

IISE- Quality Control & Reliability Engineering (QCRE) Division Teaching Award Announcement

The division now invites nominations for the Teaching Award. This teaching award recognizes individual faculty for sustained performance of excellence in teaching QCRE-related courses. The award will be presented at the IISE Annual Conference & Expo 2024.

Important Dates

Nomination deadline: February 5, 2024

Winner notification: March 5, 2024

Eligibility criteria

- The candidate must be a member of IISE and the QCRE division.
- The candidate should be nominated for the instruction of an undergraduate course in quality, statistics, data science/analytics, and reliability methods or applications. The course must be offered as part of an academic program in engineering or management (i.e., Industrial Engineering, Systems Engineering, Engineering Management, Civil Engineering, and Management Science, among others). Examples of course titles for the nomination may include *Quality Control*, *Engineering Statistics*, *Engineering Computation*, *Reliability Engineering*, *Simulations*, *Production Systems*, and *Decision Analysis*.
- The candidate must have developed course materials for which they are being recognized.
- If selected for the award, the candidate should be able to attend the IISE Annual Conference & Expo 2024, which is held in Montreal, Québec, Canada.
- We welcome nominations from around the globe! Course materials and nomination documents must be in English.

Nomination package

Nominations may be made by a faculty colleague or a student who has taken the course from the candidate. The nomination package must consist of the following:

- Table of contents (up to 2 pages).
- Letters of support from the nominator and two other individuals (up to 2 pages for each letter). At least one of the three letters must be from a faculty member and one from a student.
- A course syllabus and samples of course materials (up to 20 pages).
- **At least two, and up to four**, recent teaching evaluations for the course being recognized (official evaluation documents containing unabridged student comments).
- Teaching vitae of the candidate (up to 2 pages).
- A reflective statement by the individual being nominated (1 page).

Nomination submission

Please email the entire nomination package as **ONE** PDF document to the award committee chairs by February 5, 2024.

The winner will be notified by March 5, 2024.

The award will be presented at the IISE Annual Conference & Expo 2024.

Award selection process

IISE/QCRE Board of Directors will form an award selection committee to review the applications. The following criteria will be used by the judges in evaluating the applications submitted.

- **Leadership:** Solid demonstration of leading excellence in teaching QCRE concepts. This criterion will consider educational publications and outreach efforts (e.g., textbooks, community-targeted educational, teaching, and mentoring initiatives related to QCRE concepts).
- **Design and Content Quality:** The appropriateness/relevance of the course content to educating the target audience on up-to-date QCRE concepts (this criterion will consider whether the candidate includes recent QCRE concepts in their syllabus).
- **Applied Learning:** The development and use of materials/case studies/scenarios/projects to motivate students in the QCRE concepts and empower students to apply/implement the QCRE concepts throughout the course (this criterion will consider the design of assignments, course projects, and the case studies covered in the course).
- **Innovation:** Use innovative approaches to teach the principles and practices of QCRE.
- **Student Satisfaction:** Demonstration of the value of teaching QCRE concepts to the department (program), students, and community (this criterion will consider the course evaluations and student statements about the course).

Please email nominations and any questions to the committee chairs: Dr. Chao Wang (chao-wang-2@uiowa.edu) and Dr. Zimo Wang (zimowang@binghamton.edu).