

CAST OPERATING MANUAL

AWARDS

Section 1. The CAST Division Awards Program consists of the Computing in Chemical Engineering Award, the George Stephanopoulos Award in Process Systems Engineering, the Computing Practice Award, the W. David Smith, Jr. Graduate Publication Award, the CAST Directors' Awards, the CAST Outstanding Young Researcher Award, the David Himmelblau Award for Innovations in Computer-Based Chemical Engineering Education, and the CAST Division Distinguished Service Award. A person may be nominated for only one award in a given year.

Section 2. The Awards Program is administered in accordance with the following Sections of this Article by the Second Vice Chair of the Division who will have the following responsibilities:

- (a) Appointment and chairing of the Awards Committees provided in Sections 3, 4, and 5.
- (b) Solicitation and management of funds to support the Awards Program.
- (c) Preparation of the Awards and presentation to the selected recipients.

Section 3. The Computing in Chemical Engineering Award will be governed by the following conditions:

- (a) This Award will be given to an individual to recognize outstanding contributions to chemical engineering computing and systems technology.
- (b) The Award consists of \$3,000 and a plaque.
- (c) The Award will be made annually if a suitable recipient is found. The recipient need not be a member of AIChE. A recipient may receive this Award only once.
- (d) The recipient will be selected by the CAST Awards Committee. The Awards Committee will be chaired by the CAST Division Second Vice Chair. The Committee will normally consist of the five CAST officers (Past Chair, Chair, First and Second Vice Chairs, and Secretary/Treasurer); the three most recent recipients of the George Stephanopoulos Award in Process Systems Engineering; and the three most recent recipients of the Computing in Chemical Engineering Award. The Awards Committee should reflect a reasonable balance among the interests of the different Programming Areas of the Division.
- (e) Nominations for the Award may be made by any member of AIChE, including the Awards Committee, or by another interested party. Nominations should be made on a current AIChE Award Nomination Form and submitted to the CAST Division Second Vice Chair. The deadline for submission of nominations will be April 15 or as otherwise established by the CAST Division Second Vice Chair and published on the AIChE and CAST Division web sites. A nomination will remain active for 3 years.

Section 4. The Computing Practice Award will be governed by the following conditions:

- (a) This Award will be given to an individual for an outstanding contribution to the practice or application of chemical engineering computing and systems technology.
- (b) The Award consists of \$3,000 and a plaque.
- (c) Nomination and selection procedures of Sections 3c, 3d and 3e above will also apply to the Computing Practice Award.

Section 5. The W. David Smith, Jr. Graduate Publication Award will be governed by the following conditions:

- (a) This Award will be given to an individual for outstanding published work in chemical engineering computing and systems technology. The publication shall consist of a single paper based on work done by the individual while pursuing graduate or undergraduate studies.
- (b) The Award consists of \$1,500 and a plaque.
- (c) The recipient will be selected by the CAST Directors Awards Committee. The CAST Directors Awards Committee will be chaired by the Second Vice Chair and will consist of the six CAST Directors and the three most recent recipients of the CAST Outstanding Young Researcher Award.
- (d) Nominations for the Award may be made by any faculty member of a university. Nomination should be made on a current AIChE Award Nomination Form and submitted to the CAST Division Second Vice Chair. The deadline for submission of nominations will be April 15 or as otherwise established by the CAST Division Second Vice Chair and published on the AIChE and CAST Division web sites. Each applicant is eligible for consideration only for a three year period that begins with the initial nomination. Additionally, on January 1 of the year of nomination, no more than 5 years would have elapsed since the publication of the paper used as the basis for the nomination.

Section 6. The CAST Outstanding Young Researcher Award will be governed by the following conditions:

- (a) This Award will be given to an individual under the age of 40 to recognize outstanding contributions to the chemical engineering computing and systems technology literature. The individual must be age 39 or less on December 31 of the award year. An individual age 40 or over will be eligible for this award if, on December 31 of the award year, 12 years or less have elapsed since this individual received the Ph. D. degree.
- (b) The Award consists of \$3,000 and a plaque.
- (c) Nomination and selection procedures of Sections 3c, 3d and 3e above will also apply to the CAST Outstanding Young Researcher Award.

Section 7. The David Himmelblau Award for Innovations in Computer-Based Chemical Engineering Education will be governed by the following conditions:

- (a) This Award will be given to an individual or group making new and novel contributions to the use of computers in chemical engineering education.
- (b) The Award consists of \$1,000 and a plaque.

- (c) Nomination and selection procedures of Sections 3c, 3d and 3e above will also apply to the David Himmelblau Award.

Section 8. The CAST Directors' Award will be governed by the following conditions:

- (a) This Award will be given to an individual or individuals for the best poster presentation in the CAST sessions at the AIChE Annual Meeting.
- (b) The Award consists of \$500 and a plaque.
- (c) The Award will be made annually if suitable recipients are found. The recipient(s) need not be a member of AIChE.
- (d) The recipient will be selected by majority vote of the CAST Directors Award Committee within one week of the meeting. In the case of a tie, multiple Awards will be made with the Award divided equally according to the number of Awards.

Section 9. The CAST Directors' Student Presentation Award will be governed by the following conditions:

- (a) This Award will be given to a student or students for the best oral presentation in the CAST sessions at the AIChE Annual Meeting.
- (b) The Award will consist of a plaque
- (c) The Award will be made annually if suitable recipients are found.
- (d) The recipient will be selected by majority vote of the CAST Directors Award Committee, within one week of the meeting. In the case of a tie, multiple Awards will be made with the Award divided equally according to the number of Awards.

Section 10. The CAST Division Distinguished Service Award will be governed by the following conditions:

- (a) This Award will be given to an individual for outstanding service to the Computing and Systems Technology (CAST) Division.
- (b) The Award consists of a plaque.
- (c) Nomination and selection procedures of Sections 3c, 3d and 3e above will also apply to the CAST Division Distinguished Service Award.

Section 11. The George Stephanopoulos Award in Process Systems Engineering will be governed by the following conditions:

- (a) The Award will be given to an individual to recognize outstanding lifetime contributions to process systems engineering.
- (b) The Award consists of a certificate, a medal, and \$3,500 award. An additional travel allowance of \$500 will also be provided.
- (c) The Award recipient will be selected by CAST in odd-number years (and by EFCE-CAPE in even-number years). The recipient need not be a member of AIChE. A recipient may receive this Award only once.
- (d) Nomination and selection procedures of Sections 3c, 3d and 3e above will also apply to the George Stephanopoulos Award in Process Systems Engineering.

(e) Nominations for the Award may be made by any member of AIChE, including the Awards Committee, or by another interested party. Nominations should be made on a current AIChE Award Nomination Form and submitted to the CAST Division Second Vice Chair. The deadline for submission of nominations will be April 15 or as otherwise established by the CAST Division Second Vice Chair and published on the AIChE and CAST Division web sites. A nomination will remain active for 3 years (2 award cycles managed by CAST).