Research Internship Schemes for Summer

Externally allocated schemes

• Carnegie Vacation Scholarships for Undergraduates
• RSC Undergraduate Research Bursaries

Internally allocated

• Laidlaw Undergraduate Internship Programme in Research and Leadership
• Undergraduate Research Assistant Scheme
• School of Chemistry EPSRC Vacation Bursaries

Other

• Opportunities at the Université Lille
• Science and Technology Facilities Council
• Université Joseph Fourier Bachelor Summer Programme (Grenoble)
• Taiwan International Graduate Program
### Carnegie Vacation Scholarship

(www.carnegie-trust.org/schemes/undergraduate-schemes/vacation-scholarships.html)

| Eligibility Criteria | • In penultimate year of study (3/4 or 4/5)  
|                      | • Scottish by birth or extraction (Scottish parent)  
|                      | • 2 years in Scottish secondary education  
|                      | • Project undertaken in St A chemistry  
|                      | • Student of “exceptional merit”  
|                      | • 1 submission per department |
| Application procedure | • Project lay summary - 200 words max  
|                      | • Full project outline – 2 pages A4 max  
|                      | • Why you? – 150 words |
| Stipend              | • 6 weeks  
|                      | • 8 weeks under exceptional circumstances  
|                      | • £225 per week |
| Other                | • Report submitted to Carnegie Trust by 15th October |
| Deadline             | to Head of School/Supervisor Friday 4th March  
|                      | Submission by supervisor by 15th March |

**NOTE:** Students should not apply directly or may be disqualified by the Trust
RSC Undergraduate Research Bursary

(www.rsc.org/Education/HEstudents/undergraduate-bursary.asp)

| Eligibility Criteria | • UK-wide participation – **only 90 places**!  
| | • Supervisor – preference given to new academics / PDRA  
| | • Max 4 applications per department  
| | • Must be in middle years of study (i.e. not 1st or last)  
| | • On track for 1st or 2.1; no previous research experience  
| | • Students are encouraged to look outside their home institution to find a placement |

| Application procedure | • Online form  
| | • Input required from student AND supervisor |

| Stipend | • £200 per week  
| | • 6-8 weeks duration |

| Other | • Final report & financial statement (usually Nov) |

| Deadline | **Submitted online by 5pm 21st February** |
### St Andrews Laidlaw Internship

(https://www.st-andrews.ac.uk/students/involve/laidlaw/)

| **Eligibility Criteria**                  | • All students in penultimate year of study  
|                                          | • “Most able students”  
|                                          | • 50 available          |
| **Application procedure**                | • “Interns will design, pursue and report on a research question of their own devising” |
| **Stipend**                              | • £400 per week  
|                                          | • 8-10 weeks duration  |
| **Other**                                | • Mandatory report and poster at Oct event  
|                                          | • Award appears on transcript |
| **Deadline**                             | 5pm Monday 9th February |
# St Andrews EPSRC Bursaries

| **Eligibility Criteria** | • Last and only chance for an internship  
• Based on academic performance and quality of proposal |
|-------------------------|-------------------------------------------------------------------------------------------------|
| **Application procedure** | • 1 page research proposal  
• Short paragraph (150 words max) – why you and what you hope to gain? |
| **Stipend** | • £200 per week  
• 6 weeks duration |
| **Other** | Number to be balanced with RA scheme (see next) |
| **Deadline** | Submission to fm40 by semester break (Friday 11th march) |
St Andrews Undergraduate Research Assistant Scheme

**Eligibility Criteria**
- available to undergraduate students only, in any year of their studies, including First Year

**Application procedure**
- 1 page research proposal
- Short paragraph (150 words max) – why you and what you hope to gain?

**Stipend**
- available in blocks of 6 hours, at £50 for each 6-hour block

**Other**
- developmental for the intern
- academic in nature
- research-based (related to either research or teaching)

**Deadline**
Horribly complex: [www.st-andrews.ac.uk/students/academic/internships/researchassistantscheme/scheduleforapplications/](http://www.st-andrews.ac.uk/students/academic/internships/researchassistantscheme/scheduleforapplications/)

By academics 5\textsuperscript{th} Feb – look out for adverts
Funded summer internships at ENSC Lille, France

Hollie McCarron - supervisor Pr Philippe Cotelle and Dr Cedric Lion (Lille 1 - ENSC-Lille)
"Synthesis of HIV-1 integrase inhibitors"
from the 1st of June to the 31st of July 2012

Steven Stanton - supervisor Pr Philippe Cotelle and Dr Fabrice Bailly (Lille 1 - ENSCLille)
"Synthesis of HIV-1 integrase inhibitors"
from the 1st of June to the 31st of July 2012

Ivonne Duran Hidalgo - supervisor Pr Patricia Melnyk (faculty of pharmacy of Lille)
"Synthesis of sigma-1 ligands as neuroprotectants"
from the 1st of June to the 31st of August 2012

Philipp Seeberger - supervisor Dr Oleg Melnyk (Institut of Biology of Lille -Pasteur Institute)
"Development of novel chemical tools for protein total synthesis"
from the 1st of June to the 31st of August 2012

Introduction lecture TBA
Please email Nick Westwood njw3@st-andrews.ac.uk if interested

http://www.ensc-lille.fr/
Vacation student scheme
(www.stfc.ac.uk/about-us/work-with-us/entry-level-opportunities/graduate-internships/)

The Science and Technology Facilities Council offer the opportunity for undergraduate students to gain practical work experience during their holidays.

Students can work for 4 -12 weeks at either:

- Rutherford Appleton Laboratory (Oxfordshire)
- Daresbury Laboratory (Warrington)
- STFC Headquarters Swindon
- UK Astronomy Technology Centre (Edinburgh)

Details for the 2015 vacation placements should be posted by mid March 2015:
http://graduatetalentpool.direct.gov.uk/cms/ShowPage/Home_page/p!ecaaefg
Université Joseph Fourier Bachelor Summer Programme

(www.ujf-grenoble.fr/international/bachelor-summer-program/)

**When?** 2\(^{nd}\) June - 13\(^{th}\) July

**Who is it for?**
It is designed for English speaking undergraduate students from 2nd to 4th year. A good level in science is required, with different prerequisites for each course. Beginners in French as well as more advanced ones are welcome.

**Provisional calendar**
January: announcement of the scientific courses available, associated fees, on line application opening

16 March: deadline for application

April: final acceptance

**Scientific courses (60 h):**
Introduction to large scale facilities: probing matter with neutrons and synchrotron radiation. (Crystallography and other neutron and synchrotron techniques. Application to the study of structure in condensed matter and in other domains such as biology, earth science, ...)

**Housing:** You will share a studio (22 m\(^2\)) with another international student in a private residence for an approximate cost of 300-350€. You will have access to an indoor pool, a tennis court and fitness facilities

**Fees:** Approx. €800

**Contact:** summer-program@ujf-grenoble.fr

APPLY DIRECTLY
Taiwan International Graduate Program (TIGP)
https://db1x.sinica.edu.tw/tigpSummer/

An all-English Ph.D. program supported by Academia Sinica (www.sinica.edu.tw), the most prestigious research institution in Taiwan. There are 12 programs offered by TIGP Internship, including:

• Chemical Biology and Molecular Biophysics
• Molecular Science and Technology
• Nano Science and Technology
• Sustainable Chemical Science and Technology

Application deadline: 29th February       Announcement of Results: March / April
Duration: 2 months with starts on 1st May, June or July

Eligibility
(1) Undergraduate students who will have been conferred a B.S. degree by August 2017.
    (Or students who will have been conferred a B.S. + M.S. dual degree by August 2017.)
(2) Students pursuing a Master's degree and holding a B.S. degree.
(3) Individuals holding a B.S. or Master's degree (student's pursuing a PhD degree are not eligible)

Stipend
TIGP and the hosting PI will together offer NTD 30,000 / month-tax free (~USD 1000) for two months. (TIGP will provide a monthly stipend of NTD 20,000 / months and the sponsoring faculty will provide additional monthly stipend of NTD 10,000 / month).

In addition, half of the cheapest round-way airfare at economy class of the batch will be provided to participating interns upon completion of the training program.
What next?

1. Talk to potential supervisors
2. Agree on most suitable scheme(s)
3. Talk to me (fm40, Rm 331)
4. Apply

These slides and other info available at: [chemistry.st-andrews.ac.uk/staff/fdm/teaching/Internships/](chemistry.st-andrews.ac.uk/staff/fdm/teaching/Internships/)