The A.M. Turing Award

1971 ACM A. M. Turing Award
John McCarthy, Stanford University

The A. M. Turing Award is given each year to an individual for his technical contributions to computer science and engineering. Upon acceptance of the award, the winner delivers the annual Turing Lecture. Dr. McCarthy's presentation, "The Present Status of Research in Artificial Intelligence," will be published in an ACM publication subsequent to the conference.

Previous Turing Award recipients were:

1970	James H. Wilkinson
1969	Marvin Minsky
1968	Richard W. Hamming
1967	Maurice V. Wilkes
1966	Alan J. Perlis

Other ACM awards presented at the 1971 annual conference were:

1971 ACM Distinguished Service Award
J. Donald Madden, Compata, Inc.

1971 Grace Murray Hopper Award
Donald E. Knuth, Stanford University

1971 Programming Systems and Languages Award
John C. Reynolds, Argonne National Laboratory
R. L. Mattson, J. Gecsei, D. R. Slutz,
and I. L. Traiger, IBM Corporation

The Distinguished Service Award is presented annually for value and degree of service to the computing community. The award was given for the first time at the 1970 annual ACM conference to Franz Alt.

The Grace Murray Hopper Award was announced for the first time at ACM '71. It will be given annually to a person under 30 years old who has made a single outstanding contribution.

The Programming Systems and Languages Award goes to the best papers on languages and systems published in the calendar year preceding the annual ACM conference. The winning 1970 papers were:

Reynolds--"GEDANKEN--A Simple Typeless Language Based on the Principle of Completeness and the Reference Concept," Comm. ACM, 13, 308-319, 1970.

Mattson, Gecsei, Slutz, and Traiger--"Evaluation Techniques for Storage Hierarchies," IBM Systems J., 9, 78-117, 1970.

This award was first presented at the Spring Joint Computer Conference in April 1971 for the best papers published in 1968 and 1969 to: Peter Denning, Edsger W. Dijkstra, and Peter Lucas and Kurt Walk.