

# ASTM COMMITTEE E-12 ON COLOR AND APPEARANCE

## THE Richard S. Hunter Award

**NAME OF THE AWARD:**

The Richard S. Hunter Award

**TO BE AWARDED:**

The award will be presented every other year. The first award is presented in 2000.

**SPONSORED BY:**

ASTM Committee E-12 on Color and Appearance.

**AWARD RECIPIENTS:**

<u>Year</u>	<u>Recipient</u>
2000	Harry K. Hammond, III
2003	Nick Hale
2004	Calvin S. McCamy
2006	Norbert Johnson
2008	Robert Marcus

## **ASTM Committee E-12 on Color and Appearance - Richard S. Hunter Award**

### **REASONS FOR ESTABLISHMENT:**

### **RICHARD SEWALL HUNTER (1909-1991)**

Richard Hunter was a pioneer in the field of color and appearance science. He received his degree from George Washington University where he majored in psychology and minored in physics. He joined the Colorimetry and Photometry Section of the National Bureau of Standards in 1927. He conducted research at the Bureau until 1946 when he became the Chief Engineer of the Henry A. Gardner Laboratory in Bethesda, Maryland. In 1952, he formed and was President until 1991 of his own organization, Hunter Associates Laboratory, Inc. (HunterLab), now located in Reston, Virginia.

His major interest throughout his career was the design of instruments and the development of test methods for objectively evaluating the appearance characteristics of objects and materials. He wrote over a hundred papers and published two books on the subject of color and gloss. Some of these papers are still considered classic contributions that provided the basis for present-day instruments. These papers include: "A Multipurpose Photoelectric Reflectometer" (1940) and "Photoelectric Tristimulus Colorimetry with Three Filters" (1942) which are still considered essential reading for any serious student of these subjects. His contributions to gloss measurement resulted from his concern for the industrial problems associated with the paint industry. His classic paper "Development of a Method of Classifying Paints According to Gloss" (1939), co-authored with D.B. Judd, became the basis for ASTM D523, "Test Method of Specular Gloss." He summarized his more than 60 years of experience in the second edition of his book, *The Measurement of Appearance*, co-authored with R.W. Harold in 1987.

Throughout his professional life, he gave unending devotion to education and the work of vast numbers of technical committees, including the ASTM Committee E-12 on Color and Appearance of which he was Chairman from 1976 to 1981. He was a vital member of D-1 (Coatings), D-20 (Plastics), D-21 (Polishes), and E-14 Industrial Chemicals. Mr. Hunter's leadership and mentoring skills gave a consistent and strong sense of what activities the ASTM Committee E-12 should focus its energies on. Mr. Hunter began work on the Compilation of Color and Appearance Standards in 1982. He saw the first two editions published in 1984 and 1987. Richard reviewed the nearly final draft of the Third Edition in December of 1990. The third edition of compilation on ASTM Standards on Color and Appearance Measurement is dedicated to the memory of Richard S. Hunter.

He was the President of the ISCC from 1972 to 1974 and elected to be an Honorary Member in 1982. The 1987 Williamsburg Conference was dedicated to him.

Typifying his lifelong interest in education, Richard and Elizabeth Hunter presented the Rochester Institute of Technology a grant to establish the

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Richard S. Hunter Professorship of Color Science, Appearance and Technology in 1982.

He has been honored with many awards, including the ASTM Award of Merit, 1961; An ASTM Fellow; The Cannery/Packers Award in 1965; Bruning Award of the Federation of Societies for Coatings Technology, 1962; TAPPI Testing Division Award, 1969; The Chair of TAPPI Optical Properties Methods Committee; Richardson Award from the Optical Society of America, 1970; A Fellow of OSA; A member of the American Association of Textile Chemists and Colorists, the ISCC Macbeth Award, 1976; George Washington University Alumni Achievement Award, 1979, The Baltimore Coatings Society Shugar Memorial Award in 1981; and posthumously, the 1991 ISCC Godlove Award.

Richard Hunter opened our eyes to appearance. His devotion will always be remembered.

Overall, it is fair to say that Mr. Hunter's technical association with ASTM, and with ASTM Committee E-12 has been symbolized by his dedication to the cause of standards development and the furtherance and enhancement of the technical standing of the organization. By working to establish and sustain a culture of excellence, and by mentoring a large group of the current and future leaders of this committee, Mr. Hunter ensured that the committee understands how vital the technical reputation of the committee is to its effectiveness as a leader.

The establishment of the Richard S. Hunter Award by the Executive Subcommittee of Committee E-12 on Color and Appearance is intended to honor and recognize those individuals who exemplify the personal and professional characteristics displayed by Mr. Richard Hunter. The award was first presented in March 2000 to Mr. Harry K. Hammond III.

### **THE AWARD FORMAT:**

A plaque recognizing the recipient will be presented either at a semi-annual meeting of Committee E12 or, when this is not possible, at some other location so that the recipient is properly recognized.

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### **CRITERIA FOR SELECTION:**

- (1) The recipient shall have furthered the goals of Committee E-12 by repeatedly demonstrating an exceptional ability to facilitate the development of color and appearance standards.
- (2) The recipient shall have displayed a proven talent for mentoring younger members of the Committee and for promoting and encouraging their active participation in the standards development process.
- (3) The recipient shall have made sustained and valuable contributions that have clearly enhanced the external stature and the internal quality of the activities of the Committee.
- (4) The recipient shall have demonstrated a unique level of concern for the long-term well being of the Committee, clearly above and beyond that expected of every member.

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### **PROCEDURE FOR SELECTION:**

- (1) Nominations of deserving individuals may be made to the Awards Subcommittee at any time by any member of the Committee and shall include a brief (no more than one page) justification for the nomination. It is expected that nominations will be made in the strictest confidence and without the knowledge of the nominee.
- (2) Pending nominations shall be reviewed on a Bi-annual basis. Unsuccessful nominations shall be reconsidered at the next review and nominators will be given an opportunity to update and add to their original nomination prior to the next review.
- (3) The review of pending nominations shall be conducted by a group consisting of:
  1. the chair of the Awards Subcommittee (who shall also coordinate the review process),
  2. the sub-committee members, and,
  3. a Past-Chair of the Committee (since the committee is new, at the time of this writing a past chair is not available), and,
  4. Past recipient(s) of the Richard S. Hunter Award.
  5. Finally, the Executive Committee of E-12 shall approve all nominations.
- (4) The Chair of the Awards Subcommittee shall be responsible for preparation of the plaque and notification to the recipient.