



**International Federation of  
Engineering Education Societies**

# **IFEES DUNCAN FRASER GLOBAL AWARD FOR EXCELLENCE IN ENGINEERING EDUCATION**

## **Nomination Guidelines**

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### **Introduction**

IFEES is committed to effective and accessible engineering education around the world. IFEES fosters synergistic interaction among member organizations to strengthen their capacity to support engineering faculty and students. IFEES cultivates connections between international corporate partners and engineering graduates qualified to work in dynamic global environments. IFEES promotes the development of intercultural skills for collaboration with colleagues of diverse cultural backgrounds.

The IFEES Duncan Fraser Global Award for Excellence in Engineering Education recognizes individuals who have made innovative and meritorious contributions having a significant impact on the advancement of engineering education. IFEES encourages nominations of outstanding candidates from all regions of the world.

The IFEES Duncan Fraser Global award for Excellence in Engineering Education, previously known as the annual IFEES award, was named in honor of Duncan Fraser in 2015. Dr. Fraser was president-elect when he passed away on July 19, 2014 and would have been IFEES' 5<sup>th</sup> President. At the time of his passing, Dr Fraser was serving as Emeritus Professor of the Department of Chemical Engineering at the University of Cape Town in South Africa, where he had been a lecturer since 1979. He had also served as the founding Secretary General of the then-fledgling African Engineering Education Association (AEEA). Dr. Fraser was an extraordinary person, educator and leader, who was driven by his passion for Africa, students and engineering education. He was devoted to the success of all students, particularly those from diverse educational backgrounds, and went to great lengths to improve equity, student engagement and inclusion. His passion for teaching reached beyond students, and he inspired and mentored many educators and colleagues across the globe. Those who knew him often commented on his humility, which was inspired by his spirituality-driven character. The impact of his work and passion inspired IFEES to rename its annual award in his honor.

The Global Award will be presented at the World Engineering Education Forum/Global Engineering Deans Council (WEEF/GEDC) Conference in Madrid, Spain on November 15-18, 2021 ([weefgedc2021.org](http://weefgedc2021.org)) and celebrated at the IFEES annual Duncan Fraser Awards dinner. The winner of the 2021 Duncan Fraser Award will receive a one-time monetary prize of US \$1,000, a medal, a roundtrip (economy class) ticket and lodging at our WEEF 2021 conference hotel in Madrid, Spain.



## Eligibility

It is not necessary for the nominee to be a member of an IFEEs member society; however, the nominator must be the representative of an active IFEEs member society. A list of member representatives may be found on the Members page of the IFEEs website ([ifees.net/members](https://ifees.net/members)). Members of the IFEEs Executive Committee and members of the Award Committee are not eligible to be nominated for the award.

## Nomination Process

1. The nominator may nominate only one individual for the award.
2. The nomination package must include:
  - a. Completed Nomination Application ([Click here to download](#)). The application contains three sections:
    - i. Nomination Details
    - ii. Statement of Impact
    - iii. Rationale for Nomination
  - b. CV of the nominee
  - c. Three letters of support
3. The completed nomination package must be submitted by e-mail to Ariela Sofer ([asofer@gmu.edu](mailto:asofer@gmu.edu)) and Hans Jürgen Hoyer ([h.hoyer.ifees@gcdc.info](mailto:h.hoyer.ifees@gcdc.info)). Please also CC Alikı Pappas ([a.pappas@ifees.net](mailto:a.pappas@ifees.net)).
4. The nomination package must be received by **June 30, 2021**.

## Guidelines for accompanying documents

1. Nomination Application ([Download](#))
  - a. Nomination Details
  - b. Statement of Impact (**not to exceed 2 pages**)
  - c. Rationale for Nomination (**not to exceed 5 pages**)
2. Three Letters of Support (**1 page each**)
3. Nominee CV (**not to exceed 4 pages**) including:
  - a. Name
  - b. Contact information
  - c. Educational qualification(s)
  - d. Relevant experience
  - e. Relevant publications
  - f. Relevant awards and honors

**Please note that all nominations must strictly adhere to the page limits.**

## Award Criteria

The IFEEs Duncan Fraser Global Award for Excellence in Engineering Education committee will review each completed nomination based on the following criteria:

- Response to a need
- Degree of innovation in engineering education
- Broader impact (significance and scale)
- Educational Impact



- Theoretical background
- Curriculum development
- Development and use of educational tools
- Excellence in teaching
- Engineering Impact
  - Research and development activities
  - Training of engineering educators or students
  - Mentorship of new faculty and students
- Overall Impact
  - Outstanding professional service
  - Impact on diversity and the workforce
  - Outstanding contributions to engineering education literature

All types of contributions to engineering education are considered, for example: curriculum development, pedagogical research and development, faculty development, mentoring, development of educational materials, increasing diversity, and professional leadership. The broad impact of the work must be clearly established in terms of measured outcomes.