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***CRDF Global and the Ural Branch of the Russian Academy of Sciences***

***Request for Proposals (RFP): 2014 Joint Basic Research Competition***  
***“New Materials, Sustainable Resource Management, Energy Efficiency, and Biodiversity”***

**Proposal Deadline: Monday, July 28, 2014 (23:59) U.S. Eastern Daylight Time (EDT)**

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## I. COMPETITION SNAPSHOT

<b>Eligible Applicant(s)</b>	Joint collaborations of U.S. researchers and Russian researchers from the Ural scientific centers and institutes listed in <a href="#">Appendix #1</a>
<b>Competition Opens</b>	Monday, May 19, 2014
<b>Submission Deadline</b>	Monday, July 28, 2014
<b>Announcement of Results</b>	November 2014 Principal Investigators should expect projects to start approximately 60-90 days after results are announced.
<b>Eligible Research Scope</b>	All projects must be basic research focused on: <ul style="list-style-type: none"><li>• New Materials (including Nanotechnology and Molecular Assembly);</li><li>• Sustainable Resource Management;</li><li>• Biodiversity;</li><li>• Energy Saving/Energy Efficient Technologies</li></ul>
<b>Project Duration</b>	Up to one year
<b>Award Amounts</b>	Each up to \$80, 300 USD for one year of support
<b>Complete Competition Announcement</b>	<a href="http://www.crdfglobal.org/grants-and-grantees/current-funding-opportunities">http://www.crdfglobal.org/grants-and-grantees/current-funding-opportunities</a> <a href="http://www.uran.ru">http://www.uran.ru</a>
<b>How to Apply</b>	<p>To <b>CRDF Global</b>: All proposals must be submitted through the Electronic Proposal Submission (EPS) website <a href="https://proposals.crdfglobal.org/2014URBRAS">https://proposals.crdfglobal.org/2014URBRAS</a> E-mail attachments and hard copies will not be accepted. For more information and instructions please refer to <a href="#">Section VI. A1</a></p> <p>To <b>UrB RAS</b>: one electronic version of the proposal by e-mail at <a href="mailto:fd@prm.uran.ru">fd@prm.uran.ru</a>, and one hard copy via regular mail to the address indicated in <a href="#">Section VI. A2</a></p>

## II. BACKGROUND

**CRDF Global** is an independent nonprofit organization that promotes international scientific and technical collaboration through grants, technical resources, training and services. CRDF Global's **Cooperative Grants Program (CGP)** enables cross-border collaboration and the strengthening of international research through the implementation of peer-reviewed research grant competitions. Research partnerships supported by the CGP open avenues for new research directions and foster new collaborative opportunities for U.S. and non-U.S. scientists. More information about CRDF Global and the Cooperative Grants Program can be found at <http://www.crdfglobal.org>.

**UrB RAS** is a regional branch of the Russian Academy of Sciences (independent nonprofit scientific organization, created as a State Academy of Sciences). UrB RAS is in charge of scientific supervision of 40 scientific organizations located in seven regions of the Russian Federation from European North to Southern Ural. The UrB RAS was founded in 1932 to promote social and economic development of the Ural region. More information about UrB RAS can be found at <http://www.uran.ru>.

## III. SCOPE

**CRDF Global** and the **Ural Branch of the Russian Academy of** (hereinafter – UrB RAS) are accepting proposals from joint U.S. and Russian teams for the 2014 CRDF Global-UrB RAS Joint Basic Research Competition. This competition is co-sponsored by CRDF Global and UrB RAS with funding provided by the U.S. Department of State, U.S. National Science Foundation (NSF), and UrB RAS.

**The primary goals of the competition are to:**

- Support high-quality, innovative international research by teams of U.S. and Russian researchers in the disciplines specified in this announcement;
- Encourage diversity in the international science community; and
- Establish sustainable joint U.S. - Russia research collaborations.

In support of those goals, CRDF Global selects competition topics through mutual agreement with UrB RAS and in consideration of national research priorities of the U.S. and the Russian Federation. For the 2014 Joint Basic Research Competition, proposals in the following areas of non-commercial research will be accepted:

- Scientific Basis for Creating New Materials including Nanotechnologies and Technologies of Molecular Assembling;
- Sustainable Natural Resource Management;
- Biodiversity;
- Energy Saving/Energy Efficient Technologies.

All projects must be basic research in one or more of the following: Physics; Chemistry; Earth/Geological Sciences; Biology; Engineering. Multi-disciplinary research projects are particularly encouraged.

Proposals submitted to this competition should ensure that their research area matches one or more allowable topics. The strongest proposals will include all of the following (which may be addressed in sections other than the project narrative):

- Clear statement of the problem and its economic, social, and/or environmental implications for the international community
- Research plan and project narrative that describe how the proposed research will contribute to the solution or further understanding of the problem
- Brief discussion of existing scientific literature on the issue and how the proposed research differs from current activities
- Monitoring and evaluation schedule that outlines how the project will be assessed and potential measurable outcomes. How will the research team track progress towards the stated outcomes and evaluate the overall impact of the project?
- Combined competences of the Russian and U.S. research teams, including how they will coordinate individuals aspects of the proposed research project
- Inclusion of female researchers, early career scientists, and students who will make valuable contributions to the project while furthering their own professional development
- Evidence that the activities in the grant will contribute towards sustaining existing or creating new collaborative relationships between Russian, U.S. and other international researchers. For example, Russian and U.S. team members may visit each other's laboratory or research sites to exchange ideas, conduct joint research experiments, and/or provide training on cutting edge techniques. Applicants should include a brief discussion on how these activities may facilitate new or strengthen existing collaborations, especially where young researchers or students may be involved

Grant awards, each up to \$80,300 USD, will be made to joint research teams of U.S. and Russian scientists. Grants will be made over one year with the possibility of a no-cost extension.

#### **Duration and start date of the project:**

- Upon announcement of award selection, **finalists may not begin any project activities or incur any project expenses associated with the CRDF Global portion of the award** until a grant agreement has been signed by CRDF Global. This process can take 60-90 days from the time of award announcement and should be taken into consideration when preparing the proposal timeline
- **The duration of the project** shall be (number) months from the date a grant agreement enters into force (is signed with CRDF Global)
- **The start date of the project** shall be the date a grant agreement enters into force (is signed with CRDF Global)
- **Research timeline** is recommended to prepare in terms of quarters (e.g. Quarter 1, Quarter 2, etc.)

#### **IV. ELIGIBILITY**

All proposals must meet **each** of the following eligibility criteria:

- Proposals must include **one Russian Principal Investigator (PI)** and **one U.S. PI**, each 1) possessing the degree of Ph.D., M.D., or the equivalent research experience, and 2) having at least five scientific publications in peer-reviewed scientific literature.<sup>1</sup> These PIs will share overall responsibility for the project in their respective countries, coordinating all project participants and institutions.
- **The Russian PI and participants of the Russian team** 1) must be **citizens and permanent residents** of the Russian Federation; 2) must **reside in the Russian Federation** for the majority of the grant period; 3) must be currently **employed at one of the Ural scientific centers and institutes listed in [Appendix 1](#)** to this RFP; and 4) must work full-time in civilian research.
- Russian teams must include participation by **at least one student and / or postdoctoral researcher or early career scientist, who will receive educational and professional development opportunities through substantive work on this project.** A mentoring plan for the student(s) /researchers should be included as part of the proposal submitted to CRDF Global and UrB RAS – please see [Section VI. D5](#) below for further information.
- **The U.S. PI and participants on the U.S. team** 1) must be legally employed by a U.S. institution and 2) must reside in the U.S. during the course of the CRDF Global project. Graduate students on the U.S. team may be foreign nationals, but they must be enrolled full-time in an accredited degree program at the U.S. institution.
- **All projects** must be oriented toward non-military objectives and must be carried out in a civilian research environment.

Each proposal is evaluated independently and therefore should not be part of, nor depend on the success of, other proposals submitted to this program.

## **Renewed Funding and Multi-Project Applications**

CRDF Global accepts new proposals that are submitted as a continuation of previous and current awards<sup>2</sup>, as long as the previous/current CRDF Global award is within six months of completion as of the submission deadline. Applicants must also be up-to-date on the submission of all progress reports, including final project reports. All status reports from previous or existing awards will be available to expert reviewers. Proposals that are continuations of previous awards must be submitted according to the “Proposal Elements” as directed in [Section VI. D](#) of this RFP. Applications should include a summary of achievements from the previous or existing awards in the project narrative. This information related to this grant should also be provided in Form F of your proposal.

Principal Investigators and key team members may also apply to CRDF Global for more than one project in the same competition; however, PIs are not eligible to receive funding more than twice: i.e. once as a PI, once as a participant **OR** twice as a participant.

**CRDF Global reserves the right to restrict the participation of any individual or institution in its programs.** CRDF Global 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 Global not to conduct any transactions with U.S. restricted entities without appropriate authorization from the U.S. Government.

## **V. REVIEW OF PROPOSALS**

### **A. Review Process**

All proposals and information contained therein will remain confidential prior to the award and will be screened for eligibility and completeness upon receipt by CRDF Global. All eligible proposals will be subjected to a technical review process.

Two separate concurrent review processes will be conducted using both U.S. and Russian scientific experts in the appropriate fields. The experts will use the criteria described below to evaluate the scientific merit of each proposal, and make funding recommendations. A joint decision on the selection of finalists will be made

<sup>1</sup> If the applicant has received his or her academic degree in the past six (6) years, three (3) publications are required.

<sup>2</sup> “CRDF Global Awards” does NOT include funding received through CRDF Solutions.

by UrB RAS and CRDF Global based on the proposal overall rating, and these funding recommendations. All decisions are final. All awards are subject to the availability of funding from UrB RAS and U.S. Government agencies sponsoring this competition. CRDF Global will announce awards via e-mail.

## B. Evaluation Criteria

### Primary Criteria:

- **Technical Merit.** Whether the project proposes innovative methods and how well the individual elements of the research plan fit with the overall project goals.
- **Research Plan.** The technical soundness of the proposed work, practicality of the project's management plan, and adequacy of the resources available, both technical and financial.
- **Research Impact.** The probability that the project will result in new knowledge or have impact on one or more research fields, and the potential that the project processes or results will serve as the basis for new or improved technology. Have the investigators included a schedule for monitoring and evaluation? Are proposed outcomes reasonable and measurable in the context of the project plan?
- **Personnel Capacity and Collaborative Benefits.** The expertise of the investigators and other participants, including the strengths and weaknesses of each partner, as well as the balance of the collaboration and distribution of partnership benefits.
- **Benefit to Education and Infrastructure:** Appraisal of the project's provision of opportunities for personnel (participation of early-career and/or female scientists), the sharing of equipment and resources among all institutions involved, and the project's long-term positive impact on social, economic, or environmental issues in the countries involved.

**Secondary Criteria:** The primary factor that will determine a proposal's fundability is scientific merit followed by the other criteria laid out above. However, in cases where two or more proposals are deemed to be of equal scientific merit, special consideration will be given to:

- Projects that incorporate one or more Early-Career Scientists<sup>3</sup>, students, or female researchers in either or both teams.
- Projects that include travel by members of both teams.
- Principal Investigators who have not previously received funding from CRDF Global.

**For the CRDF Global review process**, applicants may provide a List of Suggested Reviewers/Reviewers not to Include. For more information and instructions please refer to [Section VI. D.](#)

## VI. PROPOSAL PREPARATION AND SUBMISSION

Only proposals submitted according to the instructions **and** which follow the formatting **and** include all of the required elements listed below will be reviewed

### A. Proposal Submission

#### 1. CRDF Global Proposal Submission Requirements

All proposals must be submitted electronically through CRDF Global's Electronic Proposal Submission (EPS) site, no later than **Monday, July 28, 2014 (23:59) U.S. Eastern Daylight Time (EDT)**

<https://proposals.crdfglobal.org/2014URBRAS>

**Note:** Submission through this website **does not** require previous registration.

The Russian and U.S. PIs should jointly develop the proposal and obtain the concurrence of the Russian Institute Director and U.S. Institutional Representative. Once the proposal has been

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<sup>3</sup> An "Early Career Scientist" is defined as a scientist/researcher who has completed his/her Ph.D. (or equivalent) within the last five (5) years from the competition deadline.

finalized, they should select one PI to submit the proposal electronically through the CRDF Global website. **Proposals should be submitted only one time and by only one PI on the project.**

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

Proposal application materials submitted to CRDF Global must be prepared **in English** and compiled in the following separate document files for submission to the EPS. Acceptable file formats are MS Word (.doc) or Adobe Acrobat (.pdf).

**Required:**

1. Completed proposal document (all applicable elements under Proposal Elements)
2. Russian & U.S. PI and Personnel Curricula Vitae (CV) documents

**As Applicable:**

1. Cost-sharing and Participation of For-Profit Companies, Letter of Commitment.
2. Supporting documents for Proposals Involving Human and/or Animal Subject Research.

For questions about the Electronic Proposal Submission (EPS) process, please contact:  
[yundinam@crdf.ru](mailto:yundinam@crdf.ru).

## **2. UrB RAS Proposal Submission Requirements**

In addition to submitting an electronic version of the proposal in English to the CRDF Global website, applicants must submit **in Russian**:

- **One electronic version** of the proposal to the UrB RAS by e-mail at [fd@prm.uran.ru](mailto:fd@prm.uran.ru); and
- **One hard copy** of the proposal to the Department of Foreign Relations (DFR) via regular mail at:

Department of Foreign Relations (DFR)  
91 Pervomaiskaya Street, room 511  
Ekaterinburg, Russia 620990

Proposal copies may also be delivered directly to the DFR, postmarked by the online submission deadline. Proposal envelope should be labeled with the title of the competition division, the full name of the PI and the proposal title. Applicants will receive notification from DFR. If the notification is not received, the applicant should contact the UrB Competition commission at [fd@prm.uran.ru](mailto:fd@prm.uran.ru).

## **B. CRDF Global Policies and Applicant Resources**

**Before Writing a Proposal applicants should review all documents on the [Applicant Resources page](#).**

### **CRDF Global Policies and Procedures:**

**Anti-Plagiarism:** CRDF Global will not provide funding to an application in which plagiarism exists. All applications for funding submitted to CRDF Global will be thoroughly screened for plagiarism against a large number of sources including published research papers, books, conference abstracts, and websites. When plagiarism is detected, the program within CRDF Global that is overseeing the funding opportunity will determine the specific action to be taken. Action taken may include, but is not limited to a) informing the applicant that plagiarism has been discovered; b) excluding the applicant from the funding opportunity; c) informing the applicant's institution; d) informing reviewers; e) informing organizations collaborating with CRDF Global on the funding opportunity; f) barring the applicant from participation in future funding opportunities.

**Confidentiality of Proposals and Applicant Information:** CRDF Global and its counterpart agencies assure confidentiality of all proposals' 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 public information. 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. See the respective Request for Proposals (RFP) for details on identifying this information within the proposal. Such passages will be withheld from public distribution if the proposal is successful.

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

**[Resources for CGP Competition Applicants](#)** (includes sample forms and suggestions on how to avoid common mistakes in proposal preparation. Click to view the documents.)

- [CGP Grant Writing Tips](#)
- [CGP Application Frequently Asked Questions \(FAQ\)](#)
- [CRDF Global Research Areas](#)
- [CGP Forms A-G and Templates](#)

### **C. Proposal Formatting**

- |  |   |
|--|---|
| <input type="checkbox"/> Typed         | <input type="checkbox"/> One-inch margins on ALL sides  |
| <input type="checkbox"/> Single-spaced | <input type="checkbox"/> Font size of no less than Arial 10pt (Times New Roman 10pt font is <b>not</b> acceptable)* |

*\*A font size of less than 10 points may be used for mathematical formulas or equations, figure, table or diagram captions and when using a Symbol font to insert Greek letters or special characters. Pls are cautioned, however, that the text must still be readable.*

### **D. Proposal Elements (required unless otherwise noted)**

Detailed information for all necessary elements of a proposal is listed below. Appendices may not be included unless a deviation has been authorized by the CRDF Global Program Manager. Any proposal submitted without ALL required information, including signatures and forms, may be immediately disqualified and removed from the competition. CRDF Global encourages all applicants to carefully review their proposals prior to submission through the EPS to ensure accuracy and completeness. Decisions by CRDF Global are final and cannot be appealed.

Applicants are required to follow instructions and use the electronic forms and templates downloadable as a Word Document here: [CGP Forms A-G and Templates](#)

**The following sections should be compiled into one Proposal document, numbered consecutively and submitted in one MS Word (.doc) or PDF document:**

#### **1. Cover Sheet (Form A)**

- Project title and basic information about the project
- Information about the Russian and U.S. PIs
- Information about the Russian Institute Director and U.S. Institutional Representative (individual who would be responsible for negotiating contractual and financial terms in the case of an award.)

This information must also be entered during the electronic proposal submission process.

**Note:** CRDF Global requires that Form A be signed by **both** the Russian PI and Russian Institute Director. Please include a scanned copy of the signed Form A.

#### **2. Project 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**



Ten pages maximum, including any graphs, diagrams, and photos. PIs are cautioned that the Project Narrative must be self-contained, and that URLs providing information related to the proposal should not be used.

CRDF Global expects strict adherence to the rules of proper scholarship and attribution. The responsibility for proper scholarship and attribution rests with the authors of a proposal; all parts of the proposal should be prepared with equal care for this concern. **All contributing authors, including any PIs and team participants, should be named and acknowledged at the bottom of the Project Narrative section.**

EXAMPLE:

Contributing Authors: NAME (Russian PI), NAME (U.S. team-researcher)

- The following should be described in the Project Narrative:
- The approach, objectives, milestones, and measurements of success that will be used;
- A clearly defined project timeline, noting all project tasks and goals to be accomplished on a quarterly basis. It is recommended that applicants prepare a research timeline in terms of quarters (e.g. Quarter 1, Quarter 2, etc.) Applicants should also include a brief monitoring and evaluation plan, as described in [Section III](#);
- How the individual and combined competencies of the Russian and U.S. research teams will enable the project to be carried out, and what relevant prior work has been carried out by members of the team. Prior CRDF Global awards must also be described;
- The anticipated results of the project and how they address the CRDF Global evaluation criteria listed in [Section VB](#);
- How the project compares to current research conducted in the topic area;
- Facilities, equipment, and other resources available at the U.S. and Russian institutes directly applicable to the project including those from secondary collaborators. This should address the adequacy of the resources available to perform the effort proposed. The description should be written narratively and not include any financial information;
- Requested equipment to be utilized in the project, with special focus on justifying any equipment requested from CRDF Global; and
- How the Russian and U.S. PIs will coordinate project implementation and assess progress at regular intervals. Each project must involve significant and substantive cooperation between the Russian and U.S. teams. All proposed international travel to be funded under the project must be described in terms of its purpose and duration.
- If applicable, project narratives should include a summary of achievements from related previous CRDF Global awards. Information related to this grant should also be provided in Form F of the proposal.
- Patentable ideas, trade secrets, privileged or confidential commercial or financial information, disclosure of which may harm the proposer, should be included in the proposals only when such information is necessary to convey an understanding of the proposed project. Such information must be clearly marked in the proposal and appropriately labeled as:

*"The following is (proprietary or confidential) information that (name of proposing organization) requests not be released to persons outside of CRDF Global, except for purposes of review and evaluation."*

#### **4. References Cited**

Reference information for the Project Narrative is required. Each reference must include the names of all authors (in the same sequence in which they appear in the publication), the article and journal



title, book title, volume number, page numbers, and year of publication. Identify the website address if the document is available electronically. While there is no page limitation for the References Cited, this section must only include bibliographic citations and not be used to provide parenthetical information outside of the Project Narrative.

#### **5. Student/Postdoctoral Researcher Mentoring Plan**

Each proposal must include a description of the mentoring activities provided for **students, postdoctoral researchers and/or early career scientists**. In no more than one page, describe the mentoring plan for all students and postdoctoral researchers / early career scientist from the Russian and U.S. teams including any from Secondary Collaborations. The Mentoring Plan may not be used to circumvent the Project Narrative page limitation.

#### **6. Russian and U.S. Personnel Data (Form B)**

A Form B must be completed for each additional participant on the Russian and U.S. team, including researchers/engineers, technical/scientific support staff, graduate and undergraduate students, administrative/clerical support staff (Russian team only), and secondary collaborators.

**Note:**

- Form B is for additional team personnel only; the Russian and U.S. PIs do not need to complete Form B with their own information
- Form B should not exceed **one page per team participant**
- For planned graduate students not yet identified, complete a Form B as “Planned Graduate Student” indicating, at a minimum, the anticipated institution and level of education

#### **7. Project Budget**

**Project Budget (Form C1 for the Russian team, and Form C3 for the U.S. team.)** A complete budget must be submitted using the Form C templates. Applicants should submit one budget for the entire award period. Applicants should refer to “Allowed Costs” in for information to be listed in the budget.

**Budget Narrative (Form C2 for the Russian team, and Form C4 for the U.S. team.)** A narrative explaining all budget items in detail must be included in the proposal following the Budget (Forms C1 and C3). Applicants should specifically: 1) Itemize all equipment, supplies and services with per unit costs; 2) Justify in detail, requested equipment items with a value over \$1,000; 3) Describe all travel costs, including which team participants are traveling and the purpose for travel; 4) Calculate and list per diem rates, lodging costs, estimated airfare and other travel expense.

#### **8. U.S. Milestone Plan (Form D)**

The U.S. team must complete a Milestone Plan, describing specific milestones to be accomplished by U.S. researchers during project implementation. Please see the application form for instructions on filling out the Milestone Plan and a sample form.

#### **9. Statement of Other Support (Form E)**

Both PIs must complete **Form E**, 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 (Form C). 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 this proposal has also been submitted to another organization, please indicate this information clearly on the form. **Should a PI have no other sources of support, check the box marked “None” at the top of Form E, and include this page with the proposal.**

#### **10. Previous CRDF Global Awards (Form F) – if applicable**

Both PIs must complete **Form F** for **each** previously held CRDF Global award, if it is **directly** related to the research objectives outlined in the current proposal. Individual forms should not exceed one page.

#### **11. List of Suggested Reviewers or Reviewers Not to Include (Form G) - optional**

If applicants would like to suggest experts they believe to be well qualified to review their proposal or designate persons not preferred to review, these suggestions should be indicated on Form G. Persons not preferred to review the proposal may also be identified with justification of why.

**Note:**

- This form will only be used for CRDF Global's review process – please limit suggestions to only U.S. experts
- No more than 10 suggestions are permitted for each list
- No suggested reviewers that have a conflict of interest with the proposal will be considered
- Identities of reviewers will not be disclosed nor will the decision to use these suggestions
- These suggestions are optional, and the decision on whether or not to use the suggestions remains with CRDF Global

**12. U.S. PI Partnership Statement**

The U.S. PI must provide a signed statement on organizational letterhead certifying his or her agreement to the collaboration. A scanned copy of this agreement must be included in the proposal when it is submitted to CRDF Global. Applicants should use the example of a Partnership Statement at [CGP Forms A-G and Templates](#).

**13. Plagiarism Policy and Standards Agreement**

CRDF Global requires that Plagiarism Policy and Standards Agreement be signed by **both** the Russian PI and U.S. PIs. Please include a scanned copy of the signed Agreement.

**The following documents should be prepared and uploaded separately from the main proposal file:**

**Russian & U.S. Team Member Curricula Vitae (CV) in one file**

Applicants must provide copies of all team members' CVs in a file separate from the main proposal file. Each CV should include the individual's name, title, educational background, current and previous institutional affiliations with dates, area of expertise, and his or her scientific publications of relevance to the project. For PI CVs, each PI must list at least five publications of relevance (if the PI has received his or her Ph.D. in the past six years, three publications are required). \*Please ensure you have provided a full CV for each team member listed on a Form B in the main proposal file.

**Special Documentation:**

Additional proposal documentation and special certifications may be required for proposals that contain any of the following elements:

1. Cost-sharing and Participation of For-Profit Companies, Letter of Commitment.
2. Supporting documents for Proposals Involving Human and/or Animal Subject Research (may include a Protocol Summary Form, Institutional Review Board or Ethics Committee approval, Consent/Assent Forms, and/or Certifications of Education). **Supporting documents are not required at the time of proposal submission, but are encouraged.**

**If your proposal does not include any of these items, you are not required to submit the above documentation.**

**VII. ALLOWABLE COSTS**

The maximum total grant is up to **\$80,300 U.S. Dollars (USD)**. CRDF Global and UrB RAS will support Russian and U.S. team expenses as follows:

Allowed Allocations of Funding Requests	
Russian Team Maximum Total: \$30,300 USD	U.S. Team Maximum Total: \$50,000 USD

CRDF Global: Up to \$16,000 USD	CRDF Global: Up to \$50,000 USD
UrB RAS: Up to 500,000 Rubles <sup>4</sup>	

\*In case of an award, budgets requesting CRDF Global funding may be subject to revision. These funds will be allocated separately and administered directly to the individuals and institutions involved.

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

#### A. Russian Team Expenses

**Total grant support for the Russian team's expenses must not exceed \$30,300 USD.**

1. Funds received from UrB RAS: 1) may only be used for the Russian team's expenses, and 2) no Russian taxes may be included in any budget proposal submitted to CRDF Global.
2. Russian for-profit companies may request the full amount of funding (UrB RAS and CRDF Global contributions), but must additionally provide a cash, material or in-kind contribution equal to 5-10% of the total Russian team's expenses. CRDF Global will accept in-kind contributions such as equipment usage costs, personnel salary compensation, travel support, institutional or overhead support, and other allowable expenses. For additional information please refer to [Cost Sharing and Participation of For-Profit Companies](#).
3. For awarded teams, CRDF Global and UrB RAS will distribute support separately to the Russian team. Allowable expenses include Individual Financial Support (IFS); Equipment, Supplies, and Services (ESS); Travel; and Institutional Support (IS). For a complete description of these costs, including authorized rates and allowances, please see our policies here: [CGP Allowable Costs Guidelines](#).

#### B. U.S. Team Expenses

**Total grant support for the U.S. team's expenses must not exceed \$50,000 USD.**

4. CRDF Global will support expenses for U.S. teams from universities, non-profits, and U.S. government institutions with the exception of large-scale equipment purchases.
  5. Funding may be requested for the following expenses for the U.S. team:
    - a) Salary, including tuition remission and graduate student stipends
    - b) Equipment, Supplies and Services
    - c) Travel
    - d) Indirect/Administrative Costs (**Note:** CRDF Global encourages researchers to give funding allocation preference to direct costs and to limit their administrative/indirect costs to 10-20% of the grant)
- **\*Note: Requirements for Russian team budgets are different than requirements for U.S. team budgets. Please refer to [CGP Allowable Costs Guidelines](#) in preparing each budget.**

#### VIII. CRDF GLOBAL EXPECTATIONS OF GRANTEES

Grantees from this competition will be expected to:

- Publish research results directly related to the awarded project in a minimum of one (1) international peer-reviewed publication before the submission of the project's final report.
- Maintain and submit to CRDF Global timesheets for researchers receiving IFS on the project
- Submit two (2) semi-annual progress reports and one (1) final project report.

Additionally, CRDF Global encourages grantees to participate and present their research at international research forums when possible. It is permissible to budget for these activities in your application.

<sup>4</sup> As of May 19, 2014 approximately equivalent to \$14,300 USD.

## IX. ADDITIONAL INFORMATION AND SUPPORT

**Program Support Information:** for further information about this program, please contact a Program Manager at [researchpartnerships@crdfglobal.org](mailto:researchpartnerships@crdfglobal.org) and / or our points of contact in the U.S. and Russia.

**Inquiries by e-mail are strongly encouraged and will result in prompt response.**

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United States	Moscow Office	Ekaterinburg
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## **Appendix 1**

### **List of Russian Eligible Scientific Centers and Institutes**

- 1) N.N. Krasovskii Institute of Mathematics and Mechanics UrB RAS
- 2) Institute of Metal Physics UrB RAS
- 3) Institute of Electrophysics UrB RAS
- 4) Institute of Thermal Physics UrB RAS
- 5) Institute of Engineering Science UrB RAS
- 6) Institute of Industrial Ecology UrB RAS
- 7) Institute of Metallurgy UrB RAS
- 8) I.Y. Postovsky Institute of Organic Synthesis UrB RAS
- 9) Institute of Solid State Chemistry UrB RAS
- 10) Institute of High-Temperature Electrochemistry UB RAS
- 11) Institute of Plant and Animal Ecology UrB RAS
- 12) Botanic Garden UrB RAS
- 13) Institute of Immunology and Physiology UrB RAS
- 14) A.N. Zavaritzky Institute of Geology and Geochemistry UrB RAS
- 15) Y.P. Bulashevich Institute of Geophysics UrB RAS
- 16) Institute of Mining UrB RAS
- 17) Institute of History and Archeology UrB RAS
- 18) Institute of Philosophy and Law UrB RAS
- 19) Institute of Economics UrB RAS
- 20) Central Scientific Library UrB RAS
- 21) Science and Engineering Center «Reliability and Resource of Large Systems and Machines» UrB RAS
- 22) Komi Science Center UrB RAS (Syktyvkar)
- 23) Institute of Biology Komi SC UrB RAS
- 24) Institute of Geology Komi SC UrB RAS
- 25) Institute of Physiology Komi SC UrB RAS
- 26) Institute of Chemistry Komi SC UrB RAS
- 27) Institute of Socio-Economic and Energy Problems of the North Komi SC UrB RAS
- 28) Institute of Language, Literature and History Komi SC UrB RAS
- 29) Perm Science Center UrB RAS
- 30) Institute of Technical Chemistry UrB RAS
- 31) Institute of Continuous Media Mechanics UrB RAS
- 32) Institute of Ecology and Genetics of Microorganisms UrB RAS
- 33) Mining Institute UrB RAS
- 34) Udmurt Science Center UrB RAS (Izhevsk)
- 35) Physical-Technical Institute UrB RAS
- 36) Institute of Mechanics UrB RAS
- 37) Udmurt Institute of History, Language and Literature UrB RAS
- 38) Chelyabinsk Science Center UrB RAS
- 39) Institute of Mineralogy (Miass) UrB RAS
- 40) V.I. Lenin Ilmen State Reserve UrB RAS
- 41) Orenburg Science Center UrB RAS
- 42) Institute of Cellular and Intracellular Symbiosis UrB RAS
- 43) Institute of Steppe UrB RAS
- 44) Arkhangelsk Science Center UrB RAS
- 45) Institute of Environmental Problems of the North UrB RAS
- 46) Institute of Environment Physiology UrB RAS
- 47) Tobolsk Complex Scientific Station UrB RAS