



# Regeneron International Science and Engineering Fair (ISEF) Celebrates Next-Generation Science Leaders and Innovators

## Virtual Regeneron ISEF Event Week 2021

From May 16 to May 21, 2021, nearly **2,000 young scientists, engineers, entrepreneurs and inventors** will convene virtually for a week of connecting with their peers and global STEM leaders, events, and **\$5 million in awards and prizes**. It will be the first time in the Fair’s history that the event will be held virtually. The finalists, selected from nearly **400 affiliate fairs in 64 countries, regions and territories**, have all completed exemplary research projects and earned the right to compete at Regeneron ISEF by winning at a Society-affiliated local, regional, state or national science fair.

Regeneron ISEF 2021 will leverage several online platforms to ensure a collaborative, engaging environment for virtual social events and to support judging, for the largest-ever competition in ISEF history. These technologies include online platforms that can be used to display finalist projects, support video conferencing interviews and enable finalists to participate in virtual social events, interacting as avatars.

At the competition, finalists undergo a rigorous judging process, during which time they interact with professional scientists, engineers and mathematicians from around the world.

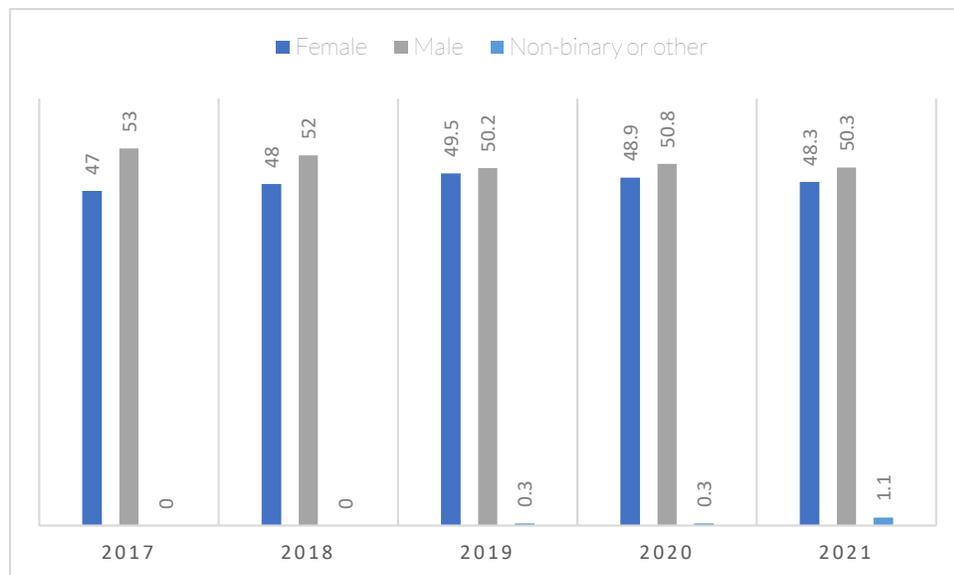
Finalists’ projects tackle topics ranging from virtual reality to sustainable energy to machine learning. Projects represent a wide range of scientific disciplines and are judged 21 categories:

Animal Sciences (ANIM)	Computational Biology and Bioinformatics (CBIO)	Mathematics (MATH)
Behavioral and Social Sciences (BEHA)	Earth and Environmental Sciences (EAEV)	Microbiology (MCRO)
Biochemistry (BCHM)	Embedded Systems (EBED)	Physics and Astronomy (PHYS)
Biomedical and Health Sciences (BMED)	Energy: Sustainable Materials and Design (EGSD)	Plant Sciences (PLNT)
Biomedical Engineering (ENBM)	Engineering Mechanics (ENMC)	Robotics and Intelligent Machines (ROBO)
Cellular and Molecular Biology (CELL)	Environmental Engineering (ENEV)	Systems Software (SOFT)
Chemistry (CHEM)	Materials Science (MATS)	Translational Medical Science (TMED)

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

## Regeneron ISEF 2021 Key Statistics

- Total number of finalists: 1,833
- Number of finalists from the U.S. and U.S. territories: 1,092
- Number of finalists outside of U.S.: 747
- Number of countries, regions and territories: 64
- Non-U.S. country with the most finalists: South Korea, 65
- Percent finalists by gender:



## Regeneron ISEF 2021 Awards

**Grand Awards** are presented in each of the 21 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 1<sup>st</sup> 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 Regeneron International Science and Engineering Fair, a program of Society for Science for over 70 years, is the world's largest international science competition for high school. Through a global network of local, regional and national science fairs, millions of students are encouraged to explore their passion for scientific inquiry. Each spring, a group of these students is selected as finalists and offered the opportunity to compete for approximately US \$5 million in awards and scholarships.

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 as a way to positively impact the world. Regeneron ISEF is supported by a community of additional sponsors, including Broadcom Foundation, Johnson & Johnson, National Geographic Society, Akamai Foundation, Jacobs, King Abdulaziz & his Companions Foundation for Giftedness & Creativity, Microsoft, Microsoft Azure Sphere, Richard F Caris Foundation, Rise, Siegel Family Foundation, West Pharmaceutical Services, Cescio Linguistic Services, Gordon and Betty Moore Foundation, Insaco and Zeiss. Previously, ISEF was sponsored for 20 years by Intel.

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 and National Academy of Engineering Inductees and a range of entrepreneurs.