**Bolstering National Research Centers in Brazil to Catalyze Norms that Prevent the Transfer of Biological, Chemical, and Nuclear-Applicable Technologies**

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| Competition Opens: | August 29, 2022 |
| Application Deadline: | November 30, 2022 |
| Eligibility: | Nationals of Brazil who are affiliated with an accredited academic institution or professional scientific/research-oriented association |
| How to Apply: | By email to [techtrainings@crdfglobal.org](mailto:techtrainings@crdfglobal.org) |
| General Area: | Security Studies |
| Award Amounts: | USD 10,000.00 |
| Award Duration: | Eight months |
| Announcement and Application: | On CRDF Global’s website: <https://www.crdfglobal.org/funding-opportunities/bolstering-national-research-centers-southeast-asia-and-brazil-catalyze-norms> |

**Overview:**

* CRDF will award grants to researchers in Brazil, individuals or teams, that are affiliated with an accredited academic institution or professional scientific and/or research association to support the responsible conduct of research, particularly in the fields of biotechnology, genetic/genomic data, artificial intelligence, and semiconductors/quantum computing. Topics will be chosen by the grantees and examples are listed below.
* Grants are a one-time, eight-month award of up to $10,000.
* Grantees will be expected to publish a research paper and present their research findings to an audience either through the support of an online site for posting research findings, attending key national and international conferences to further disseminate their work, or the use of a “launch party” intended to share the research information with a broad audience.

**Research Scope:**

Research security requires building public awareness within those scientific communities most targeted by nefarious actors for their scientific and technological expertise, knowledge, methodologies, and even nascent-stage research. This effort seeks to advance international norms and best practices of free, fair, and transparent scientific exchange while increasing the awareness of dual-use research concerns for scientists from a broad array of disciplines, such as biology, biotechnology, artificial intelligence, and advanced computing. To facilitate this, CRDF Global will pair grant recipients with international experts on research security who will guide grant recipients through their research projects.

CRDF Global seeks applications for grants to fund innovative research that examines and proposes policy-oriented solutions to risks and challenges associated with promoting research integrity best practices around sensitive technologies and data proliferation in Brazil. Possible topics include:

* Risk assessments to identify and categorize dual-use research and technologies, mechanisms of technology transfer, and a mitigation plan to prevent the transfer of these technologies in Brazil.
* Strategies, plans, procedures, and administrative controls to protect against theft, forced transfer, or predatory acquisition of critical information or technologies.
* Strategies, plans, or mechanisms to enhance research security best-practices, information and knowledge security best-practices, data governance, and/or identifying and securing dual-use applicable research.
* International best-practices on responsible science and research ethics, science integrity, information security and data governance, and results from plans or programs to apply these to home institutions (e.g., training, guidance documents, standard operating procedures).

**Eligibility**

* Applicants may apply individually or as a team.
* Members of a research team must be nationals of Brazil who are affiliated with an academic institution or professional association of scientists and researchers
* Institutional and/or managerial approval is required for applications to be considered for this competition

**Application Materials:**

* A completed application form with all application sections filled out and supporting documents, including:
  + A proposed detailed budget
    - Please note, the Primary tab should be used for all project-related expenses to be covered under the grant. The “Cost-Share” tab should be used for expenses that will be covered by the institution as their contribution to the project.
  + The curriculum vitae (CV) and passport or state-issued ID card, for each individual on the research team
* Application materials and research products must be submitted in English

**Proposal Evaluation Criteria**

A panel of CRDF Global’s review board will evaluate applications based on the following criteria:

1. Relevance and impact on the Request for Application (RFA) objectives, goals, and priorities:

* How will you be able to support the program goal if you are selected?
* Does the proposed project address a pressing policy concern?
* Does your institution currently conduct research on preventing the transfer of emerging technologies with dual-use applications?
* Is your current institution able to promote the dissemination of their research if provided with the needed funding?
* What is your institution’s long-term strategy for building public awareness of potential transfer of dual-use technology and steps that the scientific community can take to prevent said-transfer?

1. Clarity and Completeness of the Application - Clarity, accuracy, and detail of project proposal:

* Is the project clearly outlined and possible to successfully accomplish?
* Does the application accurately answer questions and provide the information requested?
* Does the project address the program goals and priorities?

1. Past Performance:

* Record of accomplishment of high-quality research on matters relating to responsible science & research ethics, science integrity, information security, data governance, responsible technology, institutional compliance, dual-use knowledge and technology, and intangible technology transfer?
* Previous performance developing policy-oriented solutions to risks and challenges associated with the transfer of emerging technologies.
* Have you previously obtained research grants which you were able to implement in your country?
* If applicable, please provide a brief description of your experience protecting research connected to emerging technologies.
* Current research capacities, including, but not limited to, experts, available data, and other relevant resources.

1. Budget Relevance & Competitiveness:

* Is the provided-budget realistic, clear, and justifiable for the project?
* Is your institution providing funds for the project? If so, is it documented in the LOS? Please provide cost justifications when possible.

1. Sustainability Potential and Commitment:

* Does your organization demonstrate commitment to the project by offering any complimentary financial, logistical, and/or personnel support?
* How will you contribute to the project and support research outcome dissemination after the grant ending period?
* What tools or resources will you use to disseminate the outcome of the research?

**Additional Information**

* For detailed information regarding general CRDF Global grant policies please visit: https://www.crdfglobal.org/sites/default/files/CRDF\_Global\_Competitions\_FAQ\_0.pdf
* For additional questions regarding the grant competition please email knakamura@crdfglobal.org