

MASTER PROJECTS FELLOWSHIP PROGRAM: GRANTS ASSOCIATED TO ICIQ MASTER RESEARCH PROJECTS

The Institute of Chemical Research of Catalonia (ICIQ) establishes the Master Projects Fellowship Program 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 programs and to follow a research project in the area of chemistry that ultimately leads to the completion of a Master Degree.

The Master program 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 and 2.

II. Eligibility criteria

Hold a University Degree in Chemistry, Physics, Biochemistry, Chemical Engineering or related discipline.

III. Application process

All the application procedure will be done online. The call opening is on May 8th, 2018. 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/>).

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 Program. The academic record must include 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.

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 above mentioned languages should be provided.

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.

In accordance with the Personal Data Protection Organic Law 15/1999, 13th December, we inform you that we will proceed to include your data in the Curriculum Vitae data base that has been duly registered in the Data Protection General Register of the Spanish Data Protection Agency. The data provided will be used only for recruitment and selection processes carried out by the Organization. You may exercise your right to access, cancel, rectify or oppose this information by either writing to the Organization at the following address: Av. Països Catalans 16, 43007 TARRAGONA or by sending an email to: LOPD@iciq.es.

IV. Evaluation and Selection Process

1. The evaluation and selection of the candidates will be performed by the Master project supervisor.
2. The Master project supervisor will evaluate the documents received from all candidates and, when necessary, will call them for personal interviews.
3. The selection will be based on academic marks, the CV and personal interview (if performed).
4. Once a candidate is selected the name of the awardees will be published on the ICIQ's website. This call will end when all available fellowships are granted or on the call deadline on September 18th, 2018.
5. On acceptance of the grants, awardees should hand in a copy of the enrolment document to a Master Program. The applicant must include a copy of the voluntary insurance contracted when applying to the master program.

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 350 €/month for living expenses during the academic course. Additionally, awardees with a degree from a university other than the URV will receive 400 €/month for mobility expenses.
2. Awardees pursuing doctoral studies at ICIQ, after the completion of the master degree, will receive an additional scholarship of 350 €/month for their living expenses and, when eligible, 400 €/month for mobility expenses, until August 31st, 2019.
3. The Master program enrolment costs will not be covered by ICIQ.
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	May 8 th , 2018
Deadline	September, 18 th 2018
Start of fellowships	September-October 2018

Prof. Miquel A. Pericàs

ICIQ Director

Dr. Lluís Solà

ICIQ Administrative Director

Annex 1: Available Projects

- Reference: Master **2018/01**. Catalytic remote functionalization of C-H bonds.
Supervisor: **Professor Ruben Martin**
- Reference: Master **2018/02**. Design of allosterically regulated non-natural enantioselective catalysts for synthetically valuable metal-mediated transformations.
Supervisor: **Professor Anton Vidal**
- Reference: Master **2018/03**. Photo- and electrocatalytic C-C bond formation reactions mediated by earth-abundant catalysts.
Supervisor: **Professor Julio Lloret-Fillol**
- Reference: Master **2018/04**. Molecular redox catalysis for artificial photosynthesis.
Supervisor: **Professor Antoni Llobet**
- Reference: Master **2018/05**. Bioinspired Catalyst Design for the Synthesis of Polycyclic Natural Products.
Supervisor: **Professor Antonio Echavarren**
- Reference: Master **2018/06**. Rational design of transition metal-based processes based on fundamental mechanistic knowledge
Supervisor: **Dr Mónica H. Pérez Temprano**
- Reference: Master **2018/07**. Oxidative coupling mechanisms through calculation.
Supervisor: **Professor Feliu Maseras**
- Reference: Master **2018/08**. Photochemical Amination Reactions of Aliphatic C-H Bonds within the Halide Oxidation Manifold calculation.
Supervisor: **Professor Kilian Muñiz**

