Goals

• Please keep in mind, this is new and we are all learning together!

• To support clinical staff nurses as principle investigators to lead teams to answer research questions, evaluate quality programs or discover innovative care.

• The teams will spend 6-12 months to conduct research, innovation or quality improvement programs in collaboration with Nurse Scholars, subject matter experts, mentors and leaders.

• The outcome of the inquiries will be to advance nursing science by sharing knowledge with presentations and published scholarship.
Eligibility

• You must be a registered nurse, in a staff nurse role, working at least 20 hours per week as a permanent benefits-eligible employee at TCH. Part-time nurses are encouraged to work collaboratively with a full-time nurse.
• Registered nurses currently enrolled in a doctoral program or at the post-doctoral level are not eligible yet are encouraged to be active team members.
• Team members **may** consist of clinical nurses, Clinical Specialists, APRN and other multidisciplinary healthcare professionals;
  • Each team **should** include a
    • Clinical staff nurse Principle Investigator (PI)
    • Nurse Scholar mentor
    • Subject matter expert as indicated.
    • Statistical support will be reviewed during the development process.
Nurse Scholar Mentor

• Each team is required to have a nurse scholar mentor to provide guidance and oversight, and to enhance the rigor of the investigation.
• The nurse scholar mentor must have a PhD or DNP; a team-based mentoring approach consisting of a PhD and DNP prepared nurse is encouraged.
• The mentor role is to ask probing questions, to provide guidance on how to answer research questions and rationale as to the depth and breadth of a project.
• The mentor is a key member of the team and is considered a contributor to every aspect of the project including authorship.
IRB and your proposal

- It is not necessary to have Institutional Review Board (IRB) approval prior to proposal submission.
- All funded proposals must be reviewed and approved by the IRB before the study is conducted.
- Additionally, participating in research studies requires the completion of the on-line educational program, the Collaborative Institutional Training Initiative (CITI) (http://www.citiprogram.org), prior to beginning the study and should be considered in the timeline.
- Please review the Clinical Scholarship Procedure in Policy Tech for additional guidance on research participation.
Timeline 2021

- **July 16, 2021 (5 pm):** Send letter of Intent with Nursing Director support, nurse's CV and mentor's CV to nursegrants@Texaschildrens.org
- **August 13, 2021 (5 pm):** Grant proposals due. Email online packet to nursegrants@Texaschildrens.org
- **August 27, 2021:** Preliminary feedback provided if revisions are needed.
- **September 10, 2021:** Revised proposal due with requested modifications (if any).
- **September 24, 2021:** Grant review process complete, proposals ranked, final recommendations for grant funding sent to CNO for approval.
- **October 13, 2021:** Grants awarded during Nursing Grand Rounds.
Letter of Intent content & attachments (1 page, emailed)

• Who you are and what your role is at TCH
• What your discovery or clinical inquiry question *may* be.
• What population does it influence
• What is the gap you *think* your study will contribute to.
• Who would be your potential team members
• Choose a Nurse Scholar mentor (guidelines attached)
• Director support: email short letter of support
  • Director guidelines: Nurse is in good standing, shows initiative, works well with others within and outside her work unit and shows promise to complete a study.
• Your CV
• Your Mentor’s CV
• The purpose of the letter is to prepare the teams. This is not the proposal.
Proposal: online format, prepare in word for editing

- This will not be perfect: focus on intent, vision, your nursing contribution and why your work matters!

- Cover page stating area of intent: inquiry, quality, innovation, team members and credentials/area of support/expertise. (500 words)
- Write this last - Abstract (300-word maximum/include word count after last line of abstract)
- Purpose/Specific Aims and objectives or hypotheses being tested (1 page)
- Background (identify gap in knowledge) and Significance (1000 words)
- Be cogent of what is known about the topic and what is not known, closing with the purpose of this proposal.
• Research Design including sample and sample size (500 words)
• EQUATOR CHECKLIST for chosen research design see https://www.equator-network.org
• Study procedures including study plan, measurement and data analysis (1500 words maximum)
  • For procedures write a numbered list of actions.
  • Measurement: if using a validated instrument, provide the original source, how it is measured and scored (note you need to validate if you need permission to use the instrument)
• Expected participant risks, discomforts and expected benefits (500 words)
• Recruitment (how, when, where, and by whom subjects will be recruited) and consent procedures how, when, where, and by whom subjects will be consented) (1000 words)
• Monitoring, quality assurance and plans for maintaining privacy and confidentiality (250 words page)
• Potential Contributions to Nursing, alignment with Nursing Strategic Plan goals and Dissemination Plan (500 words maximum)
• Reference list APA 7th edition format (max 20)
• Timeline, and roles and responsibilities of team members (500 words)

*Remember to be linear and cogent. Ensure you define the gap and how you think your study will inform the gap ~ it does not need to fill it!*
EQUATOR CHECKLIST for chosen research design

https://www.equator-network.org/

• Most peer review journals ask for this check list related to a research design
• SQUIRE is the format for quality improvement: the guide is very helpful in writing a proposal.
• Ensure you review the checklist with each design as that is what you will be asked to complete for publication.
Budget

- Grants will be funded up to $3000.00
- Money can be used for example:
  - Mailing lists from society membership to expand your study population
  - Remuneration for participants
  - Materials
  - Transcription as indicated
  - Conference support

- Resources at TCH
  - Research software can be downloaded for support
  - Statistical support
  - Time to conduct your study or project! This will be defined once we know the grant and the needs.
How are proposals reviewed?
Review committee appointed by the CNO

- Well stated background and significance and purpose.
- Well articulated gap and how the study will contribute to nursing knowledge
- Study population
- Methods: what will answer the research question
- Procedures are sound and protect human subjects as indicated.
- Timeline is aligned with procedures.
- The team is appropriate to research the topic
- Well written with references to current literature
- Well articulated alignment with the Nursing strategic plan
- 10 categories: 10 points each on 100 scale.
- *see rubric (will be posted with the grant application)
What happens if my proposal is chosen?

• Review with team and mentor on action items and start date
• IRB decision, application and approval as indicated
• Meetings with research team to establish advisement cadence
• Timeline for research time with PCM / ACD / Director
• Budget review