

Call For Proposals

Supporting international collaboration between future internet Researchers

The GENI Project Office and Boston University are pleased to announce that we can now fund, at a modest level, travel expenses for future internet experimental researchers to visit collaborators in GEFI-participant countries, with a particular emphasis on funding students, post-docs, and pre-tenure faculty to visit and work with their peer collaborators abroad. In addition to the U.S., GEFI countries currently include Brazil, China, Japan, Republic of Korea, and all EU countries.

All research collaborations must be in the Future Internet area. We can only provide funds for researchers / students who are currently affiliated with colleges and universities in the United States, and who are actively working on NSF-funded future internet research infrastructure (e.g. GENI, COSMOS, POWDER, CloudLab, Chameleon) or using this infrastructure for compelling experimentation.

We are ready to accept proposals now, and we will continue to accept proposals so long as funding is available. We anticipate that all funds will be expended by Summer 2019.

The following paragraph states specific areas of interest in research collaboration with GEFI (Global Experimentation for Future Internet) participants. The text of this paragraph has been agreed upon with our GEFI counterparts, so it reflects areas of mutual interest for collaboration.

“The participating research communities wish to perform collaborative research, on the basis of equality and reciprocity, in areas of mutual interest, which may be characterized as:

- (a) Investigations of the research infrastructures suitable for hosting at-scale experimentation in future internet architectures, services, and applications, and use of such infrastructures for experimental research.
- (b) We envision that our collaboration will encompass joint specification of system interfaces, development of interoperable systems, adoption of each other's tools, experimental linkages of our testbeds, and experimentation that spans our infrastructures.
- (c) We further envision that students and young professors from participating nations will visit each other and collaborate deeply in these activities, in hopes of sparking friendships and life-long research collaborations between the communities.”

March 2019

Proposal format

Please send a short proposal to **ggf-research@googlegroups.com** (1-2 pages in PDF format) containing the following information:

- Your name, US academic affiliation & position, and contact information.
- Your foreign collaborator's name, affiliation, and contact information.
- Names of researchers / students who need travel funds.
- Purpose of the travel – please provide at least 1-2 paragraphs concretely describing what will be done during the visit(s) and the importance to your research or educational goals.
- Desired outcome – please provide 1 paragraph concretely describing a desired outcome of the visit(s), e.g., experimental results obtained as a basis for a paper, software made interoperable, familiarization with a particular technology, new curriculum developed. Please state whether/how results will be disseminated.
- Short note from your collaborator abroad agreeing to act as host and to collaborate actively during the visit.
- Amount of funding requested, with justification (see next section).

Budgets and expected funding levels

To simplify the budgeting process, we ask that your budget consist of two basic parts: (a) economy-class **roundtrip travel** to the foreign destination using a US flag carrier, plus (b) **living expenses** that are computed by multiplying a per diem rate for that destination by the number of days spent there. This web site lists the maximum per diem rate for many locations: http://aoprals.state.gov/web920/per_diem.asp. If your destination is not included, please make a reasonable estimate based on comparable rates. In many cases, you may need considerably less than the full maximum per diem rate, and we will favor frugal requests.

We are only able to fund travel and living expenses. No other costs should be included in your proposal.

Example. If you plan two trips to Brussels, Belgium, one 5 days long and the other 4, please provide the following numbers with justification: airfare and train fare for Trip 1, airfare and train fare for Trip 2, the total number of days planned at the destination (9), a per-diem cost for that destination that does not exceed that maximal amount allowed by the US government (\$309), and total living expenses (up to \$309 x 9 days).

General guidance for costs. You should choose travel plans that best suit your collaboration, but as general guidance we expect to fund most requests at roughly a \$2,000 to \$4,000 level. We could also fund a limited number of requests for lengthier visits (e.g., sending a student to visit your collaborator for several months).

How we will process proposals

We will process proposals on a rolling basis, as received. We will use two basic criteria for our judgments:

- “Bang for the buck,” that is, we will favor proposals that appear to give excellent possibilities for collaborative research or education at a low or moderate cost.
- We will favor proposals that fund travel for undergraduate or grad students, post-docs, and pre-tenure faculty members.

We intend to make decisions quickly and will send a yes/no decision by email. In some cases, we may ask for clarification or revisions. Note that we reserve the right to reject proposals unread if they do not match the proposal format described above.

How we will pay you

After you complete your travel, please send an email note providing documentation of your expenses and a brief (approx. 1 page) report of your activities and how it advanced your research collaboration. Upon receipt, we will reimburse your expenses, up to the amount in your approved proposal.