

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

Proposal title

Principal Investigator (PI)

Synopsis of scientific, educational, technical, and/or business merits, and alignment with and significance to Lab's current program. Add additional pages if necessary.

Proposed evaluation plan to measure success. If this is a request for renewal of funds, assessment of prior year performance. Add additional pages if necessary.

Your proposal may include letters of endorsement and other supporting information. A maximum of 10 additional pages may be appended to this proposal form.

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. The JSA Initiatives Fund Program does not support salaries and salary-related expenses, or indirect expenses. Describe other expenses below.</p>			
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Other Expenses	
		Total Budget Proposal	

Budget Justification and Leveraged Support/Matching Funds information. Identify the source, type and amount of support from each institution. For in-kind support, provide estimate of value. 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. Add additional pages if necessary.

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

Background: Members of Congress and their staffs 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. JLab users participate in two annual congressional outreach efforts, the Nuclear Physics Day on the Hill, and the Congressional visit by the National User Facilities Organization (now ARIA – American Research Infrastructure Alliance). While participation by JLab users has grown over the last few 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. A dedicated travel fund for congressional outreach and other outreach activities is likely to show continued growth in attendance. Experience shows that universities strongly encourage visits to Congress and when asked are usually willing to match support for such visits. We hope to leverage this mutual concern and objective.

Request: 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 basic 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 National User Facilities Organization (NUFO) 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 basic 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, and 24 in 2016. 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. 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 (anticipated)	26 (anticipated)	17 (anticipated)

Of the 24 NP day participants in 2016, 13 requested travel support (total of \$5000) and got matching funds from their home institutions. This is small increase over 2015, partially due to the fact that no one could attend the 2015 NUFO meeting. We expect modest growth this year, with a goal of 26 participants. We also expect at least of 25% of the participants to be students and post-docs. The project period will run from January 2017 to December 2017. We request a total of \$8500 to support travel expenses for 17 of 30 participants, a modest increase over 2016, anticipating more non-local participants.

Administrative Details: The travel fund committee will consist of the PI, the Co-PIs and the User Group Chair. A JLab user who wants to participate in the NP day or the NUFO/ARIA 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.

Assessment: All recipients of travel support will be asked to add their account of the visit to the User Group wiki in a form of a short report. The success of the program will be evaluated in terms of the number of participants to the NP day on the Hill and the NUFO Congressional visit.

Summary: We request \$8,500 to fund participation of JLab users in Congressional outreach events such as the NP day on the Hill and NUFO/ARIA 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.