

IFEES DUNCAN FRASER GLOBAL AWARD FOR EXCELLENCE IN ENGINEERING EDUCATION

2024 Nomination Application

Nominee's Name Title Affiliation



IFEES Duncan Fraser Global Award

LETTER OF NOMINATION

Please note, it is not necessary for the nominee to be a member of an IFEES member society. The Nominee is required to be recommended by a member of an IFEES Member Society. Nomination must secure the signature of the IFEES representative of the society. An active IFEES member society may submit multiple nominations.

Nominator Information

Name:	
Professional Affiliation:	
Title:	
E-Mail:	
Telephone Number:	
Address:	
IFEES Member Society:	

Confirmation by IFEES Member Society Representative

By signing the line below the IFEES Member Society Representative confirms that the enclosed nomination is on behalf of the IFEES member society

Name of Member Society Representative.

Date

Signature

Nominee Information

Name:	
Professional Affiliation:	
Title:	
E-Mail:	
Telephone Number:	
Address:	



In the space indicated on the following page, please **summarize the highlights of this nomination using bulleted format** as they relate to at least two of the following areas:

Educational Impact

- 1. **Theoretical background in engineering education,** including authorship of educational materials related to engineering education, pedagogy, andragogy and lifelong learning; recognition as a leader in engineering education.
- 2. Curriculum development such as experience in helping academic universities evaluate and make improvements in engineering curriculum reflecting current research and current knowledge in the creation of "state of the art" learning experiences and design of engineering courses; contributions made by corporate or industry representatives to the educational program).
- **3.** Development and use of educational tools such as development and implementation of teaching/learning tools that are or can be made available to instructors and learners using a variety of technology, active learning principles, didactics, etc; could be used in face-to-face or online programs to be enhance the learning experience of learners and teaching experience of instructors.

Engineering Impact

- 1. Research and development activities in engineering education such as demonstrated examples of integration and implementation of research findings/results in engineering education and on-going research with peers or students.
- 2. Training of engineering educators or students such as demonstrative examples of work sharing knowledge to help new faculty become better instructors or facilitators, helping students at all levels prepare for successful engineering careers in industry or in academia, and successful graduates.
- **3.** Mentorship of new faculty and students such as demonstrative examples of work sharing knowledge to help new faculty become better instructors; helping students at all levels prepare for successful engineering careers in industry or in academia.
- **4. Incorporating Broader Societal Impact** such as development of content highlighting the broader societal impact of engineering; building partnerships with other disciplines, with industry or NGO's.

Broader Impact

- **1. Outstanding professional service** such as participation in professional and educational associations, policy-making bodies, national and international programs; awards, etc. focusing on engineering education.
- 2. Impact on diversity such as development of curriculum/programs to include a more diverse engineering workforce.
- 3. Global Impact such as the development of competencies of engineering globally and the impact on developing countries and/or emerging communities.



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Summarize the highlights of this nomination using bulleted format as they relate to at least two of the areas on the previous page.

HIGHLIGHTS SHOULD NOT EXCEED 1 PAGE

If appropriate, please include any additional information that is directly relevant to the award criteria, **using bulleted format**. (This is part of the 1-page maximum; feel free to delete this portion if irrelevant.)

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RATIONALE

In the space below the line, please provide a rationale for this nominee based on the following guidelines:

- Executive summary.
- Identification of needs in engineering education that were addressed by nominee's work.
- Description of contributions to engineering education that helped address the previously identified need(s).
- Evidence of the significance, originality, and scale of impact on the field of engineering education.

RATIONALE SHOULD NOT EXCEED 5 PAGES.