

## **MASTER PROJECTS FELLOWSHIP PROGRAMME: GRANTS ASSOCIATED TO ICIQ MASTER RESEARCH PROJECTS-FIRST CALL 2021**

The Institute of Chemical Research of Catalonia (ICIQ) establishes the Master Projects Fellowship Programme with the aim to support university graduates from all over the world to enrol in the URV / ICIQ Master in Synthesis, Catalysis and Molecular Design or other Master programmes and to follow a research project in the area of chemistry that ultimately leads to the completion of a Master Degree.

The Master programme will be developed in English and the students will take advantages of ICIQ's cutting edge facilities.

These grants are addressed to highly qualified and talented graduate students with an enthusiastic interest in chemistry research. The students will have the opportunity to join one of the research groups at the ICIQ and will follow an individual master research project under the direction of an internationally renowned group leader in a creative and stimulating scientific environment.

Selected graduate students will be awarded a scholarship for full-time studies in order to achieve the Master degree.

### **I. Available Projects: See Annex 1.**

### **II. Application process**

All the application procedure will be done online. The call opening is on March 1<sup>st</sup>, 2021. Applicants must fill out and submit the online application form available at the Jobs & Grants section on ICIQ's website (<http://www.iciq.org/jobs-grants/>). Applications sent by email will be ineligible.

After completing the personal data fields, applicants must attach in a PDF file the following documents:

- a. Scanned copy of the academic record of the studies which provide access to the Master Programme. The academic record must include the average/final mark, the range of marks used in the corresponding country and the minimum mark to pass.
- b. Curriculum Vitae, specifying the completed degree and any relevant professional experience.

- c. Applicants must supply evidence of their proficiency in written and oral communication in the English language. Preferably, by the submission of a B2 certificate, First Certificate, IELTS 6 or equivalent. Alternatively, late stage candidates will be interviewed to assess their English level. Applicants from Anglosphere (UK, Ireland, USA, Canada, Australia and New Zealand) are exempted from this requirement

Please note that documents sent in hard copy cannot be processed. For academic records not issued in Catalan, Spanish or English, a certified translation in one of the abovementioned languages should be provided.

Only one application per person will be considered. In case of multiple applications, we will just consider the first application submitted.

Once the application has been successfully completed, an acknowledgement e-mail will be automatically sent. Candidates must ensure that all information is included before the deadline. Incomplete proposals will not be considered.

### **III. Eligibility and evaluation criteria**

The programme is open to graduate students, from any nationality that fulfil the following **eligibility criteria**:

1. Hold a University Degree in Chemistry, Physics, Biochemistry, Chemical Engineering or related disciplines that must be completed by the time of enrolment in the Master programme. Applicants with different studies from the abovementioned will be automatically discarded.

In case of doubts about the eligibility criteria, applicants should contact the ICIQ Human Resources Team at [positions@iciq.es](mailto:positions@iciq.es) prior to submission of the application.

Candidates who fulfil the eligibility criteria will be evaluated according to the following **evaluation criteria**:

- a. Curriculum vitae.
- b. Academic marks.
- c. English level.
- d. Personal interview for short-listed candidates.

#### IV. Evaluation and Selection Process

The evaluation and selection of the candidates will be performed by the Human Resources team, and the Master project supervisor following this procedure:

1. Submitted proposals will be checked for eligibility and those not fulfilling all the criteria will be rejected. There will not be the possibility to modify the application or to add missing documentation after the call deadline.
2. The selection will be merit-based according to the evaluation criteria described in Section III.
3. At the late stages of the selection process, short-listed candidates will be contacted for a personal interview.
4. All applicants will be notified of the final selection decision at the beginning of May 2021. The name of the awardees will be published on the ICIQ's website.

The ICIQ follows in its selection process a gender equally opportunity policy and a non-discrimination policy on the basis of age, ethnic or social origin, religion or belief, sexual orientation, language and disability.

#### V. Scholarships Conditions

1. Awardees will receive a scholarship of 750 €/month to help for their living expenses during the academic course.
2. On acceptance of the grants, awardees should hand in a copy of the enrolment document to a Master Programme.
3. The Master programme enrolment costs will not be covered by ICIQ. You can find further information on the Master programme [here](#).
4. The beneficiary will sign a scholarship credential with ICIQ.

#### VI. Incompatibilities

The Scholarship is incompatible with any other grant with the same purpose.

### Indicative Calendar

Call opening	March 1 <sup>st</sup> , 2021
Deadline	April 11 <sup>th</sup> , 2021
Start of fellowships	September-October 2021

Tarragona, February 25<sup>th</sup> 2021

Prof. Emilio J. Palomares Gil  
ICIQ Director

Dr. Laia Pellejà i Puxeu  
Communication & Administrative Director

## Annex 1: Available Projects

- Reference: Master **2021-01**. *Computational simulations of complex reactive mixtures.*  
Supervisor: **Prof. Carles Bo**
- Reference: Master **2021-02**. *Molecular redox catalysis for artificial photosynthesis.*  
Supervisor: **Prof. Antoni Llobet**
- Reference: Master **2021-03**. *Catalytic functionalization of saturated hydrocarbons.*  
Supervisor: **Prof. Ruben Martin**
- Reference: Master **2021-04**. *Computational nickel catalysis.*  
Supervisor: **Prof. Feliu Maseras**
- Reference: Master **2021-05**. *New strategies for the functionalization readily available raw materials by first-row transition metal catalysts.*  
Supervisor: **Dr. Mónica H. Pérez-Temprano**
- Reference: Master **2021-06**. *Carbyne transfer catalysis in organic synthesis.*  
Supervisor: **Prof. Marcos G. Suero**