

Rensselaer Polytechnic Institute

Project Information Form

View the
PIF Guide

A. PI Name: <input style="width: 500px;" type="text" value="Sergio Daniel Goncalves Melo Pequito"/>	<u>RA&F Use Only</u>
Title: <input style="width: 150px;" type="text" value="Assistant Professor"/> Phone: <input style="width: 80px;" type="text" value="x4852"/> Email: <input style="width: 150px;" type="text" value="goncas@rpi.edu"/>	Proposal No.: <input style="width: 100px;" type="text" value="9750"/>
Department/Center: <input style="width: 300px;" type="text"/> (list only one) Org: <input style="width: 50px;" type="text"/>	Date Received: <input style="width: 100px;" type="text" value="8/3/2017"/>
PI Credit: <input style="width: 50px;" type="text" value="100"/> The following percentages will be used to award credit for research dollars received. If no percentage is provided the allocations will be equally divided.	Date Submitted: <input style="width: 100px;" type="text" value="8/9/2017"/>
Co-PI 1: <input style="width: 150px;" type="text"/> Credit: <input style="width: 50px;" type="text"/>	Co-PI 3: <input style="width: 150px;" type="text"/> Credit: <input style="width: 50px;" type="text"/>
Co-PI 2: <input style="width: 150px;" type="text"/> Credit: <input style="width: 50px;" type="text"/>	Co-PI 4: <input style="width: 150px;" type="text"/> Credit: <input style="width: 50px;" type="text"/>

List any additional Co-PIs and credit in the comments section on Page 2 of this form.

B. Sponsor: <input style="width: 400px;" type="text" value="NSF"/>	Prime Sponsor: <input style="width: 200px;" type="text"/>
* NOTE: If Sponsor or Prime Sponsor is an agency adopting PHS FCOI regulations, the questions on Page 2 are REQUIRED for your proposal to be submitted.	
Solicitation/RFP No. & URL: <input style="width: 700px;" type="text" value="https://www.nsf.gov/pubs/2016/nsfi6565/nsfi6565.htm"/>	
Start Date: <input style="width: 100px;" type="text" value="1/1/2018"/>	End Date: <input style="width: 100px;" type="text" value="12/31/2019"/>
Duration: <input style="width: 100px;" type="text" value="2 years"/>	Amount: <input style="width: 150px;" type="text" value="\$174,998.00"/>

Project period in months or years

By submitting your proposal through RA&F, each GRA is eligible for a 35 % tuition waiver. See RPI's [Tuition Cost Sharing Policy](#) for details.

Deadline: <input style="width: 80px;" type="text" value="8/8/2017"/> by: <input style="width: 100px;" type="text"/>	Method: <input style="width: 150px;" type="text"/>	Program/Sub-Program: <input style="width: 150px;" type="text" value="(CISE) Research Initiatio"/>
Submission Contact Info: (Website/Email/Address) <input style="width: 700px;" type="text"/>		

Project Title:	<input style="width: 950px;" type="text" value="CRII: CPS: Re-thinking the next generation of brain-machine-brain devices: quantitative assessment of neurological stages"/>
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Proposal Type: <input style="width: 100px;" type="text" value="New"/>	Proposal/Grant No.: <input style="width: 100px;" type="text"/>	Cost Share: <input style="width: 150px;" type="text"/>
On/Off Campus: <input style="width: 100px;" type="text" value="On Campus"/>	Not required for New or Preliminary proposals Provide details in the Comments section on Page 2	
Corporate/Foundation Relations Assisted with this Proposal: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		Project Type: <input style="width: 100px;" type="text" value="Research"/>

C. <u>Linked Collaborator/ Subcontractor:</u> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="radio"/> RPI-Lead	Organization 1: <input style="width: 300px;" type="text"/>	<input type="radio"/> Lead <input type="radio"/> Non-Lead
	Organization 2: <input style="width: 300px;" type="text"/>	<input type="radio"/> Lead <input type="radio"/> Non-Lead
If Yes, complete the remainder of this section		
List any additional Collaborators in the comments section on Page 2 of this form.		
Collaborator Sponsored Programs Office Contact Info: (Name, Email, Phone #) <input style="width: 700px;" type="text"/>		

D. Please check Yes or No for each of the following items: NOTE: If a box is not selected, the default answer is NO			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Confidential/Proprietary information; pages must be marked	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Renovations/Modification of existing facilities/utilities
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Program Income Anticipated	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Foreign Activities Location: <input style="width: 100px;" type="text"/>

If Yes, complete the
[Space Form](#)

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E. Project Compliance Certifications - Status and documentation is required for any items checked Yes. 9750

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	PHS ONLY: List of Investigators <small>Must be Yes for all PHS (See List of agencies)</small>	Status: <input type="text"/>	Date: <input type="text"/>	<input type="checkbox"/> Documentation (i.e. email/cover page) attached <small>(REQUIRED for each YES)</small>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Vertebrate Animals	Status: <input type="text"/>	Date: <input type="text"/>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Human Subjects	Status: <input type="text"/>	Date: <input type="text"/>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Biosafety	Status: <input type="text"/>	Date: <input type="text"/>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Stem Cells	Status: <input type="text"/>	Date: <input type="text"/>	

Subject to Export Controls
 Yes No

F. Conflict of Interest (check Yes or No below):

Yes No Do you, any Co-PI/[Investigator](#), or any other personnel who have responsibility for the design, conduct or reporting of the project (or his/her spouse or dependent children) have a financial interest that would reasonably appear to be related to, or affected by, the proposed research project, or the research results?
If yes, all persons with such a financial interest must fill in a [Conflict of Interest Questionnaire](#) and submit it, along with any supporting documentation, with this Project Information Form.

Yes No **FOR PHS-FUNDED (OR FLOW THROUGH FROM PHS) ONLY (See [List of agencies](#))**. An [Investigator](#) on this project has a reportable Significant Financial Interest related to this project. If **Yes**, identify the name(s) of the Investigator in Comments.
 N/A

G. PI Certification - Please check the box below and insert your name and the date to certify

PI certifies that all statements contained above regarding the project including the scope of work and budget, are true and accurate to the best of the PI's knowledge and do not infringe on the proprietary rights of others. Neither the PI nor any key personnel on this project are, to the best of their knowledge, debarred, suspended or proposed for debarment by any Federal department or agency. PI also agrees to accept responsibility for the scientific conduct of the project and provide the required progress reports if a grant is awarded as a result of their application as well as all other required reports. Any false, fictitious, or fraudulent statements or claims may subject the PI to criminal, civil, or administrative penalties. All work to be done under this project shall be subject to the terms of all rules and regulations of the Institute and the sponsoring agency.

Check PI Date: Submit by Email

Comments: Print Form

Brain-machine-brain interfaces (e.g. neurostimulators and deep brain stimulators) are becoming part of therapeutic mechanisms that aim to improve people's quality of life by mitigating symptoms associated with different diseases, for example, epilepsy, Parkinson's, depression, and migraine. Notwithstanding, the technology is still in its infancy, and their efficacy can dramatically be improved. Specifically, these bio-cyber physical systems (bio-CPS) have a low computational capability, and often stimulation schemes are often designed in open-loop, and few consider 'if-then' ad hoc rules to 'close-the-loop'. As a consequence, besides the reduced duration of the battery (which requires being replaced every 2-3 years under a surgical procedure), the effectiveness of so

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Tuition Subsidy: <input type="text" value="Voluntary"/>	Rate: 35%	Amount: <input type="text"/>	
<input type="text"/>	Org: <input type="text"/>	Amount: <input type="text"/>	CFDA No.: <input type="text"/>
<input type="text"/>	Org: <input type="text"/>	Amount: <input type="text"/>	
Other: <input type="text"/>	Org: <input type="text"/>	Amount: <input type="text"/>	Subcontract(s) Required
Third Party: <input type="text"/>	<input type="checkbox"/> Cash <input type="checkbox"/> In Kind	Amount: <input type="text"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="checkbox"/> Cost Share Approvals/Commitment Letters Received		Total Cost Share: <input type="text"/>	

Facilities and Administration (Indirect Costs): Major Program

Base: Rate/Other: Yes No