



Interprofessional Clinician Program (ICP) Award

GENERAL

The Interprofessional Clinician Program (ICP) Award provides non-faculty staff at Stanford Medicine Children's Health the opportunity to design, develop and implement a research study that advances and improves patient care outcomes.

Applicants may include staff from Patient Care Services, Child Life, Pharmacy, and Rehabilitation Services. Research projects should focus on novel approaches to improving clinical care for mothers, babies, and children.

TYPES of RESEARCH

- Research must be primarily related to maternal child health. "Child" refers to the expectant mother, oocyte, zygote, embryo, fetus, infant, child, and/or adolescent.
- Projects must be novel to the field and can be a continuation or expansion of the investigator's current research.
- The types of research eligible include, but are not limited to, clinical outcomes research, patient centered research, behavioral or qualitative research, and health services research.
- Examples of topics or research areas: 1) Practice changes and impact on outcomes; 2) Social Determinants of Health; 3) AI in the clinical setting; 4) Patient care models in the inpatient or outpatient settings; 5) Workforce wellness and resiliency

ELIGIBILITY

- All applicants must have been employed full-time at SMCH for a minimum of one year, working within Patient Care Services, Child Life, Pharmacy, or Rehabilitation Services. They are required to maintain full-time employment throughout the duration of the award.
 - Examples of non-faculty: Nurses, Nurse Practitioners, Physician Assistants, Respiratory Therapists, Clinical Nurse Specialists, Child Life Specialists, Pharmacists, and Social Workers
- All applicants must have, or plan on, having a focus on maternal child health research.
- Applicants must have a masters or doctoral degree.
- Faculty members in the School of Medicine (SOM), including physicians with academic appointments and postdocs working within the SOM, are not eligible to apply for the ICP award.

- If there is any planned extended leave, please take this into consideration before applying.

CATEGORIES

I. New Researcher

A 'New Researcher' is defined as an individual who has not led or been the first author on a published research study and has not served as a Principal Investigator (PI) or Project Director (PD) for a study. Category I applicants must identify an experienced researcher to serve as their mentor and as the PD/PI for the IRB submission when submitting the Letter of Intent.

- A mentor must hold an academic appointment and be capable of submitting an IRB at Stanford University. They must have documented experience in conducting research studies at Stanford, which can be demonstrated through publications, grant funding, or IRB-approved protocols.

II. Experienced Researcher

An 'Experienced Researcher' is an individual who has led at least one research study or has been the first author on one study. Experienced researchers must submit a Letter of Intent and identify someone who can serve as the PI/PD for the IRB protocol of their study.

AWARD

The ICP award offers recipients up to 200 hours in MCHRI Clinical Research Coordinator (CRC) services and provides up to 200 hours of protected time away from clinical duties through the Patient Care Services and/or the Department of Nursing Research and EBP per grant.

In addition, applicants may request funds for supplies up to \$5,000 to complete their project.

Submission and Award Limits

A single applicant may submit only one application per grant cycle. An investigator may not simultaneously hold more than one active ICP award of the same type.

Performance Period

The performance period is up to 18 months and the project proposed must be feasible within this time frame.

IRB Approval

IRB application is recommended to be submitted prior to the application submission deadline and the IRB review meeting date stated in the application. If there is an approval letter, it must be attached with the application. If

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awarded, the award cannot commence (fund transfer) without the IRB approval letter. For more information, please see: <http://humansubjects.stanford.edu/>

No-Cost Extensions (NCX)

If the project is not completed within 18 months due to *unforeseen* circumstances, a no-cost extension (NCX) of up to 6 additional months may be requested (total study period not to exceed 24 months). A progress update will be required at 18 months if a NCX is approved. Requests must be submitted at least thirty (30) days prior to the award end date. Requests are considered on a case-by-case basis. Not all requests are approved. Only one NCX is granted per project. Detailed instructions are available [here](#).

PRE-SUBMISSION REQUIREMENTS

MCHRI Resources

Consultations with all applicable MCHRI resources described in this section are required prior to submission at least 6-8 weeks before the deadline. For assistance with coordination of MCHRI and/or other Stanford resources, contact MCHRI Administration at mchri_admin@stanford.edu at least 6-8 weeks prior to submission deadline.

MCHRI Clinical Research Coordinator Services

The award offers up to 200 hours of MCHRI Clinical Research Coordinator (CRC) services to assist with tasks such as IRB applications, regulatory documents, subject identification, recruitment, enrollment, data collection, specimen handling, quality control, adverse event reporting, data entry, and regulatory oversight. A comprehensive list of CRC services can be found [here](#). All applicants must [submit a brief CRC intake form available here](#) at least 6-8 weeks prior to the full proposal submission. A consult will be scheduled to plan how to best use the 200 hours, providing a PDF summary. Any submissions without a CRC intake consultation will not be reviewed or may be asked to resubmit in the next cycle.

MCHRI Clinical Research Support Office (CRSO) for Patient Oriented Research at SMCH

Studies involving patients at Stanford Medicine Children's Health (SMCH) must contact CRSO *early in the study design phase* or at least 8 weeks prior to submission by emailing crso@stanfordchildrens.org to ensure hospital units involved can assess feasibility and resource requirements are taken into consideration, including hospital costs. Studies that would occur at SMCH without CRSO consultation will not be reviewed or may be asked to resubmit in the next cycle.

MCHRI-Funded QSU Biostatistical Support

A statistical analysis plan is required for all human-based studies and all projects requiring power calculations. Through our funded partnership with the Quantitative Sciences Unit (QSU), MCHRI grant applicants may request data sciences resources to support the success of their research project, the development of grant proposals, and implementation of funded projects. The QSU provides expertise in study design, database creation, data management and analysis. The QSU will hold office

hours for MCHRI applicants. Click [here](#) to submit a request directly to the QSU. Request QSU Office Hours at least 8 weeks in advance of the full proposal submission deadline. The QSU may not be able to accommodate Office Hours requests within the 8-week window.

REVIEW CRITERIA

Review is based on (1) relevance to maternal and child health:

- 1. Significance.* Does this study address an important [maternal and child health] problem? If the aims are achieved, how will scientific knowledge or clinical practice be advanced? What will be the effect of these studies on the concepts, methods, technologies, treatments, services, or preventions that drive this field?
- 2. Approach.* Are the conceptual or clinical framework, design, methods, and analyses adequately developed, well integrated, well-reasoned, and appropriate to the aims of the project? Does the applicant acknowledge potential problem areas and consider alternative tactics?
- 3. Innovation.* Is the project original and innovative? For example: Does it challenge existing paradigms or clinical practice or address an innovative hypothesis or critical barrier to progress in the field? Does the project develop or use novel concepts, approaches, methods, tools, or technologies?
- 4. Investigators.* Are the investigators appropriately trained and well suited to carry out this work? Is the work proposed appropriate to the experience level of the principal investigator and other researchers? Does the investigative team bring complementary and integrated expertise to the project (if applicable)?
- 5. Environment.* Does the scientific environment contribute to the probability of success? Do the studies benefit from unique features of the scientific environment or subject populations or use useful collaborative arrangements? Is there evidence of institutional support?

SELECTION PROCESS

Proposals are reviewed by the ICP Review Panel.

Successful proposals should demonstrate the potential to meet the following criteria:

- Produce abstracts, publications, or presentations resulting from the project.

Reviewer Comments

All applicants receive reviewer comments regardless of award.

AWARDEE RESPONSIBILITIES

The PI will take responsibility for the research idea, development methods, IRB approval, supervision and conduct of the study in addition to the following:

- A progress update will be due six months from the start of the award.

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- Submit a [Progress Report](#) within 12 months from the start of the award and a final report with 30 days of the award end date.
- Provide updates in all Progress Reports on funding status from external and/or internal sources.
- Acknowledge research support in all publications, abstracts, and presentations as follows:

"The project described in this publication was supported by the by the Stanford Maternal and Child Health Research Institute and the Stanford Medicine for Children's Health Interprofessional Clinicians Program."

Award recipients, who have not acknowledged their work, as indicated above, are not eligible for future awards sponsored by the MCHRI.

RESUBMISSION

Applicants not funded have the opportunity for one resubmission and are encouraged to work with the members of the Review Committee on revisions and/or suggestions for improvement. All requests must be submitted at least one month (4 weeks) prior to the application due date.

CONTACT

mchri_admin@stanford.edu or 650-724-0279