

# PRACTICE-BASED RESEARCH NETWORKS: Enhancing the Health of Children and Adolescents; Enabling a Lifetime of Wellness

## PATIENT ENGAGEMENT FOR PEDIATRIC HEALTH IMPROVEMENT

[Practice-Based Research Networks \(PBRNs\)](#) bring together primary care practices, health services researchers, systems administrators, and the community to answer the needs of patients across the age spectrum. The vast majority of registered Primary Care PBRNs (90%) have a strong interest in community-based health care research and the translation of those findings into practice for pediatric patients from birth through late adolescence and from all socioeconomic, racial/ethnic groups, and regions in the United States.

Research being done with the pediatric population often requires the development of a relationship among the research team, clinicians, and families of the patients involved. This collaboration, along with the PBRN model of embedding research into practice and communities, places PBRNs at the forefront of improving the health and well being of children and adolescents. PBRN members have stressed that engagement among families, practitioners, and researchers together is key to improving upstream prevention services for pediatric populations.<sup>1,2</sup> As one member noted, “Our work lives in the network. It makes everything we do possible. It is foundational to the range of projects we’re involved in”.<sup>1</sup>

This summary highlights a small portion of the work being conducted

### ***A group sentiment on working with Children, Adolescents, and their families***

*“Pediatric research and care delivery require child-parent-practitioner partnerships and a focus on disease prevention and health promotion order to achieve well being throughout the lifespan.”*

by Pediatric PBRNs. Projects highlighted focus on vaccination research, nutrition, and mental health. Examples of work conducted in are described in greater detail below.

### **Vaccination Research**

Vaccines protect children and adolescents from a variety of serious or potentially fatal diseases. PBRNs are conducting a variety of vaccine-related research projects including

improving vaccine uptake and understanding issues related to vaccine hesitancy.

### **Summary Highlights:**

- Project descriptions focusing on vaccination research, nutrition, and mental health.
- Resources include [Increasing adolescent immunization rates in primary care](#), [Linking pediatric primary care obesity management to community programs / The Promoting Health Project \(PHP\)](#), and [Helping students with disabilities better address teasing and bullying situations](#).
- [Contact information](#) for 90% (144) of registered PBRNs have interest in Pediatric Health. Of the 144, 19 are affiliate PBRNs (not primary care based), and 6 are international.
- 21 PBRN networks are dedicated solely to working with pediatric population.

<sup>1</sup> Phone interview with Richard Wasserman, MD, Alexander Fiks, MD, and Jim Massey, MD. C-PRL PBRN. 1/13/15.

<sup>2</sup> Phone interview with Jane Garbutt, MD. WU PAARC. 3/6/15.



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## **South Carolina Pediatric Practice Research Network ([SCPPRN](#)) & Oklahoma Child Health Research Network ([OCHRN](#))**

[Adolescent Vaccine Study](#): SCPPRN and OCHRN have partnered in an effort to study the delivery of adolescent vaccines and evaluate vaccine hesitancy. This study will examine health provider and patient perceptions of vaccine hesitancy in 6-10 pediatric PBRN practices in South Carolina and Oklahoma. Recommendations for tetanus/diphtheria toxoid/acellular pertussis (Tdap), meningococcal conjugate vaccine (MCV4), and human papillomavirus vaccine (HPV) at preventive health visits will be examined.

## **Washington University Pediatric and Adolescent Ambulatory Research Consortium ([WU PAARC](#))**

[Parents' experiences with pediatric care at retail clinics](#): Little is known about the use of retail clinics (RCs) for pediatric care. This cross-sectional study with 19 pediatric practices in a Midwestern PBRN, sought to describe the rationale and experiences of families with a pediatrician who also use RCs for pediatric care. The study found that parents with established relationships with a pediatrician most often took their children to RCs for care because access was convenient. Almost half the visits occurred when the pediatricians' offices were likely open.

*"Our work in the network makes everything we do possible. It is foundational to the range of projects we're involved in."*

*Dr. Alexander Fiks,  
Co-Medical Director, PeRC*

## **Pediatric Research Consortium ([PeRC](#))**

[Effectiveness of decision support for families, clinicians, or both on HPV vaccine receipt](#): PeRC found that decision support directed at both clinicians and families most effectively increased HPV vaccination rates among girls ages 11 to 17. The clinician-focused intervention best promoted the initiation of the vaccine series, while family-focused intervention supported completion. This study demonstrates the potential of using health information technology to intelligently engage clinicians and families in order to improve health outcomes including vaccination.

## **Greater Rochester PBRN ([GR-PBRN](#)) and the COntinuity NETwork ([CORNET](#))**

[Increasing adolescent immunization rates in primary care](#): Primary care physicians from two PBRNs were surveyed to better understand strategies to increase adolescent immunization rates. For non-seasonal vaccines recommended for adolescents, many GR-PBRN and CORNET practices reported using nurse prompts to providers at preventive visits (61% and 52%, respectively), physician education (53% and 53%), and scheduled vaccine-only visits (91% and 82%). Strategies not used that clinicians frequently indicated they would consider included patient reminder/recall and prompts to providers via nurses or electronic health records.



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## *Distributed Ambulatory Research in Therapeutics Network ([DARTNet](#))*

### [Using Electronic Health Records \(EHRs\) for Health Services Research:](#)

In February 2015, DARTNet conducted a Webinar to describe CER2 (Comparative Effectiveness Research through Collaborative Electronic Reporting). This new EHR data resource is being developed by several PBRN health services research and clinical informatics colleagues and will soon serve as a potential data venue for PBRN researchers. The Webinar was sponsored by the Health Resources and Services Administration Maternal and Child Health Bureau. Wilson Pace, MD, FAAFP; Richard "Mort" Wasserman, MD, American Academy of Pediatrics' Pediatric Research in Office Settings (PROS); and Alex Fiks, MD, MSCE, American

Academy of Pediatrics' Pediatric Research in Office Settings (PROS) presented.

Upcoming PBRN projects on improving vaccine delivery will build upon [earlier work that identified innovative decision-support methods to increase the initiation and completion of the series of shots needed to protect against HPV.](#)

In 2013, AHRQ sponsored a [PBRN Vaccine Manuscript Contest](#) to recognize PBRN researchers conducting outstanding work to increase the appropriate use of patient vaccines. Contest winners featured a wide array of innovative methods used to increase the appropriate use of vaccines including: providing easier access, automated patient notification systems, automated reminders for providers, and team-based care models.

Dr. Alex Fiks (PROS), Dr. Mort Wasserman (PROS), and Mr. Jim Massey (PeRC) and their team received first place for their work focusing on innovative ways to increase the initiation and completion of the series of shots needed to protect against HPV. Providers caring for patients eligible to receive the shots were notified via electronic reminders. The reminders helped providers have conversations with families about their preferences for receiving the vaccine and once the series was started, both providers and families received reminders to alert them when it was time to receive the next shot.

Here, Mr. Massey accepts the award on behalf of his team at the North America Primary Care Research Group – PBRN Conference.



A [Webinar on the HPV Vaccine project](#) is featured on the AHRQ Health Information Technology Web site.



## Pediatric Nutrition

Childhood obesity has more than doubled in children and quadrupled in adolescents in the past 30 years<sup>3,4</sup>. To curb this growing epidemic, PBRN researchers conduct a wide range of research to understand the origins of this problem as well as develop obesity management programs. PBRNs particularly active in this area are highlighted below.

### **Washington University Pediatric and Adolescent Ambulatory Research Consortium ([WU PAARC](#))**

[Opportunities to Reduce Children's Excessive Consumption of Calories from Beverages](#): WU PAARC asked parents of young children (ages 6 months to 12 years) to complete a 36-item questionnaire at their pediatricians' office. The study demonstrated that about 1 in 5 children consumes excessive calories from soda, other sugar-sweetened beverages, and fruit juice, with fruit juice being the major contributor. Having Medicaid insurance, among other factors, was a significant risk factor for excessive calorie consumption from beverages. Parents would likely reduce beverage consumption if recommended by the physician (65.6%).



### **Pediatric Practice Research Group ([PPRG](#))**

#### [Family history and parents' beliefs about consequences of childhood overweight and their influence on children's health behaviors](#)

PPRG researchers collected surveys from parents with a child between 2 and 17 years old to examine factors related to 1) parental perception of health risks for overweight children and 2) parents' self-efficacy for influencing their children's dietary and physical activity behaviors, especially in relation to family history of diabetes and cardiovascular disease (CVD). The study found that family history of

conditions such as diabetes and CVD are associated with parents' perceptions of health risks for overweight children.

### [Linking pediatric primary care obesity management to community programs / The Promoting Health Project](#)

[\(PHP\)](#): The Promoting Health Project (PHP) was a multi-component, practice-based intervention aimed at improving care of obese children (ages 2 to 17 years), including referrals to community services. Key study findings determined that substantial efforts were necessary to create smooth practice-to-community service referral systems, family motivation was perceived as a limiting factor in program attendance, and clinicians were satisfied with the community service referral systems implemented by the study. Establishing and maintaining links between practitioners and community programs requires resources beyond what is commonly found in primary care practice.

### **South Carolina Pediatric Practice Research Network ([SCPPRN](#))**

#### [Prevalence of obesity in children: comparing children from the South Carolina pediatric practice research network with a national sample](#)

SCPPRN conducted a study to determine how the prevalence of obesity among

<sup>3</sup> Ogden CL, Carroll MD, Kit BK, et al. Prevalence of childhood and adult obesity in the United States, 2011-2012. JAMA 2014;311(8):806-814. PMID: 24570244.

<sup>4</sup> National Center for Health Statistics. Health, United States, 2011: With Special Features on Socioeconomic Status and Health. Hyattsville, MD; U.S. Department of Health and Human Services; 2012.

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children (ages 2 to 19 years) in pediatric practices in South Carolina varied from national data. Children were sampled from the SCPPRN using measured weight and height, and these data were compared with national data. The prevalence of obese children in the SCPPRN aged 2 to 5 years was 14%, 6 to 11 years was 21.7%, and 12 to 19 years was 17.3%. Obesity prevalence varied among practices, from 7.5% to 26.9%. The study also found gender and racial disparities, with black boys and white girls having a high prevalence of obesity early in life, which decreased in adolescence. Black girls had the opposite course.

## Pediatric Mental Health

One in five children and adolescents in the U.S. experiences mental health problems, and up to one-half of all lifetime cases of mental illness begin by age fourteen<sup>5</sup>. As a result, the management of mental health issues in children and adolescents is a growing part of pediatric practices. PBRNs conduct a range of research addressing pediatric mental health issues, including the prevalence of disorders across various age groups of children, the management of disease, and coordinating mental health care across primary care and community settings. PBRNs working on these and other topics are highlighted below.



### ***Pediatric Practice Research Group (PPRG)***

**Computer-assisted management of attention deficit/hyperactivity disorder:** Twenty-four pediatric practices in the PPRG participated in a randomized trial to examine strategies to improve ADHD symptoms in children ages 5.9 to 11.11 years receiving drug therapy for ADHD. The study evaluated whether specialized care, including brief physician training plus computer-assisted medication management, led to greater reduction in ADHD symptoms as compared children receiving care from practices randomized to the treatment-as-usual group. The study also evaluated whether adherence to the recommended titration protocol prompted by the computer-assisted medication management algorithm produced greater symptomatic improvement among children. Study outcomes indicated that specialized care did not enhance reductions in ADHD symptoms. Among children receiving specialized care, physician adherence to a medication titration protocol led to better symptom reduction.



### ***Massachusetts School Nurse Research Network (MASNRN)***

**Helping students with disabilities better address teasing and bullying situations:** The specific aims of this study were to identify children (ages 9 to 14 years) with disabilities, who are at risk for being chronically teased or bullied and intervene using a Web-based program to build resiliency for managing teasing and bullying situations. Results indicated that after participating in serial brief interventions using a school nurse-led support group model, students reported being significantly less bothered by teasing and possessed significantly improved self-concepts, thus becoming

<sup>5</sup> <http://www.nihcm.org/pdf/PediatricMH-FINAL.pdf>. Accessed July 13, 2015.

more resilient in managing teasing and bullying situations.

***Metropolitan Detroit Practice-based Research Network ([MetroNet](#))***

[Using the Guidelines for Adolescent Preventive Services to estimate adolescent depressive symptoms in school-based health centers](#): MetroNet examined the relationship between depressive symptoms and demographic, behavioral, and environmental risk variables among adolescents (ages 13 to 17 years) attending school-based health centers (SBHCs) using the Guidelines for Adolescent Preventive Services (GAPS) questionnaires. The authors identify several factors which could be targeted during routine adolescent examinations to help providers at SBHCs and other clinics identify those at highest risk for depression and provide appropriate interventions.



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## Where to Learn More

<b><i>PBRNs with an Interest in Pediatric Health</i></b>	
AAFP National Research Network (AAFP NRN) <a href="http://www.aafp.org/nrn">www.aafp.org/nrn</a> Location: Kansas (With 800 Practices Across 50 States)	Military Primary Care Research Network (MPCRN Network) <a href="http://www.mpcrn.org">www.mpcrn.org</a> Location: Maryland (With 15 Practices Across 12 States)
American Association of Nurse Practitioners Network for Research (AANPNR) <a href="http://www.aanp.org/research">http://www.aanp.org/research</a> Location: Texas (With 387 Practices Across 50 States and the territories of Guam, Puerto Rico, and Virgin Islands)	Missouri Therapy Network (MTN) <a href="http://pbrn.ahrq.gov/pbrn-registry/mo-therapy-network">http://pbrn.ahrq.gov/pbrn-registry/mo-therapy-network</a> Location: Missouri (With 800 Practices in 1 State)
Association of Asian Pacific Community Health Organizations (AAPCHO) <a href="http://www.aapcho.org">http://www.aapcho.org</a> Location: California (With 29 Practices Across 13 States)	Meharry-Vanderbilt Community Research Network (MVCRN) <a href="https://medschool.vanderbilt.edu/meharry-vanderbilt/meharry-vanderbilt-community-research-network">https://medschool.vanderbilt.edu/meharry-vanderbilt/meharry-vanderbilt-community-research-network</a> Location: Tennessee (With 35 Practices in 1 State)
Alliance of Chicago Community Health Services (ACCHS) <a href="http://www.alliancechicago.org">www.alliancechicago.org</a> Location: Illinois (With 200 Practices Across 11 States)	UNC Practice Based Research Network (NCnet) <a href="http://ncnc.unc.edu/networks/ncnet/">http://ncnc.unc.edu/networks/ncnet/</a> Location: North Carolina (With 197 Practices in 1 State)
American College of Clinical Pharmacy Practice-Based Research Network (ACCP PBRN) <a href="http://www.accpri.org/pbrn/">http://www.accpri.org/pbrn/</a> Location: Kansas (With 707 Practices Across 50 States)	Nemours Primary Care Research Collaborative (Nemours PCRC) <a href="http://pbrn.ahrq.gov/pbrn-registry/nemours-primary-care-research-collaborative">http://pbrn.ahrq.gov/pbrn-registry/nemours-primary-care-research-collaborative</a> Location: Delaware (With 20 Practices Across 3 States)
Access Community Health Network (ACHN) <a href="http://www.accesscommunityhealth.net">www.accesscommunityhealth.net</a> Location: Illinois (With 35 Practices in 1 State)	Northeastern Ohio Network (NEON) <a href="http://www.neomed.edu/academics/medicine/departments/family-medicine/research/northeastern-ohio-network-neon/northeast-ohio-network">http://www.neomed.edu/academics/medicine/departments/family-medicine/research/northeastern-ohio-network-neon/northeast-ohio-network</a> Location: Ohio (With 33 Practices in 1 State)
Virginia Ambulatory Care Outcomes Research Network (ACORN) <a href="http://ctr.vcu.edu/community/acorn.html">http://ctr.vcu.edu/community/acorn.html</a> Location: Virginia (With 101 Practices in 1 State)	North Florida Pediatric Community Research Network (NFPCRN) <a href="http://pbrn.ahrq.gov/pbrn-registry/north-florida-pediatric-community-research-network">http://pbrn.ahrq.gov/pbrn-registry/north-florida-pediatric-community-research-network</a> Location: Florida (With 15 Practices in 1 State)
ACP Quality Connect (ACP Quality Connect) <a href="http://www.medconcert.com">www.medconcert.com</a> Location: Washington, DC (With 1200 Practices Across 50 States and the territories of Guam, Puerto Rico, and Virgin Islands)	New Jersey Primary Care Research Network (NJPCRN) <a href="http://rwjms.rutgers.edu/departments_institutes/family_medicine/centers_networks/gspr/about/index.html">http://rwjms.rutgers.edu/departments_institutes/family_medicine/centers_networks/gspr/about/index.html</a> Location: New Jersey (With 115 Practices in 1 State)
Ambulatory Care Research Network (ACRN) <a href="http://pbrn.ahrq.gov/pbrn-registry/ambulatory-care-research-network">http://pbrn.ahrq.gov/pbrn-registry/ambulatory-care-research-network</a> Location: New York (With 12 Practices in 1 State)	National Nursing Centers Consortium (NNCC Network) <a href="http://pbrn.ahrq.gov/pbrn-registry/national-nursing-centers-consortium-network">http://pbrn.ahrq.gov/pbrn-registry/national-nursing-centers-consortium-network</a> Location: Pennsylvania (With 12 Practices Across 4 States)
Alabama Practice Based Research Network (APBRN) <a href="http://www.uab.edu/apbrn">www.uab.edu/apbrn</a> Location: Alabama (With 98 Practices in 1 State)	North Texas Primary Care Practice Based Research Network (NorTex) <a href="http://pbrn.ahrq.gov/pbrn-registry/north-texas-primary-care-practice-based-research-network">http://pbrn.ahrq.gov/pbrn-registry/north-texas-primary-care-practice-based-research-network</a> Location: Texas (With 101 Practices in 1 State)



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<b>PBRNs with an Interest in Pediatric Health</b>	
<p>Ambulatory Primary Care Innovations Group Network (APCIG Network)  <a href="http://www.northshore.org/APCIG">http://www.northshore.org/APCIG</a>                      Location: Illinois (With 47 Practices in 1 State)</p>	<p>NursePractitioner-PITTNet (NP-PITTNet)  <a href="http://pbrn.ahrq.gov/pbrn-registry/nursepractitioner-pittnet">http://pbrn.ahrq.gov/pbrn-registry/nursepractitioner-pittnet</a>                      Location: Pennsylvania (With 180 Practices in 1 State)</p>
<p>Association of Pediatric Program Directors Longitudinal Educational Assessment Research Network (APPD LEARN)  <a href="http://learn.appd.org">http://learn.appd.org</a>                      Location: Virginia (With 125 Practices Across 47 States)</p>	<p>New York City Research and Improvement Networking Group (NYC RING)  <a href="http://www.einstein.yu.edu/departments/family-social-medicine/nycring/">http://www.einstein.yu.edu/departments/family-social-medicine/nycring/</a>                      Location: New York (With 38 Practices in 1 State)</p>
<p>The Appalachian Research Network (AppNET)  <a href="http://www.etsu.edu/com/appnet/default.aspx">http://www.etsu.edu/com/appnet/default.aspx</a>                      Location: Tennessee (With 17 Practices Across 3 States)</p>	<p>New York-Long Island Clinical Improvement Through Innovation Collaborative (NY-LI CITI Collaborative)  <a href="http://pbrn.ahrq.gov/pbrn-registry/new-york-long-island-clinical-improvement-through-innovation-collaborative">http://pbrn.ahrq.gov/pbrn-registry/new-york-long-island-clinical-improvement-through-innovation-collaborative</a>                      Location: New York (With 13 Practices in 1 State)</p>
<p>Athletic Training Practice-Based Research Network (AT-PBRN)  <a href="http://www.atpbrn.org">www.atpbrn.org</a>                      Location: Arizona (With 66 Practices Across 12 States and Singapore)</p>	<p>OCHIN Practice-Based Research Network (formerly SafetyNet West) (OCHIN PBRN)  <a href="https://ochin.org/services/research/">https://ochin.org/services/research/</a>                      Location: Oregon (With 506 Practices Across 13 States)</p>
<p>A. T. Still University, School of Osteopathic Medicine in Arizona PBRN (ATSU SOMA PBRN)  <a href="https://sites.google.com/a/atsu.edu/practice-based-research-network/">https://sites.google.com/a/atsu.edu/practice-based-research-network/</a>                      Location: Arizona (With 12 Practices Across 9 States)</p>	<p>Oklahoma Child Health Network (OCHRN)*  <a href="http://pbrn.ahrq.gov/pbrn-registry/oklahoma-child-health-network">http://pbrn.ahrq.gov/pbrn-registry/oklahoma-child-health-network</a>                      Location: Oklahoma (With 16 Practices in 1 State)</p>
<p>Asthma Training To Accelerate Communication and Knowledge (ATTACK)  <a href="http://pbrn.ahrq.gov/pbrn-registry/asthma-training-accelerate-communication-and-knowledge">http://pbrn.ahrq.gov/pbrn-registry/asthma-training-accelerate-communication-and-knowledge</a>                      Location: California (With 28 Practices Across 2 States)</p>	<p>Ochsner Primary Care Research Network (Ochsner-PCRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/ochsner-primary-care-research-network">http://pbrn.ahrq.gov/pbrn-registry/ochsner-primary-care-research-network</a>                      Location: Louisiana (With 33 Practices in 1 State)</p>
<p>Better Health Greater Cleveland (Better Health)  <a href="http://betterhealthcleveland.org">http://betterhealthcleveland.org</a>                      Location: Ohio (With 69 Practices in 1 State)</p>	<p>Oklahoma Physicians Resource/Research Network (OKPRN)  <a href="http://www.okprn.org">http://www.okprn.org</a>                      Location: Oklahoma (With 136 Practices in 1 State)</p>
<p>Building Investigative Practices for Better Health Outcomes Research Network (BIGHORN)  <a href="http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/familymed/research/PBRN/BIGHORN/Pages/BIGHORN.aspx">http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/familymed/research/PBRN/BIGHORN/Pages/BIGHORN.aspx</a>                      Location: Colorado (With 16 Practices in 1 State)</p>	<p>Oregon Rural Practice-based Research Network (ORPRN)  <a href="http://www.ohsu.edu/xd/outreach/oregon-rural-practice-based-research-network/">http://www.ohsu.edu/xd/outreach/oregon-rural-practice-based-research-network/</a>                      Location: Oregon (With 50 Practices in 1 State)</p>
<p>Better Outcomes through Research for Newborns (BORN)  <a href="http://www.academicped.org/research/research_BORN.cfm">http://www.academicped.org/research/research_BORN.cfm</a>                      Location: Virginia (With 92 Practices Across States)</p>	<p>Palo Alto Medical Foundation Research Institute (PAMFRI)  <a href="http://www.pamf.org">www.pamf.org</a>                      Location: California (With 44 Practices in 1 State)</p>





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<b>PBRNs with an Interest in Pediatric Health</b>	
<p>The Bravewell Integrative Medicine Research Network (BraveNet)  <a href="https://bravenet.dcri.duke.edu/">https://bravenet.dcri.duke.edu/</a>                      Location: North Carolina (With 14 Practices Across 11 States)</p>	<p>Post-Acute Therapeutics and Health (PATH) Clinical Research Institute (PATH Clinical Research Institute)  <a href="http://pbrn.ahrq.gov/pbrn-registry/post-acute-therapeutics-and-health-path-clinical-research">http://pbrn.ahrq.gov/pbrn-registry/post-acute-therapeutics-and-health-path-clinical-research</a>                      Location: Washington (With 900 Practices Across 43 States)</p>
<p>Brigham and Women's Primary Care Practice-Based Research Network (BWPC PBRN)  <a href="http://www.brighamandwomens.org/pbrn">www.brighamandwomens.org/pbrn</a>                      Location: Massachusetts (With 15 Practices in 1 State)</p>	<p>Duke Primary Care Research Consortium (PCRC)  <a href="https://www.dcri.org/our-research/primary-care">https://www.dcri.org/our-research/primary-care</a>                      Location: North Carolina (With 32 Practices in 1 State)</p>
<p>Capital Area Primary Care Research Network (CAPRICORN)  <a href="http://familymedicine.georgetown.edu/divisions/research/capricorn">http://familymedicine.georgetown.edu/divisions/research/capricorn</a>                      Location: Washington, DC (With 35 Practices Across 3 States)</p>	<p>Pediatric Diagnostic Center PBRN (PDC PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/pediatric-diagnostic-center-pbrn">http://pbrn.ahrq.gov/pbrn-registry/pediatric-diagnostic-center-pbrn</a>                      Location: California (With 5 Practices in 1 State)</p>
<p>Colorado Research Network (CaReNet)  <a href="http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/familymed/research/PBRN/CaReNet/Pages/CaReNet.aspx">http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/familymed/research/PBRN/CaReNet/Pages/CaReNet.aspx</a>                      Location: Colorado (With 42 Practices in 1 State)</p>	<p>Pediatric PittNet: University of Pittsburgh CTSI PBRN (Pediatric PittNet)  <a href="http://www.pedspittnet.pitt.edu">www.pedspittnet.pitt.edu</a>                      Location: Pennsylvania (With 37 Practices in 1 State)</p>
<p>Cincinnati Area Research Improvement Group Network (CARInG Network)  <a href="http://www.familymedicine.uc.edu/research/caring_net.aspx">http://www.familymedicine.uc.edu/research/caring_net.aspx</a>                      Location: Ohio (With 33 Practices in 1 State)</p>	<p>The Pediatric Research Consortium (PeRC)*  <a href="http://www.research.chop.edu/programs/perc/">http://www.research.chop.edu/programs/perc/</a>                      Location: Pennsylvania (With 31 Practices Across 2 States)</p>
<p>Community Care (CC PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/community-care">http://pbrn.ahrq.gov/pbrn-registry/community-care</a>                      Location: Colorado (With 24 Practices in 1 State)</p>	<p>Practice Improvement Network, a program of the Quality Improvement Innovation Networks (PIN)  <a href="http://quinn.aap.org">http://quinn.aap.org</a>                      Location: Illinois (With 361 Practices Across 50 States and the territories of Guam, Puerto Rico, and Virgin Islands)</p>
<p>Care Coordination Institute (CCI)  <a href="http://ccihealth.org">http://ccihealth.org</a>                      Location: South Carolina (With 450 Practices Across 10 States)</p>	<p>Pediatric Physicians' Organization at Children's (PPOC)  <a href="http://www.ppochildrens.org">www.ppochildrens.org</a>                      Location: Massachusetts (With 80 Practices in 1 State)</p>
<p>Connecticut Center for Primary Care (CCPC)  <a href="http://www.centerforprimarycare.org">www.centerforprimarycare.org</a>                      Location: Connecticut (With 88 Practices in 1 State)</p>	<p>Pediatric Practice Research Group (PPRG)*  <a href="http://www.luriechildrensresearch.org/pprg/">http://www.luriechildrensresearch.org/pprg/</a>                      Location: Illinois (With 83 Practices Across 2 States)</p>
<p>Clinical Directors Network, Inc. (CDN)  <a href="http://www.CDNetwork.org">www.CDNetwork.org</a>                      Location: New York (With 250 Practices Across 50 States and the territories of Guam, Puerto Rico, and Virgin Islands)</p>	<p>Primary (Care) Practices Research Network (PPRNet)  <a href="http://www.musc.edu/pprnet">www.musc.edu/pprnet</a>                      Location: SC (With 159 Practices Across 50 States, the territories of Guam, Puerto Rico, and Virgin Islands, and Canada)</p>
<p>Cedars-Sinai Medical Delivery Network PBRN (Cedars-Sinai PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/cedars-sinai-medical-delivery-network-pbrn">http://pbrn.ahrq.gov/pbrn-registry/cedars-sinai-medical-delivery-network-pbrn</a>                      Location: California (With 8 Practices in 1 State)</p>	<p>Podiatry Research Network (PRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/podiatry-research-network">http://pbrn.ahrq.gov/pbrn-registry/podiatry-research-network</a>                      Location: Texas (With 5 Practices in 1 State)</p>

# PEDIATRIC PBRNs: UNDERSTANDING CHILDREN'S HEALTH

<b>PBRNs with an Interest in Pediatric Health</b>	
<p>Central Texas Primary Care Research Network (CenTexNet)  <a href="http://dorfam.sw.org">http://dorfam.sw.org</a>                      Location: Texas (With 35 Practices in 1 State)</p>	<p>Portland Research Network (PRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/portland-research-network">http://pbrn.ahrq.gov/pbrn-registry/portland-research-network</a>                      Location: Oregon (With 10 Practices in 1 State)</p>
<p>Centre for Family Medicine Development Practice Based Research Network (CFMD-PBRN)  <a href="http://cfmd.jp/pbrn/">http://cfmd.jp/pbrn/</a>                      Location: Tokyo, Japan (With 13 Practices)</p>	<p>Pediatric Research in Office Settings (PROS)  <a href="http://www2.aap.org/pros/">http://www2.aap.org/pros/</a>                      Location: Illinois (With 750 Practices Across 50 States)</p>
<p>Cystic Fibrosis Newborn Screening Practice Based Research Network (CFNBS PBRN)  <a href="http://www.cdph.ca.gov/programs/nbs/Pages/NBSCFParents.aspx">http://www.cdph.ca.gov/programs/nbs/Pages/NBSCFParents.aspx</a>                      Location: California (With 15 Practices in 1 State)</p>	<p>Quebec Practice-Based Research Network / Réseau de recherche axé sur les pratiques en première ligne (QPBRN / RRAPPL)  <a href="http://decision.chaire.fmed.ulaval.ca/">http://decision.chaire.fmed.ulaval.ca/</a>                      Location: Quebec (With 12 Practices)</p>
<p>Colorado Child Outcomes Network (COCONet)  <a href="http://pbrn.ahrq.gov/pbrn-registry/colorado-child-outcomes-network">http://pbrn.ahrq.gov/pbrn-registry/colorado-child-outcomes-network</a>                      Location: Colorado (With 15 Practices in 1 State)</p>	<p>Research Association of Practices of the PBRN Shared Resource (RAP)  <a href="http://www.case.edu/med/pbrn/">http://www.case.edu/med/pbrn/</a>                      Location: Ohio (With 135 Practices in 1 State)</p>
<p>Consortium for Collaborative Osteopathic Research Development - Practice-Based Research Network (CONCORD-PBRN)  <a href="http://www.hsc.unt.edu/orc/CONCORD-PBRN.html">http://www.hsc.unt.edu/orc/CONCORD-PBRN.html</a>                      Location: Texas (With 20 Practices Across 10 States)</p>	<p>Research &amp; Education for Academic Achievement Network (REACH Network)*  <a href="http://www.feinberg.northwestern.edu/sites/cch/research/practice-based/reach.html">http://www.feinberg.northwestern.edu/sites/cch/research/practice-based/reach.html</a>                      Location: Illinois (With 15 Practices in 1 State)</p>
<p>Central Ohio Practice Based Research Network (COPBRN)  <a href="http://familymedicine.osu.edu/13412.cfm">http://familymedicine.osu.edu/13412.cfm</a>                      Location: Ohio (With 32 Practices in 1 State)</p>	<p>Research Involving Outpatient Settings Network (RIOS Net)  <a href="http://fcm.unm.edu/programs/rios-net/">http://fcm.unm.edu/programs/rios-net/</a>                      Location: New Mexico (With 30 Practices in 1 State)</p>
<p>Chronic Obstructive Pulmonary Disease Ventura County Medical Center (COPDVCMCPBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/chronic-obstructive-pulmonary-disease-ventura-county-medical-center-pbrn">http://pbrn.ahrq.gov/pbrn-registry/chronic-obstructive-pulmonary-disease-ventura-county-medical-center-pbrn</a>                      Location: California (With 15 Practices in 1 State)</p>	<p>Rainbow Research Network (RRN)  <a href="http://www.case.edu/med/pbrn/networks/RRN/">http://www.case.edu/med/pbrn/networks/RRN/</a>                      Location: Ohio (OH) (With 81 Practices in 1 State)</p>
<p>Continuity Research Network (CORNET)  <a href="http://www.academicpediatrics.org/research/research_CORNET.cfm">http://www.academicpediatrics.org/research/research_CORNET.cfm</a>                      Location: Virginia (With 130 Practices Across 39 States)</p>	<p>Residency Research Network of Texas (RRNet)  <a href="http://iims.uthscsa.edu/RRNet/home">http://iims.uthscsa.edu/RRNet/home</a>                      Location: Texas (With 10 Practices in 1 State)</p>
<p>Consortium for Southeastern Hypertension Control (COSEHC)  <a href="http://pbrn.ahrq.gov/pbrn-registry/consortium-southeastern-hypertension-control">http://pbrn.ahrq.gov/pbrn-registry/consortium-southeastern-hypertension-control</a>                      Location: North Carolina (With 170 Practices Across 10 States)</p>	<p>Medication Safety Research Network of Indiana (Rx-SafeNet)  <a href="http://www.pharmacy.purdue.edu/rx-safenet/">http://www.pharmacy.purdue.edu/rx-safenet/</a>                      Location: Indiana (With 168 Practices in 1 State)</p>
<p>Community Physician's Network (CPNet)  <a href="http://pbrn.ahrq.gov/pbrn-registry/community-physicians-network">http://pbrn.ahrq.gov/pbrn-registry/community-physicians-network</a>                      Location: Georgia (With 135 Practices in 1 State)</p>	<p>Scalable Architecture for Federated Translational Inquiries Network (SAFTINet)  <a href="http://www.ucdenver.edu/academics/colleges/medicalschoool/programs/outcomes/COHO/saftinet/Pages/default.aspx">http://www.ucdenver.edu/academics/colleges/medicalschoool/programs/outcomes/COHO/saftinet/Pages/default.aspx</a>                      Location: Colorado (With 100 Practices Across 4 States)</p>



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<p>Centre for Studies in Primary Care (CSPC)  <a href="http://www.queensu.ca/cspc/index.html">http://www.queensu.ca/cspc/index.html</a>                      Location: Ontario, Canada (With 30 Practices)</p>	<p>The Studying, Acting, Learning and Teaching Network (SALT-Net)  <a href="http://upstate.edu/fmed/research/saltnet.php">http://upstate.edu/fmed/research/saltnet.php</a>                      Location: New York (With 22 Practices in 1 State)</p>
<p>CLEAR Scoliosis Research Network (CSRN)  <a href="http://www.clear-institute.org">www.clear-institute.org</a>                      Location: Texas (With 40 Practices Across 50 States and Singapore, Japan, Australia, South Africa, and Panama)</p>	<p>Southern Area Patient Oriented Research Organization (SAPORO)  <a href="http://pbrn.ahrq.gov/pbrn-registry/southern-area-patient-oriented-research-organization">http://pbrn.ahrq.gov/pbrn-registry/southern-area-patient-oriented-research-organization</a>                      Location: Louisiana (With 5 Practices in 1 State)</p>
<p>District of Columbia Primary Care Practice Based Research Network (DC PrimCare PBRN)  <a href="http://www.dcprimcare.com">www.dcprimcare.com</a>                      Location: Washington, DC (With 35 Practices Across 3 States)</p>	<p>Slone Center Office-based Research Network (SCOR Network)  <a href="http://www.bu.edu/slone/research/scor-network/">http://www.bu.edu/slone/research/scor-network/</a>                      Location: Massachusetts (With 488 Practices Across 50 States)</p>
<p>Developmental Disabilities Practice-Based Research Network (DD-PBRN)  <a href="http://ddpbrn.weebly.com/">http://ddpbrn.weebly.com/</a>                      Location: Ohio (With 12 Practices in 1 State)</p>	<p>South Carolina Pediatric Practice Research Network (SCPPRN)*  <a href="http://www.musckids.org/pediatrics/research/scpprn/">http://www.musckids.org/pediatrics/research/scpprn/</a>                      Location: South Carolina (With 16 Practices in 1 State)</p>
<p>Dietetics Practice Based Research Network (DPBRN)  <a href="http://eatright.org/members/dpbrn">http://eatright.org/members/dpbrn</a>                      Location: Illinois (With 1400 Practices Across 50 States and Australia, Bermuda, Greece, India, Israel, Jordan, Malawi, Norway, Saudi Arabia, Philippines, Singapore, Sweden)</p>	<p>Southeast Regional Clinicians Network (SERCN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/southeast-regional-clinicians-network">http://pbrn.ahrq.gov/pbrn-registry/southeast-regional-clinicians-network</a>                      Location: Georgia (With 1600 Practices Across 9 States)</p>
<p>Evidence-Based Decisions in Dentistry Practice-Based Research Network (EBD-PBRN)  <a href="http://www.ebd-pbrn.org/">www.ebd-pbrn.org/</a>                      Location: California (With 15 Practices Across 2 States and India, Italy, Portugal, and Brazil)</p>	<p>San Francisco Bay Area Collaborative Research Network (SF Bay CRN)  <a href="http://www.sfbaycrn.org">www.sfbaycrn.org</a>                      Location: California (With 200 Practices in 1 State)</p>
<p>Eastern Carolina Association for Research &amp; Education (E-CARE)  <a href="http://www.nc-e-care.com/">http://www.nc-e-care.com/</a>                      Location: North Carolina (With 26 Practices in 1 State)</p>	<p>Scripps Health PBRN (SH)  <a href="http://pbrn.ahrq.gov/pbrn-registry/scripps-health-pbrn">http://pbrn.ahrq.gov/pbrn-registry/scripps-health-pbrn</a>                      Location: California (With 5 Practices in 1 State)</p>
<p>Free Clinic Research &amp; Educational Engagement Network (FREENet)  <a href="http://www.transformationsattheedge.org">http://www.transformationsattheedge.org</a>                      Location: Florida (With 24 Practices Across 4 States)</p>	<p>Southern Illinois Practice Research Organization (SIPRO)  <a href="http://www.sihf.org">www.sihf.org</a>                      Location: Illinois (With 31 Practices in 1 State)</p>
<p>Great Lakes Research Into Practice Network (GRIN)  <a href="http://www.grinpbrn.org">www.grinpbrn.org</a>                      Location: Michigan (With 172 Practices in 1 State)</p>	<p>Appalachia SMART-NET, PBRN (SMART-NET USA)                      Location: Massachusetts (With 320 Practices Across 9 States and India)</p>
<p>Greater Rochester Practice-Based Research Network (GR-PBRN)*  <a href="http://www.urmc.rochester.edu/gr-pbrn/">http://www.urmc.rochester.edu/gr-pbrn/</a>                      Location: New York (With 85 Practices in 1 State)</p>	<p>Safety Net Provider's Strategic Alliance (SNPSA)  <a href="http://snpsa.weebly.com/about.html">http://snpsa.weebly.com/about.html</a>                      Location: Ohio (With 20 Practices in 1 State)</p>
<p>HamesNet (HamesNet)  <a href="http://pbrn.ahrq.gov/pbrn-registry/hamesnet">http://pbrn.ahrq.gov/pbrn-registry/hamesnet</a>                      Location: Georgia (With 46 Practices in 1 State)</p>	<p>Southwestern Ohio Ambulatory Research Network (SOAR-Net)  <a href="https://www.med.wright.edu/soarnet/">https://www.med.wright.edu/soarnet/</a>                      Location: Ohio (With 15 Practices in 1 State)</p>



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<b>PBRNs with an Interest in Pediatric Health</b>	
<p>Health Choice Network-Practice Based Research Network (HCN-PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/health-choice-network-practice-based-research-network">http://pbrn.ahrq.gov/pbrn-registry/health-choice-network-practice-based-research-network</a>                      Location: Florida (With 313 Practices Across 10 States)</p>	<p>South Asian PBRN (SAIHP PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/saihp-pbrn">http://pbrn.ahrq.gov/pbrn-registry/saihp-pbrn</a>                      Location: India (With 9 Practices)</p>
<p>Holistic Healthcare and Research Centre (Holistic Healthcare and Research Centre)  <a href="http://www.hcro.org/">http://www.hcro.org/</a>                      Location: Andhra Pradesh (With 15 Practices in 1 State)</p>	<p>Southern Primary-care Urban Research Network (SPUR-Net)  <a href="http://pbrn.ahrq.gov/pbrn-registry/southern-primary-care-urban-research-network">http://pbrn.ahrq.gov/pbrn-registry/southern-primary-care-urban-research-network</a>                      Location: Texas (With 32 Practices in 1 State)</p>
<p>High Plains Research Network (HPRN)  <a href="http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/familymed/research/PBRN/HPRN/Pages/HPRN.aspx">http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/familymed/research/PBRN/HPRN/Pages/HPRN.aspx</a>                      Location: Colorado (With 56 Practices in 1 State)</p>	<p>South Texas Ambulatory Research Network (STARNet)  <a href="http://iims.uthscsa.edu/STARNet/home">http://iims.uthscsa.edu/STARNet/home</a>                      Location: Texas (With 40 Practices in 1 State)</p>
<p>The International Chiropractic Pediatrics Association PBRN (ICPA PBRN)  <a href="http://icpa4kids.com/research/pbrn.htm">http://icpa4kids.com/research/pbrn.htm</a>                      Location: Pennsylvania (With 3500 Practices Across 50 States and the territories of Guam, Puerto Rico, and Virgin Islands)</p>	<p>South Texas Oral Health Network (STOHN)  <a href="http://iims.uthscsa.edu/STOHN/home">http://iims.uthscsa.edu/STOHN/home</a>                      Location: Texas (With 65 Practices in 1 State)</p>
<p>The Institute for Family Health Research Network (IFHRN)  <a href="http://www.institute2000.org">www.institute2000.org</a>                      Location: New York (With 27 Practices in 1 State)</p>	<p>South Texas Psychiatric Practice-Based Research Network (STP PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/south-texas-psychiatric-practice-based-research-network">http://pbrn.ahrq.gov/pbrn-registry/south-texas-psychiatric-practice-based-research-network</a>                      Location: Texas (With 72 Practices in 1 State)</p>
<p>Iowa Research Network (IRENE)  <a href="http://www.medicine.uiowa.edu/familymedicine/irene/">http://www.medicine.uiowa.edu/familymedicine/irene/</a>                      Location: Iowa (With 186 Practices in 1 State)</p>	<p>Southeast Wisconsin Alliance for Translating Research into Practice (SWATRP)  <a href="http://pbrn.ahrq.gov/pbrn-registry/southeast-wisconsin-alliance-translating-research-practice-0">http://pbrn.ahrq.gov/pbrn-registry/southeast-wisconsin-alliance-translating-research-practice-0</a>                      Location: Wisconsin (With 44 Practices in 1 State)</p>
<p>Jacksonville Health Equity Research Organization (JaxHERO)  <a href="http://hscj.ufl.edu/research/jaxhero/">http://hscj.ufl.edu/research/jaxhero/</a>                      Location: Florida (With 48 Practices in 1 State)</p>	<p>Texas A&amp;M Health Science Center Rural and Community Health Institute (TAMHSC-RCHI)  <a href="http://www.rchitexas.org">www.rchitexas.org</a>                      Location: Texas (With 60 Practices in 1 State)</p>
<p>Johns Hopkins Community Physicians Primary Care Research Network (JHCP-PCRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/johns-hopkins-community-physicians-primary-care-research-network">http://pbrn.ahrq.gov/pbrn-registry/johns-hopkins-community-physicians-primary-care-research-network</a>                      Location: Maryland (With 36 Practices Across 3 States)</p>	<p>The Dartmouth Practice-based Research Network (The Dartmouth CO-OP Project)  <a href="http://www.Dartmouthcoopproject.org">www.Dartmouthcoopproject.org</a>                      Location: New Hampshire (With 575 Practices Across 4 States)</p>
<p>Kentucky Ambulatory Network (KAN)  <a href="http://www.ccts.uky.edu/ccts/KAN">http://www.ccts.uky.edu/ccts/KAN</a>                      Location: Kentucky (With 60 Practices in 1 State)</p>	<p>Frontier Rural Innovations Network (The Innovations Network)  <a href="http://www.frontierrural.org">http://www.frontierrural.org</a>                      Location: Kentucky (With 25 Practices Across 10 States)</p>



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<b>PBRNs with an Interest in Pediatric Health</b>	
<p>Kansas Patients and Providers Engaged in Prevention Research (KPPEPR)  <a href="http://pbrn.ahrq.gov/pbrn-registry/kansas-patients-and-providers-engaged-prevention-research">http://pbrn.ahrq.gov/pbrn-registry/kansas-patients-and-providers-engaged-prevention-research</a>                      Location: Kansas (With 50 Practices in 1 State)</p>	<p>The National Dental Practice-Based Research Network (The National Dental PBRN or The Nation's Network)  <a href="http://NationalDentalPBRN.org">http://NationalDentalPBRN.org</a>                      Location: Alabama (With 750 Practices Across 50 States)</p>
<p>La Maestra Family Clinic, Inc. (La Maestra)  <a href="http://www.lamaestra.org">www.lamaestra.org</a>                      Location: California (With 4 Practices in 1 State)</p>	<p>UCLA Primary Care Research Network (UCLA PCRN)  <a href="http://gim.med.ucla.edu/pages_research/cprn.php">http://gim.med.ucla.edu/pages_research/cprn.php</a>                      Location: California (With 200 Practices in 1 State)</p>
<p>LA Net Community Health Resource and Research Network (LA Net)  <a href="http://www.lanetpbrn.net">www.lanetpbrn.net</a>, <a href="http://www.projectechola.org">www.projectechola.org</a>                      Location: California (With 100 Practices in 1 State)</p>	<p>UMass Family Medicine PBRN (UMass Family Medicine PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/umass-family-medicine-pbrn">http://pbrn.ahrq.gov/pbrn-registry/umass-family-medicine-pbrn</a>                      Location: Massachusetts (With 10 Practices in 1 State)</p>
<p>Los Angeles County Department of Health Services, Ambulatory Care Network - Research &amp; Innovation (LAC DHS ACN-R&amp;I)  <a href="http://www.ladhs.org">www.ladhs.org</a>                      Location: California (With 73 Practices in 1 State)</p>	<p>Upstate New York Practice Based Research Network (UNYNET)  <a href="http://fammed.buffalo.edu/unynet/">http://fammed.buffalo.edu/unynet/</a>                      Location: New York (With 49 Practices in 1 State)</p>
<p>Lehigh Valley Practice Based Research Network (Lehigh Valley PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/lehigh-valley-practice-based-research-network">http://pbrn.ahrq.gov/pbrn-registry/lehigh-valley-practice-based-research-network</a>                      Location: Pennsylvania (With 82 Practices in 1 State)</p>	<p>University of Tennessee Pharmacist Practice Based Research Network (UT Pharm Net)  <a href="http://pbrn.ahrq.gov/pbrn-registry/university-tennessee-pharmacist-practice-based-research-network">http://pbrn.ahrq.gov/pbrn-registry/university-tennessee-pharmacist-practice-based-research-network</a>                      Location: Tennessee (With 8 Practices in 1 State)</p>
<p>Lutheran Family Health Center Network (Lutheran Network)  <a href="http://www.LutheranMedicalCenter.com">www.LutheranMedicalCenter.com</a>                      Location: New York (With 9 Practices in 1 State)</p>	<p>University of Toronto Practice-Based Research Network (UTOPIAN)  <a href="http://www.dfcm.utoronto.ca/research/UTOPIAN.htm">http://www.dfcm.utoronto.ca/research/UTOPIAN.htm</a>                      Location: Ontario, Canada (With 20 Practices)</p>
<p>Machine On Machine Mankind Interface PBRN (M.O.M.M.I.)  <a href="http://www.carethings.com">www.carethings.com</a>; <a href="http://www.wear-os.org">www.wear-os.org</a>                      Location: California (With 4 Practices Across 2 States)</p>	<p>University of Utah Primary Care Research Network (UUPCRN)  <a href="http://www.medicine.utah.edu/dfpm/divisionph/research/UUPCRN/index.htm">www.medicine.utah.edu/dfpm/divisionph/research/UUPCRN/index.htm</a>                      Location: Utah (With 10 Practices in 1 State)</p>
<p>Minnesota Academy of Family Physicians Research Network (MAFPRN)  <a href="http://www.mafp.org/research">http://www.mafp.org/research</a>                      Location: Minnesota (With 135 Practices Across 2 States)</p>	<p>Ventura County Medical Center Diabetes Data Control Project Practice Based Research Network (VCMCDDCP)  <a href="http://healthyventuracounty.org/healthy-eating/diabetes-diet-prevention/">http://healthyventuracounty.org/healthy-eating/diabetes-diet-prevention/</a>                      Location: California (With 28 Practices in 1 State)</p>
<p>Mecklenburg Area Partnership for Primary Care Research (MAPPR)  <a href="http://www.mapprnc.org">www.mapprnc.org</a>                      Location: North Carolina (With 97 Practices Across 2 States)</p>	<p>Weitzman Institute Safety Net Practice Based Research Network (WINS PBRN)  <a href="http://www.WeitzmanInstitute.com">www.WeitzmanInstitute.com</a>                      Location: Connecticut (With 25 Practices Across 2 States)</p>
<p>Massachusetts School Nurse Research Network, Inc. (MASNRN)*  <a href="http://www.masnrn.org">www.masnrn.org</a>                      Location: Massachusetts (With 112 Practices in 1 State)</p>	<p>Western New York Pediatric Innovation Network (WNY-PIN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/western-new-york-pediatric-innovation-network">http://pbrn.ahrq.gov/pbrn-registry/western-new-york-pediatric-innovation-network</a>                      Location: New York (With 8 Practices in 1 State)</p>



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<b>PBRNs with an Interest in Pediatric Health</b>	
<p>Mayo Clinic Health System Practice-Based Research Network (MCHS PBRN)  <a href="http://www.mayo.edu/ctsa/community/mayo-clinic-health-system-practice-based-research-network">http://www.mayo.edu/ctsa/community/mayo-clinic-health-system-practice-based-research-network</a>                      Location: Minnesota (With 125 Practices Across 3 States)</p>	<p>WWAMI region Practice and Research Network (WPRN)  <a href="https://depts.washington.edu/fammed/research/wprn-center/">https://depts.washington.edu/fammed/research/wprn-center/</a>                      Location: Washington (With 49 Practices Across 5 States)</p>
<p>Metropolitan Detroit Practice-based Research Network (MetroNet)*  <a href="http://www.med.wayne.edu/fam/research_scholarship/etronet.asp">http://www.med.wayne.edu/fam/research_scholarship/etronet.asp</a>                      Location: Michigan (With 18 Practices in 1 State)</p>	<p>Wisconsin Research and Education Network (WREN)  <a href="http://www.fammed.wisc.edu/research/wren">http://www.fammed.wisc.edu/research/wren</a>                      Location: Wisconsin (With 80 Practices in 1 State)</p>
<p>Massachusetts General Primary Care Practice Based Research Network (MGPC-PBRN)  <a href="http://pbrn.ahrq.gov/pbrn-registry/massachusetts-general-primary-care-practice-based-research-network">http://pbrn.ahrq.gov/pbrn-registry/massachusetts-general-primary-care-practice-based-research-network</a>                      Location: Massachusetts (With 19 Practices in 1 State)</p>	<p>Washington University Pediatric and Adolescent Ambulatory Research (WU PAARC)*  <a href="http://icts.wustl.edu/icts-researchers/icts-cores/find-services/by-core-name/washington-university-pediatric-adolescent-ambulatory-research-consortium-wu-paarc">http://icts.wustl.edu/icts-researchers/icts-cores/find-services/by-core-name/washington-university-pediatric-adolescent-ambulatory-research-consortium-wu-paarc</a>                      Location: Missouri (With 33 Practices Across 2 States)</p>
<p>Minnesota Pharmacy Practice-Based Research Network (Minnesota Pharmacy PBRN)  <a href="http://www.mpha.org/associations/9746/files/PBRN/index.html">http://www.mpha.org/associations/9746/files/PBRN/index.html</a>                      Location: Minnesota (With 366 Practices in 1 State)</p>	<p>West Virginia Practice Based Research Network (WVPBRN)  <a href="https://pbrn.ahrq.gov/pbrn-registry/west-virginia-practice-based-research-network">https://pbrn.ahrq.gov/pbrn-registry/west-virginia-practice-based-research-network</a>                      Location: West Virginia (With 53 Practices in 1 State)</p>

\*Featured in this summary.

For more information on these and other AHRQ-registered PBRNs, visit the [PBRN Registry](#). Use the PBRN Registry [advanced search feature](#) to search for networks by location, type of network, health conditions of interest, and geographic coverage.



## Citations

Ariza AJ, Hartman J, Grodecki J, et al. Linking pediatric primary care obesity management to community programs. *J Health Care Poor Underserved* 2013;24(2 Suppl):158-67. PMID: 23727972.

Funding: The Otho S.A. Sprague Memorial Institute

Fiks AG, Grundmeier RW, Mayne S, et al. Effectiveness of decision support for families, clinicians, or both on HPV vaccine receipt. *Pediatrics* 2013 Jun;131(6):1114-24. PMID: 23650297.

Funding: This research was conducted by the Children's Hospital of Philadelphia under contract to the Agency for Healthcare Research and Quality, contract number HHS 290-07-10013, Task Order 4, Rockville, Maryland. This research was also supported by award number K23HD059919 from the Eunice Kennedy Shriver National Institute of Child Health & Human Development. Funded by the National Institutes of Health (NIH).

Garbutt JM, Mandrell KM, Allen M, et al. Parents' experiences with pediatric care at retail clinics. *JAMA Pediatr* 2013 Sep;167(9):845-50. PMID: 23877236.

Funding: This study was supported by grant UL1 RR024992 from the National Center for Research Resources, a component of the National Institutes of Health, and a National Institutes of Health Roadmap for Medical Research.

Humiston SG, Serwint JR, Szilagyi PG, et al. Increasing adolescent immunization rates in primary care: strategies physicians use and would consider implementing. *Clin Pediatr (Phila)* 2013 Aug;52(8):710-20. PMID: 23580625.

Funding: The Centers for Disease Control and Prevention (CDC)

Kopec MT, Randel J, Naz B, et al. Using the Guidelines for Adolescent Preventive Services to estimate adolescent depressive symptoms in school-based health centers. *Fam Med* 2010 Mar;42(3):193-201. PMID: 20204895.

Funding: This research was supported by a Student Award Program grant from the Blue Cross and Blue Shield of Michigan Foundation and a research award from the Wayne State University School of Medicine Alumni Association, both bestowed to Dr. Kopec.

Lavigne JV, Dulcan MK, LeBailly SA, et al. Computer-assisted management of attention-deficit/hyperactivity disorder. *Pediatrics* 2011 Jul;128(1):e46-53. PMID: 21669891.

Funding: This study was supported by National Institute of Mental Health grant RO1 MH 066866 (to Dr Lavigne). This trial has been registered at [www.clinicaltrials.gov](http://www.clinicaltrials.gov) (identifier [NCT00179894](https://clinicaltrials.gov/ct2/show/study/NCT00179894)).

# PEDIATRIC PBRNs: UNDERSTANDING CHILDREN'S HEALTH

Rader RK, Mullen KB, Sterkel R, et al. Opportunities to reduce children's excessive consumption of calories from beverages. *Clin Pediatr (Phila)* 2014 Oct;53(11):1047-54. PMID: 24990366.

Funding: This study was supported by the Washington University Institute of Clinical and Translational Sciences Grant No. UL1 TR000448 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH) and the Children's Discovery Institute (Grant No. LI-2012-200).

Roberts JR, Kennedy SA, Darden PM, et al. Prevalence of obesity in children: comparing children from the South Carolina pediatric practice research network with a national sample. *Clin Pediatr (Phila)* 2010 Aug;49(8):750-5. PMID: 20651257.

Funding: This project was supported by the Agency for Healthcare Research and Quality (Grant Number K08HS015679) and the Health Resources and Services Administration (Grant Number D54HP05448)].

<http://www.musckids.org/pediatrics/research/scpprn/index.htm>. Accessed July 13, 2015.

Vessey JA, O'Neill KM. Helping students with disabilities better address teasing and bullying situations: a MASNRN study. *J Sch Nurs* 2011 Apr;27(2):139-48. PMID: 20956579. Funding: This research was funded by Deborah Munroe Noonan Memorial Research Fund.



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