Transdisciplinary Awards Program in Translational Medicine and Therapeutics (TAPITMAT)
Program in Incentive Based Translational Science (IBTS)

"Using Remote Monitoring Technologies to Improve Patient Health Outcomes"

Submission Requirements

Guidelines

- The proposal must center on novel approaches to testing and delivering interventions for people at high risk for poor health outcomes. We are seeking pilot projects that utilize remote monitoring technologies (e.g, wearable devices, wireless pill bottles, weight scales, etc.) with engagement strategies from fields like behavioral economics to translate ideas into practice in 'real world' settings. We are particularly interested in projects that utilize these technologies to help us better understand variability of response to therapeutics and susceptibility to disease.
    - Project examples include: Improving management of diabetic patients; Reducing readmissions from patients discharged from the hospital; Improved management of high blood pressure; Weight loss among high risk patients; Physical activity among surgical patients; Increasing adherence to evidence-based vaccines; Avoiding unnecessary clinic or emergency department visits
    - These are some examples and not an exhaustive list. The RFA is open to any proposals where remote monitoring technologies and behavioral science can improve clinical outcomes.
- Proposals *must* utilize the Way to Health platform. Way to Health is an integrated research platform that integrates information from wireless technologies, communications tools, and other applications to allow investigators to test ways of improving health behaviors and helping people keep on track to better health. Please contact Lisa Wesby wesby@mail.med.upenn.edu to schedule a meeting to discuss your research project and to obtain information about the Way to Health platform. We will provide the Way to Health platform free of charge for funded grantees provided you use existing functionalities (see attached for further information). We will provide website development and maintenance as well as project management of the Way to Health site. However, projects requiring the development of new platform functionality will be required to pay the incremental costs.
- TAPITMAT/IBTS grants are available to registered members of the Institute for Translational Medicine and Therapeutics (ITMAT) including Associate Members who hold Instructor A or Research Associate positions. You can register to become a member at http://www.itmat.upenn.edu/membership.shtml
- Proposals must have at least two Co-Principal Investigators, ideally from different disciplines within the University of Pennsylvania. Novel collaborative applications between faculty located in different Schools at Penn are encouraged.
- All proposals are due by **March 16, 2016 at noon** for a project start date of **June 1, 2016. *LATE SUBMISSIONS WILL NOT BE ACCEPTED NOR WILL EXTENSIONS BE GRANTED.***

Required Documents

- **Submission:** Please submit online at www.med.upenn.edu/apps/itmat/pg. *PLEASE ENSURE THAT YOU CHOOSE THE TAPITMAT GRANT PROGRAM WHEN SUBMITTING YOUR GRANT.* Please refer to Document Submission Section for specific instructions related to this system.
- **Abstract Page:** The abstract text should be no longer than 250 words.
- **Budget:** Please use the excel template budget page and provide detailed expenses.

- **Budget Justification:** Please provide a short justification for all personnel, supplies, and equipment that will be expensed to this project. Please provide a distinct justification if resources are to be spent on services provided from outside Penn.
- **NIH Biosketch:** An NIH format biosketch must be submitted for the *PI and the Co-PIs only*. The new biosketch format is not required. Do not submit additional biosketches.
- **Research Proposal:** The research proposal should be no longer than two single-spaced pages with one-inch margins and should include the essential background information relative to the project. Please use Arial size 11 font. Please indicate the importance of this funding to the feasibility of your research proposal and potential for future funding. Please indicate if any other funds are available to you for the proposed research. Since we will prioritize funding projects done in Penn Medicine clinical settings, it will be important to identify a clinical operations leader from UPHS or CHOP who will partner with you on your project. References should be attached to your research proposal and will not count toward your two page limit. *NO OTHER SUPPORTING DOCUMENTATION WILL BE CONSIDERED.*
- Copies of **IRB approval letters** will be required if an application is funded. Funding will be delayed until these approval documents are received.

Budget Guidelines
- Budgets in the range of $40,000-50,0000 will be funded in direct costs for a maximum duration of 1 year beginning on June 1, 2016. Indirect costs should not be included as these pilots funded are considered institutional (internal) grants. We expect to fund approximately 4-5 pilots through this initiative.
- Budgets must be submitted on approved excel template.
- Please refer to the attached document which describes Way to Health functionality as well as a price list for the most commonly used devices.
- The free use of the Way to Health platform is for one year from the start of the grant period (e.g., June 1, 2016). If grants extend beyond the 12 month period, additional charges may be incurred.
- While the pilot program supports WTH website development, maintenance and project management, it does not include the research staff to run the projects on the platform.
- Include the cost of devices and any participant incentives in their project budgets.
- Name, title/role, percent effort, salary, and benefits must be defined in the budget for each grant participant. There is no salary cap limit since is funding is from a non-grant source.
- Supplies should be detailed by type and number in the budget and the budget justification.
- Equipment expenditures and service contracts should be detailed in the budget and budget justification. Please keep in mind that equipment is defined as any item costing more than $5,000 with an estimated useful life greater than one year.

Other
- Any publications that are the direct result of this funding must reference:
    - **"Supported in part by the Institute for Translational Medicine and Therapeutics of the Perelman School of Medicine at the University of Pennsylvania."**
    - **"Research reported in this publication was supported by the National Center for Advancing Translational Sciences of the National Institutes of Health under Award Number UL1TR000003. The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIH."**
    - **Please refer to the Way to Health Platform in the methods section of the manuscript.**
- A progress report will be requested every year for 4 years so that we can track the success of supporting projects that result in the receipt of a grant, publication, or technology transfer. These summaries should be

uploaded to ITMAT's Pilot Grant System at www.med.upenn.edu/apps/itmat/pg. You will need your PennKey logon and password to access this system.

- **You will be prohibited from applying for ITMAT pilot funding if you do not reference the funding support on publications and if you do not submit progress reports.**

Document Submission
All applications should be submitted via ITMAT's Pilot Grant System at www.med.upenn.edu/apps/itmat/pg.
PLEASE ENSURE THAT YOU CHOOSE THE IBTS GRANT PROGRAM WHEN SUBMITTING YOUR GRANT PROGRAM.
You will need your PennKey logon and password to access this system. If you do not have a PennKey, obtaining one will take at least 48 hours so do not wait until the last minute. We will not accept applications late because of this. Once you start an application, you can proxy someone (grants manager, post doc, etc.) to finish it for you.

- Each investigator and Co-Investigator must be an ITMAT member.
- Each Investigator and Co-Investigator must have the approval of their respective Business Administrator.
- *Penn Faculty should select the Business Administrator or Grants Manager that normally signs off on all of their research proposals.*
- *CHOP Faculty* must select Berenice Saxon, Michael Campbell, Prema Sundaram, or Robert DeNight as their Business Administrator. *PLEASE ONLY CHOOSE ONE.*
- *Wistar Faculty* must select Jessica Blodgett as their Business Administrator.
- *University of the Sciences Faculty* must select Sarah Robertson as their Business Administrator.
- If your grants are managed by a division within the *Department of Medicine, please select Susan Wahl as your Business Administrator.* She will coordinate divisional/departmental approval.
- *Please ensure that the documents you upload are the final documents. ITMAT will not update or replace files. This means that prior to hitting the submit button, all documents must be final.*
- When contacting the ITMAT business office, please use the same discretion you would employ if contacting an external sponsor.
- Please ensure that you have liaised with all of the Co-Investigators on your application. This will avoid proposals being rejected by their Business Administrator.
- All documents must be uploaded by *noon* on the due date of the proposal to ensure time for all approvals. All approvals must be completed by *5 pm* on the due date. *We suggest you do not wait until noon to start uploading documents.*
- Once all approvals are completed, the grant will be received by ITMAT.

Application or Funding Questions
For programmatic or budget questions please contact Joelle Friedman, Associate Director of the LDI Center for Health Incentives and Behavioral Economics (CHIBE), at joellef@mail.med.upenn.edu.

For technical questions related to completing the online application please contact Jessica Bickhart, bickhart@exchange.upenn.edu or Jason Molli, molli@exchange.upenn.edu