

# **SOCIETY FOR EXPERIMENTAL MECHANICS, INC.**

## **Guidelines for the A. J. Durelli Award**

### **NAME OF THE AWARD:**

The A.J. Durelli Award

### **TO BE AWARDED:**

The award should be given annually or whenever a suitable candidate is identified.

### **PURPOSE OF THE AWARD:**

To recognize a young professional who has introduced, or helped to introduce, an innovative approach and/or method into the field of experimental mechanics. The individual's contribution shall be distinguished in that it departs from the norm and/or challenges the existing train of thought in the Society.

A.J. Durelli was one of the most outstanding experimental stress analysts in the world during the second half of twentieth century. Known primarily for his work in brittle lacquer techniques, photoelasticity, and moiré methods, throughout his career, Dr. Durelli consistently sought out new methods to solve problems rather than to solve new problems with existing methods. He often challenged his students and colleagues to view the world from a different perspective, and bestowed on our Society some of its greatest gifts – productive, caring, and competent people.

The award in question is designed to recognize a relatively young individual for distinguished, innovative work in experimental mechanics; one of the qualities that A.J. recognized and instilled so well in others.

### **THE AWARD SHALL CONSIST OF:**

A plaque<sup>1</sup> recognizing the recipient, presented at the Awards Luncheon conducted in conjunction with the SEM Annual Conference. The recipient attends the award luncheon as a guest of the Society.

### **FUNDING FOR THE AWARD AND RELATED ISSUES:**

All expenses associated with the award are borne by the Society.

### **CRITERIA FOR SELECTION:**

- (1) The recipient should be recognized for a contribution early in their career.
- (2) S/he must have introduced, or helped to introduce, an innovative approach and/or method into the field of experimental mechanics. Any area qualifies.
- (3) The individual's contribution shall be distinguished in that it departs from the norm and/or challenges the existing train of thought in the Society.

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<sup>1</sup> The plaque shall consist of a hardwood base 8" x 10" or larger in size, a metal plaque bearing the name of the award, the name of the recipient, an appropriate citation (*i.e.*, "For distinguished, innovative contributions in experimental mechanics"), and the date of presentation.

- (4) The recipient should be a member of SEM but need not have held any prior leadership position in the Society.

**PROCEDURE FOR SELECTION:**

- (1) The selection of a recipient shall be the responsibility of the SEM Honors Committee or whichever such group within SEM shall be charged with selecting the recipients of other society awards.
- (2) The identification of suitable candidates for this award shall be the responsibility of the SEM Honors Committee and shall be carried out following a procedure that is consistent with that used to identify suitable candidates for other society awards. Suggestions to the committee by SEM members at large should be supported by a one page letter (font $\geq$ 12 point Times), documenting the rationale for the award.