



COMMUNITY SPOTLIGHT

CHP PARTICIPANT COMMUNITY VERMONT CHILD HEALTH IMPROVEMENT PROGRAM

Burlington, VT



“We envision a future where health ‘plans of care’ for children and youth with special health care needs (CYSHCN) are family-centered, secure, useful, and shared.”

PROJECT SNAPSHOT

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|-------------------------|---|
| Site Type | Not-for-profit |
| Health Category | Maternal/child health |
| Health Objective | Create an electronic shared plan of care (e-SPoC) for families with children and youth with special health care needs (CYSHCN) |
| Geographic Scale | City or town |
| Sectors | Lead: Research Institutes/Academia Data contribution: Health Care, Social Service, Community-based Organizations Other stakeholders: Public Health, Patient Partners |
| Data Types | EHR, public records, private records |
| Data Integration | Create integrated plan of care records that include health information as well as data on other determinants of health |

COMMUNITY OVERVIEW

The Vermont Child Health Improvement Program (VCHIP) in the University of Vermont College of Medicine’s Department of Pediatrics is a population-based maternal and child health services research and quality improvement program. Through its participation in the Community Health Peer Learning (CHP) Program, VCHIP will create an electronic shared plan of care (e-SPoC) for children and youth with special health care needs (CYSHCN). This family-centered system will aim to simplify the management of each child’s multiple systems of care into adulthood through information from electronic health records as well as data on economic, environmental, and social determinants of health.

PROJECT APPROACH

In order to build a centralized, accessible, and accountable e-SPoC to improve the population health management of CYSHCN, VCHIP will:

- Engage patient-centered medical homes, families, and medical social workers to identify necessary data elements for the plan of care;
- Create a process for consolidating health data internally and between systems;
- Create training materials for ease of using e-SPoC across community users;
- Work through challenges of buy-in, uptake, and sustainability; and
- Use e-SPoC to support care coordination.

ANTICIPATED IMPACT

An electronic shared plan of care, accessed and edited in real-time by families and their providers, will improve care coordination and system integration, leading to improved health outcomes for CYSHCN.

PROJECT TIMELINE

| MONTHS 1-6 | MONTHS 7-12 | MONTHS 13-17 |
|--|--|--|
| <ul style="list-style-type: none"> Family health partner integration e-SPoC training | <ul style="list-style-type: none"> Family health partner integration e-SPoC training e-SPoC testing and integration e-SPoC piloting Analytics and family experience Stakeholder meetings and dissemination | <ul style="list-style-type: none"> e-SPoC piloting Analytics and family experience Stakeholder meetings and dissemination |

LEAD AGENCY

- Vermont Child Health Improvement Program** (<https://www.uvm.edu/medicine/vchip/>) is a population-based maternal and child health services research program in the University of Vermont's College of Medicine. They have over 15 years of experience as a quality improvement and measurement-based evaluation program for practices, hospitals, schools, and community programs.

PARTNERS/COLLABORATORS

- Maternal and Child Health Division at the Department of Health:** The Division prioritizes the health and wellness of Vermont's women, children, and families. Its vision and principles align with a strategic plan that follows a life course model to manage health from pre-conception through adulthood, while considering social, economic, and environmental factors.
- Family Health Partners:** Parents of CYSHCN partner with patient-centered medical homes to share knowledge, participate in decision making, and provide feedback on policies and procedures to manage the health care of children.
- Vermont Blueprint for Health:** The Blueprint works with practices, hospitals, health centers, provider networks, insurers, and other stakeholders to implement a statewide health service model in Vermont. It supports primary care practice transformation and connections to community health teams to promote prevention and wellness.

MEET THE PROJECT TEAM!



Valerie Harder, Ph.D., M.H.S.
 Assistant Professor, Departments of Pediatrics and Psychiatry
 CHP Role: Principal Investigator
 Contact: vharder@uvm.edu

Ask her about:

- Health services research
- Quality improvement
- Program evaluation
- Care coordination learning collaboratives



Susan Richardson, Ph.D.
 Research Specialist
 CHP Role: Data Manager/Analyst
 Contact: susan.richardson@uvm.edu

Ask her about:

- Project management
- Data analysis and management
- Online surveys



Jill Rinehart, M.D.
 Pediatrician at Hagan Rinehart and Connolly Pediatricians
 Incoming President of the American Academy of Pediatrics, Vermont Chapter
 CHP Role: Physician Champion
 Contact: jillrinehartmd@gmail.com

Ask her about:

- Children and youth with special health care needs