

TECNALIA CORPORATION SCHOLARSHIPS

Fundación AZTI/ Fundación TECNALIA RESEARCH & INNOVATION

PhD SCHOLARSHIP SCHEME CALL FOR APPLICATIONS 2016

CALL SPECIFICATIONS

1. PURPOSE of the SCHEME

The purpose of this call is to award 13 scholarships to help beneficiaries (hereafter "trainee research staff"), to complete **their doctoral dissertations** while they are at one of Fundación AZTI or Fundación TECNALIA RESEARCH & INNOVATION (hereafter "TRI") centres.

In particular, the 13 scholarships offered in this scheme are as follows:

- Development of Marine Spatial Planning tools and application in the Basque Country. Fundación AZTI-AZTI Fundazioa
- Application of analytical process technology to assess food quality and efficiency. Fundación AZTI-AZTI Fundazioa
- New Bio-inspired Techniques aimed at solving Data Optimisation and Analysis Problems and their implementation in Big Data Architecture. Fundación TECNALIA RESEARCH & INNOVATION
- Development of new High Entropy Alloys (HEA) Fundación TECNALIA RESEARCH & INNOVATION
- Enhanced Accuracy for Machine-Tooling. Fundación TECNALIA RESEARCH & INNOVATION
- Smart Design Incidence on the Success of Technology Transfer to Industrial SMEs Fundación TECNALIA RESEARCH & INNOVATION
- Development of inorganic hollow fibre membranes for gas separation. Fundación TECNALIA RESEARCH & INNOVATION
- Ultra-reactive Cement and Pozzolan Design through Multi-Scale Model Simulation. Fundación TECNALIA RESEARCH & INNOVATION
- Grid integration of large amounts of renewable energy by means of High Voltage Direct Current (HVDC) transmission systems. Fundación TECNALIA RESEARCH & INNOVATION

- Development of optimised solar thermal collector for medium-temperature (100-250 °C) energy generation. Fundación TECNALIA RESEARCH & INNOVATION
- Cybersecurity and Confidence in Critical Infrastructure (CI) Fundación TECNALIA RESEARCH & INNOVATION
- Industrial Process Optimisation Measure to improve, measure to acquire knowledge Fundación TECNALIA RESEARCH & INNOVATION
- Numerical models for damage detection in reinforced concrete structures subject to fatigue. Fundación TECNALIA RESEARCH & INNOVATION

2. BENEFICIARIES

- Higher/University graduates
- Recently completed Master degree preferably in the field of the scholarship application.
- The call is open to graduates and engineers who have completed a Master degree after 1st February 2013 and on the date featured in this call. Or who on the date of this call are already enrolled in a Master course. *(In the event of failing to meet these criteria, candidates demonstrating experience in the criteria required will also be considered)*

3. PROGRAMME CHARACTERISTICS

Duration: The scholarship duration will not exceed **four years** pursuant to the provisions of the Trainee Research Staff Statutes. The first two-year period is subsidised with a grant and the second maximum two-year period with a training contract. Renewable for 1 year periods.

Should the doctoral dissertation be completed prior to the end of the four year period, the training programme will expire the month when the dissertation is defended.

Monetary allowance: The gross monthly allowance during the **grant period** will be **€1,000**. During this period, trainee research staff awarded with the grant will be entitled to a monetary allowance during the grant period (not as a salary) and to be included in the General **Social Security** System under the terms and conditions included in

Section 1 of the Supplementary Provision of Royal Decree 63/2006. Moreover, pursuant to the provisions of Article 6.e) of the abovementioned Royal Decree, trainee research staff shall have the same obligations corresponding to those registered in the General Social Security System during the grant period. During this time, the allowance is not subject to Personal Income Tax, in accordance with the provisions of Article 9 of the Provincial Regulation 3/2014, dated 17th January, on Personal Income Tax for the province of Gipuzkoa, Article 9 of the Provincial Regulation 13/2013, dated 5th December, on Personal Income Tax for the province of Bizkaia and Article 9 of the Provincial Regulation 33/2013, dated 27th November, on Personal Income Tax for the province of Alava.

From the year three, a **work experience agreement** will be entered into by the trainee research staff and Fundación AZTI or Fundación Tecnalia Research & Innovation (TRI) depending on the centre or institution of registration and receiving

the remuneration to which they are legally entitled.

Starting Date (approx.): 1st February 2016, although beneficiaries of any of the 13 scholarships awarded in this scheme may start as soon as the scholarship is allocated/awarded. In the event the starting date is after the **1st February 2016**, the provision will be adjusted to the days when the scholarship is used. Regardless of the stating date at the Centre where the programme is conducted, the end date for the first year grant period will be **31st January 2017**.

4. APPLICATION SUBMISSION

4.1 Submission: Applications will be processed using the Application Form available from Fundación AZTI and TRI website.

(www.azti.es and www.tecnalia.com)

4.2 Dates: Applications may be submitted within 3 weeks from the date the call is published.

4.3 Conditions: To apply for the allowance, candidates must be in possession of a **Higher University or Master Degree** preferably in the field of application of the scholarship; or those enrolled in one of the aforementioned degrees at the time of the call.

4.4 Languages: Applications may be submitted in Spanish, Basque or English.

4.5 Documentation required for the application includes:

4.5.1. A duly completed application form must be submitted through Fundación AZTI or TRI website.

4.5.2. A passport size photograph

4.5.3. CV and academic record

4.5.4. Fundación AZTI or TRI may request additional documentation.

4-6 The same candidate may only take part in a maximum number of 3 shortlisting processes to become a beneficiary of any of the scholarships listed in point 1 of this scheme. The allocation/award of any of the scholarships listed in point 1 of this scheme shall automatically prevent the same candidate from becoming a beneficiary of any other scholarships in this scheme.

5. SHORTLISTING & AWARD NOTIFICATION PROCESS

5.1 Selection Criteria

Fundación AZTI or TRI will appoint a Panel of Experts to award the grants offered in this scheme.

First, the applications are assessed using the following criteria:

- Fulfilment of degree requirements as per call
- CV and academic record
- Degrees

This **first phase** of the shortlisting processes will be carried out exclusively based on the information provided by the applicant via Fundación AZTI or TRI websites. The applicant must provide proof of all documentation provided.

Fundación AZTI or TRI will assess the equivalence of foreign degrees and national degrees.

Candidates who have completed foreign degrees must be officially recognised as equivalent at the time of application submission.

The **second phase** of the short-listing processes will initially include a technical screening, followed by a personal interview with candidates who obtained the highest score which consisting of the following:

- Knowledge of languages
- Subject of the end-of-degree project; technical work completed; research or any other merit presented by the applicant;
- Personal skills and competences

5.2 Notification and Publication

Each scholarship awarded through this scheme will be allocated/awarded to candidates shortlisted at the end of each selection process. Candidates who have been short-listed accordingly and interviewed but did not receive the scholarship will be kept on a waiting list. Should there be any vacancies for the scholarships awarded, Fundación AZTI or TRI may select a new beneficiary from the waiting list.

Throughout each selection process, applicants will be informed of the process progress via email. The official awarding of each scholarship offered through this scheme will be notified as they are allocated/awarded, via email to the corresponding beneficiary by Fundación AZTI or TRI. Furthermore, the allocation/award of each scholarship offered through this scheme will be published as soon as it takes place on AZTI and TRI websites.

Should any scholarship award be declared null or void (not awarded) or the Scheme being awarded modified, Fundación AZTI or TRI reserves the right to make any decisions deemed appropriate under the spirit of this scholarship award call.

6. BENEFIT CONDITIONS

6.1 Legal Framework

This Grant Programme call for applications is regulated by current Specifications and the provisions of Royal Decree 63/2006 of 27th January which approves the Trainee Research Staff Statutes, will be applied.

6.2 Terms and conditions

To start benefiting from the scholarship the beneficiary will join the Attached Centre where training will be imparted, undertaking to complete the programme scheduled and comply with Fundación AZTI or TRI rules at all times, displaying the attitude and interest required to make the most of the scheme.

Trainee research staff will be assigned a tutor and a doctoral thesis Director. Always in compliance with the university where the dissertation will be undertaken. Both roles could be performed by the same person. This will be carried out notwithstanding the general control of trainee research staff activities which Fundación AZTI or TRI may reserve at all times.

Notwithstanding provisions included in 4.6 of this scheme, the benefit period for this Grant Scheme is not compatible with reception of any other Grant (except for supplementary allowances referred to in section d) of art 5.1 of EPIF), professional fees or remuneration for services carried out in a self-employed or employed capacity.

Fundación AZTI or TRI reserves the right to demand reimbursement of any allowances paid in the event of non-compliance with the Programme.

Fundación AZTI or TRI reserves the right to request a report detailing activities carried out, at any time of the year by the trainee researcher. Failure to produce this report or an unsuccessful assessment by Fundación AZTI or TRI may lead to immediate termination of the scholarship. This decision will always be justified.

In addition, the following **reasons may be considered to terminate a grant** or, for temporary suspension thereof, if applicable:

- the planned training outcomes cannot be achieved;
- clear misuse of the scholarship;
- equipment and material misuse;
- failure to observe centre rules;
- lack of confidentiality;
- improper communication (form or content) of the activity carried out; and
- other types of behaviour which may reveal attitudes contrary to the scholarship aims or people, assets or behaviour standards of the attached centre.

6.3 Rights and Obligations

Beneficiaries will be bound to the following rights and obligations:

The economic allowance specified in the current call for applications will be assigned to beneficiaries for training purposes.

Beneficiaries will have the opportunity to receive additional training on top of the grant contents, according to Fundación AZTI or TRI rules.

Fundación AZTI or TRI will be available at all times to deal with their requirements.

Regarding security and accesses, they will be subject to compliance to internal Fundación AZTI or TRI regulations where the activities are carried out.

Any intellectual property rights derived from the research training activity carried out by the beneficiary and which according to his/her contribution will belong to the beneficiary, pursuant to the provisions of the revised text of the Intellectual Property law, enacted by the Royal Legislative Decree 1/1996 of 12th April. The abovementioned rights will be independent, compatible and accumulative to other rights which may be derived from the research activity carried out, notwithstanding determining factors derived from collective work when the beneficiary participates or is involved in a collective research project.

The matters subject to research or study at the centre and after the allowance is used must be treated with maximum confidentiality and express approval of Fundación AZTI or TRI must be sought for their use and/or dissemination to third parties.

Any other rights and obligations set forth in the Royal Decree 63/2006 which approves the Trainee Researcher Staff Statutes.

Fundación AZTI or TRI will be subject to the rights and obligations set forth in the Royal Decree 63/2006, which approves the Trainee Research Staff Statutes and will monitor the correct training performance, facilitating the tasks to be carried out by trainee research staff.

Any publication derived from the research activity must make a reference to the scholarship

provided by Fundación AZTI or TRI, which will also receive a copy.

Fundación AZTI or TRI will issue a Diploma accrediting the activity carried out from the start of the third training year.

7. OTHER CONDITIONS

Applying to the scholarship automatically implies acceptance of these specifications and Fundación AZTI or TRI will resolve any issue which may arise.

Fundación AZTI or TRI reserves the right to make any changes to these “Doctorate Grant Scheme 2016” call for applications 2015 specifications as it may consider appropriate or even to end the call for applications, in particular including but not limited to the event of legal amendments modifying the terms and conditions of the original scheme.

All contents of the scholarship/allowance scheme are totally confidential. Therefore, during the allowance/scholarship validity term and once terminated due to whatever reason, the allowance/scholarship beneficiary expressly undertakes to maintain confidential any information, documentation, work methodology and/or any other item provided or facilitated by the concessionary during the term of this scholarship scheme. In the event of non-compliance by the beneficiary with the confidentiality commitment set forth in this clause, the concessionary reserves the right to undertake any corresponding legal action to repair any damage and loss which may be derived from non-compliance by the scholarship beneficiary.

Moreover, scholarship beneficiaries expressly agree to their full names being included in a list of beneficiaries published on Fundación AZTI or TRI website.

8. INFORMATION

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