

## **Stanford Center for Precision Health and Integrated Diagnostics (PHIND)**

### **Request for Applications: PHIND Dream Team Projects**

This RFP and cover page template are available on this webpage:  
<http://med.stanford.edu/phind/grants/seed-grants.html>

**Deadline: July 31, 2018** (see "Submitting an Application" below)

### **Amount of Funding/Budget Information:**

The Center plans to fund two to four dream team projects (project teams should consist of from two to four PIs (preferably from across multiple schools and departments) per project). The proposal should be for two years, and applicants may request up to \$250K/year in direct costs under this program for a total of \$500K in direct costs. Depending on the quality and promise of the proposals, the number of awards may vary. Each Dream Team Project will be a 2-year duration project with potential for continuation beyond that period based on a competitive renewal process. Once all required documents are received, the selected candidates will have a funding period from 9/1/2018\* through 8/31/2020. \*Please see #3 Detailed Budget section.

### **Eligibility:**

Any investigator with PI Eligibility (i.e., those with UTL, MCL, NTL-Research, and CE appointments) at Stanford may apply. All applications, regardless of their past or present relationship to the Stanford PHIND program, will undergo the same level of scrutiny before being identified as an appropriate Dream Team Project. At least one PI and one Co-PI from different fields (e.g., disciplines, departments, schools) must come together in a dream team proposal. Proposals that bring together 1 PI and 2 or more Co-PI's from different fields are highly encouraged. Postdoctoral fellows shared between the investigators to bridge their labs are also highly encouraged.

### **Purpose**

The Center for Precision Health and Integrated Diagnostics (PHIND), is soliciting new Pilot Projects from established investigators. The vision of PHIND is to bring together researchers from various disciplines to form synergistic teams that will make significant advances in developing 1) data analytics for risk assessment, 2) biomarkers for the transition from health to disease, and 3) wearable monitoring devices or related PHIND areas. Members of these teams will include trainees that will benefit from a highly multidisciplinary experience, and who will become well equipped to establish independent, multidisciplinary research programs.

### **The ideal project topics:**

**Risk Analytics** to predict risk of specific disease(s) for a given individual

**Fundamental studies on the biology of disease initiation/progression** to understand the earliest transitions from healthy humans, organs and cells to the disease state

**Biomarker research** to study the molecules that indicate healthy states and early signs of disease

**Diagnostic technology and information** to accurately monitor and detect health changes early, such as collecting and analyzing information from multiple sources on the body and in the home, office or wider community

**Health economic analyses** for precision health strategies to show savings to the health care system for pursuing various precision health efforts

The focus of PHIND is on precision *health* not *medicine*, thus therapeutics (e.g., experimental drugs), are not suitable for this solicitation. For further clarification, please see:

<http://med.stanford.edu//content/dam/sm/phind/documents/seed-grants/precision-health-vs-medicine.pdf>

### **Contact/Questions?**

Applicants are welcome to discuss their research plans in preparation for response to this solicitation with Dr. Ryan Spitler (Deputy Director, PHIND) who can be reached by email at ([rspitler@stanford.edu](mailto:rspitler@stanford.edu)).

### **If selected and funded**

Funding is contingent upon the timely receipt of all required documents and verification of approved protocols (must be submitted to Ryan Spitler at the Department of Radiology). Interim and yearly progress reports will also be due to Ryan Spitler. Due dates will be provided upon selection of awardees. Attendance at regular PHIND meetings is required at which time awardees will be expected to intermittently report their progress on the project. In addition, a final presentation of progress will be required towards the end of the funding period.

### **Submitting an Application**

By **July 31, 2018**, please submit one PDF file containing the items below in the order listed (1-4) via email to:

Ryan Spitler

[rspitler@stanford.edu](mailto:rspitler@stanford.edu)

Department Radiology

File name: Last name\_PHIND\_dreamteam.pdf

Institutional representatives: not applicable for internal funding opportunities. You do not have to submit your applications through your RPM.

### **1) Title Page-use the template provided:**

Download Title Page Template from:

[http://med.stanford.edu//content/dam/sm/phind/documents/seed-grants/PHIND\\_Title\\_page\\_2018.pdf](http://med.stanford.edu//content/dam/sm/phind/documents/seed-grants/PHIND_Title_page_2018.pdf)

## **2) Research Proposal:**

Five pages (not counting references, budget, budget justification and biosketches) description of proposed research (12 point font), including the following:

- i. Research plan that includes a project justification and impact statement, a description of the hypothesis being tested, and research design plus expected outcomes.
- ii. Description of research subjects involved (human or animal).
- iii. Description of interdisciplinary characteristics of this project and explanation of how the proposed research will link with PHIND (see the PHIND website) at <http://med.stanford.edu/phind.html>

## **3) Detailed budgets**

\$150-250K/year x 2 years in direct costs. No indirect costs will be provided.

Estimated budget period: 9/1/18 through 08/31/20.

The budget period must end 08/31/20.

Please note: you do not have to have your RPM prepare your budget.

## **4) Budget Justification** (1 page, NIH format)

## **5) Biosketch** (5-page NIH format) for the Project Leader and Co-Investigators

## **6) Other Support** (also NIH format). Please include both active and pending support

### **Selection Process:**

The PHIND Executive Council will require a formal presentation by the Dream Team finalists prior to making a decision on the teams that will be funded. Details of the presentation format will be provided at a later date. After these presentations, the Executive Council will recommend action on all Dream Team applications. You will receive a notification of our selection by shortly after the dream team competition on **September 7<sup>th</sup>**.

**Note:** the release of funds after selection will be contingent upon verification by PHIND of the recipient's human subject, SCRO, and animal subject approvals and compliance with other administrative issues.