer Intern Conference  
Around August- Program Ends

### Stipend

Selected interns will receive a \$7,300 stipend to cover the costs associated with being in Houston for the program's duration. This amount covers the internship stipend, travel, housing, and cost of living expenses. Interns traveling from an international location may be eligible for an additional \$500 to cover travel expenses. In addition to the stipend, financial support of up to \$1,000 (domestic travelers) and up to \$1,500 (international travelers) is offered to interns who submit an accepted abstract as the first author to the upcoming Lunar and Planetary Science Conference

### Virtual/Onsite

The internship is onsite normally but given the uncertainty resulting from the ongoing COVID-19 pandemic, the 2021 summer internship program is expected to have a virtual component.

### How to Apply

The applicant will need to apply using the online application form available on the website. The applicant is required to submit three reference letters and official transcripts to qualify for the program.

The student will be asked to provide proof of English proficiency. This may be in the form of a Test Of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS) score, or a letter from one of the professors in the English department at the university confirming that the student has sufficient spoken and written English language skills, to participate in the internship program successfully.

# General

## MITACS Canada

### Eligibility

To apply for a Globalink Research Internship a student must:

1. Be at least 18 years of age
2. Be enrolled in a full-time undergraduate or combined undergraduate/master's program
3. Have a minimum of one semester and a maximum of three semesters remaining in their program as of September 2021
4. Meet the grade requirements for their country of study
5. Be available to complete a 12-week internship
6. Possess a valid passport from their home country

### Application

Student applicants must provide in their application:

1. An official transcript from the home university, in English or French. If you cannot obtain an English or French transcript, you must submit a translated and notarized copy before the application deadline.
2. At least one letter of reference from a professor or a research supervisor
3. A CV detailing research experience
4. Your academic discipline, program, and other educational information
5. Your research interests, skills, and achievements
6. Your reasons for pursuing research in Canada

### Reference Letter

The professor who writes your reference letter should:

1. Have supervised or co-supervised your work
2. Be able to speak on behalf of your academic and research experience
3. Provide a signed letter on university letterhead

Download the reference letter instructions: [https://www.mitacs.ca/sites/default/files/resources/mitacs\\_globalink\\_reference\\_letter\\_instructions\\_june2016.pdf](https://www.mitacs.ca/sites/default/files/resources/mitacs_globalink_reference_letter_instructions_june2016.pdf)

\*All the reference letters must follow the instructions.

### CV

You can submit your own CV or download the Mitacs template from:

[https://www.google.com/url?sa=D&q=https://www.mitacs.ca/sites/default/files/resources/globalink\\_research\\_internship\\_cv\\_june2016.doc&ust=162315006000000&usg=AOvVaw35rN-x0gElWoiD9Aqki69v&hl=en](https://www.google.com/url?sa=D&q=https://www.mitacs.ca/sites/default/files/resources/globalink_research_internship_cv_june2016.doc&ust=162315006000000&usg=AOvVaw35rN-x0gElWoiD9Aqki69v&hl=en)

### Transcripts

Your academic transcripts (either English or French). If your university or institution cannot provide transcripts in either language, you are responsible for getting them translated and notarized.

Transcripts must be included in your application

English or French language proficiency tests may be required for some countries, check your country's details for more information.

### How to Apply

You will be required to create a personal user account on the Globalink Student Platform.

Do not create two profiles; your application may be processed incorrectly.

Once you are logged in, you can begin your application and start applying to research projects. You will be able to save your work and return to it later to add more information and any documents that you need to upload.

### After Applying

Mitacs will notify you of any updates by email and your profile on the Globalink Student Platform will provide you with the current status of your application.

Usually takes 4-5 months for the results (i.e. whether a student has met the eligibility criteria or not)

Shortlisted applicants may then be contacted by a professor for an interview

\*Please be aware that eligibility and interviews do not guarantee an internship offer

### After you are Selected

You are expected to stay in Canada for the full 12-week duration of the research internship.

Mitacs will provide you with supports two days before your internship begins and two days after your internship is finished.

Depending on your funding arrangement, Mitacs or your country's funder reimburses your flight, provides your accommodations, stipend and medical insurance two days before your internship start date and two days after your internship end date.

Details of your arrangements and actions required are made available to you after your internship is confirmed.

# General

NTU

## Eligibility

- Summer Research Program is open to students currently enrolled in an overseas university who have completed two years of college education and above (third year in your bachelor or above).
- Applicants will be accepted to one of the six disciplines under College of Engineering that best match their interest of study. Each student admitted will complete the program under the advisory of a professor.
- Chemical Engineering
- Power Mechanical Engineering
- Materials Science Engineering
- Industrial Engineering and Engineering Management
- Nanoengineering and Microsystems
- Biomedical Engineering

## Previous Program Dates

Session I: May 11- July 13, 2020

Session II: June 19- August 21, 2020

## Application

Applicants are encouraged to communicate with the professor they would like to work with regarding the research topics via emails, skype or any other methods.

Statement of Purpose:

Resume (CV)

Official Transcript

Optional- Supporting Materials (ex: letters of recommendation signed by referee, examples of written works etc.)

## Application Deadline

The application deadline for the Summer Research Program will be January 10, 2020. Submit your application before the deadline, and only completed applications will be reviewed.

## Housing and scholarship

- Summer Research Program is tuition- free.
- The recipient of the GEL scholarship will receive free accommodation at university residence hall, but has the option to change to dormitory Ching with subsidy of NTD 6000.
- GEL scholarship includes subsidized round trip airline tickets up to NTD 15,000 and free accommodation at university residence hall.
- Those without scholarships will need to pay for housing.
- All participants will have to cover food costs on their own.
- Housing charges vary from NTD500/day to NTD 7400/day

## Suggested for applicants:

<http://watchout.iitr.ac.in/2018/07/summer-diaries-nthu-taiwan>



## NTU Singapore

### Eligibility

Must have completed at least 5 semesters of undergraduate degree (B.tech/B.Sc, 4 years)

Must have completed at least 2 semesters of post graduate degree (M.tech/M.Sc, 2 years)

Must have completed at least 7 semesters of a 10 semester programme (B.tech+M.tech/B.Sc+M.Sc (Dual Degree), 5 years)

Must possess good academic records

Must be a current student in an Indian institute during the internship period at NTU.

Students that meet the minimum requirements of scholarships, publication and internship experiences will be given preference.

### Application Requirements and Procedure

Documents needed:

1. Personal particulars
2. Academic qualifications (e.g. college/university education, period of study, qualifications obtained, etc)
3. Selection of Courses to read
4. Soft copy of your photo
5. Soft copy of your latest official transcripts (in English)
6. Soft copy of your passport
7. Academic Referee Letters (2 of such letters will be required)
8. Recommendation Letter

Student must indicate THREE Research Titles that he/she would like to apply for and the NTU Supervisor whom he/she wishes to work with. Details are available under "List of Research Titles and Supervisors" on the website. Only Research Titles stated on the website will be considered.

Students who have applied for a program of a period of more than 2 months must have a supervisor at their home institution and both the NTU and home supervisor must come to a common understanding before the application is considered.

After collecting all documents, click on: "NTU Online Application System" and create an account. Follow further instructions as mentioned to submit the application.

### Timeline

Duration:

Spring Term: 2 months

Summer Term: 2 months

Fall Term: 5 months

Internship Period:

Spring Term: Jan 4th to June 4th 2021

Summer Term: May 10th to July 9th 2021

Fall Term: Aug 3rd to Dec 31st 2021

Application Period

Spring Term: 1st Aug 2020 to 10th Sept 2020

Summer Term: 1st Nov 2020 to 31st Dec 2020

Fall Term: 1st Feb 2021 to 31st Mar 2021

### Funding

Students are required to pay their 1st semester miscellaneous fees during their internship period at NTU.

Bachelors (Undergraduate):

Lab Based Programme: SGD \$224.15

LKC Medicine Students only: SGD \$231.00

Masters (Post Graduate):

Lab Based Programme: SGD \$248.40

LKC Medicine Students only: SGD \$248.40

Accommodation:

On Campus- Ranging from 300-600 \$ per person per month depending.  
Off Campus accommodations are also available.

### Experience

According to past interns, "While screening your application it focus more on your past projects in the field, degree of comfort and experience in the field you want to do an internship and if you have a professor from NTU who can sponsor your internship that is the best of all."

# General

## OIST Japan

### Eligibility

For Research Internship, excellent students who are in the final 2 years of the undergraduate or Masters programs in universities, colleges, junior colleges, and vocational schools in Japan or overseas, or graduates of such institutions. Currently enrolled students must have approval from their home institution. Academic background of applicants should be appropriate to their desired host unit(s) at OIST.

### Timeline

#### Round 1

Starting Date: October- March

Application Period- March 14 to April 15

Results Announced- July

#### Round 2

Starting Date: April- September

Application Period- September 15 to October 15

Results Announced- January

### Documents Required

1. Transcript and Diploma
2. Applicant's Statement
3. Passport
4. Recommendation Letter
5. Proof of English Proficiency

### Stipend

Majority of the students are international.

Preferred language of teaching is English.

On-campus accommodation available: For both single and family.

Financial support of 2.4 million yen per year (taxable) is provided for each year of approved full-time study.

Students in the Research Internship program will be provided with a living allowance of 2,400 JPY per day, housing accommodation is either on campus or nearby, commuting support where necessary, and a direct round-trip flight between your home or institution and Okinawa.

# General

## Research in Industrial Projects for Students

The Research in Industrial Projects for Students (RIPS) Program provides an opportunity for talented undergraduate students to work in teams on real-world research projects proposed by sponsors from industry or the public sector. The student team, with support from their academic mentor and industry mentor, will research the problem and present their results, both orally and in writing, at the end of the program.

### Eligibility

RIPS is a program for students who are enrolled in or have just completed an undergraduate (bachelors) degree. Students with a strong background in mathematics and an interest in seeing how mathematics is used in the real world are encouraged to apply. Most of the projects have a significant computational component, so that proficiency (or at least some experience) in computer science, data analysis or numerical computation is valuable, but not necessary for everyone. International students are eligible to apply for RIPS-LA.

### Timeline

Program dates: May-July 2020 (10-12 weeks)

Submission Date: 10 Nov 2019

Application deadline : February

Program duration : 9 weeks, Usually June to August.

### Documents Required

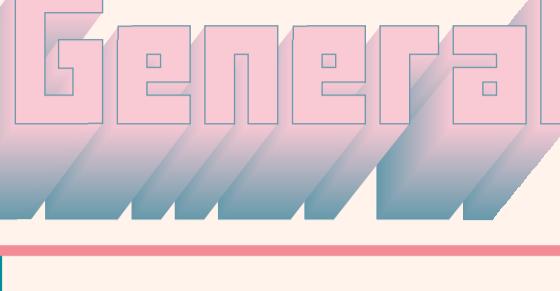
- Reference letters need to be uploaded on the MathPrograms webpage. You will be asked to enter your letter writers' names and email addresses.
- A transcript or academic record (listing your classes and grades) from your undergraduate institution is required, but it can be unofficial. The file submission happens on the application webpage.
- The application form will ask you to upload your resume/CV and transcript(s).

### Scholarship

Travel (airfare or mileage reimbursement) to IPAM is covered, subject to certain rules and limits. RIPS-LA students live in residence halls on the UCLA campus. Housing in the dorms is included. Most meals are covered as well. In addition, participants receive a stipend of \$3500.

### Virtual/Onsite

The internship is on-site with the pupils living on the UCLA campus. For more information, visit Research in Industrial Projects for Students (RIPS) 2017 (Overview) - IPAM (ucla.edu)



## Robotics Institute Summer Scholars (RISS)

### Eligibility

Applicants should be current undergraduate students with at least one full semester remaining after the RISS summer session for which they are applying.

### Timeline

November 1: Applications to be started accepting.

January 15 (12 Noon Eastern Standard time ): Deadline for Application

February: Selected participants informed

1st July: Program begins.

31st August: Program ends.

The Summer Scholars program lasts 11 weeks.

Accommodation: RI Summer Scholars are not housed on campus; on-campus housing is not available for the entire length of the program. Summer Scholars are responsible for finding housing. Some scholars may be invited by the supporting lab to stay for an additional period

### Documents Required

The RISS application includes the following pieces:

1. A resume.
2. Transcripts.
3. Recommendations.
4. Statement of purpose.
5. English Requirements: You will need to provide your TOEFL or IELTS scores if you have taken any of these exams in the last two years. If you haven't taken the TOEFL or IELTS exam, an interview will be conducted as a final step in the admissions process.

Strengthen Your application :

1. A strong academic record (for example a 3.5 or higher on a 4.0 GPA scale)
2. One or more research experiences at your home institution or with industry
3. Show a clear connection between your skills and possible projects/labs
4. Give references to prior scholar works (e.g., RISS posters and papers)
5. Relevant programming (e.g. C; C++) experience
6. One or more years of college or university
7. Have an engaging and meaningful statement of purpose with clear goals
8. Mention particular Robotics Institute labs or areas of interest
9. Must have strong letters of recommendation from academic advisors or faculty members

### Stipend

1. All selected scholars are considered for a range of scholarships and support.

2. RISS is a National Science Foundation Research Experiences for Undergraduates (REU) Site and a global research program.

Scholarships offered are-

RISS University Partner Scholarships.

The German Academic Exchange Service (DAAD) RISE Worldwide.

Carnegie Mellon Supported Scholars.

### How to Apply

Apply at the <https://riss.ri.cmu.edu/website>.

Most non-US participants apply for a J-1 intern visa.

You will receive an email from the Robotics Institute after you accept your offer.

This email will contain instructions on how to begin the immigration process and Carnegie Mellon will help you obtain the correct visa documents.

# General

## RTC Summer Research Program

### Eligibility

Students must have completed, at the minimum, their second undergraduate year of a recognized university science program by May 2020.

### Timeline

Complete online applications must be received NO LATER THAN 11:59 pm on February 28, 2020.

Due to the volume of applications received, only candidates selected for an interview will be contacted.

### Documents Required

Prospective students must apply ONLINE and submit the following:

1. A resume or curriculum vitae, including permanent and seasonal addresses
2. ONE cover letter that includes the area(s) of research you are interested in and three (3) investigators whose labs you would prefer to work in - List of Investigators
3. Unofficial transcripts (online transcript printouts are sufficient);
4. The names and contact information of two (2) references (academic preferred)

\* Reference letters are NOT required

Complete applications must be submitted online by midnight February 28, 2020. Only ONE application per person is permitted. All additional applications will be deleted.

### Stipend

Students will be paid at an hourly rate of \$14.00+ 4% vacation pay.

### How to Apply

Your application will be evaluated on the basis of the documents provided. The last step of the application process may include an interview conducted with the shortlisted candidates.

Before applying to make sure you have prepared all required documents as PDF files (max 10MB per file).

Please begin by exploring the faculty members in the participating hosting labs and their research topics.

You will be asked in your application to indicate one or two preferred research areas. This will help the program to coordinate optimal lab placements.

First, you need to register with SiROP. To register, search for your home university in the list provided or create an account using an email address. Try to find your university in the list provided. If your university is not in the list create an account using an email address and password.

After completing your SiROP registration, click the "Apply Now" button at the top of the linked SiROP opportunity.

# General

## S.N. Bose Scholars Program

There are no partner universities under the program. As part of the application, the students have to fill in their area of interest / potential research idea(s). If the student is selected, we try our best to make placements based on the area indicated by the student in the application form. The students are also free to get in touch with professors/ labs of their choice in the US (however it is not necessary). All in all, the program aims to provide the best possible internship experience to talented Indian students.

### Eligibility

1. Indian citizens currently pursuing a Bachelors or Masters' degree at a recognized institution of higher education and learning in India.
2. Open to students of Atmospheric and Earth Sciences; Chemical Sciences; Engineering Sciences; Mathematical and Computational Sciences; and, Physical Sciences.

### Scholarship

The scholarship includes the following:

- Stipend
- Airfare- Roundtrip (to be booked by IUSSTF travel desk)
- Health Insurance

### How to Apply

Step 1- Sign in through the Online Application Portal for Visitation Programs. (Use the link given on the top right hand corner of the webpage).

Step 2 -Verify your account using the link sent to your registered email id. Please check your spam/junk folders in case the mails are not received in your inbox from support@indousstf.org

Step 3- Login to the Online Portal with the registered Email Id. Please remember your User Id and Password for future references.

Step 4- Click "Apply for – Start Application"

Step 5- Fill in the required details in the form,

Step 6- You may preserve the entered information using the Save button given at the bottom of the form.

Step 7- You may retrieve the saved information using your login credentials and Submit the form upon completion.

# General

SRFP

## Eligibility

Students who have secured not less than 80% in Maths and Science subjects in their 10th and 12th standard or equivalent examinations, and not less than first class in graduation and post graduation (if applicable).

Students presently studying in I and II year of B.Sc., I, II & III year of B.S., I, II & III year of B.E. /B.Tech., I year of M.Sc. and I-IV year of Integrated M.Sc. can apply for Life Sciences.

Students presently studying in II & III year of B.Sc., II, III & IV year B.S., II, III & IV year of B.E/B.Tech., I year of M.Sc. and I-III year of Integrated M.Sc. can apply for Physical Sciences, Engineering Sciences and Mathematics.

Students presently IV year of BS-MS, I year of M.Sc. and IV year of Int. M.Sc. can apply for Materials Sciences and Chemical Sciences.

## Stipend

The students selected under this programme are placed with scientists at the Centre or elsewhere in India, for 2 continuous months with a stipend of Rs. 10000/- p.m.

## Documents Required

Please ensure that your completed application includes:

1. Two confidential reports sealed by the referee and with the referees' signatures across the seals.
2. Attested Xerox copies of relevant mark sheets etc.

Students who have already completed this programme earlier need not apply. Mention your "Area of Research" on the left hand top corner of the mailing envelope.

## Mailing Address

The Academic Coordinator  
Fellowships and Extension Programmes  
Jawaharlal Nehru Centre for Advanced Scientific Research  
Jakkur P.O., Bangalore 560064.

The filled in application form with attested documents should reach the address mentioned above.

# General

## Stanford Research Programs

### Eligibility

They accept applications from currently enrolled undergraduate students in good academic standing at an accredited college or university. All applicants must have atleast one, quarter or semester of their undergraduate education remaining after completion of summer program to be eligible.

### Timeline

NIG will cover costs of airfare, local transportation fares between airport in Japan and NIG, lodging in the institute's guesthouse, and travel insurance during the program. Allowance for meals (ca. 1,500JPY/day, subject to change) will also be provided.

### How to Apply

**Application Materials:** As part of the application form, applicants must submit the following materials:

1. Resume or CV
2. Academic Transcript (Unofficial transcript can be submitted)
3. Statement of Purpose describing your reasons for applying to the SURF program, academic/professional interests, experiences/preparation for research in your field of study, and why this program would be a good fit for your future goals. Statements should be typed, single-spaced in 1-2 pages.
4. Two Letters of Recommendation. We highly recommend letters from faculty, supervisors, and/or colleagues discussing your academic and research preparation for the program.
5. Optional Personal Statement
6. All application materials must be submitted by February 1, 2021 at 11:59pm pdt. All collection forms will automatic close on this deadline.

Decisions are made in late February/March and application updates would be sent to your mail directly.

# General

## Summer Research Programme Internship

The ISTernship (“IST-” + “(int)ernship”) is a summer internship program for Bachelor’s and Master’s students who are looking to expand their scientific research experience. Every summer since 2013, roughly 30-40 students join the ISTernship program and work closely with our faculty or a lab member on a short research project.

Internships are full-time and will be conducted exclusively in English.

### Eligibility

Candidates must be enrolled Bachelor or Master of Science students (or similar) in good standing at a degree granting institution.

They must have completed at least the fourth semester of their bachelor’s studies (before the respective start date).

Given the uncertainty around the COVID pandemic, the 2021 ISTernship call will be open to students located in Europe only.

### Timeline

2-3 months between May 15 and September 15. Exact dates and length are decided together with the supervisor.

### Documents Required

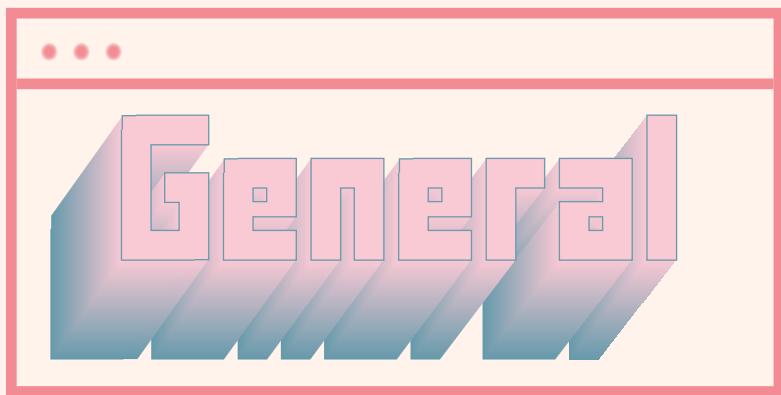
- CV
- Statement of purpose
- University transcripts and diplomas of all degree programs and all years you have attended and/or are currently enrolled in (we recommend to submit these in the original language as well as in English)
- Contact information of 1 or 2 referees

### Scholarship

- ISTerns receive a monthly compensation.
- The ISTernship program is developed in cooperation with the OeAD, the Austrian Agency for International Cooperation in Education and Research.
- The OeAD handles the scholarship payments for a period of up to 3 months between May 15 and September 15.
- Successful applicants receive assistance with travel and visa arrangements.
- Each successful candidate receives compensation to assist with the cost of living in Austria and travel to and from Austria.

### How to apply

- The application deadline for the 2021 ISTernship is February 15, 2021.
- For more detailed information about the application, see the ISTernship FAQ.
- The application period for the ISTernship program opens each year around mid-December when a link to an online platform will be published.
- The deadline for the application is in February. Reference letters are also due by February.



## **SUR Program, UNIL Switzerland**

### **Eligibility**

International undergraduate students in any biological or medical field (2nd and 3rd year only)

Academic record typically around a GPA>3.75 or equivalent, and/or top 5% class ranking. (If your university does not use a 4 point scale, then include an explanation of your grading scale in the online application (under curriculum vitae B). Differences in grading scales will be taken into consideration, but you must be in the top 5 % of your class)

Good writing and speaking skills in English

### **Timeline**

Around November : Application form release

Around January : Deadline for Application

Around May : Selected participants informed

Around first week of July : Program begins

Around last week of August : Program ends

### **Documents Required**

Transcripts: Please Upload in the Online Application Form saved in a Word, JPG or PDF format, in English, French or German.

You must arrange for two Recommendation Letters from people familiar with your academic work (e.g., professors).

The Recommendation Letter should be e-mailed directly by your referees to [sur@unil.ch](mailto:sur@unil.ch) before the application deadline

# General

## Taiwan International Graduate Program

### Eligibility

- A candidate with a bachelor's (B.S.) and/or master's (M.S.) degree are eligible to apply.
- To apply for admission, there is no set requirement for research experience
- Applicants who have only completed the Bachelor's degree are normally admitted into the Master's Program and then advanced to the Ph.D. program upon completion of Master's courses.
- If you are currently a student who will graduate soon, in the Education Background section, please choose the "will be obtained" option and fill in the expected month/year in which you will obtain your diploma/degree certificate.
- The test of English proficiency can be exempted for applicants who graduated from universities where English is the primary language of instruction.

### Timeline

The TIGP Admission Office receives applications November 2nd until February 1st in the following year.

Results of admissions are usually announced in late June / early July; admitted applicants may be enrolled in the following fall semester.

Application System available online November 2, 2020~February 1, 2021

Submission of required February 1, 2021~March 31, 2021

application materials by post

Review and evaluation February 1, 2021~April 17, 2021

Acceptance/Non acceptance

via email April 26, 2021~May 28, 2021

### Documents Required

English proficiency, as demonstrated per TOEFL score of at least (select one): 79 Internet-based TOEFL (TOEFL-iBT).

TOEFL institutional Testing Program (Toefl-ITP) is not the option of english proficiency.

IELTS: A minimum overall Band Score of 5.5 on the Academic Test is required for admission to programs that accept IELTS score (please refer to the specific admission requirements of your program)

TOEIC - a minimum score of 785.

All above test scores must be taken within the past two years.

English proficiency can be waived if applicants are from a university where primary language of instruction is English.

GRE General test & Subject test (requirements vary by program)

Academic transcript for coursework completed post high school.

Three letters of reference.

Statement of purpose.

In addition to the above general TIGP application requirements, please check this out for program-specific requirements

### Stipend

- Once admitted, TIGP candidates receive a stipend of NT\$34,000/month (approx. USD 1,130) for the first year.

- For students who perform well, this stipend will be extended for a further 2 to 3 years.

- Post the stipend allowance period, further financial support is dependent upon individual thesis advisors

### How to Apply

- While most TIGP programs/partner universities in TIGP do accept applicants with only a BS degree, applicants are strongly advised to check out detailed requirements stated on programs' websites to verify their eligibility for application.

- All the applicants can ONLY apply for ONE TIGP program.



## ThinkSwiss Switzerland

### About

Program for working on research projects in Swiss Universities. The aim of the program is to promote research opportunities in Switzerland for Indian, Australian and Singapore students and to foster the exchange between Swiss and Asia-Pacific universities & institutions. It is supported by Swissnex India.

### Eligibility

1. Applicant should be currently enrolled at an accredited institute
2. Applicant must be a master degree student or a bachelor degree student who will have completed the 2nd year by the time the research stay in Switzerland begins
3. The applicant must provide a written confirmation from a professor at a Swiss university that he/she will accept you for a research stay in his/her group.

### Documents Required

1. A cover letter outlining your research project and explaining why you would make a good future student ambassador.

2. A CV (no more than two pages)

3. A copy of your current university transcripts

4. A letter of acceptance from the professor and/or hosting institution in Switzerland and a confirmation letter on the University/Institute letterhead from the host professor. (For this, the student must conduct a due diligence process on his/her own.

Details of all universities can be found on <https://www.studyinswitzerland.plus/>.)

5. A letter of recommendation from a current professor who can attest to the applicant's abilities.

Selection will be done on the basis of your CGPA and former research activities undertaken by you as would be mentioned in the CV, transcripts,etc.

### Timeline

Submission of online application- Generally in January or February (This year, last date was 28 February, 2021)

Scholarship winners notified after a month of submitting the application and scholarship must be accepted within 10-15 days of receiving the notification

Research can be scheduled anytime between 1st June and 31st December as per the applicant's wish. The research usually lasts for 3 months (preferably June - mid September, can be extended but not beyond 31st December).

### Funding

The ThinkSwiss Research Scholarship provides a prorated amount according to the length of your stay, maximum upto three months: a monthly scholarship of CHF 1,600 (approx. USD 1,600) for a period of two to three months (CHF 4,800 maximum). This doesn't cover all expenses like insurance,etc. Please note that this amount covers only a portion of the average student's living expenses and that you will be asked to prove sufficient financial means to the Swiss Cantonal authorities before a visa can be issued. The whole amount of the scholarship money will be transferred to the bank account of the recipient shortly after his/her arrival in Switzerland.

\* Note: ThinkSwiss research internships are usually unpaid. Additional funding next to ThinkSwiss can be requested.

Students are responsible for their own housing.

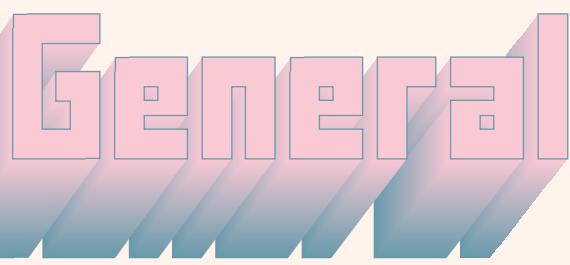
### Experience

It helps students in their personal and professional growth and is great for research and higher studies. According to former interns, weekdays are usually spent doing research, cooperating with several others and good supervisors. Weekends are usually off, spent in exploring the country.

Note:

1. Those who have already been granted this scholarship before cannot apply.

2. Usually, a maximum of 2 students per university can be awarded the scholarship.



# General

## UCLA Summer Research Opportunities collection

### Eligibility

An international student whose post-secondary education is completed outside of the U.S. is expected to hold a degree with an above-average scholarship from a university or university-level institution.

### Timeline

The timeline of various internships varies according to the year and program. Hence please refer to its website for regular updates.

### Documents Required

Every course has different requirements and procedures, so please check the website and follow it accordingly.

<https://urp.my.ucla.edu/>

Apart from this, if the applicant's first language is not English, he/she must certify proficiency in English when applying to UCLA. If he/she is admitted, they may also be required to confirm the command upon arrival.

The applicant must submit the scores from the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) Academic as part of their application.

### Stipend

Funding also varies from program to program, with many of the positions being paid. The applicants can also know about other expenses (viz. meal, accommodation, travel charges) after consulting their program coordinator.

### Virtual/Onsite

Every program has different requirements, hence please visit the website.

# General

## Vienna Biocenter Summer School

### Eligibility

They encourage applications from students (BA (Hons), Master, MSc) from all around the world who are undergraduate/master students and have completed at least two years of university study.

To apply you need to have one of the following:

Completed at least 2 years of a University study (e.g. 2-3 years of a Bachelor Hons study or 1 year of a Master study – by 30 June) as follows:

- (i) In Year 3 of a 4-year BA (Hons) or BSc (Hons) in a Life Science related subject
- (ii) In Year 4 of a 4-year BA (Hons) or BSc (Hons) in a Life Science related subject WITH an acceptance or intention to apply to a Master program (this will be checked later)
- (iii) In Year 1 of a 2-year Master course, MSc in a Life Science related subject
- (iv) In Year 2 of a US undergraduate Bachelor in a Life Science related subject
- (v) In Year 2 of a 4-Year BTech (India) in a Life Science related subject

Good academic record  
High level of English language  
Evidence of enrolment in a University program for the current academic year and the next year (if possible)

### Timeline

Duration: Wednesday 1 July and ends on the 28 August

The last date to apply for the Vienna summer scholarship in Austria 2020 is 31 January 2021 (2359 CET – Vienna time).

### Stipend

Vienna Summer School for international students is a fully-funded summer program. It covers:

- A stipend of 1400 euros for 9-weeks.
- Free accommodation
- Health Insurance
- Return Air Ticket
- A free travel pass for local transportation
- Social; cultural events

### How to Apply

All the candidates must read about the eligibility criteria and application FAQs before applying for the 2021 summer research program.

First, you need to complete an online application form. After completing the initial tasks, you will receive an official email to upload more information.(max 10MB per file).

Continue by exploring the faculty members in the participating hosting labs and their research topics.

You must indicate one or two preferred research areas. This will help the program to coordinate optimal lab placements.

First, you need to register with SiROP

To register search for your home university in the list provided or create an account using an email address. Try to find your university in the list provided. If your university is not in the list create an account using an email address and password.

After completing your SiROP registration, click the “Apply Now” button at the top of the linked SiROP opportunity.