



Jefferson Science Associates, LLC

Thomas Jefferson National Accelerator Facility

JSA Initiatives Fund Proposal Summary Sheet

Proposal title:		Young Physicist Career Development Fund	
		Award Amount: \$2,000	
<input checked="" type="checkbox"/> New proposal	<input type="checkbox"/> Renewal	Total funds requested	11,600
		Leveraged support / Matching resources	<input type="checkbox"/> Yes <input type="checkbox"/> No
If your proposal includes leveraged support or anticipates matching resources, identify source, amount, and secure the signature of an authorized representative of the source.			
Source/Amt		Authorized Signature:	
Source/Amt		Authorized Signature:	
Source/Amt		Authorized Signature:	

Principal Investigator (PI)		Karl Slifer	
<input type="checkbox"/> JLab employee	Associate Director signature		
<input checked="" type="checkbox"/> JLab user	Name of university		University of New Hampshire
<input type="checkbox"/> Other	Name of institution		
PI's Mailing Address			
PI's Telephone / E-Mail		603-862-2827	
Co-PI's (with affiliation)			
Edward Brash (Christopher Newport University). Maurik Holtrop (University of New Hampshire). Patricia Solvignon (Argonne Nat. Lab)			

Executive summary including the projected begin/end dates.
Please see attached document
Synopsis of scientific, educational, technical, and/or business merits, and alignment with and significance to Lab's current programs.
Please see attached document

Authorized signature for proposal from:	
<input type="checkbox"/> JLab employee	Lab Director signature
<input type="checkbox"/> JLab user	JLab Users Group Board Chair
<input type="checkbox"/> Other	Institutional authorization

Office of SURA Chief of Strategic Services – Internal Use		
Proposal received:	Submitted for review:	Disposition:

Attachment A Technical Proposal – no more than 5 pages please. Up to 5 additional pages of letters of support, or other supporting materials may accompany proposal.
Attachment B Budget Proposal

JLab Young Physicist Career Development Fund

It is an all too common, if unfortunate, occurrence that excellently qualified young JLAB physicists struggle with the ability to craft a colloquium-style talk which would be appropriate for a general audience outside of the immediate JLab community. As a result, highly qualified candidates have struggled to land permanent positions. It is our goal to provide young JLab physicists with ‘trial run’ job interviews that will prepare them for the job market, and also promote the dissemination of their work to the larger community.

This fund will be used to establish a series of invited talks for young JLab Physicists (Post-Docs and senior students) in order to provide exposure as they enter into the job market, and training for eventual job interviews. The goal is to establish a circuit of JLab affiliated institutions at which the young physicists will be invited to provide colloquia-style presentations and undergo mock interviews. We aim to support 18 such trips over the course of the year. In the initial year, we will fund 8 visits to each of the two PIs home institutions corresponding to roughly one visit per month during the academic semester. The remaining funds will be used to grant travel expenses for 2 international invitations. Our goal is to use these initial funds as a trial run at the PI’s universities, with eventual expansion to other JLab affiliated institutions.

The goal will be to simulate as closely as possible the typical interview environment, so that the participants can have some idea of what to expect and which aspects of their presentations need improvement. During each ‘interview’, the participant will be asked to deliver a colloquium level talk, accessible to the non-specialist community. The audience will be provided with a short anonymous questionnaire to fill out at the conclusion of the presentation in which the participants will receive feedback on their strengths and suggestions for improvement. The participant will also be asked to meet individually with a sample of the institution’s faculty for more in-depth discussion, similar to the typical interview scenario. At the conclusion of the experience, each participant will be asked to provide feedback on which aspects of the process were most helpful, which will be used to improve and help to assess the utility of the program.

