



Division of the History of Chemistry  
of the  
American Chemical Society



## Citation for Chemical Breakthroughs

### **Nomination process**

Each nomination consists of complete publication (or patent) reference and a short (less than 500 words) justification. The justification should relate to the awards criteria. Science Citation information may be used but is not required. All materials shall be forwarded to Committee Secretary electronically at: [hist\\_ccb@yahoo.com](mailto:hist_ccb@yahoo.com) Each nomination should be accompanied by the name, address and e-mail address of the nominator.

*For the 2005 awards, all nominations must be received by November 11, 2005.*

### **Definition of Award criteria**

The Citations for Chemical Breakthroughs will recognize breakthrough publications and patents worldwide in the field of chemistry. Each award will recognize a single publication, book, or patent (not multiple publications and not a lifetime achievement of an individual or group of individuals). The term “breakthrough” refers to advances in chemistry that have been revolutionary in concept, broad in scope, and long-term in impact. The award will consist of a very high quality plaque (see information below), to be placed at a site near the office or laboratory where the breakthrough was achieved, as selected by the recipient. Each award will be made to the department or institution where the breakthroughs occurred, not to the individual scientist(s).

#### *Elaboration of criteria*

“Revolutionary” implies some sort of change in practice or theory after the appearance of the patent or publication.

“Broad in scope” implies an advance that permeates a sub-discipline of chemistry, or that has applications in more than one sub-discipline, or that has a significant benefit to society.

“Long-term” implies a minimum of twenty five years since the date of publication.

### **Additional Information**

Additional information can be found on the HIST website, under the heading “Divisional Awards”: <http://www.scs.uiuc.edu/~mainzv/HIST/>