

# PECARN Studies

- Fluid Therapy and Cerebral Injury in Pediatric Diabetic Ketoacidosis
- ED-Initiated School-Based Asthma Medication Supervision
- Emergency Department Screen for Teens at Risk for Suicide
- RNA Biosignatures: A Paradigm Change for the Management of Young Febrile Infants
- Improving the Quality of Pediatric Emergency Care Using an Electronic Medical Record Registry and Clinician Feedback
- Impact of Emergency Department Probiotic Treatment of Pediatric Gastroenteritis
- Evaluating Tranexamic Acid in Children: A Pilot and Feasibility Study
- Pediatric Sepsis Registry, Clinical Outcomes, and Prediction Model
- Development of Pediatric C-Spine Injury Risk Assessment Tool
- Creation of a Generalizable Antimicrobial Stewardship Program for the ED Using EHR Clinical Decision Support
- The Effect of Emergency Department and After-Emergency Department Analgesic Treatment on Pediatric Long Bone Fracture Outcomes
- Improving Detection of STIs in Pediatric Emergency Department
- Implementation of evidence based care for the acute treatment of sickle cell disease pain
- Volume Expansion in Children with Shiga Toxin-Producing E. Coli Infection to Prevent Hemolytic Uremic Syndrome
- Established Status Epilepticus Treatment Trial

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DCC	U03MC00008	University of Utah
GLEMSCRN	U03MC28844	Nationwide Children's Hospital
HOMERUN	U03MC22684	Cincinnati Children's Hospital MC
PEM-NEWS	U03MC00007	Columbia University Medical Ctr
PRIME	U03MC00001	University of California Davis MC
CHaMP	U03MC33154	State University of NY at Buffalo
WPEMR	U03MC33156	Seattle Children's Hospital
SPARC	U03MC33155	Rhode Island Hosp/Hasbro Children's

HRSA/EMSC Contact: Diane Pilkey, RN MPH ([dpilkey@hrsa.gov](mailto:dpilkey@hrsa.gov))

# PECARN Investigators

## Eileen Klein, MD, MPH

Eileen Klein is the PI of the WPEMR Node. She is a Professor in the Department of Pediatrics at the University of Washington School of Medicine, Director of the Pediatric Emergency Medicine Fellowship at Seattle Children's Hospital and Co-Director of Emergency Department Research at Seattle Children's.

## Peter Dayan, MD, MSc

Peter Dayan is the PI of the PEM-NEWS Node. He is the Associate Director and Fellowship Director in the Division of Pediatric Emergency Medicine at the Morgan Stanley Children's Hospital, Columbia University Medical Center.

## J. Michael Dean, MD, MBA

Michael Dean is the PI of the Data Coordinating Center for PECARN and the H.A. and Edna Benning Presidential Professor of Pediatrics at the University of Utah School of Medicine. He is also Division Chief of Pediatric Critical Care.

## Nathan Kuppermann, MD, MPH

Nathan Kuppermann is the PI of the PRIME Node. He is Professor of Emergency Medicine and the Bo Thomas Brofeldt Endowed Chair of the Department of Emergency Medicine at the University of California, Davis School of Medicine.

## Daniel Nishijima, MD, MAS

Daniel Nishijima is the Co-PI of the PRIME Node. He is an Associate Professor of Emergency Medicine and the Director of Emergency Medicine Research Associate Program (EMRAP) of the Department of Emergency Medicine at the University of California, Davis School of Medicine.

## Thomas Chun, MD, MPH

Thomas Chun is the PI of the SPARC Node. He is a Professor of Emergency Medicine and Pediatrics at Brown University and an emergency medicine physician at Hasbro Children's Hospital.

## Richard Ruddy, MD

Richard Ruddy is PI of the HOMERUN Node. He is Professor of Pediatrics at the University of Cincinnati College of Medicine and an emergency medicine physician at Cincinnati Children's Hospital Medical Center.

## Lynn Babcock, MD, MS

Lynn Babcock is the Co-PI of the HOMERUN Node. She is Professor of Pediatrics and co-Director of the Acute Care Core of the Center for Clinical and Translational Sciences and Training (CCTST) at the University of Cincinnati College of Medicine. She is an emergency medicine physician at Cincinnati Children's Hospital Medical Center.

## E. Brooke Lerner, PhD

E. Brooke Lerner is the PI of the CHaMP Node. She is a professor of emergency medicine and pediatrics at the University of Buffalo. Dr. Lerner serves as the chair of the PECARN steering committee.

## Rachel M. Stanley, MD, MHSA

Rachel Stanley is the PI of the GLEMSCRN Node. She is Division Chief of Emergency Medicine at Nationwide Children's Hospital and Associate Professor of Pediatrics at the Ohio State University.



# PECARN

Conducting High-Priority,  
High-Quality Research in  
Pediatric Emergency Care



PECARN - DCC  
P.O. Box 581289  
Salt Lake City, UT 84158-1289

p: 801-581-4027  
f: 801-581-8686

[PECARN.ORG](http://PECARN.ORG)



# PECARN Nodes

Each PECARN node and their respective hospitals and EMS Affiliates:

## GLEMSCRN Node

- Nationwide Children's Hospital, Columbus, OH
- University of Michigan, Ann Arbor, MI
- Children's Hospital of Pittsburgh, Pittsburgh, PA
- Columbus Division of Fire, Columbus, OH (EMS Affiliate)

## HOMERUN Node

- Cincinnati Children's Hospital Medical Center, Cincinnati, OH
- Washington University SOM/St. Louis Children's Hospital, St. Louis, MO
- Children's Hospital of Wisconsin/Medical College of WI, Milwaukee, WI
- City of Cincinnati Fire Department, Cincinnati, OH (EMS Affiliate)

## PEM-NEWS Node

- Morgan Stanley Children's Hospital/Columbia University, New York, NY
- Children's Hospital of Colorado, Denver, CO
- Texas Children's Hospital, Houston, TX
- Aurora Fire Department, Aurora, CO (EMS Affiliate)

## PRIME Node

- University of California-Davis, Sacramento, CA
- Children's Hospital of Philadelphia, Philadelphia, PA
- Primary Children's Medical Center/University of Utah, Salt Lake City, UT
- Sacramento Fire Department, Sacramento, CA (EMS Affiliate)

## SPARC Node

- Hasbro Children's Hospital, Providence, RI
- Emory University School of Medicine, Atlanta, GA
- University of California- San Francisco, San Francisco, CA
- Alameda County EMS Agency, San Leandro, CA (EMS Affiliate)

## WPEMR Node

- Seattle Children's Hospital, Seattle, WA
- Children's Hospital Los Angeles, Los Angeles, CA
- University of Texas - SW, Dallas, TX
- Seattle Fire/Medic One (EMS Affiliate)

## CHaMP Node

- Milwaukee County EMS, Milwaukee, WI (EMS Affiliate)
- Mecklenburg EMS Agency (Medic), Charlotte, NC (EMS Affiliate)
- Houston Fire Department EMS, Houston, TX (EMS Affiliate)
- AMR of Western NY, Buffalo, NY (EMS Affiliate)



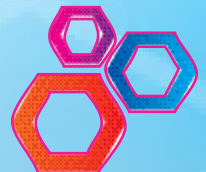
## The PECARN Organization...

**PECARN** is comprised of seven Research Nodes and a Data Coordinating Center. Six of the Research Nodes contain three Hospital Emergency Department Affiliates (HEDAs) and one EMS Affiliate. The EMS Research Node contains three EMS Affiliates.

The **PECARN** hospitals represent diverse demographic and geographic areas and include:

- Academic hospitals
- Urban hospitals
- Children's hospitals

The **PECARN** network Emergency Departments serve approximately **1.3 million** acutely ill and injured children every year and the 9 EMS affiliates account for more than **113,000** pediatric runs annually.



**PEDIATRIC EMERGENCY CARE  
APPLIED RESEARCH NETWORK**

## About PECARN...

We would like to introduce you to the Pediatric Emergency Care Applied Research Network (PECARN). **PECARN** is a project of the Health Resources and Services Administration/Maternal and Child Health Bureau's (HRSA/MCHB) Emergency Medical Services for Children (EMSC) Program. The goal of this network is to conduct

high priority, multi-institutional research into the prevention and management of acute illnesses and injuries in children and youth of all ages.

**PECARN** is the first and only federally-funded pediatric emergency medicine research network.

**PECARN** provides the leadership and infrastructure needed to promote multi-center studies, support research collaboration among EMSC investigators, and promote informational exchanges between EMSC investigators and providers.

