New Grant Opportunity - Call for Applications

DOM Innovation Pilot Grant 2016

Department of Medicine Innovation Program

Massachusetts General Hospital-Partners

The Department of Medicine Innovation Program (MIP) is an initiative within the DOM charged with accelerating the development and introduction of broadly applicable innovative ideas and cost effective technologies into the patient/provider community both within and outside of the MGH - including IT, care delivery to device/drug approaches. The group works to develop an active community that supports grass roots innovation, incubation and development of winning ideas and impactful products for our patients.

Call for applications: MIP calls for applications that clearly move an existing project along a defined path from idea to working solution. Successful projects will include those for whom grant funding will take the project to clear proof of concept, making the solution ready for local deployment and use or for partnering with an outside entity for continued support. Applications must focus on significant patient/provider needs, propose practical and cost effective approaches, and contain clear deliverables and timelines.

Successful projects must have a demonstrable model for how this work improves the quality and/or efficiency of patient care or the patient experience.

Applicants to last year’s RFP that have made significant interval progress on their project are encouraged to re-apply.

The 2016 RFP is looking for projects in 4 broad categories:

1. General Innovation: Any project that has the potential to improve the way we deliver patient care. The project may be a process, device, research application, or drug that is underdevelopment. The winning applicant must describe how grant dollars and resource support from MIP will move the project forward towards a sustainable enterprise. Specific subcategories and requirements include:

   Process: Any process under development that through its further refinement, implementation or adoption can improve the process of care for MGH patients. The team leader for the process innovation must have clinical or administrative duties in the area in which the process is to be applied.

   Device/Technology/IT: Any device, technology or IT application currently under development that with MIP funding could move to proof of concept development. For any application with requiring testing on human subjects, an approved IND and/or IRB when appropriate must be in place at the time of the grant award. Any intellectual property related to the device or technology must be owned solely or in part by Partners Healthcare.

   Drug: Any drug currently under development, that through MIP funding could move closer to commercialization and external partnering. If funds are to be used for clinical trials, an approved IND
2. Transformation of General Medicine/Primary Care:
The DOM Innovation Program is partnering with the Division of General Internal Medicine in soliciting novel ideas that can transform the delivery of general medical care, ranging from prevention, early detection/screening, to management of acute medical illnesses. Applications may be focused on ideas based in the primary care clinic or on the general medicine hospital units. In particular, ideas that expand the development of a previously successful sub-specialty application or new technology into the domain of general medicine are encouraged to apply.

3. Vaccines and Vaccine Related Immunotherapies: The DOM Innovation Program is partnering with the Vaccine and Immunotherapy Center (VIC) in soliciting proposals for transformational agents (vaccines, drugs or devices) that modulate and augment immune responses to infectious diseases and cancer. VIC supports and accelerates the development of broadly applicable vaccines and immunotherapies and has a track record in taking new products in this field from bench to bedside.

4. Digital Health Applications:
The DOM Innovation Program is partnering with the MGH Healthcare Transformation lab in identifying promising ideas in digital health. This path seeks to support ideas that will apply modern digital technologies to improve an aspect of healthcare. Digital health tools include (but are not limited to) the web, mobile devices and applications, patient facing devices used in the home, data analytics and wearables. In addition to building novel technology, applications that augment existing technologies to meet an unmet need encouraged to apply.

Eligibility: Any member of the MGH Department of Medicine may apply. Multi-departmental or cross institutional teams are welcome to apply, however the team leader must be from the MGH DOM. If the project has trainee involvement, the PI must be a member of MGH faculty.

Funds available: $30,000 maximum per award. Monies will be given as needed as defined by the project but are not to include FTE support.

Up to 3 awards will be made in 2016. Based on success, progress, deliverables, significance, pilot projects may be eligible to apply for subsequent support.

Application Process:
Applications will be solicited in mid January and triaged by the membership of the Innovation Program to a series of finalists. All finalists will be invited to present their concepts in person to the group for feedback and selection of the winning ideas.

Application Announcement: Tuesday, January 19, 2016
Application deadline: 5 pm, Monday February 29th, 2016
Selected Finalists Invited to Present to DOM Innovation Program: Spring 2016
Awards Announced: Spring 2016
Application requirements

3 page (maximum) application (12 point Times New Roman font with 0.5 inch margins). Must include the following sections:

- Project Title
- Project domain (may choose more than one): general innovation, primary care/general medicine, digital health or vaccine immunotherapy
- Project leader and contact information
- Institution, Department
- Team Members
- Current institutional, grant or private industry support for project if any
- Abstract (200 word maximum; understandable to general audience)
- Specific aims and deliverable(s) for 12 month project period
- Background and Significance
- Preliminary results (if applicable)
- Timeline, milestones
- Intellectual property (if applicable)
- Budget (if more than 30,000 are needed for this project, please outline how these monies will be used to move the project forward overall)
- If successful, describe next steps in development plan

Applications must be submitted electronically as a single pdf document (see below).

Selection: Projects will be selected based on impact, significance, investigative team and environment, innovation, approach, deliverables, time-line, and the ability to move a potential idea forward along a clearly defined development pathway. Selected projects must meet all pertinent institutional requirements (biosafety, animal approval, IRB approval; if applicable) prior to issuance of award. When applicable, PIs must meet with representatives of the MGH-Partners licensing office and the DOM Innovation Program to discuss development plans and potential partnerships prior to issuance of award.

Finally, the DOM Innovation Program will include a mentoring/networking component to this program in which assistance will be offered to the PI’s team to assist in the acceleration of the development and commercialization of supported technologies.

Applications must be submitted electronically as a single PDF document to the e-mail address:

medicineinnovationprogram@partners.org

For more information please contact Christiana Iyasere, MD, MBA or Mark Poznansky, MD, PhD; co-chairs Medicine Innovation Program at:

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