



**Temporary Works
forum**

Promoting best practice in
the construction industry.

TW23.039 (27.3.23)
Temporary Works Forum (TWf)
– Academic Research and Scholarship Fund

1.0 Aim

- 1.1 The aim of the **Temporary Works Forum (TWf) – Academic Research and Scholarship Fund** is to encourage the study of Engineering and promote awareness and research into temporary works.
- 1.2 In particular, the aim is to:
- encourage students from disadvantaged backgrounds;
 - promote collaboration between industry and academia; and
 - improve safety and sustainability within the construction industry.
- 1.3 It is hoped to promote:
- collaborative research projects between industry and academia looking into ‘temporary works’;
 - engagement with University Civil/Structural Engineering Departments and academics.

2.0 Awards

- 2.1 The value of an award will depend upon the quality of the application. Applications are invited for the following awards:

Category	Amount *	Period *
Year 12	£1k	
Foundation Year	£1.5k	
Undergraduate Study	£1.5k per academic year	Up to 4 years
Postgraduate Study	£3k per academic year	Up to 5 years
* The TWf retains discretion to adjust these values.		



3.0 Criteria

- 3.1 The funding is intended as a gift to the university to cover all or part of the direct costs (and excludes institutional overheads, administration fees and other indirect costs). The TWf is not registered for VAT.
- 3.2 Students must be mentored for the duration of the award by a TWf member.
NOTE: If required, the TWf should be able to assist in this respect.
- 3.3 Awards can be used to support study that is part-time or full-time. Study can be conducted by an individual or group at any stage of their career.
- 3.4 An award may:
 - be made towards paid work placements, e.g. a year in industry;
 - be used to provide financial assistance with software, equipment, materials and testing (but not travel).
- 3.5 Projects may be undertaken by one or more students. Awards are not transferable to other supervisors or projects.
- 3.6 The publication of an 'output' is strongly encouraged, e.g. report, paper, publication, dissertation, etc. Any such paper(s) should acknowledge the support of the 'TWf Academic Research and Scholarship Fund'.
- 3.7 Generally, each supervisor may make one application per year.
- 3.8 Applicants should be based in the UK.
- 3.9 If you're a student and interested in an award, please consult your teacher and/or supervisor.
- 3.10 The TWf reserves the right not to make an award (or to make more than one award each year to a supervisor).
- 3.11 **Funding:** It should be noted that financial resources are limited within any one calendar year. Therefore, it may not be possible to fund all applications.



4.0 Assessment

- 4.1 Applications will be assessed on:
- (a) how it encourages students from disadvantaged backgrounds
 - (b) promoting collaboration between industry and academia (including cross-school, guest lectures, career events, etc.)
 - (c) the potential for improvement to safety and sustainability within the construction industry
 - (d) technical quality and/or the extent of innovation
 - (e) its feasibility and impact in relation to a practical problem
 - (f) the likelihood or scope for further research
 - (g) value for money.
- 4.2 Additional criteria are:
- (a) how the study meets the aims/objectives and research priorities of the TWf (see **6.0**, below); and
 - (b) how any findings will be published and disseminated, e.g. report, paper, publication, dissertation, etc.
- 4.3 The assessment process will be overseen by the TWf Secretary on behalf of the TWf directors.

5.0 Application

- 5.1 To be considered for an award, please submit your application (using the application form provided, **TW23.039**) - in English - to the TWf Secretary at secretary@twforum.org.uk.
- 5.2 Applications should:
- be completed and signed by the university and/or academic (and, preferably, endorsed by the industry partner)
 - indicate the desired staged payments with respect to any deliverables (and to whom payment(s) should be made); and
 - indicate the timescale for any 'outputs', e.g. report, paper, publication, dissertation, etc.
- 5.3 The industry partner can support the project through funding, equipment and materials for students, mentoring and supervising work. Any such in-kind contribution should be estimated.
- 5.4 Where an application is for work that forms part of a larger project, the application must state exactly which part(s) of the project the award will fund.
- 5.5 Where unsuccessful, brief feedback will be provided.



5.6 **Timing:** Applications can be made at any time (although it should be noted that financial resources are limited within any one calendar year).

6.0 Topics for study

6.1 Applications are encouraged on the priorities listed in the following:

- **TW18.033** (<https://www.twforum.org.uk/viewdocument/research-and-guidance>)
- **TW18.010** (<https://www.twforum.org.uk/viewdocument/temporary-works-research>)

6.2 In addition, the TWf's aims and objectives can be found here:

- <https://www.twforum.org.uk/about-us/aims-and-objectives>

7.0 Conditions of the grant

7.1 By accepting an award you agree to:

- select suitable student(s) and/or researcher(s) to undertake the project, provide the required supervision and arrange the necessary resources for the successful completion of the project
- work with a TWf member as an industry partner
- submit a short progress report annually
- deliver any 'outputs', e.g. report, paper, publication, dissertation, etc. (as identified in your application)
- inform the TWf Secretary of any changes in circumstances that would affect the proposed project, at the earliest opportunity
- allow all project details to appear on www.twforum.org.uk

7.2 An applicant may be asked to present their research at other events, although this is not a condition of an award.

7.3 Before any payment(s) is made, the academic partner will be required to sign a gift agreement with the TWf. See template, **TW23.041** (a similar alternative may be acceptable).

7.4 All outputs and associated intellectual property (IP) are to be shared openly between the academic partner and the TWf (for the benefit of the industry at large).

7.5 Non-disclosure agreements (NDAs) should be avoided, unless by prior agreement and for specific reasons (to be declared).

7.6 Outputs should highlight any copyright and/or IP issues, e.g. use of third-party data, images, diagrams, etc.).



- 7.7 Formal publications to be approved by both the TWf and the academic partner prior to issue and publication.

8.0 More information

- 8.1 If you require any more information please Email the TWf Secretary at secretary@twforum.org.uk

9.0 Previous awards

9.1 Awards 2020

University of Salford

Three research-focused scholarships awarded to undergraduate students

University of Northumbria at Newcastle (with the London School of Economic and Political Science)

Enhanced cross-functional collaboration within engineering

Swansea University (via Swansea Innovations)

Failure mechanisms and parameter preferences for the design and construction of rebar cages

University of Liverpool

Structural assessment of high-performance steels for strut members (SAFE-STRUTS)

9.2 Awards 2021

University of Salford

Three research-focused scholarships awarded to undergraduate students

University of Northumbria at Newcastle (with the London School of Economic and Political Science)

Enhanced cross-functional collaboration within engineering (Part 2)

9.3 Awards 2022

University of Salford

Two research-focused scholarships awarded to undergraduate students and an MSc grant

University of Liverpool

Applications of Cold-Formed High-Performance Steels in Structural Engineering (AppCoDE-STRING)

High-Strength Steel Circular Tube Filled with Low-Carbon Concrete Loaded Axially (HiSS-Locrete)