



Call for Applications

DIL Explore (Spring 2014)

Release Date: February 1, 2014

Deadline: March 20, 2014 at 11:59 pm Pacific Time

The [Development Impact Lab](#) (DIL) invites its affiliates to apply for small grants (up to US \$5,000) to support:

- **Early-stage, exploratory research** that combines technology innovation with social and economic research to solve international development challenges (i.e., the emerging field of [development engineering](#)); and/or
- **International travel to developing countries** that supports *development engineering* projects through research, fact-finding or new partnerships.

Applicant Eligibility: This funding opportunity can be used to support graduate students, postdocs, and other researchers working with Principal Investigators (PIs) at DIL-affiliated centers and institutions¹. The latter includes, but is not limited to, the majority of faculty affiliated with the University of California, Berkeley.

Geographic Focus Eligibility: Projects must focus on issues relevant to one or more eligible developing countries. Below is a list of eligible countries where DIL or its partner organizations have previously supported projects. *Additional focus regions that are not included in this list may in many cases also be allowable*, but please contact dil-grants@berkeley.edu to confirm eligibility as soon as possible and before submitting an application for an unlisted country.

Afghanistan	Ethiopia	Kenya	Rwanda
Armenia	Georgia	Mozambique	South Africa
Bangladesh	Ghana	Nepal	Tanzania
Brazil	Haiti	Pakistan	Thailand
Cameroon	India	Panama	Uganda
Colombia	Indonesia	Peru	Vietnam
Egypt	Jordan	Philippines	Yemen

In this call for applications, we expect to fund approximately 5 awards. Travel must be completed by January 30, 2015. Another round of grants will be offered in Fall 2014. If you have questions regarding your eligibility to participate, please email dil-grants@berkeley.edu.

Applications are due at 11:59 pm Pacific Time on March 20, 2014
Applicants will be notified by April 30, 2014

Application: Please use the brief application form at the end of this document. Applications to the DIL Explore program require a 500-word project proposal and a budget for travel (or other eligible expenses). Applications should be uploaded to DIL's online submission system at tinyurl.com/exploreDIL2014.

Note: Do NOT submit this form through the UC Berkeley Sponsored Projects Office (SPO) or the office of sponsored research at your home institution.



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Background: DIL is a USAID-funded research network fostering the design, rigorous testing, and scale-up of technological solutions for international development. DIL also aims to establish a new discipline, *Development Engineering* (Dev Eng), which addresses poverty by integrating science and engineering advances with economic and social innovation. Dev Eng will formalize the iterative design of technologies for low-resource communities, using insights from social science and development economics to drive innovation. It will also result in new tools for measuring the adoption and impacts of anti-poverty interventions, including sensors, mobiles, and other devices for data collection.

DIL Explore grants are intended to support preliminary research as well as international travel to develop a new idea or establish partnerships. Grant winners are encouraged to apply for follow-on support through DIL's larger, semi-annual grant program, DIL Innovate (with awards of up to \$200,000). The next DIL Innovate application round is planned for Fall 2014. More information can be found at: dil.berkeley.edu/technology-portfolio/competitions-incentives

Review Criteria: Successful applications to DIL Explore will clearly advance the nascent field of development engineering, by **combining techniques and insights from social science with advances in engineering and the natural sciences**. In general, DIL does not fund projects that focus exclusively on technology design, prototyping, or modeling without consideration of the social, economic, and institutional factors that affect technology adoption. Similarly, DIL does not generally fund projects that lack a technological innovation (e.g. we would not fund routine application of existing mobile technologies).

Applications will be evaluated for relevance, novelty, and potential impact. Requests will also be evaluated for the immediate value that the DIL Explore grant will have on the project, e.g. through fostering new international partnerships in low- and middle-income countries, collection of baseline data, or testing of an initial hypothesis.

A copy of this DIL Explore grant call can be found at dil.berkeley.edu/technology-portfolio/competitions-incentives/spring-2014-explore. Any updates posted online will supersede previously circulated or posted materials.

Questions?

Email dil-grants@berkeley.edu

1 Applicants must have Principal Investigator (PI) status at a DIL-affiliated center or institute. Eligible PIs include those appointed at the University of California, Berkeley; the Blum Center for Developing Economies (with sites across the University of California); the Center for Effective Global Action (CEGA); Technology and Infrastructure for Emerging Regions (TIER) and the Mezuri Group; Policy Design and Evaluation Lab (PDEL) at the University of California, San Diego; the LBNL Institute for Globally Transformative Technologies (LIGTT); Centre for Technology Alternatives for Rural Areas (CTARA) at IIT Bombay; Global Change Programme at Jadavpur University; and select Colleges at Makerere University. Select non-affiliated researchers who have been notified of their eligibility may also submit applications. Note that funds may be used to support faculty-mentored students or collaborators beyond the immediate DIL network.



Application Form

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Note: Do NOT submit this form through the UC Berkeley Sponsored Projects Office (SPO) or the office of sponsored research at your home institution.

PI Name:		PI Email:	
Traveler Name(s):		Traveler Email(s):	
PI university:		Budget	\$
Project Title (4 words or less):			
Project Summary (1 sentence):			
Destination Country:		International Host Organization:	
International Host Name:		International Host Email:	
Other countries to be visited:			
Travel Start	MM/DD/YYYY	Travel End	MM/DD/YYYY

Project Narrative: In 500 words or less, outline a) The development challenge you seek to address, including evidence of unmet need for innovation; b) The research question or approach to be explored, *including how it incorporates engineering or natural science as well as social science or economics*, c) Immediate expected outcomes of the proposed travel, d) Potential of the research or approach to eventually result in development impact at scale, e.g. through a product, policy, or programs; e) Partners involved in the project, including foreign collaborators or hosts.



Budget: Requests of up to US \$5,000 in direct costs are permitted. Allowable line items include air tickets on U.S. air carriers, lodging, ground transport, meals & incidental expenses, and research supplies. No other items are allowed.

Restrictions: It is not permissible to purchase a laptop using this grant. Requests for lodging or meals & incidental expenses (M&IE) may not exceed rates published by the State Department Office of Allowances, available online at http://aoprals.state.gov/content.asp?content_id=184&menu_id=78. All travel must comply with the Fly America Act. If you expect other classes of expenses that are not listed above, but may be critical for your research, please contact dil-grants@berkeley.edu prior to submitting your application.

Note that all travel and related project costs with the possible exception of flights are expected to be purchased directly by the traveler; expenses will be reimbursed by UC Berkeley following the completion of travel. DIL Explore grant recipients will also be asked to provide travel information to be submitted to USAID prior to travel, e.g. dates of travel and IRB approval/exemption status (as needed).

Expense	Description & Justification	Amount
<i>Air travel</i>		
<i>Lodging</i>		
<i>M&IE</i>		
<i>Transit</i>		
<i>Supplies</i>		
Total		\$

SAMPLE BUDGET

Expense	Description & Justification	Amount
<i>Ticket</i>	<i>Roundtrip air ticket from SFO to BOM, on U.S. air carrier, to meet collaborators at IIT Bombay and conduct informal interviews with potential consumers of the technology. Expected dates of travel are 5/28/14-6/12/14</i>	<i>\$1,400</i>
<i>Lodging</i>	<i>Hostel accommodation in Mumbai, India for 14 days, at a rate of \$50 per day</i>	<i>\$700</i>
<i>M&IE</i>	<i>Meals at \$15 per day plus mobile phone minutes (\$50 total)</i>	<i>\$260</i>
<i>Transit</i>	<i>Hire of a car for 10 days total, at \$50 per day, for field visits</i>	<i>\$500</i>
<i>Supplies</i>	<i>Translator (10 days @ \$10 per day); assay kits (50 @ \$20 each); laboratory consumables (\$200 total); shipping samples (\$500 total)</i>	<i>\$1,800</i>
Total		\$4,660

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