



Application Guidelines and Instructions 2010 Grant Cycle

Initial Proposal Application Deadline

The Initial Proposal Application must be submitted by **Thursday, January 7, 2010, 12:00 Noon, U.S. and Canada Eastern Time (GMT-5)**, to the online application system, located at www.goldhirshfoundation.org.

Full Proposal Deadline on April 21, 2009 (by invitation only)

Applicants who are invited to submit Full Proposals will be notified by email in early March 2009. The Full Proposal Application includes the Application Face Sheet, Department or Division Head Letter, Budget Forms, Budget Justification, Applicant's Biosketch and a 10-page Research Proposal. Applicants will be notified of funding decisions on or before June 1, 2010. Funding will begin July 1, 2010.

Size of the Award

Up to three investigators will receive grants of \$400,000 USD (inclusive of 10% indirect costs) over two years at \$200,000 USD per year. The Foundation also makes awards of \$100,000 USD (inclusive of 10% indirect costs) for one-year pilot studies. Please note that The Goldhirsh Foundation is not offering the three-year \$600,000 USD award for the 2010 Grant Cycle.

Statement of Purpose

New approaches in brain tumor research are emerging, generated by the use of new genetic tools, insights from neurogenesis and stem cell biology, and the availability of novel molecules as potential chemotherapeutic interventions. The Goldhirsh Foundation is interested in providing strategic investment in both pediatric and adult brain tumor research to accelerate progress toward more effective treatment for malignant diffuse glioma tumors. Applications are encouraged from investigators working in the continuum between basic research and clinical application, integrating and translating knowledge in various disciplines into meaningful progress for patients. Examples of funding areas include but are not limited to oncogenomics and proteomics, genetically engineered models, the discovery and testing of small molecule therapies, unusual drug delivery systems, or improved brain imaging techniques. Research projects at the interface of developmental biology and cancer along the stem cell to glial axis are eligible.

Applicant and Research Project Eligibility

The Goldhirsh Foundation is accepting Initial Proposal Applications from applicants who meet the following eligibility requirements:

- Have an M.D. and/or Ph.D. degree(s) or equivalent degree.
- Hold a faculty appointment at a nonprofit academic, medical or research institution in the United States, Canada or Israel. The applicant may collaborate with investigators from other institutions and these institutions may include for-profit companies.
- Preference will be given to originality of ideas, regardless of applicant seniority.

- Eligibility is not limited to those investigators currently working in brain tumor research. Investigators from other fields are encouraged to apply with proposals directly relevant to malignant diffuse glioma tumors.
- Projects must be relevant to tumors within the category of malignant diffuse gliomas, i.e., glioblastomas, diffuse astrocytomas (WHO grade III), oligoastrocytomas (WHO grade III), and oligodendrogliomas (WHO grade III).
- Projects focusing on WHO grade I-II gliomas, non-glial neuroepithelial tumors, meningeal tumors, nerve sheath tumors, CNS lymphomas, germ-cell tumors and tumors of the sella region are beyond the scope of the grant program.
- Projects that characterize genes and gene products of normal cellular development are not eligible, nor are epidemiological studies.

Applicants do not need to be nominated by their institutions. The sponsoring institution accepts responsibility for the scientific, administrative and financial management of the overall project including any subcontracts used for the project.

Resubmission

The Goldhirsh Foundation Brain Tumor Research Awards Program will not consider any research proposal that has been submitted more than two times (Original and Revision). Investigators who have submitted two versions of an application and have not been successful must substantially change all sections of the research proposal. Recipients who have received both a one year and three year award will not be eligible to submit a new application for a third award.

Award Selection Criteria

The Goldhirsh Foundation uses an independent Scientific Advisory Committee comprised of senior scientists who review applications and make recommendations to the Goldhirsh Foundation Board of Directors. A listing of the committee members and prior Award Recipients are available at www.goldhirshfoundation.org.

Only one application may be submitted per applicant who must choose to apply for either a two-year or one-year award. Applications for the two-year (\$400,000 USD) award will be evaluated separately from those for the one-year (\$100,000 USD) award program. Selection is based on the following factors:

- Qualifications of the Applicant and prior experience in conducting innovative research;
- Hypothesis that is clearly stated, based on sound precedents and supported by relevant literature;
- Objectives that are well thought out, realistic, and technically feasible;
- Quality and originality of the research project; and
- Potential to improve treatment of malignant diffuse glioma tumors.

Please note: The Goldhirsh Foundation will not provide individual written critiques of the Initial Application. Applicants invited to submit full proposals will receive brief written critiques of the research project.

Historical Statistics	Grant Cycle 2009		Grant Cycle 2008		Grant Cycle 2007	
	\$100,000	\$600,000	\$100,000	\$600,000	\$100,000	\$600,000
# of Initial Applications	115	95	73	57	100	52
# of Full Proposals	10	11	9	9	9	7
# of Award Recipients	2	3	5	4	6	3

Application Instructions for Initial Proposal

The complete application must be submitted by **Thursday, January 7, 2010, 12:00 Noon, U.S. and Canada Eastern Time (GMT-5)**

Start a new application: https://www.GrantRequest.com/SID_738?SA=SNA&FID=35046

Continue an existing application: https://www.GrantRequest.com/SID_738?SA=AM

To complete the online application, the following is required:

1. Eligibility Quiz

2. Application Fields: Principal Investigator contact and educational background information, Project Title, Project Type, Key Words, Primary Institution to conduct the Proposed Research, and Scientific and Non-Technical Project Summaries.

3. Attachment: The two documents listed below must be combined and converted into **ONE PDF** file for upload. This document must be named LastName, FirstName.pdf (for example, Smith, Jane.pdf)

A. Biographical Sketch of Principal Investigator (not to exceed four pages): The R01 PHS 398 Biographical Sketch form may be used. Include name, position title, education/training, positions/honors and selected publications in chronological order. List publications in the following categories: a) peer-reviewed articles, b) non peer-reviewed articles such as reviews and book chapters, and c) abstracts within the last two years. Citations should include all authors, year, title, journal, volume and inclusive pagination. Relevant Collaborator(s) Biographical Sketch may be included.

List ongoing, completed (within the last three years) and pending research projects (public, or U.S. federal, and foundation or other private support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of these projects and the Applicant's responsibilities.

B. Initial Proposal (Maximum of two pages excluding references cited): Outline succinctly the nature of your proposed project and its relevance to the treatment of malignant diffuse glioma tumors. The Investigator should highlight the aspects of his/her project that are new approaches in this field. The four sections below must be clearly stated in the Initial Application:

- Specific Aims
- Background and Significance
- Research Design and Methods
- How the project contributes to malignant diffuse glioma tumor research

Format: Include at the top of each page, the Principal Investigator's full name followed by degree(s). The minimum font size is 11 with single spacing within paragraphs and double spacing between paragraphs; margins must be one inch on all four sides. Proper capitalization (e.g. Jane Smith, M.D., Ph.D.) is required for all contact information. Application must be in English.

Resubmission Note: Investigators who have already submitted two versions of an application to the Goldhirsh Foundation and have not been funded may submit again as long as all sections of the proposal have substantially changed. Include in the Initial Proposal Application a brief explanation that clarifies the differences between the new submission and prior submissions.

Contact Information:

Linda Lam, Program Officer
Brain Tumor Research Awards Program
The Goldhirsh Foundation
95 Berkeley Street, #208, Boston, MA 02116
Tel: (617) 279-2254
LLam@goldhirshfoundation.org

Sally E. McNagy, M.D., M.P.H., Director
Brain Tumor Research Awards Program
The Goldhirsh Foundation
95 Berkeley Street, #208, Boston, MA 02116
Tel: (617) 279-2240 ext. 704
SMcNagy@goldhirshfoundation.org