



## PROJECT GUIDELINES

For the purposes of this program, we will use the following definition of biotechnology: "Biotechnology is the use of the knowledge of biological systems to produce goods and services."

- A project is deemed relevant if its content relates to the various applications of biotechnology such as health care, agriculture and forestry, food processing, mining and the environment, and forensics; and it applies the knowledge and techniques of the current courses at school and/or other scientific studies such as biochemistry, molecular biology, cell biology, microbiology and biotechnology.
- The project must include scientific experiments that recognize and control all significant variables and demonstrate excellent collection, analysis and presentation of data.
- The project should not involve the use of any dangerous chemicals or bio-hazardous materials, except under the direct supervision of qualified personnel with appropriate permission and consent forms completed and on file. All required permissions and paperwork of the International Science and Engineering Fair must be completed in **advance** of conducting the project.
- The project should conform in general with the guidelines for International Science and Engineering Fair Guidelines.

## STUDENT ELIGIBILITY

- Students must be enrolled in biology or science-related courses (Grade 9 to 12) in any public or private school within the United States.
- Individual students only may submit only ONE project for this competition.
- Research presented in 2011 must be NEW research. Projects may be continued research from previous years. Any project conducted in a similar area of research as previous projects should be considered a continuation. If the project is a continuation, explain as completely as possible how the project will differ from previous experimentation because ONLY a new and different research project is allowed. The current year project must demonstrate significant progress. Explain when the actual experimental procedure (not the background literature review) will begin and end because ONLY a 12-month project that occurred within the last 18 months before this year's International BioGENEius Challenge is allowed.
- Students in Canada and Western Australia may visit [www.cberc.ca](http://www.cberc.ca) and [www.westernaustralia.com](http://www.westernaustralia.com) respectively for information on how to participate.

**Guidelines for Local Competitions are coming soon.**

**Please check back in October!**

This information is found at:

<http://www.biotechinstitute.org/programs/InternationalBioGENEiusChallengeGuidelinesandEligibility.html>