



Green Chemistry Institute
American Chemical Society
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Green Chemistry Institute Developing/Emerging Nations Grants Program Request for Proposal

Background

Due to the generous and thoughtful funding support of the IUPAC Chemical Research Applied to World Needs Future Actions Committee (CHEMRAWN XIV FAC), the Green Chemistry Institute (GCI) is able to provide several seed grants to assist developing/emerging nations in advancing Green Chemistry. One of the goals of the CHEMRAWN XIV FAC's action plan was to facilitate the research, education, outreach, communication, and industrial implementation of Green Chemistry around the world. This Green Chemistry Institute Developing/Emerging Nation (GCI-DEN) grants program targets activities that build collaborations among GCI chapters in developing/emerging nations with chapters in industrialized nations, regardless of where the project actually takes place. While Green Chemistry is applicable in all nations, there is perhaps the greatest need for the benefits to human health, environmental, and economic development in the targeted nations.

Program Description

Overview

The GCI-DEN Program will provide small seed grants to individuals or groups sponsored by a GCI international chapter(s) to promote Green Chemistry in developing/emerging nations. The purpose of the GCI-DEN Program is two-fold:

1. To assist in building Green Chemistry capacity in developing/emerging nations.
2. To build collaborations and lasting relationships between GCI chapters in developing/emerging nations.

The scope of activities that can be considered for grants is very broad and can include research, education and training, outreach, communication, industrial or practical application of Green Chemistry technologies, and scientist exchange. Fellowships, workshops, symposia, material translation and distribution, and development of communication tools are among some of the anticipated activities.

Potential projects might include:

- Purchase and distribution of educational materials
- Projects to translate existing materials for broader local distribution
- Equipment purchase and installation to facilitate green chemistry research
- Regional green chemistry workshops

- Seed funding for proposal development for larger project funding
- Government/industry meetings to promote Green Chemistry (possibly leveraged with a visit by a GCI person paid by GCI)

While individual activities such as travel grants can be considered, all proposals will be evaluated for their ability to make the largest impact on the largest number of people to advance Green Chemistry. Typical grant size is expected to be in the \$2,000-\$5,000 range; however, larger grants may be considered for more ambitious projects. The criteria for assessing the proposals for funding will include:

1. Advances Green Chemistry in Developing/Emerging Nations – The proposed activity should explicitly advance the use of Green Chemistry as opposed to traditional approaches to environmental assessment/clean-up or industrial chemistry. The activity should explicitly impact the developing/emerging nation as opposed to expanding industrialized nations' efforts.
2. Builds Collaboration and Lasting Relationships Between GCI Chapters – While activities involving single GCI chapters can be considered, those activities that include multiple GCI chapters will be more competitive. For those proposed activities with active engagement from GCI chapters, the more chapters included, the stronger the proposal.
3. Maximizes the Impact by Leveraging Resources – Proposed activities that involve a single individual are not as competitive as those proposals that involve and impact many people or organizations. Projects that will be able to obtain additional funding or resources due to GCI funding will be more competitive than those where GCI is the sole source of funding.
4. Long-term Impact – Activities that provide a lasting impact for the future will be regarded more highly than those that have a one-time impact.

Eligibility Criteria

Primary consideration of proposals will be given to those submitted or endorsed by one or more GCI international chapter(s). However, any individual or organization may submit a proposal for funding if able to demonstrate the capability and knowledge in Green Chemistry to complete the project.

Application Process

The proposal application **must** include the following elements to be considered:

1. Cover page with the following information:
 - a) Project Title
 - b) Name of Submitting Institution and Individual
 - c) Contact Information (Name, Address, Phone, Fax, E-mail, URL)
 - d) Abstract of Proposal (Not to exceed 100 words)

- e) Category of Project (Research, Education, Outreach, Implementation, Other - specify)
2. List of all sponsoring GCI Chapters (if applicable) and summaries of major Green Chemistry activities by all sponsoring chapters (not to exceed two (2) pages for each GCI Chapter summary)
3. Proposal Narrative- applicants are advised to address the following topics (not to exceed five (5) pages)
 - a) Project description
 - b) How the project advances Green Chemistry
 - c) How the project impacts the developing/emerging nation
 - d) How the project builds relationships between GCI Chapters
4. Detailed budget, describing how and over what time frame the funds will be spent (not to exceed one (1) page)

Deliverables

Proposals selected will be required to submit a report detailing the outcome of the project (not to exceed five (5) pages) along with one copy of any materials generated by the project, within one year of the project funding.

Deadline

Applicants are encouraged to apply as early as possible. Proposals postmarked by April 15, 2006 will be reviewed and considered for funding. Decisions will be made on a rolling basis.

Format & Logistics

Electronic submissions should be sent to gci-grants@acs.org with "GCI-DEN Grants" in the subject line.

Hardcopy submissions may be mailed to:

Green Chemistry Institute
American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036
Phone: (202) 872-6102

Alternatively, applications may be faxed to (202) 872-6206.