

ICIQ Summer fellowship Programme - 2022

[ICIQ Summer Fellowship programme](#) offers **up to 16 fellowships** to national and international undergraduate students to give them the opportunity to learn, work and live in an exciting environment of cutting-edge research in chemistry. Students are welcome to spend a three-month paid internship in one of ICIQ's research groups during the months of July, August and September.

These fellowships will be co-financed by "la Caixa" Foundation and ICIQ with the support of the "Severo Ochoa" Centres of Excellence Program 2019 (MCIN/AEI/10.13039/501100011033, CEX2019-000925-S, 2020-2023).

The undergraduates, mentored and supervised by a PhD student or a postdoctoral researcher, will carry out research projects with scientists at the forefront of their fields in addition to receiving training. During their stay, students will have access to ICIQ seminars and conferences. By the end of their internship, Summer Fellows will be required to present a short report and presentation of the work and results obtained.

This is a great opportunity for undergraduates to have an insight on the Institute research activities and to conduct research in an international scientific environment. Moreover, summer fellows are in an optimal situation to carry out [Master studies at ICIQ](#) and then apply for a future PhD position in our institute.

Deadline for applications: March 31th, 2022

Contact: summerfellowships@icq.es

Requirements

- The ICIQ Summer Fellowships programme is addressed to undergraduate students with a background in Chemistry, Physics, Chemical Engineering, Biochemistry, Pharmacy, Applied Math, Data Science, Biology or other related areas. Applicants with different studies from the above mentioned will be automatically discarded.
- Interested candidates should be preferably in the last year (or having accomplished 180 credits) of their undergraduate studies by the time of accepting the fellowship.

***Important note:** Please take into account that depending on your nationality, you might be required to get a student visa and in any case, you will need to follow European and Spanish mandatory Covid-19 regulations. **Therefore, if you are awarded with one of our summer**

fellowships, please make sure you will have your visa ready before the beginning of the programme on the first week of July.

Conditions

- ICIQ Summer Fellows will receive a total stipend of 2,000 € for the period of 3 months. If any of the fellows' stay is less than 3 months, the student will receive an amount proportional to their time spent at ICIQ.
- Summer Fellows will receive a maximum of 500 € (upon presentation of receipts) for travel to and from their place of origin.
- ICIQ will provide medical insurance in the event of accident or illness during the internship.

Research groups and their projects

- **Prof. Núria López:** Machine learning for materials in energy conversion to fuels and chemicals
- **Prof. Marcos G. Suero:** Skeletal editing with photoredox catalysis
- **Dr Mónica Pérez-Temprano:** Unlocking novel strategies in earth-abundant first-row transition metal catalysis
- **Prof. Arjan W. Kleij:** Catalytic Conversion of Biobased Carbon Feedstock to Fine Chemicals
- **Prof. Antoni Llobet:** Molecular redox catalysts for the generation of solar fuels
- **Prof. Antonio M. Echavarren:** Gold-Catalyzed Biomimetic Cyclizations
- **Prof. Pau Ballester:** Supramolecular sensing of molecules relevant to human health: synthesis and optical sensing studies
- **Prof. Feliu Maseras:** Computational study of mechanochemical processes
- **Prof. Julio Lloret-Fillol:** Development of catalysts for the CO₂ reduction to fuels
- **Prof. Carles Bo:** Computational design of new catalysts for hydrogen evolution reaction
- **Prof. José Ramón Galán-Mascarós/Dr Katherine Villa:** Photo(electro)catalytic activation of C-H bonds with nanostructured bismuth vanadate
- **Prof. Emilio Palomares:** Materials and molecules for Energy Conversion Devices
- **Prof. Miquel A. Pericàs:** Parallelization and adaptation to High Throughput Experimentation (HTE) of the redox-neutral Mitsunobu reaction for application in the discovery of new drugs
- **Dr. Katherine Villa:** Photocatalytic reduction of CO₂ by metal-free nanostructured materials

Application process/documents

Interested candidates will be required to fill out the application form and submit the following documents:

- **Letter of motivation:** Please express your interest in joining ICIQ this Summer. Please indicate also your availability of dates to start and finish your Summer stage at ICIQ.
- **CV**
- **Academic record:** transcript of records since the beginning of Bachelor, showing the programme, the university, the dates, the credits in each course, grades (and

corresponding scale), and average if available. For academic records not issued in Catalan, Spanish or English, a certified translation in one of the above-mentioned languages should be provided,

- Only applications received online via ICIQ official website <https://www.iciq.org/jobs-grants/position/summer-fellowships-call-2022/> will be considered

Please fill out the application form and submit the documents required in the Apply button.

Although applicants could select up to two ICIQ research groups, the first option will be prioritized for the selection process.

Evaluation process

Applications will be reviewed and evaluated by an internal committee. By the end of April 2022 we will contact all candidates to let them know whether they have been awarded with one of ICIQ's Summer fellowships. After acceptance by all successful candidates, a final list of the awardees will be available in ICIQ's website.

