Bayer: Science For A Better Life

BAYER FOUNDATIONS
FELLOWSHIP PROGRAM

Bayer Science & Education Foundation

FOCUS ON **EDUCATION AND RESEARCH**

The Bayer Science & Education Foundation

For the inventor company Bayer, young talents as well as scientific progress are fundamental to long-term success. The Bayer Science & Education Foundation therefore supports people – schoolchildren, students or top scientists – who are fascinated by science, medicine and technology.

Our aim is to awake inventive spirit, expand educational horizons and honor outstanding achievements in science and education.

The foundation promotes innovation on all levels: the spectrum ranges from the funding of school projects to scholarships and scientific awards, with a particular focus on health care, nutrition and high-tech materials.

The foundation's activities are inspired by the Bayer Group's mission statement:
Bayer: Science For A Better Life

Further information at:
www.bayer-foundations.com

SUPPORT FOR YOUNG TALENTS **FELLOWSHIP PROGRAM**

Benjamin Buick, physics student, gained valuable experience through his scholarship from the Bayer foundation for an internship at the Tor Vergata University of Rome, Italy.

The foundation's scholarship programs have two main areas of focus – the regular programs for scholarship projects and placements abroad, and additional offerings aimed at specific target groups.

The regular programs are set up for students, trainees and apprentices in scientific, technical and medical disciplines. Internationality is a key aspect of these programs. Therefore the foundation grants scholarships exclusively to applicants from German-speaking countries wishing to go abroad and to foreign applicants who are interested in a study project in Germany.

Available scholarships for regular applications are:

- Otto Bayer scholarships / natural sciences
- Carl Duisberg scholarships / medicine
- Kurt Hansen scholarships / science teachers
- Hermann Strenger scholarships / apprentices

Complementary programs (special offerings):

- Bayer-Deutschlandstipendien
- Bayer Lindau Fellowships
- Bayer Climate Fellowships

Otto Bayer scholarships

Otto Bayer scholarships are open to university students in their advanced study period.

The following disciplines are particularly in focus:

- Biology, biochemistry, biotechnology
- Chemistry, chemical engineering, process engineering
- Pharmaceutics, drug discovery
- Physics, material sciences
- Environmental sciences

The scholarships can be used for individual study projects, internships, summer courses, supplementary study courses, as well as master's theses and doctoral studies. The program does not include postdoctoral scholarships. Scholarships are granted exclusively to applicants from German-speaking countries wishing to go abroad and to foreign applicants who are interested in a study project in Germany.
Applicants should have above-average grades, a high level of motivation, a broad horizon and personal commitment, e. g. to society and the common good.

Further information and application forms:
www.bayer-foundations.com

The benefactor Professor Otto Bayer

Professor Otto Bayer, who was not related to the family that founded the Bayer Group, joined the company in 1933, when he became head of the Central Scientific Laboratory. Although Otto Bayer was only 32 years old at that time and the youngest member of the team, he soon succeeded in making a name for himself: his greatest achievement was ultimately the invention of polyurethane chemistry. He influenced the development of this versatile family of plastics for many years until his death at the age of nearly 80. Thanks to the chemical and entrepreneurial achievements of the inventor of polyurethanes, the Bayer Group still holds a large share of the world market for these materials.

A scholarship from the Bayer foundations enabled Jörg Klein, who studies chemistry at the University of Erlangen, to spend a few months at the Academy of Sciences of the Czech Republic in Prague.

Carl Duisberg scholarships

Carl Duisberg scholarships are open to students of

- human and veterinary medicine, and
- medical sciences

in their advanced study period. Key support areas are medical projects associated with the fields of cardiology, oncology, inflammation, gynecology and diagnostic imaging, or projects focusing on public social health.

Scholarships can be used e.g. for a clinical traineeship (Famulatur), for interships (PJ) and for examinations, master's theses and doctoral studies. Scholarships are granted exclusively to applicants from German-speaking countries wishing to go abroad and to foreign applicants who are interested in a study project in Germany.

Applicants should have above-average grades, a high level of motivation, a broad horizon and personal commitment, e. g. to society and the common good.

Further information and application forms:
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The benefactor Dr. Carl Duisberg

Dr. Carl Duisberg is one of the central figures in the history of the Bayer Group and the German chemical and pharmaceutical industry as a whole. Serving for many years as Director General of Farbenfabriken vorm. Friedr. Bayer & Co., his influence on nearly all developments in the various parts of the company was instrumental in Bayer's progress on the road to becoming an international company. The Bayer executive is also remembered for his social achievements. Duisberg is regarded as the prototype of a new type of industrialist whose self-image was determined by an obligation toward society.

The two Freiburg medical students Frauke Schaffrath and Lars Roeddiger gained valuable experience in their interships at the St. George's University in Grenada thanks to a scholarship from the Bayer foundations.

Kurt Hansen scholarships

Kurt Hansen scholarships are aimed at supporting

- students studying to become science teachers and
- young science teachers.

The scholarships can be used for study projects, internships, summer courses, supplementary study courses, as well as theses and doctoral studies. Assistance is also available for projects aimed at improving the training of science teachers.

Scholarships are granted exclusively to applicants from German-speaking countries wishing to go abroad and to foreign applicants who are interested in a study project in Germany.

Applicants should have above-average grades, a high level of motivation, a broad horizon and personal commitment, e. g. to society and the common good.

Further information and application forms:
www.bayer-foundations.com

The benefactor Professor Kurt Hansen

Professor Kurt Hansen, who served as chairman of the Board of Management of Bayer AG from 1962 to 1974, was the driving force for a large expanding of Bayer's international position, particularly outside of Europe. For the natural scientist and certified management assistant, support for research in the fields of science and medicine was of central importance for the long-term success of the company.

Peter Nelle, student teacher for chemistry and biology at the Albert Schweitzer High School in Marl, received a Kurt Hansen scholarship to fund a period of study at the Queens University in Belfast.

Hermann Strenger scholarships

The Hermann Strenger scholarship program promotes international work experience for

- young talents with a non-academic background.

Applications are welcome from apprentices and young professionals with a non-academic background wishing to go abroad to gain work experience, e. g. through on-the-job assignments, projects, internships or training courses.

The following disciplines are particularly in focus:

- Technical professions
- Science-related work fields
- Health and medical sector
- Trade and business administration

Further information and application forms:
www.bayer-foundations.com

The benefactor Hermann Josef Strenger

Hermann Josef Strenger began his career at Bayer as a commercial trainee in 1949. His father too had worked for the company. In 1984 he took over from Dr. Herbert Grünewald as chairman of the company's Board of Management. Bayer's positive business development during Strenger's tenure as Bayer's chairman was associated with a broadly based environmental protection program. He introduced a corporate philosophy in which ecology and economy were declared to be corporate objectives of equal rank.

Thanks to a Hermann Strenger scholarship, ergotherapist Martina Knittel was able to gain practical experience at the Red Cross Children's Hospital in Rondebosch in South Africa.

Bayer-Deutschlandstipendien

The Bayer Science & Education Foundation supports the national scholarship program act of the German government and funds 100 Deutschlandstipendien for ambitious talents studying natural sciences and technology.

Germany is the main center for Bayer's worldwide research activities. Supporting excellent young scientists in Germany is therefore a key element for Bayer's success as an inventor company.

Throughout the summer semester 2011, the Bayer foundation will make additional funds available for this program in the total amount of €900,000 over five years. The installments will be made for 100 study places at selected excellence universities in Germany. The scholars will be nominated by their home universities.

Bayer Lindau Fellowship

The Lindau Nobel Laureate Meetings are an internationally acknowledged platform for top scientists and a springboard for global knowledge exchange. Starting in 2010, the Bayer Science & Education Foundation enables 20–30 young scientists from around the world to take part in this exciting and exclusive event every year.

For this program the Bayer foundation provides additional travel grants in a total amount of €50,000 every year. The participants will be selected by the national academies of science of their home countries and officially appointed by a high-profile panel of judges from the Lindau Nobel Laureate Meetings.

As an additional benefit, the Bayer foundation offers the Lindau Fellows the opportunity to network with Bayer researchers and to intensify their contacts through the Bayer alumni network.

Further information and application forms:
www.bayer-foundations.com

The "Deutschlandstipendiaten" of the Ludwig-Maximilians university in Munich were one of the first supported students in the Bayer-national scholarship program.

Bayer scholarships for schoolchildren

With the Bayer scholarships for schoolchildren, the foundation offers youngsters the opportunity to participate in international summer school camps with a special focus on natural science topics.

The program is open to talented schoolchildren who show a particular interest in science and technology.

Currently the foundation supports the

Bayer Climate Fellowship program

Every year 6-10 school students receive a travel grant to participate in a scientific summer camp dedicated to climate protection and sustainability topics in Pittsburgh (USA).

The participants travel to the USA for a two-week science camp – the Bayer Sustainability Camp. Together with young Americans, the Bayer Climate Fellows do research work regarding climate change, climate protection and sustainability.

The camp is organized by the nonprofit organization RiverQuest based in Pittsburgh. RiverQuest has already received multiple awards for its education programs and has been collaborating with the Bayer USA Foundation for a number of years.

Further information:
www.bayer-foundations.com

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Medical student, received a Carl-Duisberg scholarship from the Bayer Foundations for clinical practice at Rarotonga on the Cook Islands.

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