

Academic-Practice Partnerships Partnership Expectations and Outcome Metrics

| Partnership Goals | Activities | Outcomes |
|---|--|---|
| <p>Increase nurse-driven research within Children's Health</p> | <p>Children's Health APP co-leader identified TCU faculty lead identified</p> | <p>Bimonthly meetings</p> <p>Set initial goals and projects</p> <ul style="list-style-type: none"> • Focus on EBP, QI, implementation science & practice • TCU faculty attend monthly Culture of Clinical Inquiry meeting <p>Developed and implemented a process for matching faculty and nurse collaborators for mutual interest.</p> |
| | <p>Identify potential collaborative research ideas</p> <ul style="list-style-type: none"> • Clinical nurse driven-identified issues and questions • Faculty researcher driven- program of research | <p>PICU nurses and academic researchers</p> <ul style="list-style-type: none"> • CLABSI formative evaluation <p>ENT ambulatory care nurses and academic researcher</p> <ul style="list-style-type: none"> • Health Literacy CARE study • Patient education/Tonsil Texts QI project |
| | <p>Develop collaborative research teams</p> | <p>Ambulatory nurse champions and academic researcher</p> <ul style="list-style-type: none"> • Community of Practice study • HealthLitPro AI study <p>NICU nurses and academic researcher</p> <ul style="list-style-type: none"> • PICC line placement student <p>Pre-anesthesia nurses, APRNs, RN and DNP students and academic researcher</p> <ul style="list-style-type: none"> • Assessment of pre-operative anxiety • Inspire 2 nurse led QI projects <p>Airway CNS and academic researcher</p> <ul style="list-style-type: none"> • Decannulation risk assessment |

| | | |
|--|---|---|
| <p>Remove barriers to clinical research for TCU Nursing</p> | <p>Develop formal process for engaging in research at Children's Health</p> <ul style="list-style-type: none"> • Establish onboarding process for faculty researchers at Children's Health • Develop processes for TCU IRB and Children's Health PSA • Recruit and train student nurse research assistants • Identify and apply for funding sources at both TCU and Children's Health | <p>4 faculty onboarded at Children's Health (20% of tenure stream faculty)</p> <p>TCU is primary IRB for all Children's Health partnership research</p> <p>Recruited and onboarded 6 student nurse research assistants.</p> <p>7 joint grants submitted, 3 funded</p> |
| <p>Advance the scholarship of nursing</p> | <p>Academic researchers and nurses collaborate on all phases of research</p> <ul style="list-style-type: none"> • Conception • Design • Implementation • Analysis • Dissemination (abstracts & manuscripts) <p>Increase participation Children's Health nurses in TCU EBP fellowship, a year long hybrid in-person virtual program to develop, implement, and evaluate and EBP project</p> | <p>\$150,000 in external and internal funding</p> <p>19 presentations</p> <p>7 publications</p> <p>3 additional publications under review</p> <p>2 validated instruments</p> <p>Increase in participation in EBP fellowship from 3 to 12 nurses per year</p> |

| | | |
|--|---|---|
| <p>Improve pediatric clinical outcomes within Children's Health</p> | <p>PICU nurses and academic researchers CLABSI implementation science formative evaluation</p> | <p>Helene Fuld grant</p> <p>CLABSI ICU- Bundle compliance remained at 95% making a critical centerline shift that resulted in nurses adhering to the bundle. CLABSI rate remained stable and below goals.</p> |
| | <p>ENT ambulatory care nurses and academic researcher Health Literacy CARE study</p> | <p>Internal CCRAC grant</p> <p>Significant increase in parents reporting "always" receiving information in ways they understand</p> <ul style="list-style-type: none"> • Study results (55-96%) <p>Medicine instruction (74-96%)</p> |
| | <p>ENT nurse lead and academic researcher Patient Education & Tonsil Text QI project</p> | <p>Prevented 55 ED visits = \$78,000 savings</p> |
| | <p>Health literacy ambulatory care nurse champions and academic researcher <i>Virtual Community of Practice</i> <i>Implementation of Organizational Health Literacy: A Mixed Methods Study Using the i-PARIHS Framework</i></p> | <p>Significant improvements in use of plain language, limiting information to less than 3-5 key points, and providing clear, concrete health information. Teach back improved as well although was not statistically significant</p> |
| | <p>Health literacy champions/leaders and academic researchers in health literacy and computer science HealthLitPro AI study</p> | <p>Internal grant</p> |
| | <p>Airway CNS and academic researcher Decannulation Risk Assessment Tool</p> | |

| | |
|---|---|
| | Decreased unintentional decannulation average from .53 per 100 days (2023) to .43 per 100 days (2024). Greater than \$150,000 savings to hospital system |
| Nursing Environment Fit Index | All new registered nurse residency take assessment to help determine where within the hospital system to work that meets individual preferences impacting satisfaction and retention. |
| Pre-anesthesia nurses, APRNs, RN and DNP students and academic researcher <ul style="list-style-type: none"> Assessment of pre-operative anxiety | Significant disparity between English and Spanish-speaking families in terms of parent pre-anesthesia anxiety and feelings of preparation for anesthesia after the pre anesthesia visit. Significantly increased child-report anxiety on the day of the procedure versus the pre-anesthesia clinic visit, using a visual numeric zero to ten scale. This tool is not used routinely in our department at this time, but was easy to use in verbal children. |
| Quality Improvement | Peri-anesthesia team members do not use standardized anxiety assessment tools, need more information about these tools, and consider time constraints a barrier to completing a pre-anesthesia anxiety assessment. Follow-up QI project currently in development by a Children's Health peri-anesthesia RN/DNP student |
| Collaborate on innovation in pediatric health research through user-centered methodologies such as Design Thinking to develop solutions that improve clinical outcomes and advance nursing scholarship. | Faculty engagement began with participation in the initial workshop with hospital stakeholders, marking the first step in co-design efforts. |

