

JUNIOR INVESTIGATOR PRELIMINARY/FEASIBILITY GRANT PROGRAM (JIPGP)
UNIVERSITY OF PENNSYLVANIA & CHILDREN'S HOSPITAL OF PHILADELPHIA
CLINICAL TRANSLATIONAL SCIENCE AWARD
CLINICAL & TRANSLATIONAL RESEARCH CENTER (CTRC) AND
CENTER FOR HUMAN PHENOMIC SCIENCE (CHPS)
SUBMISSION REQUIREMENTS

PURPOSE:

The primary goal of the Junior Investigator Preliminary/Feasibility Grant Program (JIPGP) is to encourage junior investigators to develop research projects that will ultimately lead to extramural funding and to a career in clinical and/or translational research. The JIPGP awards are designed to allow junior faculty members and M.D., Ph.D., and D.M.D. post-doctoral trainees with appropriate mentors to perform investigator-initiated, human-based, studies in the CTRC/CHPS. Projects should address CTSA themes of multidisciplinary research, translational research, and research across the age spectrum. It is anticipated that the award will lead to a competitive extramural grant application (such as an NIH K or R grant). The award is \$20,000 over one or two years in addition to subsidized CTRC services.

GUIDELINES:

Applicant Requirements:

- Be an Assistant Professor (full time faculty), Instructor or postdoctoral fellow at the time of the award. Postdoctoral fellows must hold a doctoral degree from an accredited institution. Preference will be given to postdoctoral fellows who have an offer for a faculty position with protected time for clinical research. If the applicant is a resident, residency must be completed at the time the award is initiated.
- Hold a doctoral degree from an accredited institution.
- Have completed training no more than five (5) years before application, or be in an approved fellowship-training program. If the project is a change in emphasis for an applicant who completed training more than five years prior to applying, the applicant must obtain approval from the CTRC/CHPS Associate Directors, Lorraine Katz, MD (CHOP) or Nalaka Gooneratne, MD (UPENN), for approval to submit a proposal.
- May not have been a principal investigator on an individual K- or R- award (excluding R03 or R21) NIH funding prior to the start date of the JIPGP. Applicants must provide NIH-formatted Other Support pages listing all current and pending research funding. An applicant with current institutional K (such as a K12), foundation, or industry support is eligible for the JIPGP provided that there is no budgetary overlap with the funded research. There may be project overlap. Please include the project budget for projects with project overlap with the JIPGP application and upload with required budgets as merged documents.
- Previous JIPGP awardees can apply for funding of a new project.

Proposal Requirements:

- Applications must be submitted electronically **by March 3, 2017 at NOON** for a project start date of June 1, 2017. Late submissions – including letters of recommendation or biosketches - will not be accepted nor will extensions be granted.
- The proposal should clearly delineate the proposed use of CTRC/CHPS services which can be found on the [ITMAT website](#) (Studies must involve **human subjects** and must propose to utilize the **CTRC major core areas of service** for subject interventions or assessments. Biostatistical support only, informatics support only, or sample only studies without the use of a major CTRC/CHPS Core Unit or in which the only subject intervention is a questionnaire or sample analysis will not be accepted. Please contact Dr. Katz at CHOP and Dr. Gooneratne at UPENN if you have any questions regarding adequate usage of CTRC core services.
- Studies should be designed to collect pilot or preliminary data with clear presentation of how results would be used for extramural funding applications.
- One proposal is allowed per investigator per year.

- It is strongly recommended that each proposal is reviewed by a statistician prior to submission. A CTSA statistician can be used if the candidate does not have access to a statistician for guidance. Use this link for contact information for [CTSA statisticians](#)
- **If this proposal is to fund an existing CTRC/CHPS or IRB protocol, address in the proposal whether the existing protocol was initiated by the JIPGP applicant or mentor.** Proposals to support or supplement existing protocols that have been initiated by the mentor or that are beyond the initial study recruitment target must be discussed with the appropriate Associate Director, Dr. Katz (CHOP) or Gooneratne (UPENN). If this is an existing CTRC/CHPS or IRB protocol, a copy of the IRB approval letter must be submitted.

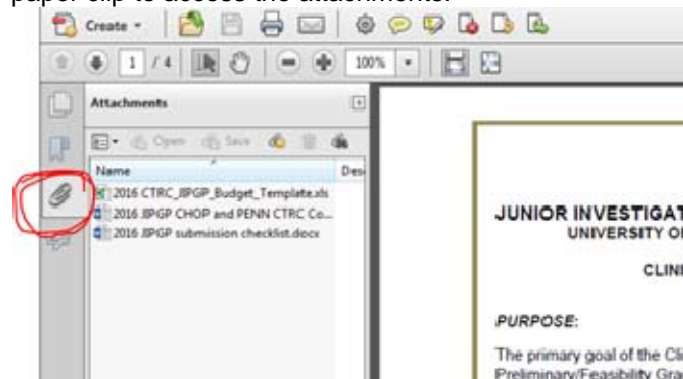
Post Award Requirements:

- The local IRB and CTRC/CHPS Review Committees must approve the project before funds can be awarded.
- Awarded JIPGP protocols submitted to the IRB and CTRC/CHPS must reflect the same aims, goals, sample size and use of resources as initially submitted in the JIPGP proposal. **Do not add or increase resources or change aims without prior approval by the CTRC/CHPS program directors.** If the proposal is to support/supplement an existing IRB approved study, the awarded JIPGP project should be written as a new unique submission to the IRB and CTRC/CHPS.
- Any resulting publications in peer-reviewed journals must acknowledge the support of the CTSA grant as follows: "The project described was supported by Grant Number UL1TR001878 from the National Center for Advancing Translational Sciences, National Institutes of Health; the content is solely the responsibility of the authors and does not necessarily represent the official views of the NIH". In addition, if support is provided by other grants or centers, that specific citation should be included (contact the relevant program for citation content). Copies of publications should be sent to the appropriate administrative manager.
 - All publications utilizing CTSA/CTRC resources must have a Pub Med Central (PMC) ID number when applicable. Please arrange for PMC submission at the time your manuscript is accepted by the journal via the NIH Manuscript Submission System at <http://nihms.nih.gov/db/sub.cgi>
- JIPGP awardees are required to provide annual progress reports. Awardees will receive an automated notification from the ITMAT pilot grants system.

Required Documents:

Proposal Submission: Submit the JIPGP application electronically utilizing ITMAT's PILOT GRANT SYSTEM which can be found at: www.med.upenn.edu/apps/itmat/pg ; Please refer to the Document Submission section for specific instructions related to this system. A PENN Key is required.

JIPGP submission documents are attached to the 2017 JIPGP Guidelines Submission Instruction PDF file. When you open the PDF, on the left side of the document, there is a paper clip icon. Click on the paper clip to access the attachments.



- **CTRC Resource Request Checklist (attached)**
- **Abstract Page:** The abstract page should be no longer than 250 words.

- **Budget:** Please use the excel template budget page and provide detailed expenses. Investigators requesting a 2-year award should submit budgets for Year 1 and Year 2.
- **Budget Justification:** Please provide a short justification for all personnel, supplies, and equipment that will be expensed to this project. Please provide a justification for each service performed outside the CTRC/CHPS for which JIPGP funds are budgeted.
- **NIH Biosketch:** An NIH format biosketch must be submitted for the **applicant and his/her mentor**. See form and instructions at <http://grants.nih.gov/grants/funding/phs398/phs398.html>
- **NIH Other Support page for the applicant.** See sample form at <http://grants.nih.gov/grants/funding/phs398/othersupport.doc>
- **Research Proposal:** Maximum of three single-spaced pages The description of the project should include a brief background, hypothesis, subjects, methods, analysis and study feasibility and recruitment sections as well as a paragraph on how you plan to use the resources of the CTRC/CHPS. **Your proposal must clearly indicate which CTRC/CHPS resources you wish to utilize.** Please indicate the importance of this funding on the successful implementation of your research proposal, as well as the feasibility of completing this project within one to two years. Appendix material is not allowed. **Please use 1 inch margins and a font of Arial 11.**
- **References:** Scientific literature references should be uploaded separately and will not count toward your three page proposal limit.
- **Mentor's Support Letter:** A letter from a senior faculty member who agrees to serve as a research mentor for the project. This letter should be a minimum of one page and maximum of two pages and should include:
 - An outline of the resources available to the applicant,
 - Protected time for research,
 - A clear plan for candidate's career development,
 - Candidate's current academic appointment,
 - Candidate's future academic plans,
 - Discussion of institutional commitment. If the candidate is a fellow, a clear plan for participation in clinical research post-fellowship should be given.

Budget Guidelines:

- The required Resource Checklist identifies which services are free to awardees.
- Maximum allowable expenditures for other costs are \$20,000 in total (whether the proposal is 1 or 2 years) for a minimum duration of 1 year and a maximum duration of 2 years.
- Examples of JIPGP fund budget items include purchase of research supplies, core lab assays, subject recruitment expenses, travel expenses to one scientific meeting to present study results, and salary support for awardee and/or study staff.

OTHER JIPGP PROGRAM INFORMATION:

- The JIPGP awards are in partnership with the NIH Clinical and Translational Science Award (CTSA), the Institute for Translational Medicine and Therapeutics (ITMAT), and The Children's Hospital of Philadelphia (CHOP) Research Institute.
- Please discuss and plan your CTRC/CHPS services and JIPGP budget with the appropriate institutional administrative manager (contact information listed below). A summary of CTRC/CHPS services can be found at ITMAT and the required Resource Checklist attached identifies which services are free to awardees.
- If there is a delay in study initiation and or recruitment, a one-year, no-cost extension can be requested after the initial period of funding.
- **Evaluation of proposals:** Applications will be reviewed by the CTRC/CHPS JIPGP Review Committee and scored on the basis of:
 - Originality and scientific merit,
 - Potential for publishable data and for future funding,
 - Qualifications of applicant and mentor,
 - Use of CTRC resources,

- Subject Recruitment and Feasibility – ability to recruit subjects and the potential to complete the study within a 1 to 2 year time frame,
 - Addressing CTSA themes: multidisciplinary research, translational research and research across age groups,
 - All protocols are reviewed and discussed using an NIH review format. Protocols will be reviewed to ensure scientific validity and maximal patient safety. Applicants will receive a written critique.
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|-----------------------|-------------------------------------|-----------------------------------|
| • Award Dates: | Application Receipt Deadline | March 3, 2017 at NOON |
| | ▪ Notification of Award: | April 17, 2017 |
| | ▪ Funding Period: | June 1, 2017- May 31, 2018 |

For questions, contact your local CTRC Administrative Director:

PENN: Charlie Molli at Tel: 215-898-7335 Email: cmolli@exchange.upenn.edu

CHOP: Veronica Kain at Tel 215-590-2215 Email: kainv@email.chop.edu

Document Submission:

Both CHOP and PENN applicants will need a PennKey logon and password to access this system. Please note that PennKeys cannot be processed without social security numbers. Also, it takes a few days for the PennKeys to be activated. Please plan accordingly and request in advance to ensure that you can submit your proposal.

PENN STAFF: If you do not have a PennKey, please go to the URL below and print out/complete the sponsorship form. <http://www.med.upenn.edu/pmacs/assets/user-content/documents/itmat.pdf>. Fax completed form to 215-573-9135.

CHOP STAFF: Go to [CHOP PennKey Administration](#) on the CHOP Research intranet

PENN Submissions: PENN Investigators must select the BA that signs off on their grants for approval. Grants will be received once the BA has approved them. UPENN proposals are NOT routed through the institution's electronic grant system.

CHOP Submissions: Investigators are required to simultaneously submit the JIPGP application on the ITMAT site and CHOP's Sponsored Projects electronic submission: eSPA. An official price request via eTRACK system is NOT required but you must contact Veronica Kain for estimate prices if your proposal will include any costs for hospital based tests/services or costs such as Core (TCL) labs. The eSPA grant submission will be an abbreviated application. For ease of submission to eSPA, you may merge all of the JIPGP documents into one PDF. Go to the [eSPA login page](#) to start the grant submission: Contact your Sponsored Project Officer for assistance.

Other Helpful Hints:

The Applicant for the proposal should log in at www.med.upenn.edu/apps/itmat/pg

- **Project Title:** Title is limited to 500 characters
- **Funding Program:** Choose the appropriate funding mechanism, **JIPGP**
- **Business Administrator:** Click "Select BA" and then search by name for the business administrator who normally signs off on your grants and select. Please note you should limit co-investigators to maximum of two mentors because BA approval is needed for each investigator listed, which can cause delays in the approval process. For CHOP applicants, please select Robert DeNight, Prema Sundaram, Michael Campbell, or Berenice Saxon.
- **Personnel:** Click the "Add another investigator" button for each mentor, then click the "select investigator" link to search for them by name.

- **Mentor's Biosketch and Other Support:** Click the "plus" icon to upload mentor's Biosketch and Other Support for applicant as a separate document
- **Save and Continue Later:** Click the "Save and Continue Later" button if you are working on this proposal in stages.
- **Finalize and Submit:** Click the "Finalize and Submit" button only after you have uploaded all of your documents. You cannot make changes to your application after clicking this button. Note you do not have to upload your documents all at once - wait to click this button only after you have uploaded them all.