

## HUMAN PHENOMIC SCIENCE Submission Requirements

### Guidelines

- Grants to support research that avails of the facilities of the Center for Human Phenomic Science (CHPS) are available to registered members of the Institute for Translational Medicine and Therapeutics and the Abramson Cancer Center as well as Associate Members who hold Instructor A or Research Associate positions.
- Examples of the types of such research include (i) deep phenotyping studies designed to parse variability of response to therapeutic interventions; (ii) deep phenotyping n=1 studies of patients receiving investigative drugs on the basis of compassionate use; (iii) studies that interrogate multi-system disease to determine individual susceptibility such as cardiac complications of chemotherapeutic agents; (iv) studies that elucidate how environmental perturbations influence drug response such as studies of chronopharmacology or drug – diet interactions and (v) studies of multimodal combinatorial therapies.
- All proposals are due by **April 30, 2020 at noon** for a project start date of **June 1, 2020**.  
***LATE SUBMISSIONS WILL NOT BE ACCEPTED NOR WILL EXTENSIONS BE GRANTED. IT IS SUGGESTED THAT YOU DO NOT WAIT UNTIL CLOSE TO NOON TO UPLOAD THE DOCUMENTS.***

### Required Documents

- **Proposal Submission Form:** This form is no longer required as approvals are accepted electronically utilizing ITMAT's Pilot Grant System, which can be found at [www.med.upenn.edu/apps/itmat/pg](http://www.med.upenn.edu/apps/itmat/pg).
- ***PLEASE ENSURE THAT YOU CHOOSE THE HUMAN PHENOMIC SCIENCE GRANT PROGRAM WHEN SUBMITTING YOUR GRANT.***
- **Abstract Page:** The abstract page 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. Keep in mind these monies are being awarded via non-grant funds. If you plan to support graduate students, you will not receive Provost Subvention.
- **NIH Biosketch:** An NIH format biosketch must be submitted for the PI and the Co-PIs only.
- **Research Proposal:** The research proposal shall 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 11 font. Please indicate the importance of this funding to the feasibility of your research proposal. Please indicate if any other funds are available to you for the proposed research. 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 and IACUC approval letters** will be required if an award is funded. Funding will be delayed until these approval documents are received.

### Budget Guidelines

- A total of \$400,000 is available to support this call contributed equally by ITMAT, the Center for Precision Medicine, the Abramson Cancer Center and the Department of Radiology. It is hoped to make 1 – 4 awards depending on the quality of the science and the requested budgets. These awards will be for a minimum duration of 1 year and a maximum duration of 2 years. There is no F&A on this award.
- Budgets must be submitted on approved excel template.
- Name, title/role, percent effort, salary, and benefits must be defined in the budget for each grant participant.
- Supplies should be detailed by type and number in the budget and the budget justification.

- If applicable, animals should be detailed by quantity required, cost, and per diem in the budget and 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, The Abramson Cancer Center, the Penn Center for Precision Medicine, and Department of Radiology of the University of Pennsylvania Perelman School of Medicine.”**
  - **“Research reported in this publication was supported by the National Center for Advancing Translational Sciences of the National Institutes of Health under award number UL1TR001878. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.”**
- 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](http://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](http://www.med.upenn.edu/apps/itmat/pg). **PLEASE ENSURE THAT YOU CHOOSE THE “HUMAN PHENOMICS SCIENCE” GRANT PROGRAM WHEN SUBMITTING YOUR GRANT PROGRAM.** You will need your PennKey logon and password to access this system. This takes at least 48 hours so do not wait until the last minute. We will not accept applications late because of this.

- 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 Michael Campbell, Raylanda King, or Prema Sundaram 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.
- **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. **THERE WILL BE NO EXCEPTIONS. 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

Please direct any questions to Andrea Albelda, [aalbelda@penntranslationalmedicine.upenn.edu](mailto:aalbelda@penntranslationalmedicine.upenn.edu), or Charles Molli, [cmolli@upenn.edu](mailto:cmolli@upenn.edu).