

Turing Award

The A. M. Turing Award is ACM's oldest and most prestigious award. It is presented annually to an individual or a group of individuals who have made lasting contributions of a technical nature to the computing community. The long-term influence of a candidate's work is taken into consideration, but there should be a singular outstanding and trend-setting technical achievement that constitutes the claim of the award.

The award is presented each June at the ACM Awards Banquet and is accompanied by a prize of \$1,000,000 plus travel expenses to the banquet. Financial support for the award is provided by [Google Inc.](#)

ACM Prize in Computing

The ACM Prize in Computing recognizes an early to mid-career fundamental and innovative contribution in computing theory or practice that through, its impact, and broad implications, exemplifies the greatest achievements of the discipline. The candidate's contribution should be relatively recent (typically within the last decade), but enough time should have passed to evaluate impact. While there are no specific requirements as to age or time since last degree requirements, the candidate typically would be approaching mid-career.

The Prize carries a prize of \$250,000. Financial support for the award is provided by Infosys Ltd.

ACM Frances E. Allen Award for Outstanding Mentoring

The Frances E. Allen Award for Outstanding Mentoring will be presented for the first time in 2021. This award will recognize individuals who have exemplified excellence and/or innovation in mentoring with particular attention to individuals who have shown outstanding leadership in promoting diversity, equity, and inclusion in computing. Excellence in mentoring comes in many forms, and this award is designed to illustrate the full range of these possibilities, acknowledging mentors who have enriched the education, research, careers, and lives of their students and colleagues and, in doing so, have benefited the computing community.

The award is accompanied by a \$25,000 cash prize to the recipient plus a \$10,000 cash contribution to an approved charity of the awardee's choice. Financial support for this award is provided by Microsoft Research.

ACM Grace Murray Hopper Award

The ACM Grace Murray Hopper Award is presented to an outstanding young computer professional, selected based on a single recent major technical or service contribution. Technical contributions are assessed by their significance, depth, and originality, and service contributions are evaluated for the scope of the effort involved and its impact on the computing community and/or society as a whole. The candidate must have been 35 years of age or less at the time the qualifying contribution was made.

This award is accompanied by a prize of \$35,000. Financial support of the Grace Murray Hopper Award is provided by Microsoft Research.

ACM Paris Kanellakis Theory and Practice Award

The Paris Kanellakis Theory and Practice Award honors specific theoretical accomplishments that have had a significant and demonstrable effect on the practice of computing. Nominations will be reviewed on the basis of the candidate's publication of novel and solid theoretical work, how that work has translated into applications, and the impact of the theory and applications.

This award is accompanied by a prize of \$10,000 and is endowed by contributions from the Kanellakis family, with additional financial support provided by ACM's Special Interest Groups on Algorithms and Computational Theory (SIGACT), Design Automation (SIGDA), Management of Data (SIGMOD), and Programming Languages (SIGPLAN), the ACM SIG Projects Fund, and individual contributions.

ACM - AAAI Allen Newell Award

The ACM/AAAI Allen Newell Award recognizes career contributions that have impact across sub-disciplines or that bridge computer science and other disciplines. Artificial intelligence will often be the linchpin of such contributions, but it need not be in general, as nominations centered on other areas of computer science are also welcome when they combine significant breadth and bridging with a high level of impact.

This award is accompanied by a prize of \$10,000, provided by ACM and the Association for the Advancement of Artificial Intelligence, and by individual contributions.

ACM Software System Award

The Software System Award recognizes an institution or individual(s) for developing a software system that has had a lasting influence on computing, as reflected in contributions to concepts, commercial acceptance, or both. Nominations will be evaluated for the evidence they provide of significant conceptual impact, widespread adoption and use, influence on related developments, contribution to infrastructure, and effective transition from theory to practice.

The award is accompanied by a prize of \$35,000. Financial support for the award is provided by [IBM](#).

ACM Distinguished Service Award

The ACM Distinguished Service Award recognizes outstanding service contributions to the computing community. The contribution should not be limited to service to ACM but should include activities in other computing organizations and should emphasize contributions to the computing community at large.

Outstanding Contribution to ACM Award

The Outstanding Contribution to ACM Award recognizes outstanding service contributions to the Association. Candidates are selected based on the value and degree of their service and up to three individuals may be awarded a year.

ACM Karl V. Karlstrom Outstanding Educator Award

The Karl V. Karlstrom Outstanding Educator Award is presented to outstanding educators appointed to a recognized educational baccalaureate institution. Recipients are recognized for advancing new teaching methodologies, effecting new curriculum development or expansion in Computer Science and Engineering, or making a significant contribution to the educational mission of the ACM. Those who have been teaching for ten years or less will be given special consideration.

The award is accompanied by a prize of \$10,000. Financial support for the award is provided by Pearson Education.

ACM Athena Lecturer Award

ACM Athena Lecturer Award celebrates women researchers who have made fundamental contributions to Computer Science. Each year ACM honors a preeminent woman computer scientist that has demonstrated a lasting contribution to the computing community, including both technical/research and service/mentoring components.

The Athena Lecturer gives a one-hour invited talk at a major ACM conference of her choice. The award carries a cash prize of \$25,000 and includes travel expenses to the conference of the recipients choosing. Financial support for the award is provided by Two Sigma.

ACM Policy Award

The ACM Policy Award honors the contributions of an individual or a small group, who has had a significant impact on the formation or execution of public policy related to computing. It may recognize the establishment of an innovative educational or advisory program in policy, the development of technology policy organizations or resources, or other notable policy activities affecting the computing community or the general public.

The biennial award is accompanied by a prize of \$10,000.