



Regeneron ISEF Fact Sheet

Regeneron International Science and Engineering Fair (Regeneron ISEF) Celebrates Top Young Scientists and Inspirational Innovators

Regeneron ISEF Event Week 2024

From May 11 to May 17, 2024, nearly 2,000 young scientists, engineers, entrepreneurs and inventors will convene in Los Angeles for Regeneron ISEF, the world's largest science and engineering competition for 9th to 12th grade students. The finalists, who come from nearly **70 countries, regions and territories** will spend the week connecting with their peers and global STEM leaders, participating in events and competing for more than **\$9 million in awards and prizes**.

A program of Society for Science, Regeneron ISEF provides a global stage for the best and brightest young scientists and engineers around the world. Society for Science has a network of more than **400 regional, state and country science fairs** around the world, and each year, over 175,000 students compete in those fairs to earn the right to compete in Regeneron ISEF.

Finalists undergo a rigorous judging process, presenting their research to professional scientists, engineers and mathematicians from around the world. Many also will share their STEM stories on stage during Education Outreach Day where over 3,000 students from across the Los Angeles metro area will visit Regeneron ISEF.

Finalists' projects tackle topics ranging from virtual reality to sustainable energy to machine learning. Projects represent a wide range of scientific disciplines and are judged in 22 categories:

- Animal Sciences (ANIM)
- Behavioral and Social Sciences (BEHA)
- Biochemistry (BCHM)
- Biomedical and Health Sciences (BMED)

- Biomedical Engineering (ENBM)
- Cellular and Molecular Biology (CELL)
- Chemistry (CHEM)
- Computational Biology and Bioinformatics (CBIO)
- Earth and Environmental Sciences (EAEV)
- Embedded Systems (EBED)
- Energy: Sustainable Materials and Design (EGSD)
- Engineering Technology: Statics and Dynamics (ETSD)
- Environmental Engineering (ENEV)
- Materials Science (MATS)
- Mathematics (MATH)
- Microbiology (MCRO)
- Physics and Astronomy (PHYS)
- Plant Sciences (PLNT)
- Robotics and Intelligent Machines (ROBO)
- Systems Software (SOFT)
- Technology Enhances the Arts (TECA)
- Translational Medical Science (TMED)

For more information about each of the categories, please visit <https://www.societyforscience.org/isef/categories-and-subcategories/>.

Regeneron ISEF 2024 Key Statistics

- Total number of finalists: 1,699
 - Number of finalists from the U.S. and U.S. territories: 1077
 - Number of finalists outside of U.S.: 675
- Number of countries, regions and territories: 67
 - Non-U.S. country with the most finalists: China (77)
- Percent finalists by gender:
 - Man: 51.7%
 - Woman: 47.2%
 - Non-binary or Genderfluid: 0.6%
 - Prefer not to answer: .5%

Regeneron ISEF 2024 Awards

Grand Awards are presented in each of the 22 Regeneron ISEF categories:

- 1st Award: \$5,000
- 2nd Award: \$2,000
- 3rd Award: \$1,000
- 4th Award: \$500

Additionally, winners of the Top Awards are selected from among the 1st Award recipients:

- George D. Yancopoulos Innovator Award of \$75,000
- Regeneron Young Scientist Awards (2) of \$50,000 each
- The Gordon E. Moore Award for Positive Outcomes for Future Generations of \$50,000
- Craig R. Barrett Award for Innovation of \$10,000
- H. Robert Horvitz Prize for Fundamental Research of \$10,000
- Peggy Scripps Award for Science Communication of \$10,000

For more information about Grand Awards and Top Awards, please visit <https://www.societyforscience.org/isef/grand-awards/>.

In addition, dozens of corporate, academic, government and scientific organizations give Special Awards.

For more information, please visit <https://www.societyforscience.org/isef/special-award-organizations/>

The History of Regeneron ISEF

The International Science and Engineering Fair was launched in 1950 as the National Science Fair in Philadelphia where 30 finalists competed for prizes totaling \$1,000 in scientific equipment. In 1958 Japan and Germany sent the first international finalists to the competition where they joined 280 finalists in Flint, MI. The competition formally became known as the International Science Fair in 1965 and as the International Science and Engineering Fair in 1971. Intel became ISEF's title sponsor in 1997.

In 2019, Regeneron became the title sponsor of ISEF to help reward and celebrate the best and brightest young minds globally and encourage them to pursue careers in STEM to positively impact the world. Regeneron ISEF is supported by a community of additional sponsors, including Regeneron, Akamai Foundation, Alfred E. Mann Charities, Aramco, Caltech, Google.org, Gordon and Betty Moore Foundation, Howmet Aerospace Foundation, HP, Interface, Jacobs, King Abdulaziz & his Companions Foundation for Giftedness and Creativity, Microsoft, National Geographic Society, Richard F. Caris Charitable Trust II, Rise, Schattner Foundation, Siemens Energy, Annenberg Foundation, Ballmer Group, Broadcom Foundation, Cescio Linguistic Services, Conrad N. Hilton Foundation, Edison International, Insaco, Oracle Academy, The Eli and Edythe Broad Foundation, The Ralph M. Parsons Foundation and US Army ROTC.

ISEF alumni have gone on to have world-changing careers in science and engineering and earn some of the most esteemed honors, including National Medal of Science recipients, MacArthur Foundation Fellows, National Academy of Sciences Members and National Academy of Engineering Inductees.

Learn more at <https://www.societyforscience.org/isef/>.

###