An Introduction to the Child Health Research Institute and Opportunities for Engagement
Ann Anderson Berry, MD, PhD

• Interim Executive Director, Child Health Research Institute (CHRI)
• Professor, Division of Neonatology, University of Nebraska Medical Center
• Division Chief, Neonatology, Children’s Hospital and Medical Center
Disclosures

• I am on the Steering Committee for the Great Plains IDeA - CTR
Child Health Research Institute
CHRI - Partnership and Collaboration

• Children’s Hospital & Medical Center and University of Nebraska Medical Center
• Investigators, physicians, scientists, trainees, administrators
• Peers and greater research communities and organizations
Vision
To provide every child an equal opportunity for a healthy life through leading-edge innovation and discovery.

Mission
To support talented CHRI researchers in innovative research and collaborative discovery to improve the health of children everywhere.
CHRI - Goals

**Elevate and Integrate Research:** Foster, sustain and integrate high impact pediatric research across Children’s Hospital & Medical Center, the University of Nebraska Medical Center, partner institutions, and the communities that we serve.

**Develop Premier Investigators:** Promote an environment that recruits, retains, and advances established investigators while strategically mentoring and investing resources to drive sustained growth of early-career faculty, our future leaders in child health research.

**Ensure Our Discoveries Impact Child Health:** Discoveries will be disseminated, discussed, critically reviewed and then integrated into practice in clinics, hospitals and populations to improve the health of every child and prepare each child for a fulfilling and productive life.
Key Metrics

- 234 Current Members
- 260 Current Studies*
- 184 Patients Enrolled (12 months)

*Including current Pfizer Covid-19 vaccine study
Membership

• 234 members (65 new members in 2021)
• 111 Department of Pediatrics members
• Clinical affiliations include Children’s, Boys Town, Nebraska Medicine, Madonna Rehabilitation Hospital
University of Nebraska Members College/Institute

- Medicine
- Nursing
- Public Health
- Monroe Meyer Institute
- College of Allied Health Professions
- Eppley Cancer Institute
- Truhlsen Eye Institute
- Engineering (UNL)
- Arts & Sciences (UNL)
- Education, Health and Human Sciences (UNO)/Education and Human Sciences (UNL)
- Information Science & Technology (UNO)

Academic Institutions

- UNMC
- UNL
- UNO
- UNK
- Creighton

Child Health Research Institute
Membership Opportunity

• Four categories
  ▪ Full, associate, affiliate and trainee

• Access to CHRI Resources

• Eligible for CHRI Funding Sources

• On contact list for events and updates

• Research Bulletin
  ▪ Member features
  ▪ Recent articles
  ▪ Extramural funding opportunities
CHILD HEALTH RESEARCH INSTITUTE
AREAS OF EMPHASIS

VISION
Every child will have an equal opportunity for a healthy life.

MISSION
To improve the health of children everywhere through innovative research, collaborative discovery, community engagement and advocacy.

INNOVATION IN GLOBAL HEALTH RESEARCH

EARLY LIFE ORIGINS OF DISEASE & THERAPEUTIC OPPORTUNITIES

PEDIATRIC CANCER RESEARCH

RESEARCH & INNOVATION IN CHILDREN’S HEART DISEASES

IMPROVE HEALTH & HEALTH CARE FOR CHILDREN WITH LIFESPAN DISEASES

HEALTH SERVICES, POLICY & POPULATION HEALTH

Child Health Research Institute
Champions: Health Services, Policy & Population Health

Chad Abresch, PhD
Russell McCulloh, MD
Champions: Lifespan Diseases

Ashley Deschamp, MD

Teri Mauch, MD
Champions: Global Health

Shirley Delair, MD  Vicky Nakibuuka-Muli, MPA, MPH

*Not pictured Amy Rezac and Nick Kocmich
Champions: Pediatric Cancer Research Group

Don Coulter, MD

Sidharth Mahapatra, MD, PhD
Champions: Early Life Origin of Diseases

Matt Halanski, MD  Eric Peeples, MD  Bill Rizzo, MD
**CHRI Events**

- Seminar Series
- Area of Emphasis Mini Summits
- Pediatric Cancer Research Symposium (September 1)
- First annual CHRI Scientific Conference (Fall 2022)
- Biannual Pediatric Academic Workshops (August 27-28)
CHRI Scholars Program

Eric Peeples, MD
Gwenn Skar, MD
Jeffrey Salomon, MD
CHRI Internal Advisory Board

- Brad Britigan, MD, Dean, College of Medicine, UNMC
- H. Dele Davies, MD, Senior Vice Chancellor for Academic Affairs, UNMC, Professor Division of Pediatric Infectious Diseases
- Kathy English Executive VP, COO, CNO at Children's Hospital & Medical Center
- Amy Hatcher Executive Vice President, Chief Financial Officer
- Cindy Heider, Vice President, Heider Family Foundation
- Jennifer Larsen, MD, Vice Chancellor for Research, UNMC
- Chris Maloney Executive Vice President, Chief Clinical Officer & Physician-in-Chief, Children’s Hospital & Medical Center, Interim Chief, Division of Pediatric Endocrinology
- CT Williamson, Director of Health Access, Girls Inc.
Diversity, Equity and Inclusion

- CHRI leadership and staff are active task force members working with the Vice Chancellor for Research to improve diversity representation in research studies, grow a more diverse and inclusive workforce, and to build relationships with a variety of community organizations
- UNMC Department of Pediatrics Anti-Racism Committee
- Strategies for prioritizing DEI in hiring and work environment
Funding Opportunities

• CHRI Grants
• PCRG Grants
• CHRI Scholar
  ▪ Call for applications goes out as funding is available
  ▪ 3 year, $150,000 per year
• Several Grant Administrators on staff to support with external grant submission
  • Will work with you on the grant submission process, budgeting, supporting documents
Funding Opportunities

• CHRI Grants (Application on website)
  • Applications taken quarterly
    • February, May, August, November
  • Mini grants up to $15,000
  • Pilot grants up to $50,000

• PCRG Grants
  • Rolling application cycle (PCRG membership required)
  • Fund up to $50,000 for cancer-related projects
Available Resources

• Pediatric Research Office – clinical research core
• Scientific Writer
• Biostatistician
• Grant administration support
• Research administration support
Pediatric Research Office - support

- Study planning consultation
- Regulatory consultation
- Regulatory documentation
- Initial IRB application
- IRB submissions and yearly updates
- Study coordination
- Subject recruitment
- Subject visits & assessments
- Database development
- Data & source management
- Data entry
- Budget
- Contract
- Matrix development & maintenance
Pediatric Research Office – intake process

- Assess the level of support needed for a study
  - personnel needs
  - financial needs
- All investigators complete and submit a PRO Intake Form for review
- A study protocol and proposed budget must be included
Grant/Scientific Writer

- Assistance with proposal development and editing grants
- Built and maintains a library of materials needed during the grant preparation and submission process
- Collaborates with all faculty and trainees of all levels of experience to develop high-quality proposals
- Locates and identifies potential funding sources to support CHRI research projects.
Biostatistician – Junghyae Lee, PhD, MPH

• Dr. Lee is dedicated to supporting CHRI investigators with assistance in research design and biostatistics
• CHRI members are encouraged to consult with Dr. Lee early in their research projects
• Support is available ranging from experimental design and calculating required sample size to analysis of data sets and portrayal of data in presentations and manuscripts.
• An online project intake form is available on the website
• To ensure adequate time to work together and fulfill your objectives successfully, CHRI leadership strongly recommends you contact Dr. Lee in accordance with the timelines on the website.
• These align with the established service request timelines that the UNMC Center for Collaboration on Research Design & Analysis (CCORDA) asks investigators to follow.

email Junghyae.lee@unmc.edu
Data Request Process

Updated 6/13/21

CHRI Data Requests Diagram

For studies at UNMC/Nebraska Med:
Please fill out a Data Request Form:
https://unmcrcdata.unmc.edu/edcapi/surveys
/no=SFLY9RNPJBP
Please ensure that, if required, you have IRB approval for your project prior to submitting your request.

Will your study collect retrospective or prospective data from subjects?
Note: If your study will use both prospective and retrospective data, please follow the 'prospective' path.

Prospective Data Requests

Will you collect Protected Health Information (PHI) for your study?
Please refer to the PRO website for more details on what constitutes PHI.

No

Retrospective Data Requests

Yes

For studies at Children's:
Please fill out a Data Request Form:
https://unmcrcdata.unmc.edu/edcapi/surveys
/no=SFLY9RNPJBP
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CHRI Success Stories

Matt Halanski, MD
Gwenn Skar, MD
Jeffrey Salomon, MD
Looking Ahead

- Partnership with Great Plain IDeA CTR
- Assembling national scientific advisory board
- Increased mentorship opportunities and pipeline development programming
- Organization of highly collaborative events with hybrid participation available to connect investigators across the region and inspire innovation
- Increase awareness of CHRI and its mission, vision and activities on local, regional and national scale
- Support innovations in device development through a relationship with the SouthWest National Pediatric Device Innovation Consortium
Contact Us

- Ann Anderson Berry, MD, PhD – alanders@unmc.edu
- Bill Rizzo, MD – Scientific Director, CHRI - wrizzo@unmc.edu
- Lisa Runco – CHRI Administrator lisa.runo@unmc.edu
- Ashley Servais, MS – Senior Research Manager, Pediatric Research Office - ashley.servais@unmc.edu
- CHRI website - https://www.unmc.edu/chri/index.html
- CHRI general email – CHRI@unmc.edu