Spectrum and the Center for Population Health Sciences are very pleased to announce that Stanford Health Care (SHC) is partnering with us to expand funding for seed grants that will implement novel learning healthcare systems approaches to contemporary health care problems. Ideal proposals will have a clear focus on improving the health of the patient populations served by Stanford Medicine.

Research topics of specific interest include but are not limited to:

- Developing new innovations that will improve the clinical workflow in the SHC system, such as (i) creating new guidelines, processes, protocols, decision support tools, and other interventions that can be iteratively improved with feedback from practicing clinicians and (ii) using information extracted from clinical data warehouses to improve patient care.

- Research that will provide information to clinicians at the point of care enabling them to predict which patients are at greatest risk of developing certain conditions, experiencing adverse events, or benefiting from specific interventions.

- Developing and testing interventions that will enable personalized approaches to treatment decisions about medications, procedures and medical devices.

- Incorporating patient-reported outcome measures (PROMs) and patient preferences into the clinical process for improved shared clinical decision making.

- Proposing and testing new interventions, procedures or approaches to service delivery that will either improve the quality of care, reduce the cost, or improve the patient experience.

- Studying the comparative effectiveness of treatments among patients who are not usually the subject of clinical trials (i.e., those with multiple comorbidities) and other patient subgroups that are difficult to study in the traditional paradigm.

The primary expectation is that these early-stage pilot projects will lead to additional research, external support, information dissemination and most important, will develop into longer-term, comprehensive projects. We strongly encourage submissions that propose partnerships and collaborations with SHC clinicians, staff and other partners in the Stanford health care system (SHC). Priority will also be given to projects that meet one or more of the following criteria: (i) projects that address questions germane to the SHC system; (ii) projects that utilize SHC data (at least in part); (iii) projects that explore an issue or challenge in the SHC system; and (iv) projects that explore an important question with results that are generalizable to SHC and other healthcare systems.

**Deadline:**
All proposals must be submitted by **11:59 pm on Monday, November 17, 2014.**

*Previously named “2015 Stanford Learning Healthcare Innovation Fund”*
Amount and Period of Funding:
Typical grants range between $5,000 and $50,000 per year and depend on the scope of the proposal. Both short-term (6 month) and longer-term (12 month) proposals are encouraged. Awardees may also gain access to various in-kind SHC resources including, but not limited to, IT, finances or quality services, if appropriate and indicated. **Grants will be awarded with a start date of January 1, 2015 and MUST be completed by December 31, 2015.** All unexpended funds will be forfeited if not spent within the 12-month award period. Projects may apply to more than one program area, but will only be awarded one grant in the program area deemed most pertinent by the review committees.

Eligibility:
Open to all Stanford PI-eligible faculty members and Instructors. Graduate students, clinical and non-clinical postdoctoral scholars are encouraged to apply with the leadership of a Stanford-affiliated, PI-eligible faculty mentor (listed as co-PI on the application). **Partnerships and collaborations with SHC staff are strongly encouraged.**

Award Process:
A committee composed of independent faculty reviewers will evaluate proposals. Awards will be based on individual selection criteria and standard scoring systems. We will fund individual investigators or teams of investigators for pilot research consistent with the objectives outlined in this RFP. We will notify awardees by December 19, 2014.

Proposal Submission:
Please submit your proposal online at: [https://stanfordmedicine.qualtrics.com/SE/?SID=SV_3E6u0GlfTgTlwYR](https://stanfordmedicine.qualtrics.com/SE/?SID=SV_3E6u0GlfTgTlwYR)

Applications must include the following information:
- A cover sheet that includes:
  - Title of proposal
  - PI name, title and department
  - Mentor name as co-PI (if applicable) and co-investigator names and departments
  - Amount of funding requested
- Body of proposal (5-page limit)
  - Structured abstract, including aims, methods, and innovation
  - Research plan, including timeline
  - Problem statement (what need is this project addressing?)
  - Description of potential impact and likelihood of transition to independent funding
  - Description of interdisciplinary collaborations (if any)
  - Preliminary data (if any)

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• Budget and budget justification. Allowable expenditures include investigator’s salary, research personnel salaries, capital equipment (maximum $5,000), travel (if project-related), project supplies, and mailing costs. Other categories of expenditures may be allowed if they are clearly needed for the execution of the research project.

• NIH biosketches (4-page version) for PI and co-investigators

Questions?
For questions regarding the application process and requirements, contact the Spectrum Pilot Grant Program Manager: April Watson, aprilw@stanford.edu, or 650-497-7032. For questions regarding the scope of the proposal, criteria for awards or the review process, contact Dr. Lorene Nelson, lnelson@stanford.edu or 650-723-6854.

Special Note:
Some applicants may have already submitted a seed grant proposal for the Spectrum seed grant deadline (September 30, 2014) that addressed one or more topics that are appropriate for this RFP. The application process is identical and the same review committee will review grants for both RFPS, therefore, previous Spectrum seed grant applicants need only send an e-mail to Linda Walker (lswalker@stanford.edu) with their name and title of the application to have their previous submission be considered for this RFP (if appropriate). Only one application will be accepted from each PI, therefore, if a duplicate proposal is submitted for the new deadline (November 17) on the new website, only the latest submission will be accepted for review.
Spectrum Pilot Grant Program: Policies and Procedures

Spectrum, the Stanford Center for Clinical and Translational Research and Education, is a Stanford independent center supported, in part, by the National Institutes of Health Clinical and Translational Science Award (CTSA) and supplemented with funds from the Office of the Dean (School of Medicine) and the Stanford Health Care Innovation Challenge. To that end, it is important that all Spectrum Pilot Grant awardees adhere to the following policies and procedures:

1. **Study Navigator Registration**
   Study Navigator (http://spectrum.stanford.edu/studynavigator) is a web-based research project database designed to streamline the management of clinical and translational research studies funded by Spectrum. Study Navigator is a tool that supports the investigator in various ways, including online requests for research coordinator support, and biostatistics, bioinformatics and bioethics consultations.

2. **Project Documentation**
   In order to receive grant funds once a project is awarded, each project must submit an IRB or APLAC approval number, or provide confirmation of non-human/non-animal subjects determination. In addition, a detailed final budget must be submitted to April Watson at aprilw@stanford.edu. Projects are expected to be initiated in January 2015, after submission of all required compliance documents.

3. **Accurate Compliance with Stanford Regulatory, Financial and Conflict-of-Interest Policies.** Awardees must be in compliance with all aspects of Stanford institutional policies for human subjects and animal research (IRB/APLAC) approvals; conflict-of-interest (COI) disclosure forms; and NIH/federal policies for allowable and allocable costs.
   - For all research that involves human subjects, award recipients must complete the Stanford human subjects tutorial and receive human subjects approval or provide confirmation of non-human subjects determination.
   - Project protocols should be submitted to the Stanford IRB as soon as possible after notification of the grant award is received. For more information on IRB protocol submission, please visit http://humansubjects.stanford.edu.
   - Once investigators are notified of approval/exemption, the study protocol ID# and date of approval/exemption should be emailed to April Watson at aprilw@stanford.edu.
   - If required, project investigators and their research staff must complete HIPAA (Health Insurance Portability and Accountability Act) training online.
   - Inventions created with grant funds must be disclosed to Stanford’s Office of Technology Licensing.
   - Grant funds will not be used to purchase capital equipment costing more than $5,000 or food.

4. **Grants Management**
   PIs are required to maintain regular communication with Linda Walker (program manager; see contact information above) in order to review grant-related issues such as flow of funds, resource allocation and preparation of progress reports.

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5. Progress Reports
A written progress report is due on February 1, 2016 to the Spectrum Program Manager and the PHS Program Manager (see contact information above). Grantees may be contacted for further updates for up to 5 years following the award end date. Typical metrics include publications, presentations, patents, community partnerships, trainee career development, submitted grants and any external funding resulting from this award. Grantees should communicate in a timely manner about presentations, publications, grant applications and other notable outcomes. Grantees should continue to report such outcomes as a result of their work even after the end of the award period.

6. Presentation at the Spectrum Annual Research Symposium
All investigators will present their work at the Spectrum Annual Research Symposium to take place autumn 2015.

7. Acknowledgement of Research Support
Grantees must acknowledge the research support of the Stanford Health Care Innovation Challenge and the Spectrum Clinical and Translational Science Award in all communications – including publications, presentations, newsletters and abstracts. Suggested boilerplate text is: “This work was supported by the Stanford Health Care Innovation Challenge and the Stanford Clinical and Translational Science Award (CTSA) to Spectrum (UL1 TR001085). The CTSA program is led by the National Center for Advancing Translational Sciences (NCATS) at the National Institutes of Health (NIH). The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIH.” Spectrum is unable to offer future funding support for grantees that fail to acknowledge CTSA grant support in the aforementioned manner.

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