

# Thornton Tomasetti Foundation

## UK Scholarship

November 2015

### For 2016 - 2017 Academic Year

#### Overview

The Thornton Tomasetti Foundation (TTF) was established in 2008 with a mission to fund fellowships, scholarships and internships for undergraduate students and those planning to pursue graduate studies in building engineering, design or technology. To date, TTF has awarded three national \$10,000 scholarships per year in the United States, since the beginning of the 2012 - 2013 academic year. For the 2016 academic year the TTF intends to add a fourth United Kingdom scholarship of £5,000. The scholarship award is based upon candidates' career goals, academic accomplishment and demonstrated interest in the integration of engineering and architecture.

We are hoping that UK universities offering an appropriate engineering course will help the TTF to identify the most promising and deserving students, by asking that each university present their best candidate for the scholarship. The university can identify the candidates by whatever means they wish; this document describes the ethos of the Scholarship and what TTF is looking for, to aid you in the selection process. It also outlines key processes and dates for the applications.

We do hope that you will take part by presenting a candidate and look forward to hearing from you in early 2016. In the meantime, if you have queries of any kind, please feel free to contact us at [infoUK@ThorntonTomasettiFoundation.org](mailto:infoUK@ThorntonTomasettiFoundation.org)

#### 1. Goal of the Scholarship

The £5,000 scholarship offers financial support for an individual who endeavors to make an impact on the structural design of buildings. The goal of the scholarship is to help the student gain an appreciation of the integration of structural engineering and architecture. Although the intent is to award one annual UK scholarship, the Foundation reserves the right not to award or to split the award as it deems appropriate.

#### 2. Eligibility

The applicant must be a student about to enter the final year of a masters programme (MEng or equivalent) or start a standalone masters programme (MSc or equivalent). The MEng or MSc programme may be any of civil, structural, or architectural engineering (or specialist variants of these) containing courses with structural engineering content. The candidate may be a full- or part-time student provided they complete their masters programme within 24 months of enrollment.

Candidates must intend to enter the professional practice of structural engineering or architectural engineering in the building field upon completion of their degree.

### **3. The Application Process**

Each university can present one candidate for the scholarship. Candidates must be nominated to us by the head of the department overseeing the degree programme. (Alternatively, the university may nominate a member of the teaching staff to manage the application process and submit a candidate.)

The head of department should send us the submission for their chosen candidate, consisting of the documents listed in Section 4 below. The submission should be sent via email to the Thornton Tomasetti Foundation ([infoUK@ThorntonTomasettiFoundation.org](mailto:infoUK@ThorntonTomasettiFoundation.org)) by 26<sup>th</sup> February 2016.

The head of department may additionally describe any relevant financial need of the candidate but please note that financial need is not a requirement to apply for the scholarship.

The Thornton Tomasetti Foundation jury will meet in March 2016 and notify the participating university of its successful candidate by the first week of April.

### **4. Submission Requirements**

We request that the following documents are prepared by the university to accompany the candidate's submission:-

- A one page letter of nomination from the head of department or if more appropriate from the candidate's tutor.
- A copy of the applicant's most current academic transcript and their predicted degree classification.

The candidate should prepare the following to be included in their submission:-

- Short answers to the following questions (no more than 75 words each).
  1. Why did you choose your current degree?
  2. Describe a day in the life of your perfect job.
  3. How do you think you can make a difference/contribution to the engineering profession?
  4. Describe something you are passionate about and tell us why (it does not have to be related to the Built Environment).
  5. Describe the biggest challenge you have faced, academically or otherwise, and how you tackled it.
  6. Where do you see yourself in ten years' time?
- An essay of no more than 500 words describing their interest in the integration of engineering and architecture. The applicant may include photographs or images that convey the message in the essay.

## 5. Recipient Responsibilities

The candidates should be made aware of the following requirements TTF asks of them if they are successfully awarded the Scholarship:-

- Provide a high resolution headshot (in .jpg format) for the Foundation to use to announce the UK Scholarship.
- Complete the masters programme within 24 months of enrollment.
- Provide progress reports (up to 750 words with illustrations if needed) within 15 days of the end of each academic term.
- Provide a final report (up to 1,500 words with illustrations if needed) upon completion of the masters programme along with an official copy of his or her transcript.

If the recipient decides to change the course of study or does not complete the established programme at the university, scholarship reimbursement will be in accordance with the university policies. TTF should be contacted also to determine an appropriate course of action.

Thank you for taking the time to help us create the engineering leaders of the future.