

# Congratulations on your Ph.D.! Ready for your next step?



Science &  
SciLifeLab  
**PRIZE**

For Young Scientists

The *Science* & SciLifeLab Prize for Young Scientists is an annual prize awarded to early-career scientists. The prize is awarded in four research categories:

- Cell and Molecular Biology
- Ecology and Environment
- Molecular Medicine
- Genomics, Proteomics, and Systems Biology

Entrants for the 2022 prize must have received their Ph.D. between January 1, 2020 and December 31, 2021.

Applicants will submit a 1,000-word essay that is judged by an independent editorial team organized by the journal *Science*. Essays are assessed on the quality of research and the applicants' ability to articulate how their work would contribute to their scientific field.

**APPLY BEFORE JULY 15, 2022**  
**SCIENCEPRIZE.SCILIFELAB.SE**

**Science**  
AAAS

 SciLifeLab

*Knut och Alice  
Wallenbergs  
Stiftelse*

# Science & SciLifeLab Prize for Young Scientists

## About the Prize

*Science*/AAAS and SciLifeLab have joined forces in creating the *Science* & SciLifeLab Prize for Young Scientists. Both *Science*/AAAS and SciLifeLab strive for encouraging a vibrant scientific community and we want to incent our best and brightest to continue in their chosen fields of research. We feel it is important to provide extra encouragement to young researchers as they begin their scientific careers. The winners will have their essays published by *Science*, win up to USD 30,000 and be invited to Sweden for a unique week of events in honor of science.

The Prize is awarded annually to young scientists for outstanding life science research for which they were awarded a doctoral degree in the previous two years. The topic of the entrant's thesis research must be in one of the following categories:

- **Cell and Molecular Biology**
- **Ecology and Environment**
- **Genomics, Proteomics and Systems Biology**
- **Molecular Medicine**

Eligible entrants must have been awarded their doctoral degree in 2020 or 2021. The winners from each category will compete for the Grand Prize.

**Application deadline:** July 15, 2022

**Read more:** [scienceprize.scilifelab.se](https://scienceprize.scilifelab.se)

**Questions/Inquiries:** [SciLifeLabPrize@aaas.org](mailto:SciLifeLabPrize@aaas.org)

## About *Science*/AAAS

The American Association for the Advancement of Science (AAAS) is the world's largest general scientific society, and publisher of several scientific journals. The non-profit AAAS is open to all and fulfills its mission to "advance science and serve society" through initiatives in science policy, international programs, science education, and more. *Science*'s daily online news is always free to the public, as are editorials, any paper with broad public health significance, and all research articles 12 months after publication.

## About SciLifeLab

SciLifeLab (Science for Life Laboratory) is a Swedish national center for molecular biosciences with focus on health and environmental research. The center combines frontline technical expertise with advanced knowledge of translational medicine and molecular bioscience. SciLifeLab is a joint effort between four Swedish universities (Karolinska Institutet, KTH Royal Institute of Technology, Stockholm University and Uppsala University). About 200 research groups are associated with SciLifeLab.

# Rules

## Rules of Eligibility

The research described in the entrant's thesis must fall within one of the following categories:

**Cell and Molecular Biology:** Research in this category includes cellular and molecular processes at levels ranging from single molecule to single cell to tissue and organ systems.

**Ecology and Environment:** Research in this category encompasses interactions between organisms and their environment, and how these processes are influenced by human activity.

**Genomics, Proteomics and Systems Biology Approaches:** Research in this category focuses on genomics, proteomics, integrative omics and systems biology approaches, including computational, to facilitate comprehensive understanding of living cells, organisms and species.

**Molecular Medicine:** Research in this category aims at building on the molecular understanding of disease in humans to develop preventive, diagnostic and therapeutic approaches, including individualized medicine.

The Prize will only recognize work that was performed while the entrant was a graduate student.

The Prize will be awarded without regard to sex, race, or nationality.

Employees of *Science*/AAAS, collaborators in the management or sponsorship of this Prize and their relatives, as well as the following are not eligible to enter: Scientists who were PhD students in the groups of any past or present member of the SciLifeLab management group (SciLifeLab Director, Co-Director, Infrastructure Director and Scientific Directors), the Integration Directors, or any member of the SciLifeLab Board.

Entrants for the 2022 Prize must have been awarded their Ph.D. between January 1, 2020 and December 31, 2021. As a rule, we will only accept submissions once within this time period.

## Procedures for Entry

The entrant must submit the following items:

- A completed Entry Form.
- An essay, written by the entrant, describing the thesis work and its implications for research in the selected category. The essay must not exceed 1,000 words in length and may include one figure or table.
- A one-page reference letter from your advisor or a member of your thesis committee. The letter should include an assessment of the applicant and comment on the significance of the applicant's research.
- The abstract of the thesis (not to exceed four double-spaced typed pages).
- A list of full citations of all published or in press papers on the research described in the essay, Academic and professional awards and honors that the entrant has received, and Relevant professional experience.

The Entry Form and additional submission materials must be submitted electronically through our Prize management system - available on: [www.sciencemag.org](http://www.sciencemag.org)

## Prize Timeline

August/September: Compilation and Review of Submissions.

October/November: Selection of Prize Winner.

December: Announcement of Prize Winner & Awards Ceremony in Stockholm.

Please block your calendar for December 6-11, 2022 after submitting your application - if selected as a winner you can be invited to Sweden.

## Deadline for Entries

July 15, 2022.

## Judging Procedures

First, *Science* editors will screen the essays and select three finalists from each category. Next, a committee of scientists chaired by the Editor-in-Chief of *Science* will select a winner for each category. The four winners will then compete for the Grand Prize. The Grand Prize winner and three category winners will be decided by October. *Science* will control both the evaluation process and the announcement of the winners.