

Jefferson Science Associates, LLC
Managing and Operating the Thomas Jefferson National Accelerator Facility
for the U.S. Department of Energy

FY2018 JSA Initiatives Fund Proposal Summary Sheet

Proposal title

Project Start Date (month/year)

Project End Date (month/year)

New
proposal

Renewal

**Total funds
requested**

Total leveraged support / matching
funds. Details of funds must be
included in budget proposal.

To be completed by JSA: Total funds awarded

Principal Investigator (PI)

Institutional affiliation
Mailing address
Email / phone #

Co-PI (if more than 1, add
pages with information)

Institutional affiliation
Mailing address
Email / phone #

Check one category: If PI is a Lab employee, your identification of the appropriate Associate Director below represents the acknowledgement of that AD with your submittal of proposal. No signature required.

Lab employee: Identify Associate Director (email /
phone)

Lab user: Identify University affiliation (email / phone)
Joint appointee: identify University and Lab division
association (email / phone)

Other: Identify Institutional affiliation (email /
phone)

Proposal: Attach file with

- (1) **Executive summary and technical proposal**
- (2) **Synopsis of scientific, educational, technical, and/or business merits, and alignment with and significance to Lab's current program**
- (3) **Proposed evaluation plan to measure success.** If this is a request for renewal of funds, assessment of prior year performance,

Your proposal may include letters of endorsement and other supporting information (maximum of 12 pages including this summary sheet and budget sheet)

Budget Proposal

Proposal Title

Principal Investigator (PI)

Total funds requested

To be completed by JSA: Total funds awarded

	Item Description	Amount
<p>Equipment. Lab users submitting proposals that include equipment to be used at the Lab must review with the appropriate Lab Associate Director. The provision of the name of the AD below represents the AD's acknowledgement. No signature required.</p>		
	Associate Director: _____	
	_____	_____
	_____	_____
	Subtotal Equipment	_____
<p>Travel Support. Provide break-out of estimates for registration fees, lodging and transportation, catering, and facility charges (room rentals, AV equipment; etc.)</p>		
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	Subtotal Travel	_____
<p>Supplies</p>		
	_____	_____
	_____	_____
	Subtotal Supplies	_____
<p>Consultants/Subcontracts</p>		
	_____	_____
	_____	_____
	Subtotal Consultants/Subcontracts	_____
<p>Other Expenses. Examples include stipends and honoraria, prizes, awards.</p>		
	_____	_____
	_____	_____
	Subtotal Other Expenses	_____
	Total Budget Proposal	_____

Budget Justification: Include narrative to explain need for each line item in the budget, showing breakdown of calculations used to arrive at the amount in each line of the budget. Note that the JSA Initiatives Fund Program does not support salaries and salary-related expenses, or indirect expenses.

Leveraged Support/Matching Funds information. Identify the source, type and amount of dollar funds from each institution. Include **separately** estimated value of in-kind support. Your identification of the authorized representative who has committed institutional support for your proposal represents the acknowledgement of that individual. If support or funds are provided by the Lab, identify the associate director (or equivalent) as the authorized representative. Information may be included on separate page.

JSA Travel Support Fund for Nuclear Physics Day on the Hill and other Congressional Visits

Executive Summary and Technical proposal:

Members of Congress and their staffers are often unaware of the economic and scientific impact of JLab on their state and districts. The most effective way to change this situation is for scientists from the Members district or state to visit Congress. The Jefferson Lab user community participates in two annual congressional outreach efforts, the Nuclear Physics Day on the Hill, and the Congressional visit by the National User Facilities Organization (now SSURF– [Society for Science at User Research Facilities](#)). While participation by JLab users has grown over the last five years, it still lags behind the other NP lab user communities and is largely confined to users from Virginia and Washington DC. It is critical to have a wider participation from users across the nation including graduate students and post-docs. A major reason for low turnout in the early years was a lack of travel support. The renewal of the JSA initiatives travel proposal for congressional outreach and other outreach activities is likely to show continued growth in attendance. Experience showed that universities strongly encourage visits to Congress and when asked are usually willing to match support for such visits. We expect the number of participants to increase in 2018 to about 28, a modest increase over the 2017 NP day participation level, which is now the same as the other national labs. 14 out of 23 attendees requested travel support in 2017 and we expect to support 18 of 28 in 2018, with 25% of the participants being students and post-docs. This outreach project will run from January to December of 2018.

Synopsis of scientific, educational, technical, and/or business merits, and alignment with and significance to Lab's current program:

To ensure strong and continued support for nuclear physics research, it is vital that Jefferson Lab users take an active role in communicating to members of Congress the value of fundamental research and importance of its support. The annual Nuclear Physics Day on the Hill (organized by RHIC, JLab and FRIB outreach divisions and user groups) as well as the congressional visit organized by the SSURF organization are two such efforts. Users visit the offices of their elected representatives in the House and the Senate and impart onto the staffers the importance of funding fundamental nuclear physics research, speaking not just about the science itself, but also about the impact on different sectors of the economy and the importance of providing advanced scientific training to the next generation. It is important to have representation from the entire JLab community, as many representatives aren't always aware that their constituents are engaged in research efforts at facilities all over the United States.

JLab users first joined NP day in 2013, with 7 participants. This grew to 13 attendees in 2014, 20 in 2015, 24 in 2016, and 23 in 2017. Many of the participants are repeat attendees, having found their first visit a fruitful and gratifying experience. After lagging the RHIC and FRIB attendance numbers for the first few years, we matched them in 2016 and 2017. Additionally, in the last couple of years, we have greatly increased the geographic diversity of the JLab participants. Access to a dedicated fund to support user travel for such outreach efforts is vital for attendance of such users, as well as increased profile of these events, both through personal accounts made available on the JLab User Group wiki and word-of-mouth from the growing community of previous attendees.

Year	JLab attendees of NP day	Users granted travel support
2013	7	N/A
2014	13	N/A
2015	20	12
2016	24	13
2017	23	14
2018 (anticipated)	28 (anticipated)	18 (anticipated)

Of the 23 NP day participants in 2017, 14 requested travel support (total of \$8500) and got matching funds from their home institutions. We expect modest growth this year, with a goal of 28 participants. We also expect at least of 25% of the participants to be students and post-docs. The project period will run from January 2018 to December 2018. We request a total of \$9000 to support travel expenses for 18 of 28 participants, a modest increase over 2017 and

2016, anticipating more non-local participants especially from the young and junior JLab users.

Proposed evaluation plan to measure success. If this is a request for renewal of funds, assessment of prior year performance:

As in the previous years, the organizing outreach divisions and user groups of RHIC, JLab and FRIB will hold a webinar and counseling sessions before the NP Hill visit to advise the attendees on how to communicate their ask to the members of Congress and their staffers. Furthermore, the recipients of travel support will be asked to submit summaries of their accounts to the User Group wiki and to the User Group Board outreach personnel. This feedback is used when planning subsequent visits. Overall, the success of the program will be evaluated in terms of the attendance on the NP day on the Hill and SSURF Congressional visit.

Administrative Details:

The travel fund committee will consist of the PI, the co-PI and the User Group Chair. A JLab user who wants to participate in the NP day or the SSURF congressional visit may request travel support by submitting a written request. The committee will then approve the funds based on availability of funds and will try to ensure that at least 1/3 of the recipients are junior scientists.

Summary:

We request \$9,000 to fund participation of JLab users in Congressional outreach events such as the NP day on the Hill and SSURF Congressional visit. These funds will help maintain and grow participation by JLab users and ensure a wider cross section of JLab users participate in such events.