• Drs. Baird and Schweitzer have no conflicts of interest to disclose.

• Several of the programs and studies to be discussed have been funded by West Coast University.
Objectives

• **Articulate the need** for structures, processes, and financial support to foster interprofessional research activities in clinical settings.

• Describe the **key components** of a model to support interprofessional clinical research activities, including personnel, programming, and funding.

• Evaluate the **initial outcomes** of an innovative interprofessional research institute.
Institute of Medicine Roundtable on Evidence-Based Medicine (2009):

“We seek the development of a learning healthcare system that is designed to generate and apply the best evidence for the collaborative healthcare choices of each patient and provider; to drive the process of discovery as a natural outgrowth of patient care; and to ensure innovation, quality, safety, and value in health care.”

ANCC Commission on Magnet Recognition (2017):

“Magnet recognized organizations conscientiously integrate evidence-based practice and research into clinical and operational processes. Nurses are educated about evidence-based practice and research, enabling them to...generate new knowledge.”
Team Science

Consistent with efforts to increase interprofessional education

Opportunity for enhanced outcomes by leveraging the skills of a diverse group of clinicians working together to tackle significant and complex care delivery problems

https://www.nap.edu/catalog/19007/enhancing-the-effectiveness-of-team-science
Barriers to Research Engagement in Clinical Settings

- Gaps in education
- Lack of mentorship
- Lack of funding
- Limited or no protected time
- Siloed clinical practice
Institute for Nursing and Interprofessional Research

- The home for Clinical Services research at CHLA - interfaces with, but distinct from, institution’s faculty research institute
- A national model for interprofessional clinician-driven research
- A launching point for novice investigators
**Mission**
We educate, empower and equip clinicians to conduct research and advance evidence-based practice to support innovative care delivery.

**Vision**
We will be a premier institute for clinician-driven interprofessional research that elevates a culture of clinical inquiry and improves care for children and families.
Who is the INIR?

Director
Executive Advisor
Sr. Administrative Assistant
Clinical Research Coordinator
Research Nurse Scientist
Biostatistician
Clinical Scientist
Sr. Research Associate
Who is the INIR?
### What We Do

<table>
<thead>
<tr>
<th>Education</th>
<th>Mentorship</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Workshops</td>
<td>- Individual and team coaching</td>
<td>- INIR Grants</td>
</tr>
<tr>
<td>- Seminars</td>
<td>- Assistance with grants, manuscripts, abstract preparation</td>
<td>- Research Council Grants</td>
</tr>
<tr>
<td>- Grand Rounds</td>
<td>- Scholarly project mentorship (e.g. masters theses, doctoral dissertations)</td>
<td>- Evidence-Based Practice Grants</td>
</tr>
<tr>
<td>- Research Literacy Curriculum</td>
<td></td>
<td>- Travel Scholarships</td>
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<tr>
<td>- Works-in-Progress sessions</td>
<td></td>
<td>- Manuscript Writing Scholarships</td>
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</tbody>
</table>
Research Workshops:

- Manuscript Writing Workshop
  - November 6, 2018 | 12-4pm
  - McAllister 3rd Floor Education Room (3-195)
  - Workshop facilitators: Jenni Baird, PhD, MPH, MSW, RN, CPN
  - Breakfast or lunch served
  - CE credits offered

- Introduction to Qualitative Research
  - March 13, 2018 | 8AM-12pm
  - Lunch will be served
  - CE credits offered

The IHR Education Initiative is made possible by the generous support of West Coast University
INIR Visiting Nurse Scholar Series

Inaugural event:
March 6, 2019

**Agenda**
Presentation to Collaborative Governance Forum
Works-in-Progress Session
Clinical Services Grand Rounds
Hematology/Oncology Special Seminar
Mentorship Focal Areas:

- Literature review and critique
- Study design
- Grant writing
- IRB application submission
- Participant recruitment
- Data management
- Data analysis
- Abstract writing
- Poster and podium presentation development
- Manuscript writing

2018 Society of Pediatric Nurses Conference
Denver, CO
INIR Research Grants
$20,000 over two years

Clinical Services Research Council Grants
$5000 over one year

Clinical Services Evidence Based Practice Grants
$2500 over one year

INIR Manuscript Writing Grants
$1500 over six months
<table>
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<tr>
<th>Title of Grant</th>
<th>Principal Investigator</th>
<th>Disciplines Represented on Team</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project CLOT (Comprehensive Learning Outcomes for Thrombosis)</td>
<td>Jacquelyn Keegan, MSN, RN, CPNP</td>
<td>Nursing, Pharmacy, Health Educators</td>
</tr>
<tr>
<td>Mindful Eating Practices of the Adolescent with Hemophilia at Risk for Obesity</td>
<td>Jennifer Donkin, MSN, RN, CPNP</td>
<td>Nursing, Clinical Nutrition, Physical Therapy</td>
</tr>
<tr>
<td>Impact of Non-Nutritive Resistive Sucking on Feeding Development after Pediatric Cardiac Surgery</td>
<td>Judy Hopkins, OTD, OTR/L</td>
<td>Occupational Therapy, Nursing</td>
</tr>
<tr>
<td>Impact of an Innovative Mother-Infant Group on Depression and Infant Development in Mothers with Postpartum Depression and their Infants</td>
<td>Aviril Sepulveda, MS, OTR/L</td>
<td>Occupational Therapy, Social Work, Nursing</td>
</tr>
<tr>
<td>Cerebrovascular Autoregulation in Infants with Congenital Heart Disease Compared to Healthy Controls</td>
<td>Nhu Tran, PhD, RN</td>
<td>Nursing, Occupational Therapy, Cardiac Medicine</td>
</tr>
<tr>
<td>Developing a Novel App to Educate Children on the Human Subject Assent Process</td>
<td>Rebecca Dahl, PhD, RN</td>
<td>Nursing, Institutional Review Board</td>
</tr>
<tr>
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<tr>
<td>West Coast University Research Scholar: Influence of Culture and Spiritual Tradition on Support for Families of Children Dying in ICU</td>
<td>Sung-Jin (Jeanie) Ju, MPP, MACCS</td>
<td>Spiritual Care, Nursing</td>
</tr>
<tr>
<td>A Grounded Theory Study of Caregivers to Infants after Stage 1 Palliation for Single Ventricle Heart Disease</td>
<td>Flerida Imperial-Perez, MN, RN, CNS-BC, CCNS-P</td>
<td>Nursing, Social Work</td>
</tr>
<tr>
<td>Impact of Chest Binding in Transgender and Gender Diverse Youth and Young Adults</td>
<td>Bianca Salvetti, MSN, RN, CNS, CPNP</td>
<td>Nursing, Social Work</td>
</tr>
</tbody>
</table>
Building Support for our Grantees

All grantees agree to fully participate in the INIR grant process prior to receipt of funds.

The INIR team provides regular touchpoints to mentor, support, and assist with troubleshooting as issues arise with study implementation.
West Coast University is the INIR’s largest donor

WCU Educational Fund
- Workshops
- Visiting Nurse Scholar
- Grant Recipient Quarterly Sessions

WCU Research Fund
- Named Research Team Every Year
Sustaining the Relationship

- CHLA-WCU Partnership
  - Invitations for engagement with students and faculty
  - Opportunities for collaborative research
  - Regular Progress Updates
  - Exploring mechanisms for interprofessional education
## Outcomes

In the first two years, we have:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
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<tbody>
<tr>
<td>📚</td>
<td>Provided education to 400 unique clinicians from all clinical disciplines</td>
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<td>🧑‍🤝‍🧑‍🤝‍🧑‍🤝‍🧑</td>
<td>Offered mentorship to 30 interprofessional teams and 16 students</td>
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<tr>
<td>💰</td>
<td>Awarded $128,592 in research grants</td>
</tr>
<tr>
<td>🕒</td>
<td>Created mechanisms for study budgets to include protected time</td>
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<tr>
<td>🏛️</td>
<td>Fostered the development of active interprofessional research teams</td>
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Acknowledgements

INIR Executive Support:
Nancy Lee, MSN, RN, NEA-BC
Mary Dee Hacker, MBA, RN, FAAN

INIR Team Members:
Kevin Blaine, MAEd
Cynthia Caceres, BA
Jessica Lira, BA, CCRP
Paula Murray, PhD
Jessica Ward, PhD, MPH, CPNP, RN
Julie Werner, PhD, OTR/L, CHT

CHLA Foundation:
Karen Wirick
INIR Ambassadors

Thank you for attending!

Contact information:
Jenni Baird:
jebaird@chla.usc.edu

Renee Schweitzer:
rschweitzer@westcoastuniversity.edu


