



U.S. CIVILIAN RESEARCH & DEVELOPMENT FOUNDATION COOPERATIVE GRANTS PROGRAM 2007-A

I. Introduction and Scope

U.S. Civilian Research & Development Foundation (CRDF) is currently accepting proposals for its **Cooperative Grants Program (CGP)**.

The primary goals of the CGP are:

- Support high-quality, innovative, basic, and applied research and development by establishing sustainable joint U.S.-Eurasian research collaborations,
- Provide an alternative to emigration for Eurasian scientists, and
- Engage and employ former weapons research scientists in civilian research.

This program provides up to two years of support to joint research teams of U.S. and Eurasian scientists and engineers in all areas of basic and applied research and development. Proposals may be submitted for cooperation in any area of civilian research and development in the natural sciences, mathematics, and engineering. Proposals may include basic and applied science, as well as engineering activities.¹

Starting in 2007, due to program restructuring, the CGP competition will only be accepting proposals from researchers in **Kazakhstan, Kyrgyz Republic, Russian Federation, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan**.

Researchers from **Armenia, Azerbaijan, Georgia, and Moldova** should contact the appropriate country's CRDF counterpart organization regarding other funding opportunities. Applicants from Armenia, Azerbaijan, Georgia, and Moldova may serve as team members on projects from eligible countries.

CRDF is a private, nonprofit charitable organization created by the United States Government in 1995 to promote international scientific and technical collaboration. More information about CRDF can be found at <http://www.crdf.org>. CRDF receives funding for this program from the U.S. Department of State, the National Science Foundation (NSF), and the U.S. National Institutes of Health (NIH).

II. Program Guidelines

A. General. The total maximum grant size is \$70,000 for up to two years of research and development. At least 80% of the funds awarded to each project must be used for the Eurasian team's expenses, including institutional support. No more than 20% may be used for the U.S. team expenses. These funds will be allocated separately and administered directly to the individuals and institutions involved.

Proposals will be accepted to the CGP according to the following schedule:

| CGP 2007-A Proposal Deadline | Eligible General Scientific Areas | Announcement of Results |
|---|--|------------------------------------|
| Thursday, February 1, 2007 11:59 pm (23:59) Eastern Standard Time | <ul style="list-style-type: none">• Physical Sciences• Electrical, Materials and Manufacturing Sciences• Mathematical and Information Sciences | Wednesday, August 1, 2007 |

Please see instructions below for details on eligibility and submission requirements.

¹ Such activities may include technological development and process engineering leading to commercial products, but not commercial manufacturing or marketing.

B. Eligibility. Each proposal must meet each of the following eligibility criteria:

1. Each proposal submitted to the CGP must have **one Eurasian Principal Investigator** and **one U.S. Principal Investigator**, who share overall responsibility for the project in their respective countries, coordinating all project participants and institutions.
2. Each Principal Investigator must:
 - a. Possess the degree of Ph.D., M.D., or the equivalent research experience;
 - b. Have at least five (5) scientific publications in peer-reviewed scientific literature (if the applicant has received his or her Ph.D., M.D., or the equivalent in the past six (6) years, three (3) publications are required); and
 - c. Work full-time in a civilian research environment.²
3. The Eurasian Principal Investigator and participants on the Eurasian team must be citizens and permanent residents of one of the following countries: Kazakhstan, Kyrgyz Republic, Russian Federation, Tajikistan, Turkmenistan, Ukraine, or Uzbekistan. All Eurasian participants must reside in one of these listed countries for the majority of the grant period.
4. The U.S. Principal Investigator and participants of the U.S. team must be U.S. citizens or permanent residents of the U.S. and must reside in the U.S. during the course of the CGP project. U.S. graduate students may be foreign nationals, but they must be enrolled in an accredited degree program at an U.S. institution.
5. All projects must be oriented toward non-military objectives and must be carried out in a civilian research environment.
6. Eurasian and U.S. Principal Investigators may only serve on one submission per competition. Principal Investigators must allow twelve (12) months to elapse between successive submissions to the CGP competition.
7. Each proposal is evaluated independently and therefore should not be part of, nor depend on the success of, other proposals submitted to this program.
8. Eurasian or U.S. Principal Investigators who have a previous or existing CRDF award, including CGP awards, which are within six (6) months of completion as of the relevant submission deadline, are eligible to apply to this program. Applicants who are previous or current CRDF grantees must be up to date on the submission of all progress reports, including final project reports, to CRDF. Please refer to Section II.N.4. below.
9. CRDF reserves the right to restrict the participation of any individual or institution in its programs. CRDF complies with all U.S. laws and regulations pertaining to export control and the participation of foreign nationals or institutions in its activities. It is the policy of CRDF not to conduct any transactions with U.S. restricted entities without appropriate authorization from the U.S. Government.

C. General Proposal Submission Instructions. All proposals must be submitted electronically through the Cooperative Grants Program Electronic Proposal Submission (EPS) site at the CRDF website:

<http://proposals.crdf.org/cgp>

All submitted proposal must include a Cover Sheet (Form A) with basic information about the proposal, Eurasian Principal Investigator, Eurasian Institute Director, U.S. Principal Investigator, and the U.S. Institutional Representative.³ Each proposal must include all of the elements in Section II.F. below, including information on key project personnel.

² U.S. Government Laboratory employees working on civilian-oriented research and development projects are eligible to apply to this program.

³ The U.S. Institutional Representative is an individual with the legal authority to commit the U.S. institution to the proposal/contractual arrangement and to negotiate the financial terms of an award agreement with CRDF.

Proposals should be submitted only ONE time and by only ONE Principal Investigator on the project.

The Eurasian and U.S. Principal Investigators should jointly develop the proposal and obtain the concurrence of the Eurasian Institute Director and U.S. Institutional Representative. Once the proposal has been finalized, they should select one Principal Investigator to submit the proposal electronically through the CRDF website.

At the conclusion of the electronic submission process, both the Eurasian and U.S. Principal Investigator will receive a confirmation message from CRDF; a copy of this message will also be sent to the Eurasian Institute Director and the U.S. Institute Representative identified in the proposal. Further instructions on electronic proposal submission are available at the above website.

D. Review of Proposals. All proposals will be screened for eligibility and completeness upon receipt by CRDF. Scientific merit review will be performed by expert panels and external reviewers appointed by CRDF. The panels will use the evaluation criteria described below in Section II.E. to reach their funding recommendations.

All awards are subject to the availability of funding from U.S. Government agencies sponsoring this competition. Historically, the CGP program has been very competitive, averaging a 6-10% success rate. All decisions of CRDF are final.

E. Evaluation Criteria. CRDF panels and external reviewers utilize the following criteria in the evaluation of proposals for this program. The first two serve as CRDF's primary criteria that must be met by all projects; the remaining four serve as supplementary criteria, as appropriate to the nature of each project.

1. **Performance Excellence:** The capability of the investigators, the technical soundness of the proposed approach, the adequacy of the technical resources and capabilities available to the project through all participants, and soundness of plans to manage and coordinate the project.
2. **Intrinsic Merit:** The likelihood that the project may lead to new knowledge or novel processes that will have a substantial impact on one or more fields of science and engineering.
3. **Utility:** The likelihood that the results of the project will serve as the basis for new or improved technology, have potential commercial value in the marketplace, or assist in the solution of societal problems, especially in Eurasia.
4. **Transition of Weapons Scientists to Civilian Science:** The participation of former weapons scientists in civilian projects carried out in civilian research environments.
5. **Mutuality of Benefit:** The likelihood that the project will result in comparable scientific or technical benefits to the countries of Eurasia, the United States and other participants.
6. **Effect on the Infrastructure of Science and Engineering:** Potential for improving the broad basis of science and technology, including: education opportunities and project personnel (e.g., participation of younger scientists and students, including those returning from abroad; university researchers; and women); geographic distribution of R&D personnel and resources; and sharing of equipment among institutions.

F. Proposal Contents. All proposals must be written in English. We highly encourage all applicants to review **CGP Application Frequently Asked Questions** page at http://www.crdf.org/focusdocs/focusdocs_show.htm?doc_id=428393. To assist you in preparing your proposal, please check CRDF's website for a **Grant Writing Tips** document, complete with sample forms and examples on how to avoid common mistakes. We highly recommend that you review these documents prior to writing your proposal.

Each proposal must include all of the following elements. Only applications that include this information will be considered eligible and complete for review. All proposals should be typed; single-spaced; in English; with margins of one inch at the sides and on the top and bottom; be a maximum of 22 pages, including forms; and be numbered consecutively in the upper right corner. Proposals should also have a font size of no less than 10 points.

Applicants are required to use the electronic templates for Forms A-D that are provided by CRDF. These templates can be found at the end of this Program Announcement. Applicants may refer to the **Checklist of Documents Required for Proposal Submission**, located at the bottom of Section III.

IMPORTANT: No proposal may exceed 22 pages in length. Additional pages are acceptable *only* for Protocol Summary Form for Human Subjects Research and For-Profit or Cost-Sharing Commitment letters.

1. **Cover Sheet (Form A).** The cover sheet should include basic information about the proposal, Eurasian Principal Investigator, Eurasian Institution Director, the U.S. Principal Investigator, and the U.S. Institutional Representative. The U.S. Institutional Representative is the individual who would be responsible for negotiating contractual and financial terms in the case of award. This information must also be entered during the electronic proposal submission process.
2. **Abstract.** In one concise paragraph, summarize all relevant aspects of the project, with special attention to its objectives, methods, and potential results.
3. **Project Narrative (8 pages maximum, including any graphs, diagrams, photos or references cited).** Describe:
 - a. The approach, objectives, milestones, and measurements of success that will be used;
 - b. How the individual and combined competencies of the Eurasian and U.S. research team will enable the project to be carried out, and what relevant prior work has been carried out by members of the team (when appropriate, relevant prior CRDF awards must also be described);
 - c. The anticipated results of the project and how they address the CRDF evaluation criteria listed in Section II.E.;
 - d. How the project compares to current research conducted in the topic area;
 - e. Equipment to be utilized in the project, with special focus on justifying requests for any equipment for which CRDF support is requested;
 - f. How the Eurasian and U.S. Principal Investigators will coordinate project implementation and assess progress at regular intervals. Each project must involve significant and substantive cooperation between the Eurasian and U.S. teams. All proposed international travel to be funded under the project must be described in terms of its purpose and duration.
4. **Eurasian and U.S. Principal Investigator Curricula Vitae.** The proposal must contain a *curriculum vitae* of no more than one page for each Principal Investigator. It should include the individual's name, title, educational background, current and previous institutional affiliations with dates, area of expertise, and his or her most recent scientific publications of relevance to the project. Each Principal Investigator must list at least five (5) publications of relevance.
5. **Eurasian and U.S. Personnel Data (Form B).** Please fill this form out for each participant on the Eurasian and U.S. team, including researchers/engineers, technical/scientific support staff, graduate and undergraduate students, administrative/clerical support staff, and secondary collaborators.

Form B is for additional team personnel only; the Eurasian and U.S. Principal Investigators do not need to complete Form B with their own information. Please copy this page as necessary. In the relevant section within Form B, a short curriculum vitae for each Eurasian and U.S. participant must be included. Each participant's curriculum vitae should be no longer than a half-page and should include brief information on the participant's educational background, current and previous institutional affiliations with dates, area of expertise, and his or her most recent scientific publications of relevance to the project. All information provided in Form B, including list of publications, must be written in English.

IMPORTANT: U.S. personnel are not required to offer information regarding their dates of birth.

6. **Budget (Form C).** A budget must be submitted using the Form C template that follows this Program Announcement. Form C must be filled out completely. Applicants should submit one Budget (Form C) for the entire award period. Applicants should refer to the “Budget Guidelines” in **Appendix 4** for information to be listed on the Form C.
7. **Budget Narrative.** A separate sheet explaining all budget items in detail must follow the Budget (Form C). This sheet should be clearly marked “Budget Narrative.” Applicants should refer to the “Allowable Costs” in Section II.G. and the “Budget Guidelines” in **Appendix 4** for information that should be described in detail in the Budget Narrative. Requested equipment items with a value of over \$1,000 must be explained in the Budget Narrative.
8. **Statement of Other Support (Form D).** Both Principal Investigators must complete the Statement of Other Support (Form D), listing current and pending sources of support for all their research projects, excluding those that are already included under the “**COST-SHARING FROM NON-CRDF SOURCES**” section in the budget. Applicants with grants from U.S. Government sources, such as NIH or NSF, should indicate the grant number, duration of the award and level of effort. If a Principal Investigator has no other sources of support, please check the box marked “None” at the top of Form D and include this page with the proposal. If this proposal has been submitted to another organization, please indicate this information clearly in Form D.

G. Allowable Costs. CRDF expects the average grant size to be approximately \$60,000 over a two-year period. No proposal requesting more than \$70,000 will be considered by CRDF. ***In the case of an award, a project budget may be subject to revision by CRDF staff.***

The following costs are permitted under CRDF guidelines for this program:

1. **Eurasian Team Expenses.** ***Support for the Eurasian team’s expenses may account for no less than 80% of the total amount requested from CRDF.*** No Eurasian taxes may be included in any budget proposal submitted to CRDF. Allowable expenses include:

- a. **Individual Financial Support.** Individual Financial Support (IFS) is defined as payments to individual project participants for work performed on the project (i.e., labor costs). CRDF calculates individual financial support based on the level of effort and the professional level of each participant. A month for full-time personnel is considered 22 days, with each day made up of 8 hours of work. The IFS requests in the budget must be prorated to correspond to the direct level of effort each individual will devote to the project. Actual individual financial support requests may not exceed \$700 per month for the Eurasian Principal Investigator and may not exceed \$600 per month for other members of the Eurasian team. For a realistic time and level of effort calculation, applicants should use CRDF’s appropriate Forms and Templates.

For a definition of “Level of Effort” in IFS Payments, please refer to http://www.crdf.org/granteefaqs/granteefaqs_show.htm?doc_id=300514.

Applicants should also use “Level of Effort Tracking Log,” which can be found at http://www.crdf.org/granteeforms/granteeforms_show.htm?doc_id=294008.

Typical IFS daily rates for a number of professional levels are shown below. Please consider these rates, as well as geographical, cost-of-living, and other factors, when calculating individual financial support for project personnel.

| Position | Range of Maximum IFS Daily Rates | Maximum Rate Not to be Exceeded | Maximum Amount Per Person Per Month |
|---------------------------------------|----------------------------------|---------------------------------|-------------------------------------|
| Principal Investigator/ Project | \$22.73 to \$31.82 | \$31.82 | \$700 |
| Senior Researcher/Engineer | \$18.18 to \$27.73 | \$27.73 | \$600 |
| Junior Researcher/Engineer | \$13.64 to \$22.73 | \$22.73 | \$500 |
| Technical/Scientific Support Staff | \$9.09 to \$13.64 | \$13.64 | \$300 |
| Student | \$4.55 to \$13.64 | \$13.64 | \$300 |
| Administrative/Clerical Support Staff | \$3.41 to \$9.09 | \$9.09 | \$200 |

b. **Equipment, Supplies and Services.** This includes support for research equipment, including computers and telecommunications devices and/or services, subscriptions to scientific journals, reagents, and other materials to be used in the research. Any item of requested equipment valued at more than \$1,000 must be specifically described and justified in the Budget Narrative.

If the proposal is to include services of professional consultants or service providers such as legal counsel, patent consultants, or other services, these services must be detailed in the Budget Narrative with a justification as to their necessity for successful execution of the project.

c. **Travel.** Transportation and per diem support for travel of Eurasian personnel in connection with the project should be requested and described in the Budget Narrative. International travel to collaborating labs is strongly encouraged. Travel funds may also be used for domestic travel within Eurasia. Limited support is also available for travel to international scientific meetings. The following cost guidelines should be used in preparing the budget:

1. **International Transportation.** CRDF-supported travelers must purchase the lowest-cost applicable round-trip airfare from Eurasia. Travelers must comply with the provisions of the Fly America Act. For more information, please see http://www.crdf.org/policies/policies_show.htm?doc_id=291723.
2. **Travel Allowances.** Applicants should refer to CRDF International Travel Allowances when preparing their travel budget. These allowances can be found on the CRDF website at http://www.crdf.org/policies/policies_show.htm?doc_id=291725 for Eurasian grantees traveling to the United States. These allowances cover lodging, meals, and incidental expenses. Health insurance is mandatory for all travel under CRDF awards and should be included in the proposal budget in addition to the travel allowance. Visa fees are allowable expenses and may be included in the proposal budget.

The maximum time abroad for any one CRDF-supported traveler is eight months over the course of an award. No single visit may exceed four months. It is also important to provide a justification and a description of the travel plans within the Budget Narrative.

d. **Secondary Collaborators.** Secondary collaborators are institutions other than the Eurasian or U.S. principal institutions that will participate in the proposed project and receive support under a CRDF award. Secondary collaborators may participate in the form of sub-contracted work and may include any allowable costs described in this section. All secondary collaborator personnel and

facilities must be specifically listed and described in the proposal. A separate budget justification for each secondary collaborator must be included in the Budget Narrative.

Team/s of secondary collaborators from Eurasian countries other than the country of the Eurasian Principal Investigator must be clearly indicated in the Budget Narrative, describing the institution's technical capability, the budget allocations, and the contact name and information for the secondary collaborator team's leader.

e. **Institutional Support.** Eurasian grantees must include in their budgets an allowance for institutional costs of 10% of the total Eurasian team expenses.

f. **Administrative Superiors.** An "Administrative Superior" is defined as an individual who has direct administrative authority over the Project Director/ Principal Investigator, and who works within the same division, laboratory, or unit as the Project Director/Principal Investigator. CRDF discourages the inclusion of an administrative superior in a proposal in any role for which individual financial support is requested. For authorization to include an administrative superior in a project, please see CRDF's guidelines at http://www.crdf.org/policies/policies_show.htm?doc_id=311224.

2. U.S. Team Expenses. Support for the team's expenses may account for no more than 20% of the total amount requested from CRDF. U.S. teams from universities, non-profits, or U.S. government institutions may request funds for expenses. U.S. teams from for-profit companies may not request any U.S. team expenses from CRDF. As described in **Appendix 3**, such companies are required to cover all U.S. team expenses and contribute 10% towards the Eurasian team's expenses by committing cash, material, or in-kind contributions. These expenses and their amounts should be described in the Budget (Form C) and in the Budget Narrative.

For eligible teams, CRDF will distribute support to the U.S. team on a cost-reimbursable basis. Allowable expenses include:

a. **Travel Expenses.** Transportation and travel allowances for U.S. personnel traveling to Eurasia in connection with the project are permissible expenses and should be described in the Budget Narrative. All CRDF-supported travel for U.S. personnel must comply with the Fly America Act. For more information, please see http://www.crdf.org/policies/policies_show.htm?doc_id=291723.

Travel allowances for U.S. travelers to foreign destinations may not exceed the listings found on the CRDF website at http://www.crdf.org/policies/policies_show.htm?doc_id=291099.

b. **Equipment, Supplies and Services.** Equipment, supplies and services may be requested up to \$5,000 per year, not to exceed \$10,000 for the entire award period. In addition to supplies and services, support for small pieces of equipment, such as a personal computer may be requested.

c. **Graduate Student Stipend.** The U.S. team may request individual financial support for a graduate student member of the team, for a maximum of \$10,000 for the entire award period. The graduate student stipend may include fringe benefits or tuition remission. For graduate students who are not yet identified, but whose participation is planned, please clearly indicate their participation and request for support in the Budget Narrative. Applicants should indicate such graduate students on the Budget (Form C) as "Planned Graduate Student."

CRDF does not provide individual financial support for non-student members of the U.S. team or provide support for large-scale pieces of equipment for the U.S. team. Institutional support (i.e., overhead) to the U.S. institution is also not allowed.

H. Intellectual Property. CRDF makes no claim to intellectual property rights under any award. CRDF's primary interest is that intellectual property rights be equitably allocated. Both the Eurasian and U.S. parties should be familiar with, and abide by the laws regarding intellectual property in their respective countries, including regulations regarding grants for research projects.

I. Award Administration Terms and Conditions. Applicants may refer to the CRDF website for guidance on CRDF policies and procedures relating to the financial and contractual management of CRDF grants, including

conflict of interest guidelines. An online library of resources and reference documents may be viewed at the following location: <http://www.crdf.org/granteeinfo/>.

J. Conflict of Interest. CRDF requires that all Project Directors/Principal Investigators and Principal Institutions adhere to the highest ethical standards in all matters related to CRDF awards. CRDF Conflict of Interest Guidelines are further outlined at http://www.crdf.org/policies/policies_show.htm?doc_id=296472.

K. Confidentiality. CRDF will treat all proposals as confidential material and will require all panelists and reviewers to respect the confidentiality of proposals. However, proposal authors should be aware that successful proposals will be treated as being in the public domain. Therefore, at the author's discretion, if there is specific information in the proposal that is business-confidential and not intended for public dissemination, it should be clearly labeled as such at the top and bottom of the applicable page of the proposal. Such passages will be withheld from public distribution if the proposal is successful.

CRDF will also share copies of proposals with its counterpart agencies in Eurasia, upon request of those counterpart agencies. CRDF requires the counterpart agencies to follow the same policies above regarding the confidentiality of all proposals.

L. Eurasian Counterpart Agencies. CRDF works closely with counterpart research and development agencies or organizations in Eurasia concerning the civilian research and development priorities that might be reflected in this and other CRDF programs in each country. A list of these counterpart agencies and their contact information is accessible via the CRDF website at http://www.crdf.org/about/about_show.htm?doc_id=293990.

M. Special Instructions for Submissions from Kazakhstan, Russian Federation, Ukraine, and Uzbekistan.

1. In addition to submitting an electronic version of the proposal to the CRDF website, applicants from **Kazakhstan** and **Ukraine** must submit two (2) hardcopies of the proposal to the address of the Ministry of Education and Science of Ukraine. Both proposal hardcopies must begin with a Cover Sheet (Form A) that includes the signatures of the Eurasian Principal Investigator and the Eurasian Institute Director.

In addition to the two hard copies of the proposal, applicants from Ukraine are required to submit a Ukrainian-language translation of their proposal.

All hard copy and language text materials from applicants must be submitted to the relevant counterpart or representative office, postmarked by the online submission deadline.

Applicants from the **Russian Federation** are no longer required to submit hardcopies of their full proposals to CRDF Moscow office. Applicants should, however, complete the CGP Proposal Overview Form available on the CRDF website at http://www.crdf.org/focusdocs/focusdocs_show.htm?doc_id=428393 and mail this form to the Moscow office- postmarked by February 1, 2007.

2. In accordance with applicable regulations of the Government of Uzbekistan, all proposals received involving scientists from **Uzbekistan** must be accompanied by an official "Conclusion" (zakliuchenie) from the Committee for Coordination of Science and Technology Development of the Cabinet of Ministers of the Republic of Uzbekistan in order to be considered for funding by CRDF. Please include a scanned copy of this document when submitting your proposal. Proposals submitted without this document cannot be reviewed for funding. For guidance on how to obtain the official "Conclusion" please contact:

Committee for Coordination of Science and Technology Development,
Cabinet of Ministers of the Republic of Uzbekistan
Prof. Erkin A.Zakhidov
Executive Director
Cc: Dr. Rustam M.Saidov
Head of Department on Development of International Science and Technology Cooperation
62 Amir Temur Str.,
700000 Tashkent, Uzbekistan
Tel.: 998-71-137-6247
Fax: 998-71-137-6158

**Summary Table of Special Requirements for Applicants from
Kazakhstan, Russian Federation, Ukraine, and Uzbekistan.**

| Eurasian Principal Investigator Country | Requirements | Specifications | Submission Recipient |
|--|---|--|--|
| Kazakhstan | <ul style="list-style-type: none"> • 2 hardcopies of proposal | <ul style="list-style-type: none"> • No special instructions | <ul style="list-style-type: none"> • CRDF counterpart agency in Kazakhstan |
| Russian Federation | <ul style="list-style-type: none"> • CGP 2007-A Proposal Overview Form | <p>The form must be completed in Russian language. The Russian text must include:</p> <ul style="list-style-type: none"> • Russian Principal Investigator name and institution • Russian Institution Director name • Project Abstract (Section II.F.2.) | <ul style="list-style-type: none"> • CRDF Moscow Office (listed in Information Section III) <p>All documentation will be shared with the Ministry of Education and Science and the Federal Agency for Science and Innovation.</p> |
| Ukraine | <ul style="list-style-type: none"> • 2 hardcopies of proposal • Ukrainian-language text | <p>The Ukrainian text must include:</p> <ul style="list-style-type: none"> • Project Narrative (Section II.F.3.) • “Expert conclusion” (<i>ekspertnyi vysnovok</i>) from the participating Ukrainian institution stating that proposal may be published abroad • Author’s statement certifying observance of regulations regarding information classified for national security purposes and patent law • Forms for these requirements can be obtained by email from CRDF Ukrainian Office (listed in Information Section III) | <ul style="list-style-type: none"> • Ministry of Education and Science of Ukraine |
| Uzbekistan | <ul style="list-style-type: none"> • Copy of official “Conclusion” | <ul style="list-style-type: none"> • At the time of electronic submission to CRDF, proposal must be accompanied by an official “Conclusion” (zakliuchenie) from the Committee for Coordination of Science and Technology Development of the Cabinet of Ministers | <ul style="list-style-type: none"> • CRDF |

CRDF counterpart agencies are listed on CRDF website at
http://www.crdf.org/about/about_show.htm?doc_id=293990.

N. Proposal Documentation and Special Requirements. Additional proposal documentation and special certifications may be required for proposals that contain any of the following elements:

- Participation of former weapons scientists;
- Inclusion of human subjects research;
- Cost-sharing and the participation of for-profit companies;

- Requests for renewed funding of a previous or existing CGP award.

1. **Participation of Former Weapons Scientists.** CRDF strongly encourages the full-time inclusion of Eurasian scientists and engineers formerly engaged in weapons research, including work on weapons of mass destruction, in the civilian research projects funded through this program. CRDF gives special consideration to proposals under this program that include full-time participation of Eurasian former weapons scientists or engineers in civilian research environments. Participants who were formerly engaged in weapons research are required to indicate such experience on Forms A and B of their CGP proposal, according to **Appendix 2** or the Weapons Expertise Classifications listed at http://www.crdf.org/policies/policies_show.htm?doc_id=296477.

Requirements for Kazakh and Russian Former Weapons Scientists. For proposals including individuals from Kazakhstan and Russian Federation who were formerly engaged in weapons research, the Eurasian Principal Investigator must receive written authorization as indicated below. CRDF strongly recommends that such applicants contact the appropriate CRDF counterpart agency at least one month before the proposal is to be submitted.

| Applicants with Weapons Experience | Requirements |
|------------------------------------|--|
| Kazakhstan | <ul style="list-style-type: none"> • The Kazakh Principal Investigator must receive written authorization from the appropriate CRDF counterpart agency in Kazakhstan before proceeding with preparation of a proposal to CRDF. Contact information for the CRDF counterpart agencies is provided on the CRDF website at http://www.crdf.org/about/about_show.htm?doc_id=293990. • A Principal Investigator must declare that written authorization was received for all researchers with weapons experience during online submission of their proposal to CRDF. |
| Russian Federation | <ul style="list-style-type: none"> • The Russian Principal Investigator must receive written authorization from the Russian Institute Director. • Russian applicants must submit this written authorization to CRDF Moscow Office, together with Proposal Overview Form, postmarked by February 1, 2007. • A sample defense authorization letter is available on CRDF's website at http://www.crdf.org/focusdocs/focusdocs_show.htm?doc_id=428393. |

2. **Guidelines for Proposals Involving Human Subjects Research.** All proposals involving human subjects research must adhere to CRDF's policy and guidelines on funding support for such projects. Please refer to the CRDF website at http://www.crdf.org/terms/terms_show.htm?doc_id=292607.

Each proposal involving human subjects research must include a completed Protocol Summary Form, available for download from the CRDF website at http://www.crdf.org/granteefoms/granteefoms_show.htm?doc_id=305885, and related supporting documentation.

These materials, indicating an approval or an exemption of the project to use human subjects, must be submitted during electronic proposal submission along with the proposal materials as described in Section II.F.

3. **Cost-Sharing.** CRDF encourages cost-sharing under its programs to maximize the resources devoted to projects it supports. The CGP requires cost-sharing from for-profit companies applying to the program. General guidance on cost-sharing can be found in **Appendix 3** of this Program Announcement and on the CRDF website at http://www.crdf.org/policies/policies_show.htm?doc_id=318877.

4. **Special Note on Requests for Renewed Funding.** CRDF accepts new proposals that are submitted as a continuation of previous and current awards provided that the awardees are up-to-date on semi-annual status and final reports, as well as all other award obligations. All status reports from previous or existing awards will be available to expert reviewers.

Investigators on current awards are only eligible to submit a new proposal provided that their projects are within six (6) months of completion as of the relevant submission deadline.

Proposals that are continuations of previous awards must be submitted using the standard CGP submission template forms. Applications should include a summary of achievements from the previous or existing award in the project narrative.

III. Information

For questions about the electronic proposal submission process, or for further information about this program, please contact the CRDF offices below. **Inquiries by e-mail are strongly encouraged and will result in prompt response.**

UNITED STATES

U.S. Civilian Research & Development Foundation (CRDF)
Cooperative Grant Programs
1530 Wilson Boulevard, 3rd Floor
Arlington, Virginia 22209
Telephone: 703-526-9720
Fax: 703-526-9721
Email: cgp@crdf.org
Senior Program Manager: Ms. Kathleen Meehan Coop

RUSSIAN FEDERATION

U.S. Civilian Research & Development Foundation (CRDF)
Ul. Miklukho-Maklaya 16/10, 206
Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, RAS
Moscow 117997, RUSSIAN FEDERATION
Telephone: 7-495-777-6560
Fax: 7-495-777-6559
Email: info@crdf.ru
Office Director: Ilya Kutsenok

St. Petersburg Representative
Rostislav Andreev
Telephone: 7-812-275-1174
Email: randreev@crdf.ru

Vladivostok Representative
Tamara Terekhova
Telephone: 7-4232-51-54-33
Email: t_terekhova@hotmail.com or terekhova@dvgu.ru

UKRAINE

U.S. Civilian Research & Development Foundation (CRDF)
4 Bogomoltsa Street, Room 134
Kyiv 252024, UKRAINE
Telephone: 380-44-253-7223 or 380-44-256-2543
Fax: 380-44-253-4577
Email: artn@ln.ua or science@ln.ua
Office Director: Natalia Artiukhovskaya

CHECKLIST OF ITEMS REQUIRED FOR PROPOSAL SUBMISSION

REQUIREMENTS FOR ALL SUBMISSIONS

- Cover Sheet (Form A)
- Project Abstract
- Project Narrative
- U.S. & Eurasian Principal Investigator Curricula Vitae
- U.S. & Eurasian Personnel Data (Form B)
- Budget (Form C)
- Budget Narrative
- Statement of Other Support (Form D)

SPECIAL REQUIREMENTS

- Clearance for Former Weapons Scientists (for Kazakh, Russian, and Uzbek applicants only)
- Proposal Overview Form submitted to CRDF Moscow office (for Russian applicants only)
- 2 Hardcopies of Proposal submitted to CRDF counterpart agency (for Kazakh and Ukrainian applicants only)
- Ukrainian-Language Text of Project Narrative, Expert Conclusion, and Author's Statement submitted to CRDF counterpart agency (for Ukrainian applicants only)
- Letter of Commitment to contribute 10% of Eurasian expenses and coverage of all U.S. expenses (for U.S. for-profit companies only)
- Letter of Commitment to contribute up to 5-10% of total Eurasian expenses (for Eurasian for-profit companies only)
- Letter of Commitment for in-kind contribution (U.S. and/ or Eurasian institution)
- Protocol Summary Form and supporting information, such as Institutional Review Board/Internal Ethical Committee Approval, Human Subjects Governmental Approval, and Confirmation of Federal-Wide Assurance (for proposal involving Human Subjects only)

APPENDIX 1
LIST OF GENERAL SCIENTIFIC AREAS AND SUB-DISCIPLINES

Electrical, Materials, and Manufacturing Sciences

Aero/Astro Engineering
Ceramics
Composite Materials
Electrical Engineering
Electronic Materials
Instrumentation
Lasers
Magnetic Materials
Manufacturing
Materials Science
Mechanical Engineering
Metallurgy
Nuclear Engineering
Optical Material
Polymers
Power Engineering
Superconducting Materials

Mathematical and Information Sciences

Abstract Algebra
Applied Mathematics (non-physics)
Complex Systems & Chaos
Computer Science
Geometry & Topology
Mathematical Logic & Number Theory
Mathematical Physics
Mathematical Statistics and Probability
Modern Analysis
Numerical Methods

Physical Sciences

Acoustics
Astronomy/Astrophysics
Atomic and Molecular Physics
Beams
Condensed Matter: General
Condensed Matter: Magnetic Properties
Condensed Matter: Structure
Condensed Matter: Superconductivity
Condensed Matter: Theory and Transport
Electronics
Fluids
Holography
Hydrodynamics
Lasers
Mechanics
Medical Physics
Nonlinear Optics
Nuclear Physics
Optics and Spectroscopy
Particles and Fields
Plasma Physics
Space
Theoretical Physics
Quantum Computing and Cryptography
Quantum Statistic

APPENDIX 2
WEAPONS EXPERTISE CLASSIFICATION CODES

Former Weapons Researcher – Defined as project participants or principal investigators who were formerly engaged in research at a current or former weapons laboratory or institution. Five categories of former weapons researchers are provided below (Categories B, C, and D are classified as Weapons of Mass Destruction researchers):

| CATEGORY A: MISSILE TECHNOLOGY EXPERTS | |
|---|---|
| CODE | DESCRIPTION |
| A1 | Design, construction and performance of air, space, surface and underwater - launched missiles. Materials and technologies for these missiles. Production of engines, fuels, composites, integrated elements, radio-electronic equipment, different testing devices for missiles. |
| A2 | Techniques for guidance and control of missiles from launching to impact. Includes optical guidance, television guidance, wire guidance, present and terminal guidance, internal guidance, command guidance, and homing guidance. |
| A3 | Missile handling and launching, including transportation, storage, and preparation for launching. Air, space, surface and underwater launching and support equipment and technologies. Checkout equipment and procedures. Guided missile ranges. |
| A4 | Techniques and systems for tracking missiles as defensive measures. Can be from surface installations or air and space-borne platforms. |
| CATEGORY B: CHEMICAL WEAPONS EXPERTS | |
| B1 | Design and performance of missile warheads and rockets for delivery of chemical weapons. |
| B2 | Materials, facilities and performance processes needed for the production of chemical weapon agents and their key precursors. |
| B3 | Dissemination of chemical weapon agents. |
| B4 | Basic knowledge on chemical weapons design and their effect on the human system. |
| CATEGORY C: BIOLOGICAL WEAPONS EXPERTS | |
| C1 | Design and performance of missile warheads and rockets for delivery of biological weapons. |
| C2 | Biopolymer production related to biological warhead capabilities. |
| C3 | Dissemination of biological weapon agents. |
| C4 | Basic knowledge on biological weapons design and their effect on the human system. |
| CATEGORY D: NUCLEAR WEAPONS EXPERTS | |
| D1 | Basic knowledge of Nuclear Weapons design, construction, characteristics and the effect on the human system. |
| D2 | Design, construction and performance of missile warheads for delivery of nuclear weapons. |
| D3 | Design, construction and performance of the equipment and Components for Uranium and Plutonium separation. |
| D4 | Design, construction and performance of the equipment connected with Heavy Water Production. |
| D5 | Design, construction and performance of the equipment for Development of Detonators. |
| D6 | Design, construction and performance of Explosive Substances and Related Equipment. |
| D7 | Design, construction and performance of the equipment and Components for Nuclear Testing. |
| D8 | Design, construction, performance and operation of production-type nuclear reactors for fissile and tritium-content materials production (breeding). |
| D9 | Design, construction, performance of nuclear reactors and units for submarine and for military space program. |
| CATEGORY E: OTHER | |
| E1 | Design, construction, and performance of powerful laser facilities for military applications. |
| E2 | Design, construction and performance of accelerator facilities for military applications in space programs. |
| E3 | Others. |

APPENDIX 3
INSTRUCTIONS FOR COST-SHARING AND IN-KIND CONTRIBUTIONS

GENERAL GUIDELINES

1. All cost-sharing must comply with the CRDF Cost-Sharing Guidelines. For complete guidelines and descriptions of cost-sharing types, please see the CRDF website at http://www.crdf.org/policies/policies_show.htm?doc_id=318877.
2. CRDF strongly encourages cash and in-kind cost-sharing by participating institutional performers in all its activities.
3. The value of all cost-sharing should be quantified on Budget (Form C) under "Total Cost-Sharing From Non-CRDF Sources," and described in the Budget Narrative of the proposal.
4. If cost-sharing funds listed on the Budget (Form C) are to be drawn from proposals currently pending with other funding sources, this should be indicated in the Budget Narrative.

REQUIREMENTS FOR PARTICIPATION OF FOR-PROFIT COMPANIES

1. Research collaborations involving for-profit companies are strongly encouraged to consult CRDF Industry Programs before applying to the Cooperative Grants Program. Industry Programs provide support for cooperative R&D projects that are explicitly designed to facilitate and expedite the commercial utilization of research results. Please consult the CRDF website at http://www.crdf.org/focus/focus_show.htm?doc_id=290099 or contact CRDF staff at nextsteps@crdf.org for more information.
2. Proposals that involve strictly R&D activities and include the participation of Eurasian or U.S. for-profit companies are eligible for the CGP, but the for-profit company must comply with the requirements listed below. For-profit companies can commit cash, material, or pledge in-kind contributions. Direct cash contributions must be administered by CRDF as part of the award to the Eurasian team. Guidelines for allowable in-kind contributions can be found at http://www.crdf.org/policies/policies_show.htm?doc_id=318877.
3. **U.S. For-Profit Companies are required to:**
 - a. Cover all of the U.S. Team expenses. No funds may be requested from CRDF.
 - b. Contribute a minimum of 10% of the total dollar amount requested by the Eurasian Team.
4. **Eurasian For-Profit Companies are required to:**
 - a. Contribute up to 5-10% of the total dollar amount requested by the Eurasian Team.
 - b. Eurasian For-Profit companies are not required to make contributions to the U.S. Team's expenses.
5. At the time of submission, for-profit companies are required to provide a letter of support to CRDF that includes:
 - a. The Signature of an authorized representative of the for-profit company
 - b. A detailed description of the company's contribution in U.S. Dollars

SPECIAL NOTE ON SALARIES INCLUDED AS COST-SHARING

Please note that under the CGP, the following salary items are not considered cost-sharing:

1. Salary for U.S. for-profit company representatives
2. Salary originating from a U.S. Government source

APPENDIX 4

BUDGET GUIDELINES

Please use these Budget Guidelines to fill out Form C (attached). For more details and background information, please see Section II.G: "Allowable Costs" in the Program Guidelines.

OVERALL

- No proposal requesting more than **\$70,000** will be considered by CRDF
- Support for the Eurasian team's expenses may account for **no less than 80%** of the total amount requested from CRDF.
- Support for the U.S. team's expenses may account for **no more than 20%** of the total amount requested from CRDF (except for U.S. for-profit company applicants, who may not request any U.S. team support from CRDF).

INDIVIDUAL FINANCIAL SUPPORT (IFS)

- No IFS is permitted for U.S. team members other than U.S. graduate students.
- The U.S. Principal Investigator may request up to \$10,000 (for the entire award period) to support a participating U.S. graduate student.
- Maximum monthly salary is \$700 for the Eurasian Principal Investigator, \$600 or less for other Eurasian team members.
- The Eurasian team IFS should be calculated using the level of effort and professional level guidelines provided in Section II.G.1.a. of this Program Announcement.

EQUIPMENT, SUPPLIES AND SERVICES

- All single items costing \$1,000 or more must be justified in the Budget Narrative.
- The U.S. team is limited to a maximum of \$10,000 for expendable materials and supplies.
- The U.S. team is not eligible to request support for large-scale equipment.

INSTITUTIONAL SUPPORT

- Institutional Support is not permitted for the U.S. institution.
- Eurasian Institutional Support is calculated as 10% of the total Eurasian team expenses.
- The total amount of Eurasian institutional support requested for the entire award period may not exceed \$7,000.

TRAVEL

- All Eurasian and U.S. personnel must travel on the lowest-cost applicable round-trip airfare.
- Travelers must comply with the provisions of the Fly America Act. For more information, please see http://www.crdf.org/policies/policies_show.htm?doc_id=291723
- Domestic travel expenses for field work and other necessary project-related travel within the Eurasian are allowed.
- Travel allowances for Eurasian personnel on research visits within the U.S. must follow the guidelines set forth at http://www.crdf.org/policies/policies_show.htm?doc_id=291725.
- Travel allowances for U.S. personnel on research visits to Eurasia must follow the guidelines set forth at http://www.crdf.org/policies/policies_show.htm?doc_id=291099.
- The maximum time abroad for any one CRDF-supported traveler is eight months over the course of an award. No single visit may exceed four months.

SECONDARY COLLABORATORS

- A separate budget justification must be included for each secondary collaborator in the Budget Narrative.
- Secondary collaborators from Eurasian countries other than the country of the Eurasian Principal Investigator must be indicated clearly in the Budget Narrative. Such secondary collaborators must be described in a half page summary of the Budget Narrative, describing the institution's technical capability, the budget allocations, and the contact name and information of the secondary collaborator's team leader.

U.S. FOR-PROFIT COMPANY CONTRIBUTIONS

- U.S. for-profit companies are required to cover all U.S. team expenses and should describe these expenses in U.S. Dollar amounts in the Budget and in the Budget Narrative.
- U.S. for-profit companies are required to contribute a cash, material or in-kind contribution of 10% of the total Eurasian team expenses. This contribution should be described in the Budget Narrative.

EURASIAN FOR-PROFIT COMPANY CONTRIBUTIONS

- The Eurasian for-profit company must contribute 5-10% of the total Eurasian expenses by committing a cash, material, or in-kind contribution and should indicate these expenses in U.S. Dollar amounts in the Budget and Budget Narrative.

FORM A: COVER SHEET

GENERAL PROJECT INFORMATION

| | | | |
|---|--|--|--|
| Total Amount Requested from CRDF | | Projected Length of Project (1-2 years) | |
| General Scientific Area (select from Appendix 1) | | Sub-discipline (select from Appendix 1) | |
| Brief descriptive title of proposal (not to exceed twenty-five words) | | | |
| Is this proposal submitted as a continuation of a previous award? | YES <input type="checkbox"/> NO <input type="checkbox"/> | If yes, state previous award number | |

INFORMATION ON THE EURASIAN PRINCIPAL INVESTIGATOR

| | | | |
|--|--|-----------------------|--|
| Full Name (Last, First, Patronymic) | | | |
| Position/Title | | | |
| Institution Name Complete Mailing Address | | | |
| Eurasian Principal Investigator E-mail | | Web Page Address | |
| Date of Birth (MM/DD/YY) | | Passport Number | |
| Sex (Male or Female) | | Highest Degree Earned | |
| Field of Degree | | Year Awarded | |
| Telephone # | | Fax # | |
| Name of Institution Director | | E-mail Address | |
| Have you received a grant under a previous CRDF program or been a participant in a CRDF-funded workshop? | | | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <i>If "Yes," please list program and grant number or workshop title.</i> | | | |
| Do you have experience in weapons-related subjects? | | | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| If "Yes," please provide the appropriate weapons code from Appendix 2 describing this individual's experience in the area to the right and provide a brief description of the weapons-related experience in the space below. | | | |
| | | | |
| Total Number of Eurasian-based investigators, including Eurasian Principal Investigator and graduate students | | | |

INFORMATION ON THE U.S. PRINCIPAL INVESTIGATOR

| | | | |
|--|--|-----------------------|--|
| Full Name (Last, First, Middle) | | | |
| Position/Title | | | |
| Institution Name Complete Mailing Address | | | |
| U.S. Principal Investigator E-mail | | Web Page Address | |
| (Must Check One) <input type="checkbox"/> Permanent Resident <input type="checkbox"/> U.S. Citizen | | | |
| Sex (Male or Female) | | Highest Degree Earned | |
| Field of Degree | | Year Awarded | |
| Telephone # | | Fax # | |
| U.S. Institutional Representative Name & Title | | E-mail Address | |
| U.S. Institutional Representative Address | | Phone | Fax |
| Have you received a grant under a previous CRDF program or been a participant in a CRDF-funded workshop? | | | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <i>If "Yes," please list program and grant number or workshop title.</i> | | | |
| Total Number of U.S. investigators, including U.S. Principal Investigator and graduate students | | | |

SIGNATURES *Required only for hardcopies submitted by applicants from Kazakhstan, Russian Federation, and Ukraine.*

| | | | |
|---|--|------|--|
| Eurasian Principal Investigator Signature | | Date | |
| Eurasian Institute Director Signature | | Date | |

Form B: Personnel Data

(For all members of the **Eurasian and U.S. team** other than the Principal Investigators. Please copy this page as necessary.)

IMPORTANT: U.S. personnel are not required to offer information regarding their Date of Birth.

| | | | | |
|--|---|--|--|---|
| Full Name (Last, First Patronymic/Middle) | | | | <input type="checkbox"/> Eurasian Participant |
| | | | | <input type="checkbox"/> U.S. Participant |
| Current Position Institution Name Complete Mailing Address | | | | |
| E-mail Address | | Fax Number | | |
| Highest Degree and Year Awarded | | Passport Number (Eurasian only) | | |
| Sex (Male or Female) | | Date of Birth (MM/DD/YY) Eurasian Participants Only | | |
| Classification on Project (please check one) | | | | |
| Researcher/Engineer <input type="checkbox"/> | Technical/Scientific Support <input type="checkbox"/> | Student <input type="checkbox"/> | Administrative/Clerical Support (Eurasian Only) <input type="checkbox"/> | |
| Have you received a grant under a previous CRDF program or been a participant in a CRDF-funded workshop? | | | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| If "Yes," please list program and grant number or workshop title. | | | | |
| Does the listed individual have experience in weapons-related subjects? | | | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| If "Yes," please provide the appropriate weapons code from Appendix 2 describing this individual's experience in the area to the right and provide a brief description of the weapons-related experience in the space below. | | | | |
| Short Curriculum Vitae (past employment experience, educational history, and relevant publications): | | | | |

| | | | | |
|--|---|--|--|---|
| Full Name (Last, First Patronymic/Middle) | | | | <input type="checkbox"/> Eurasian Participant |
| | | | | <input type="checkbox"/> U.S. Participant |
| Current Position Institution Name Complete Mailing Address | | | | |
| E-mail Address | | Fax Number | | |
| Highest Degree and Year Awarded | | Passport Number (Eurasian only) | | |
| Sex (Male or Female) | | Date of Birth (MM/DD/YY) Eurasian Participants Only | | |
| Classification on Project (please check one) | | | | |
| Researcher/Engineer <input type="checkbox"/> | Technical/Scientific Support <input type="checkbox"/> | Student <input type="checkbox"/> | Administrative/Clerical Support (Eurasian Only) <input type="checkbox"/> | |
| Have you received a grant under a previous CRDF program or been a participant in a CRDF-funded workshop? | | | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| If "Yes," please list program and grant number or workshop title. | | | | |
| Does the listed individual have experience in weapons-related subjects? | | | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| If "Yes," please provide the appropriate weapons code from Appendix 2 describing this individual's experience in the area to the right and provide a brief description of the weapons-related experience in the space below. | | | | |
| Short Curriculum Vitae (past employment experience, educational history, and relevant publications): | | | | |

FORM C: PROJECT BUDGET

Please refer to Section II.G., "Allowable Costs" in the Program Guidelines and Appendix 4 "Budget Guidelines."

| Individual Financial Support | | | | Expenses requested from CRDF | |
|--|------------|--------------------------|------------------|-------------------------------------|---|
| | | | | Eurasian Team | U.S. Team |
| Participant Name <i>(Please add rows if necessary)</i> | Daily Rate | Number of Days per Month | Number of Months | | <i>Note: Grad Student Stipends Only</i> |
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| TOTAL INDIVIDUAL FINANCIAL SUPPORT | | | | | |
| Equipment, Supplies and Services <i>(Please list. All items over \$1,000 must be justified in the Budget Narrative. Please add rows if necessary.)</i> | | | | | <i>Note: Expendable materials & supplies only</i> |
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| TOTAL EQUIPMENT, SUPPLIES AND SERVICES | | | | | |
| Travel <i>(Please describe in Budget Narrative.)</i> | | | | ----- | ----- |
| Domestic Transportation | | | | | |
| Domestic Per Diem | | | | | |
| International Transportation | | | | | |
| International Living Allowance/Per Diem | | | | | |
| Other Travel Expenses (e.g. visa fees, conference registration fees, etc.) | | | | | |
| TOTAL TRAVEL | | | | | |
| Secondary Collaborators <i>(Note: Secondary collaborating institutions are eligible for institutional support. Describe participation fully in the Budget Narrative.)</i> | | | | ----- | ----- |
| Secondary Collaborator: Individual Financial Support | | | | ----- | ----- |
| Name | Daily Rate | # Days per Month | # Months | ----- | ----- |
| | | | | | Not Applicable |
| | | | | | Not Applicable |
| Secondary Collaborator: Equipment, Supplies and Services <i>(Please list. All items over \$1,000 must be justified in the Budget Narrative. If more space is needed, please list on separate page.)</i> | | | | | |
| 1. | | | | | |
| 2. | | | | | |
| Secondary Collaborator: Travel <i>(Please describe in Budget Narrative.)</i> | | | | | |
| Secondary Collaborator: Institutional Support <i>(10% of all Secondary collaborator's expenses. Total not to exceed \$10,000)</i> | | | | | Not Applicable |
| TOTAL SECONDARY COLLABORATOR EXPENSES | | | | | |
| Other <i>(Please describe in Budget Narrative.)</i> | | | | | |
| SUBTOTAL | | | | | |
| INSTITUTIONAL SUPPORT (10% OF ALL EURASIAN TEAM EXPENSES. TOTAL NOT TO EXCEED \$10,000) | | | | | Not Applicable |
| TOTAL REQUESTED FROM CRDF (U.S. + Eurasian Expenses) | | | | | |
| TOTAL COST-SHARING FROM NON-CRDF SOURCES <i>(including for-profit contributions - please describe in Budget Narrative)</i> | | | | | |
| PROJECT COST SUBTOTAL | | | | | |
| TOTAL PROJECT COST (U.S. + EURASIAN EXPENSES) | | | | | |

FORM D: OTHER SOURCES OF SUPPORT OF KEY PERSONNEL
(For all members of the team. Please copy this page as necessary.)

“None” – Check here if no other sources of support are listed.

| | | | |
|-------------------------------|---|----------------------------|--|
| Investigator Name | | | |
| Support | <input type="checkbox"/> Current <input type="checkbox"/> Pending Submission Planned in Near Future | | |
| Project/Proposal Title | | | |
| Source of Support | | Level of Effort (%) | |
| Award Amount | | Period Covered | |
| Location of Research | | | |

| | | | |
|-------------------------------|---|----------------------------|--|
| Investigator Name | | | |
| Support | <input type="checkbox"/> Current <input type="checkbox"/> Pending Submission Planned in Near Future | | |
| Project/Proposal Title | | | |
| Source of Support | | Level of Effort (%) | |
| Award Amount | | Period Covered | |
| Location of Research | | | |

| | | | |
|-------------------------------|---|----------------------------|--|
| Investigator Name | | | |
| Support | <input type="checkbox"/> Current <input type="checkbox"/> Pending Submission Planned in Near Future | | |
| Project/Proposal Title | | | |
| Source of Support | | Level of Effort (%) | |
| Award Amount | | Period Covered | |
| Location of Research | | | |