



CHILDREN'S HOSPITAL  
& RESEARCH CENTER OAKLAND

2011  
**COMMUNITY  
BENEFIT  
REPORT**

**100% KID-FOCUSED**

SUBMITTED TO THE STATE OF CALIFORNIA  
MAY 31, 2012





**CHILDREN'S HOSPITAL & RESEARCH CENTER OAKLAND  
2011 COMMUNITY BENEFIT REPORT**

**TABLE OF CONTENTS**

<b>I.</b>	<b>Welcome</b> .....	4
<b>II.</b>	<b>Children's Hospital &amp; Research Center Oakland</b> .....	5
<b>III.</b>	<b>Community Benefits Report Overview</b> .....	6
<b>IV.</b>	<b>Community Benefit Activities</b> .....	7
	<b>Undercompensated Healthcare Services</b>	
	Charity Care .....	8
	Undercompensated Government Sponsored Means-Tested Healthcare .....	8
	<b>Mental &amp; Behavioral Health Services</b>	
	Center for Child Protection .....	9
	Center for the Vulnerable Child .....	10
	Early Intervention Services .....	12
	<b>Chronic Disease Management Services</b>	
	Center for Asthma Education, Management, and Research .....	14
	Diabetes Program .....	15
	Hemoglobinopathy Center .....	16
	Pediatric HIV/AIDS Program .....	18
	Camps for Children with Special Health Needs .....	19
	<b>Prevention Services</b>	
	Healthy Hearts .....	20
	Community Farmer's Market and Dover St. Garden .....	22
	Kohl's Injury Prevention Program .....	23
	Sports Medicine Center for Young Athletes .....	24
	Education for Patients, Families, and the Public .....	25
	<b>Primary Care Services</b>	
	Juvenile Justice Clinic .....	26
	School-Based Health Centers .....	27
	Primary Care Clinic, Community-Based Programs .....	28
	<b>Hospital-Based Family Services</b>	
	Child Life Program .....	29
	Family Services .....	30
	<b>Educational Services</b>	
	Professional Education at Children's .....	32
	Education for Professionals in the Community .....	33
	FACES for the Future .....	34
	CHORI Summer Student Research Program .....	35
	<b>Community Building and Trauma Care Services</b>	
	Advocacy .....	36
	Children's Global Health Initiative .....	37
	Trauma Care .....	38
	Volunteerism .....	39
	<b>Research</b>	
	Children's Hospital Oakland Research Institute .....	40
<b>V.</b>	<b>Economic Impact</b> .....	41



## I. Welcome

Children's Hospital & Research Center Oakland (Children's) offers children and their families outstanding medical and surgical programs, spanning the healthcare spectrum from primary to quaternary care. Our mission is to provide services to our communities to improve the health and well-being of their children and families regardless of their ability to pay. Community service and social justice have been an essential value at Children's since it was founded 100 years ago.

While the health needs of children, and the way healthcare is delivered, has changed in the past century, Children's has never wavered in making community service a cornerstone of its mission.

Although Children's is a private, not-for-profit medical center, it provides a major public service. Children's is the pediatric safety net hospital for the region, meeting the health needs of children in the communities it serves. Children's devotes attention to developing and supporting prevention-oriented programs designed to eliminate the disparities in health outcomes between children of different ethnicities and economic groups. Children's trains the next generation of clinicians to appreciate diverse cultural perspectives and the larger societal and environmental context in which health and disease occur. Children's, through its research institute, conducts leading-edge basic and clinical research that translates into better care and health outcomes locally and globally.

Our values are a reason why Children's has such an outstanding group of healthcare providers, offers the largest number of ambulatory, preventative services of any pediatric facility in the Bay Area, and is the destination choice for hundreds of thousands of children. The 2011 Community Benefit Report highlights many of the ways Children's has fulfilled its commitment to address the health needs in our community and beyond.

As the only pediatrician serving as CEO of a children's hospital in the state of California, I am proud of our services to the community and honored to be in this position.

Respectfully,

A handwritten signature in black ink that reads "Bertram Lubin, MD". The signature is written in a cursive style with a small flourish at the end.

**Bertram Lubin, MD**  
President & Chief Executive Officer

## II. Children's Hospital & Research Center Oakland

### Mission

To protect and advance the health and well-being of children through clinical care, teaching, and research.

### Service Area and Scope of Services

Children's Hospital & Research Center Oakland (Children's) is a regional pediatric medical center located in Oakland, Alameda County, California. Children's offers a broad range of inpatient, outpatient, and community-based services, with experts in 30 distinct pediatric subspecialties. It is designated as a Level 1 pediatric trauma center and a federally qualified health center with a service area that encompasses kids who live throughout Northern California and even some from other states and countries. About 80% of patients who visit Children's live in either Alameda or Contra Costa county, and Children's serves as the pediatric safety net hospital for both of these counties since neither county's public hospitals have beds to accommodate children. Our inpatient facility is comprised of 190 general acute care beds—170 on the main campus and 20 leased beds at Alta Bates Summit Medical Center. Children's also runs the largest pediatric primary care clinic in Oakland, two comprehensive school-based clinics and a clinic at the Alameda County Juvenile Justice Center in San Leandro. In addition to the programs and services in Oakland, Children's operates outpatient pediatric specialty care centers in Brentwood, Larkspur, Pleasanton, and Walnut Creek.

In 2011, a total of more than 77,000 patients made 10,254 inpatient visits and 264,014 outpatient visits at Children's facilities, including 47,611 visits to Children's Emergency Department and 34,686 visits to its primary care clinics. These patients were 29% Latino, 22% African American, 16% White, 5% Asian/Pacific Islander, and 18% Other, and spoke 53 languages.

### Governance

Children's Board of Directors is comprised of 22 members who serve three-year terms on a voluntary basis. Board members' backgrounds and areas of expertise include finance, medical practice, corporate management, law, non-profit management, and government. The Board sets the strategic direction of the organization. The Board provides oversight and fiduciary responsibility to Children's, the Foundation and Children's Hospital Oakland Research Institute (CHORI).



## III. Community Benefits Report Overview

Through SB 697, the State of California requires all non-profit hospitals in California to complete and submit an annual Community Benefit Report. Although hospitals bring numerous benefits to their local economies, these reports are intended to document the ways in which the hospital supports the health needs of its community that go above and beyond the core functions of a hospital. In addition, every three years hospitals must conduct a needs assessment to identify the greatest health needs affecting their respective communities and drive their community benefit activities. Children's led a community needs assessment in 2010 to identify the most pressing local public health issues affecting children. The results of this needs assessment were included in the 2010 Community Benefits Report.

### Definition of a Community Benefit

Although SB 697 provides some general guidance, there is not one official definition of a community benefit. The following is the definition we have followed: A community benefit is "a planned, managed, organized, and measured approach to meeting documentable community needs intended to improve access to care, health status and quality of life." It is generally accepted that a community benefit should meet one or more of these criteria:

- Responds to public health needs
- Responds to the needs of a special or at-risk population
- Improves access to care
- Generates no (or negative) profit margin
- Would likely be discontinued if the decision were made on a purely financial basis
- Not considered community benefits are bad debt, programs and activities designed for marketing purposes or fundraising, services that are considered standard of care or the "cost of doing business," in-services for hospital staff, volunteering by employees on their own time, and facility improvements.

### Creation of the 2011 Community Benefit Report

This report was spearheaded by the Community Benefits Oversight Group with input from individuals representing programs and departments throughout the hospital. The 2011 Community Benefits Oversight Group includes:

**Adam Davis, MPH, MA**

Community Health and Research Navigator

**Cynthia Chiarappa, MBA**

Vice President, Marketing and Corporate Communications

**Bertram Lubin, MD**

President and Chief Executive Office

**Bernardette Arellano**

Manager, Government and Community Relations

**Barbara Stagers, MD**

Executive Director, External Affairs and Community Relations; Director, Adolescent Medicine

**Terry Oertel**

Manager, Government Contracting

### Dissemination of the Community Benefit Report

Upon completion, the 2011 report was submitted to the Children's Board of Directors for approval and made available to hospital staff and the general public via the Children's website, handouts at public events, and targeted mailings. The report may be sent to local community groups, donors, print media, and mayors, city council members, and other elected officials in our service area. Children's also maintains public awareness of its community services through social media, traditional media coverage of the hospital, and *Children's HandPrints*, a hospital magazine sent out biannually.

The report was authored by Adam Davis, MPH, MA, with assistance from Grace Kim and Alina Shnake-Mahl, and designed by Children's Marketing Communications Department.

Contact Adam Davis at [AdDavis@mail.chc.org](mailto:AdDavis@mail.chc.org) for more information.

## IV. Community Benefit Activities

(pages 9-34)

**Section IV describes the activities Children's has undertaken to address the identified health priorities.**



# Undercompensated Healthcare

---

## Un(der) compensated Government Sponsored Healthcare

---

A shortfall is created when Children's receives payments that are less than the cost of caring for low income patients covered by government sponsored health insurance. These unpaid costs count as a community benefit. Counted in this category are unpaid costs related to Medicaid, State Children's Health Insurance Program (SCHIP), and days/visits or services not covered by Medicaid or other means-tested government sponsored programs. Approximately 68% of all visits to Children's in 2011 were for patients who received public insurance. The unpaid costs incurred by Children's to provide services to patients with government sponsored healthcare in 2011 is listed on page 41. When compared to other children's hospitals in California that have a similar payer mix, Children's provided double the unreimbursed MediCal costs and had more than double the costs of total means-tested care.

## Charity Care

---

As part of its commitment to serve the community, Children's provides free or discounted care, also known as "charity care," to families who don't qualify for public insurance and meet certain eligibility requirements. Our charity care program requires that patients complete an application and provide supporting documentation to verify income. Self-pay patients who present to the Emergency Department are provided a brochure describing our charity care program. We also have a statement on the bill advising parents they may be eligible for financial assistance. A patient could have a service at any location at Children's, contact us to request a charity care application, and then qualify for charity. In 2011, Children's provided a level of charity care that is significantly higher than any other children's hospital in California (see page 41).

# Center for Child Protection

Injuries and fatalities due to violence are important issues in the community as there are more than 5,000 visits to emergency departments in Alameda County each year due to assaults. Homicides among 15 to 24 year olds are the highest in 15 years. The Center for Child Protection (CCP), established at Children’s more than 30 years ago, provides medical and mental health services to children and adolescents abused or exposed to violence. This includes mental health services composed of clinical case management, group and individual psychotherapy, crisis intervention, and workshops. In 2011, CCP served more than 700 children. CCP’s physicians also handle legal obligations related to a child’s abuse (law enforcement, child protective services, DA). No other program provides these services in the East Bay area.

**Administrative Office:** ☎ (510) 428-3742

**Manager:** Shelley Hamilton, LCSW ☎ (510) 428-3588 ✉ shamilton@mail.choc.org

**Division Chief and Medical Director:** James Crawford-Jakubiak, MD ☎ (510) 428-3759 ✉ jcrawford@mail.choc.org

## Direct Services

**Forensic Examinations**—CCP is the designated site in Alameda County for acute forensic medical services for children <14 years, and non-acute services for children <18. Acute forensic examinations are performed by the CCP medical staff for children under 14 years old when the alleged sexual abuse occurred within 72 hours. Non-acute forensic examinations for children under the age of 18 are performed in the CCP’s outpatient clinic through appointment only.

**First Responders**—CCP physicians are available 24/7 to provide immediate response to sexual assault cases in the ED. CCP’s social worker team serves as first responders to child abuse cases in the ED until 7 p.m. CCP also provides specialty consults to inpatients.

**Trauma-Informed Mental Health Services**—Therapy is provided to children, adolescents, and their families who have been exposed to trauma, including child abuse and/or witness to violence. Through individual, sibling, group, and/or family therapy, the CCP’s clinical staff works with these clients to minimize difficulties. Psychotherapy is provided in several locations in Alameda County.

**Domestic Violence Education and Screening (DOVES Project)**—The DOVES Project is a pioneering pediatric domestic violence project that provides individual and group psychotherapy to children and their battered caregivers as a strategy in the early prevention of child abuse.

## Education and Outreach

**Camp Creating Confident People (Camp CCP)**—This camp is a unique innovative program that combines the rite-of-passage experience of summer day camp with group psychotherapy and support for children exposed to child abuse trauma and/or violence. A modified version of Camp CCP, called Kids Connect, is offered throughout the year. In 2011, 36 children participated in Camp CCP and dozens of others participated in the Kids Connect program services.

**KidPower Workshops**—KidPower are group workshops that teach “people safety” skills to children and adolescents and caregiving skills to parents and professionals. CCP offers sessions in English and Spanish, and also special classes for children with special learning needs. The program focuses on how to be emotionally and physically safe with others and themselves. In 2011, 114 adult caregivers/professionals and 70 children participated in KidPower.

**Clinical Case Management**—Case management is provided to children and adolescents who are seen in the emergency department and/or child abuse management clinic following diagnosis or disclosure of abuse. Clinical case management assists families with navigating the criminal justice system, arranging necessary medical follow-up, as well as assisting with community source referrals.

## Center for the Vulnerable Child

Children from birth to age 18 who are living in situations that put them at risk for educational, physical, mental, or social health issues can, along with their families, receive services from another unique program at Children's called the Center for the Vulnerable Child (CVC). Many patients are foster youth, homeless, exposed to drugs, or experience abuse or neglect. Around 3,000 children and families receive medical care, psychotherapy, and social services from the CVC each year. The services are culturally informed, family friendly, and usually occur in the caregivers' home or the community in order to reduce barriers to service delivery. The majority of CVC's Advisory Board is composed of parents of children who have used CVC services. The CVC Advisory Board is responsible for overseeing the provision of CVC services and provides feedback, direction, and vision for the CVC.

---

**Administrative Office:** ☎ (510) 428-3783

**Director:** Allison Briscoe-Smith, PhD ☎ (510) 428-3783, ext. 2711 ✉ [abriscoesmith@mail.cho.org](mailto:abriscoesmith@mail.cho.org)

**Clinical Director:** Luann DeVoss, PhD ☎ (510) 428-3148 ✉ [ldevoss@mail.cho.org](mailto:ldevoss@mail.cho.org)

---

### Direct Services

**Child Assessment and Transitional Services (CATS)**—Mental health services and case management through the CATS program are available to children from birth to age 18 who are part of family maintenance services of the foster care system. This program is a collaboration between the CVC, the Alameda County Department of Children and Family Services, and the Alameda County Behavioral Health Care Service.

**Case Management, Outreach, Referrals and Education Program (CORE)**—The CORE program helps families with children under age 19 who are homeless or in transition by providing short-term or long-term clinical case management, counseling, parenting support, and other services.

**The Preschool and School Age Services, Assessment, Guidance and Education Program (PASSAGE)**—PASSAGE provides case management, mental healthcare, family support services, and school advocacy to caregivers and families with children up to age 12 who are in foster care. Families receive PASSAGE services in their home for a period of 6-12 months.

**Services to Enhance Early Development (SEED)**—Through SEED, in collaboration with the Department of Child and Family Services and Alameda County Public Health, children ages 0-3 who are in the welfare system, their families, and their care giving system, are provided case management, infant-parent psychotherapy, mental health screening, developmental and mental health assessment, parental support, and other services

**Encore Medical Clinics (EMC)**—EMC outreach workers unite children under 19 years of age who are homeless or living in transitional housing with a medical home. Dental care is also available to EMC patients. There were 563 visits to the EMC in 2011. EMC is a collaboration between CVC and Children's Primary Care Clinic.

**Family Outreach and Support Clinic (FOSC)**—FOSC serves children from birth to 12 years who are currently or have been in foster care. FOSC is a collaboration between CVC and Children's Primary Care Clinic.

---

## Research

---

Part of the CVC's mission is to provide research on the vulnerable populations it serves. The CVC is partially funded by a Health Resources and Services Administration grant which supports ongoing research on primary care and mental health services to families experiencing homelessness and/or foster care. The CVC has a strong history of research on service utilization and implementation for homeless families, relationships between foster care and homelessness, and the utilization of CVC services over time.

---

## Education and Outreach

---

The CVC provides a variety of programs that teach parenting skills to caregivers and parents. Foster parents, adoptive parents, and related caregivers are offered seminars and facilitated parenting support groups two times each month.

**The CVC also provides training to healthcare and other professionals who work with vulnerable children:**

- **Psychology Fellowship Program**—Postdoctoral fellows are introduced to clinical work with children in foster care through the CVC's SEED program. They learn a variety of clinical skills such as conducting psychological assessments and psychotherapies with infants and parents, individuals, groups, and families.
- **Practicum Placements**—Training positions are available to master's level mental health clinicians in the CORE and CATS programs. Trainees have rich clinical experiences working with families experiencing trauma, homelessness and/or foster care. These clinicians also participate in didactic and cultural accountability seminars.
- **SEED Consultation Project**—Through interactive consultation, child welfare workers, police, and public defenders learn about infant mental health and the needs of young children who are in the welfare system.

## Early Intervention Services

Early Intervention Services (EIS) focuses on providing therapeutic interventions and child development services for infants and young children (ages 0-6) with emerging developmental, medical, and social-emotional delays. EIS services are family-centered and are predominantly delivered in the home. Group services are offered at community-based locations. Each year more than 700 families utilize EIS, and many more agencies and children are reached through training and consultation activities.

---

**Director:** Susan Greenwald, LCSW ☎ (510) 428-3261 ✉ [sgreenwald@mail.cho.org](mailto:sgreenwald@mail.cho.org)

---

### Direct Services

---

#### Neonatal Follow-Up Programs

- **The Special Start Home Visiting Program**—Offers developmental, medical, and psychosocial case management to approximately 225 infants per year who have complex medical conditions and/or social risk factors. All participants are graduates of Alameda County Neonatal Intensive Care Unit. Participants receive weekly to monthly home visits for up to 3 years, as needed, by a coordinated team with mental health and developmental expertise.
- **The Neonatal Follow-Up Program**—Provides developmental assessment and medical care for CCS-eligible infants who were in the Neonatal Intensive Care Unit and have special needs. Services include neurodevelopmental pediatric assessment and case management. Approximately 450 young children are served yearly.

#### Parent-Infant Programs (PIP)

- **Local Early Access Program (LEAP)**—LEAP is designed for infants up to age 3 who have developmental disabilities and are eligible to receive Part C services through the Regional Center of the East Bay. The program includes a parent-child playgroup and home visits and provides developmental intervention and parental support. There are 27 children enrolled.
- **Developmental Playgroups Program**—This community-based intervention provides parent-child playgroups to encourage the development of infants and young children who are at-risk for developmental delays. All groups incorporate developmentally-rich play activities with parent support and education. Groups are located in Oakland and South Hayward. Most of the groups serve predominantly Latino families and are offered in Spanish.

**Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) Mental Health Programs**—EPSDT Mental Health Programs are designed for children with social-emotional delays or disturbances:

- **Early Childhood Mental Health Program (CARE)**—CARE provides home-based therapeutic intervention for children under age 6 and their families. About 125 children are enrolled.
- **Therapeutic Guidance for Infants and Families (TGIF)**—Infants in TGIF are those that have been in foster care and are now reuniting with their biological parents. TGIF program activities include therapeutic parent-child playgroups, parent education and support sessions, and dyadic therapy sessions. About 10 parent-child dyads are served at any given time.
- **FIRST Perinatal Drug Treatment Support Program**—The FIRST program provides group and individual infant and early childhood therapeutic intervention to children living with their mothers in residential perinatal drug treatment or with their mothers in outpatient drug treatment. Children of incarcerated parents are also served in this program.

**Fussy Babies Program**—Provides short-term, multidisciplinary intervention services to parents and their infants. These infants display excessive crying or other symptoms of dysregulation. Referrals come from local pediatric providers and community-based agencies.

**The Intensive Care Nursery Developmental Support Program**—Developmental intervention and support, including kangaroo holding and breastfeeding interventions, are provided to parents with newborns in Children's Neonatal Intensive Care Unit (NICU). The program serves over 200 neonates and their families each year and is an integral part of the comprehensive care given in the Children's Hospital Neonatal Intensive Care Nursery.

---

## Research

EIS staff members have conducted and published research on early childhood mental health. Research topics include the impact of trauma on early attachment, successful early childhood treatment, maternal depression and developmental outcomes for young children.

---

## Education and Outreach

**Irving B. Harris Early Childhood Mental Health Training Program**—For the last 10 years, EIS has administered a two-year training program for mental health, developmental, nursing, and social service professionals to expand their expertise and skills in addressing the social-emotional development and mental health needs of young children. Over 250 professionals have completed the program.

**EIS Consultation and Training Team**—EIS provides technical assistance and mental health consultation services to numerous community-based agencies and Early Head Start/Head Start programs each year.

**Consultation to Another Road to Safety and Paths to Success**—This program is designed to support community-based agencies that provide preventive services to families whose children have been reported to Child Protective Services, and have a goal of keeping young children out of the welfare system. EIS provides organizational development support, training and consultation.

**Early Childhood Mental Health Internship Training Program**—EIS provides an intensive 1-year training program for mental health interns at the pre- and post-graduate levels interested in developing skills and experience on the subject of early childhood mental health.

---

## Policy/Advocacy

EIS advocates are involved in policymaking regarding issues of infant and early childhood mental health and development at the local and national levels. EIS staff members were among the state's healthcare professionals who developed the California Training Guidelines and Personnel Competencies for Infant/Family and Early Childhood Mental Health providers. EIS is comprised of members of the Infant Development Association of California, an organization co-founded by a former EIS Director.

The Administrative and Clinical Directors are currently involved in planning and implementing Alameda County-wide policy initiatives and are members of many local collaborative planning activities.

# Center for Asthma Education, Management and Research

The Center for Asthma Education, Management and Research (CAEMR), based in Children's Primary Care Clinic, offers expertise in the management of asthma in children and adolescents. Asthma is the top diagnosis among inpatient admissions at Children's and is the most common chronic condition among children in Alameda and Contra Costa counties.

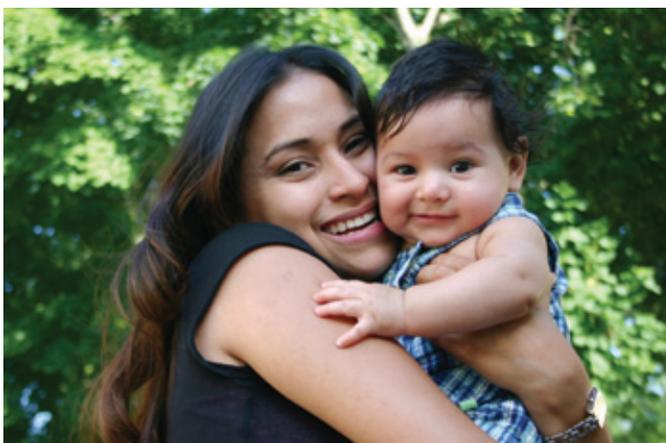
**Contact:** Manager: Mindy Benson, MS, PNP ☎ (510) 428-3885, ext. 4145 ✉ mbenson@mail.cho.org

## Direct Services

**Asthma Clinic**—The Asthma Clinic, which meets on a weekly basis, provides specialized medical care to children with particularly complex cases of asthma. As part of the patient's treatment, asthma management education is provided for families. The Asthma Clinic is staffed by a multidisciplinary team that includes physicians, nurses, and health educators. The clinic treated 634 patients in 2011.

**ATTACK Asthma Clinic**—The ATTACK Asthma Clinic is a one-hour, one-time visit available to children seen at Children's Emergency Department for asthma. Services include a clinical assessment, family education, referrals, and scheduling follow-up appointments with the child's regular care provider. The goal is to prevent asthma emergencies from reoccurring. 114 children visited the ATTACK Asthma clinic in 2011.

**Inpatient Asthma Education**—Clinicians from CAEMR conduct bedside asthma management education for families of children currently hospitalized for asthma. The team saw 100 children in 2011.



## Research

CAEMR is involved in a variety of clinical and translational research studies intended to improve the understanding and quality of life among children with asthma. CAEMR is one of the nine pediatric sites across the country participating in the NIH-sponsored Asthma Net, through which a variety of clinical trials are implemented. An asthma net study in which CAEMR is currently participating, APRIL-OCELOT, is investigating the impact of antibiotics on asthma prevention. Other studies include the Study of African-Americans, Genes and the Environment (SAGE) and Genes, Asthma, and Latino Assessment (GALA) that explore the relationship between genes and response to particular therapies, a personalized medical approach. Additionally, CAEMR is participating in a formal cost-effectiveness study to evaluate the business case of the ATTACK Asthma Clinic.

## Education and Outreach

**CAEMR provides education for the public and for professionals:**

- **Camp Breathe Easy**, located in a beautiful natural setting outside of Livermore, is a 4-day/3-night residential summer camp for underserved children with asthma. 80 children attended Camp Breathe Easy in 2011.
- CAEMR is also an original member of the **Alameda County Asthma Coalition**, in which it has participated since its founding in 2002. Each year, CAEMR and the coalition together host **World Asthma Day** at Children's, an event providing asthma services and education, games, and snacks to the public.
- CAEMR also hosts an **AmeriCorps** volunteer who provides asthma education and case management for underserved children with asthma for one year. It is the only known AmeriCorps position in the country dedicated to asthma.

# Diabetes Program

The Diabetes Program, run by Children's Division of Endocrinology and Diabetes, provides specialized medical care to children, as well as diabetes education for patients, families, and the greater community.

## Direct Services

The **Diabetes Clinic**, which is staffed by a multidisciplinary team that includes physicians, nurses, dietitians, and social workers, follows more than 1,000 children with diabetes. A physician is available for emergency consultation 24 hours a day. In 2011 the Diabetes Clinic pilot tested an intervention called the **Continuous Glucose Monitoring Sensor Program**. This program utilizes a 3-5 day continuous glucose sensor to provide families and providers more detailed information on the diabetic child's glucose levels, which leads to more effective prevention of diabetes-related complications. The Division also runs an Endocrine Clinic to provide care for other endocrine disorders. The Diabetes Clinic and the Endocrine Clinic together had about 6,400 visits in 2011.

## Research

In collaboration with the CTSI clinical research center and CHORI, the Division is involved with studies related to type 1 diabetes screening, type 1 diabetes prevention and early intervention trials, diabetes genetic studies, type 2 diabetes clinical trials, and development of tools for differential diagnosis of type 1 and type 2 diabetes. Physicians in the Division published four peer-reviewed journal articles in 2011.

## Education and Outreach

The Diabetes Program offers a variety of educational opportunities for patients, families, and other healthcare providers.

**Monthly Insulin Pump Classes** are given in English and Spanish for families of children that are interested in going on an insulin pump. Pump therapy in general is reviewed, along with risks, benefits, and different pumps/features available. The **Carbohydrate-Counting Class** teaches basic carbohydrate-counting to help families manage diabetes. These classes are offered monthly in English and Spanish to children newly diagnosed with diabetes and their families, or for those wanting a refresher.

In 2011 the Diabetes Program organized the **Diabetes Back-to-School Conference**, which was attended by more than 80 school nurses and other school personnel from throughout Northern California. In addition, the program's diabetes educator does an annual presentation on pediatric diabetes at Mills College and a Carbohydrate Counting Workshop for a diabetes educator training program called Becoming a Diabetes Educator.

Children's Diabetes Program belongs to the **Pediatric Diabetes Coalition of Alameda County**. In conjunction with the Coalition, the program developed a School Diabetes Management Plan that will be used in schools throughout Alameda County. Program staff are also working collaboratively with Alameda County Child Protective Services (CPS) and the Center for the Vulnerable Child to provide support for high risk adolescent patients with diabetes. Lastly, members of the diabetes team have provided the medical support for the Diabetes Youth Foundation's **Camp de los Niños**.

## Hemoglobinopathy Center

Sickle cell disease and thalassemia are inherited conditions affecting hemoglobin, the protein within the red blood cell that transports oxygen. Sickle cell disease disproportionately affects persons of African descent and thalassemia disproportionately affects persons of Asian descent. Children’s Comprehensive Center for Hemoglobinopathies, one of the largest in the world, treats about 1000 children and adults with sickle cell anemia and thalassemia, provides education to families and other medical providers, serves as a local and international resource, and conducts research and advocacy to improve the survival and quality of life of people with these conditions. Children’s Hospital provides reference laboratory services for the State of California and led a national effort to add screening for hemoglobinopathies into newborn screening programs throughout the US. The Comprehensive Hemoglobinopathy Center has been at the national and international forefront in the understanding of transfusion therapy, iron overload, and in the use of sibling cord blood and stem cell transplantation to cure sickle cell disease and thalassemia.

---

**Administrative Office:** ☎ (510) 428-3377, (510) 428-3000 (after 5 p.m.)

Administrative Director: Lynne Neumayr, MD ☎ (510) 428-3698 or ☎ (510) 450-5647 ✉ [Ineumayr@mail.cho.org](mailto:Ineumayr@mail.cho.org)

**Division Chief:** Elliott Vichinsky, MD ☎ (510) 428-3651 ✉ [evichinsky@mail.cho.org](mailto:evichinsky@mail.cho.org)

---

### Direct Services

**Northern California Comprehensive Sickle Cell Center (NCCSCC)**—Through NCCSCC, a multidisciplinary team consisting of physicians, nurse practitioners, psychologists, and social workers provide comprehensive care in a medical home model. Medical therapy includes hydroxyurea, transfusions, apheresis, chelation, pain management, and bone marrow transplantation. NCCSCC also developed and coordinates the Northern California Network of Care for Sickle Cell Disease, a partnership among local hospitals, clinics, and community agencies to help improve the access to healthcare services for people with sickle cell disease.

**Northern California Comprehensive Thalassemia Center (NCCTC)**—Multidisciplinary staff offer medical care, education, counseling, and psychosocial services for children and adults who have or who are at risk of having thalassemia, and their families. Comprehensive care includes transfusions, chelation therapy, and bone marrow transplants. The NCCTC not only provides care to patients in Northern California but is referred patients from across the United States and internationally as well.

**Housing for Families**—For medical reasons, children who receive a blood and marrow transplant must live within a 20 mile radius of the hospital for 100 days after transplantation. Families who live far from Oakland may stay at the Blood and Marrow Transplant House, located one block from the hospital. BMT House is extremely grateful for the generous donations it has received from the community over the years.

---

## Research

The NCCSCC and NCCTC have been leaders in NIH-funded multi-center research trials to improve therapeutic options and quality of life of patients with hemoglobinopathies for the past 40 years. Children’s has been at the forefront of research using stem cell therapies that have cured patients who have sickle cell disease. There are many clinical trials at Children’s for patients with hemoglobinopathies.

Additionally, research at CHORI has helped Children’s secure medical devices that are used not only for research, but also to help clinicians better diagnose and treat rare blood conditions for children. For example, Children’s is one of only four locations in the world that uses a SQUID (superconducting quantum interference device) Ferritometer, to non-invasively measure the amount of iron in the body of patients with hemoglobinopathies.

In the Bone Density Clinic, specialized equipment helps to diagnose and treat patients with hematological disorders and other conditions that may impact bone strength. For instance, thalassemia patients are at risk for expansion of bone marrow, resulting in bones that are more brittle than normal.

---

## Education and Outreach

### Professional Education

**Hemoglobinopathy Reference Laboratory**—The Hemoglobinopathy Reference Lab is California’s reference laboratory for diagnosing hemoglobin disorders as well as a national resource to support the diagnosis and treatment of hemoglobin disorders. It provides clinical and diagnostic support to 33 state newborn screening programs. Thousands of newborns have been screened and families counseled and directed for comprehensive care. The lab also served as the NIH’s Hemoglobinopathy Disease Collaborative Genotype-Phenotype Database to aid in the identification and screening of clinically relevant hemoglobin variants. Additionally, lab staff present seminars to help educate State of California sickle cell counselors.

**International Advanced Workshop on Sickle Cell Disease**—In 2011, Children’s again hosted this conference which brought together hematologists from all over the world and premier sickle cell experts from the US for a dialog on research, care, and new treatments and therapies.

### Community Education, Awareness, and Outreach

**Thalassemia Outreach Program**—The Thalassemia Outreach Program does both patient and community outreach using various means including a newsletter, educational handouts in many languages, booklets, videos, presentations, and in-services.

**International Thalassemia Day**—On May 8, 2011, thalassemia medical providers joined with patients and families for their first walking event to honor International Thalassemia Day. About 40 people attended this event in Berkeley and San Francisco to raise public awareness about thalassemia.

**Thalassemia Patient Support Group**—The thalassemia social worker has been meeting with 4-6 patients for a monthly support group on Saturdays to discuss pertinent issues related to their disease, including compliance, morbidity, diet, exercise, and impact of disease on their mental health and personal relationships.

**Thalassemia Holiday Party**—The Thalassemia Outreach team planned their annual holiday party for patients and families in December 2011. Approximately 200 patients, families, and guests attended this event which included food, games, and music.

**Sickle Cell Camp**—Children’s plays a key role in coordinating sickle cell summer camp. In 2011, 67 children attended Sickle Cell Camp, which is located at beautiful Camp Arroyo near Livermore. The camp enables sickle cell patients ages 7 to 14 to experience the fun of summer camp in a caring environment with specially trained staff who are aware of their needs. It combines traditional camp activities including swimming, camp fires, crafts, etc. Families of the campers pay nothing. The camp is staffed by physicians, nurses, social workers, psychologists, and community volunteers. Bay Area Adult Sickle Cell Support Group—Children’s and the Sickle Cell Community Advisory Council maintain a support group for adults with sickle cell disease.

**Sickle Cell Testing Awareness Days**—Children’s hosts four blood drives annually, one of which promotes thalassemia awareness while another includes testing for the sickle cell trait.

## Pediatric HIV/AIDS Program

Children’s Pediatric HIV/AIDS Program (PHAP), established in 1986, offers comprehensive care to children, youth and their families who are living with or exposed to HIV/AIDS. Because HIV attacks the immune system, it is critical for infected individuals to begin medical treatments with combinations of medications early to improve their quality of life and survival. For most individuals, HIV/AIDS is a chronic condition that can be managed for decades with proper treatment and consistent adherence to medication regimens. PHAP serves families in Alameda and Contra Costa counties, in addition to 14 other northern and central California counties.

**Medical Director:** Ann Petru, MD ☎ (510) 428-3337 ✉ [apetru@mail.cho.org](mailto:apetru@mail.cho.org)

**Clinic Coordinator:** Teresa Courville, RN, MN ☎ (510) 428-3337 ✉ [tcourville@mail.cho.org](mailto:tcourville@mail.cho.org)

### Direct Services

**HIV/AIDS Clinic**—Patients at the HIV/AIDS clinic work with a multidisciplinary team of healthcare providers to monitor their care. This team includes a physician, nurse, social worker, nutritionist, and other specialists. 18-21 year olds who were born infected are given special assistance in transitioning from pediatric to adult care, while newly identified teenagers are assisted in obtaining care through the local youth program.

**Family Care Network (Ryan White Part D)**—The Family Care Network coordinates primary medical care, case management, legal, and mental health services for children living with or impacted by HIV/AIDS among 10 agencies in Alameda and Contra Costa counties.

**HOPE Clinic**—Through collaborations with programs in the Family Care Network, it is possible to identify HIV-infected pregnant women and to keep them in care during their pregnancy, as well as to ensure that the babies get proper treatment and care during and immediately after delivery. Infants born to mothers with HIV are closely monitored for the disease over 4-6 months by Hope Clinic staff until they have been fully evaluated and infection can be excluded. None of the last 350 infants who have come through the Hope Clinic since 1996 have been infected. About 60 children and teens and 20-30 at-risk infants are currently being treated by PHAP staff.

**Sexual Assault and Needlestick Exposures**—PHAP staff provide preventive and support services for child victims of sexual assault and needlesticks who are at risk of acquiring HIV. PHAP provides education and follow-up testing to approximately 10 child victims of sexual abuse and needlestick exposures every year after their initial evaluation in the Emergency Department.

### Research

PHAP staff and patients have participated in many clinical trials including those related to drug development, antibiotics, and vaccine trials to prevent secondary infections.

### Education and Outreach

PHAP regularly educates the community about pediatric HIV/AIDS issues through presentations and seminars. Families impacted by HIV/AIDS are faced with behavioral, mental health, school, and social issues and are given support by PHAP staff through individual and group sessions. PHAP hosts social activities and parties, and facilitates involvement in HIV specific camps for children, youth and their families.

Families impacted by HIV/AIDS and faced with behavioral, mental health, school, and social issues benefit from a monthly support group, organized by PHAP staff.

PHAP staff also train the next generation of physicians about HIV/AIDS care through the Pediatric HIV/AIDS Mini-Residency Program.

HIV testing is provided at no cost for adolescent patients seen at Children’s Adolescent Clinic, Juvenile Justice Center, Castlemont High School Health Center, Chappell Hayes Health Center at McClymonds High School, and the Emergency Department.

# Camps for Children with Special Healthcare Needs

Camps are an important childhood experience that allows them to enjoy outdoor activities and to make new friends. Throughout the year, Children's helps to manage several camps for children with special medical or mental health conditions.

## Camp Breathe Easy (Asthma)

In 2011, 80 children with asthma attended Camp Breathe Easy, where they participated in traditional summer camp activities while learning about asthma self-management. This 4-day residential camp, located in a natural setting in the hills outside of Livermore, is organized and staffed by Children's Primary Care Clinic.

## Camp Creating Confident People (Exposure to Abuse and Violence)

For one week each summer, the Center for Child Protection hosts Camp Creating Confident People, a day camp for 5-11 year olds who have been exposed to abuse and violence. Through interactive activities, camp staff members teach the children about everyday techniques to avoid abuse.

## Sickle Cell Camp

Children's plays a key role in coordinating sickle cell summer camp. In 2011, 67 children attended Sickle Cell Camp, which is located at beautiful Camp Arroyo near Livermore. The camp enables sickle cell patients ages 7 to 14 to experience the fun of summer camp in a caring environment with specially trained staff who are aware of their needs. It combines traditional camp activities including swimming, camp fires, crafts, etc. Families of the campers pay nothing. The camp is staffed by physicians, nurses, social workers, psychologists, and community volunteers.

## Camp de Los Ninos (Diabetes)

This one-week residential camp in the Santa Cruz Mountains is for 6-12 year olds with Type 1 diabetes. The camp combines traditional camp activities with diabetes education. A Children's endocrinologist has attended camp as part of the medical staff since 2006. In addition, a certified diabetes educator from Children's has been on the medical staff since 2011.

## Camp Winning Hands (Hand Conditions)

Camp Winning Hands is a free weekend camp for children ages 5-10 with hand differences, where families play sports and games, participate in traditional camp activities, and receive support and education. The camp's counselors also have hand differences. Children's Hospital takes on liability insurance, screens volunteers, handles data and recruitment, and provides brochures and t-shirts. The director of the camp is a volunteer from the Division of Orthopedics. In 2011, there were 25 families and 26 children that participated in the camp.

## Camp Hemotion (Blood Disorders)

Each summer Camp Hemotion provides a week long residential program at Camp Oakhurst, near Yosemite, for 7-20 year olds who have or are carriers of bleeding disorders and their siblings. Camp Hemotion is the result of a partnership between Children's and the Hemophilia Foundation of Northern California. Attendees participate in various activities and learn how to better manage their condition including training in self-infusion. In 2011, the camp had 84 campers.

## Camp F.U.N. (Obesity)

In 2011, the Healthy Hearts Program and collaborators worked with the Community Youth Center in Concord (CYC) to create a summer camp for patients who are obese. Camp Food and Understanding Nutrition (F.U.N.) is a day camp that ran on weekdays for six weeks. The camp includes sports activities, nutrition classes, cooking classes, and a parent group. Twenty-eight patients enrolled during the Summer 2011 and the program will continue in 2012.

# Healthy Hearts: A Program to Prevent and Treat Childhood Obesity

Childhood obesity is a problem in Alameda and Contra Costa counties, where at least one-fourth of 5th through 9th graders are overweight. Children's supports Healthy Hearts, a program based in the Pediatric Cardiology Medical Group, focused on treating and counseling 2-18 year olds with this chronic condition and/or the complications associated with being obese or overweight, including diabetes, heart disease, and high blood pressure. The Healthy Hearts/Obesity clinical team includes physicians, a pediatric nurse practitioner, a dietitian, an exercise specialist, a lipid research consultant, and a psychologist. Approximately 350 new patients entered the program in 2011.

---

**Project Coordinator:** Lourdes Juarez, CPNP, MSN, RN ☎ (510) 428-3885, ext. 2052 ✉ ljuarez@mail.cho.org  
**Co-Director:** Lydia Tinajero-Deck, MD ☎ (510) 428-3885, ext. 4624 ✉ ltinajerodeck@mail.cho.org  
**Co-Director:** June Tester, MD, MPH ☎ (510) 428-3885, ext. 2052 ✉ jttester@chori.org

---

## Direct Services

Healthy Hearts/Obesity clinic participants and their families enroll in a program that involves eight visits to the clinic that take place over the course of a year. At each one-hour visit, the patients receive individualized treatment and counseling with a physician and one of the staff's specialists. The program aims to promote healthy habits in children, and some of the sessions focus on a specific topic such as mental health, nutrition, or physical activity. Healthy Hearts is offered at Children's locations in Oakland, Larkspur, Fairfield, and Walnut Creek.

---

## Research

The Healthy Hearts/Obesity program is currently conducting a study that aims to improve health equity in follow-up rates and outcomes among patients, particularly among African-American patients. Highlights of this work have included the addition of a health coach to the team and the use of text messaging to communicate with patients regarding their health behavior goals.

Dr. Tester conducts research on how the environment impacts children's risk for obesity. She has been the principal investigator for a project investigating the role of playgrounds with physical activity and community social capital, and a project studying the feasibility of using mobile food vending to increase access to healthy food in at-risk populations. She is currently conducting a study about concurrent obesity and food insecurity.

In 2011, the Healthy Hearts team participated in Focus on a Fitter Future, a consortium of 20+ pediatric obesity programs in children's hospitals nationwide. Being part of this research-oriented collaboration has enabled the team to be at the forefront of not only current clinical best practices but also connected to current research endeavors such as common measurement tools for obesity clinics nationwide.

The Healthy Hearts/Obesity program also works with research scientists at Children's Hospital Oakland Research Institute's Center for Nutrition & Metabolism and Center for the Prevention of Obesity, Cardiovascular Disease & Diabetes.



---

## Education and Outreach

---

Healthy Hearts maintains an active collaboration with Girls on the Run, which is a local non-profit that aims to increase girls' opportunities for exercise and peer support. In 2011, there were two ten-week sessions where eight Healthy Hearts girls participated in running around Lake Merritt, culminating with a 5K run.

YMCA of Downtown Oakland is also an active partner, and Healthy Hearts has been partnering with the YMCA's Teen Fit program. In Teen Fit, adolescents are referred by their physician to the YMCA to participate in a summer program where they are linked with a personal trainer. In 2011, 15 teens participated in Teen Fit.

Healthy Hearts also participates in various other programs and events in the community to help educate others on how to have a more healthy and active lifestyle. Among their many activities in 2011, Healthy Hearts provided cooking classes to approximately 25 patients, gave health presentations, conducted outreach work at health fairs, and organized bike trips with a partner called Endurance.



## Community Farmer's Markets and Dover St. Garden

Children's collaborates with a local non-profit called Phat Beets Produce to promote healthy eating by patients and in the community through farmer's markets and a youth community garden.

---

### Education and Outreach

---

The year-round farmer's market is located in front of Children's Outpatient Center and is open every Tuesday for patients and the general public, while another seasonal farmer's market that specifically serves the Oakland Senior Center is hosted by the Children's Hospital Oakland Research Institute; both offer fruits and vegetables grown by local farmers. Weekly fruit and vegetable boxes are available on Tuesday for pick up or delivery for staff of the hospital that would like to support the market and get fresh produce.

The Dover St. Park Youth Garden was developed near Children's in 2010. The vegetables are grown and the garden maintained by adolescents in the Healthy Hearts program. Jen Matthews, MD, has worked with the Healthy Hearts Clinic to create this program that serves both the community of North Oakland and the patients of the Healthy Hearts Clinic.

## Kohl's Injury Prevention Program

The Kohl's Injury Prevention Program (IPP), administered by Trauma Services at Children's, aims to reduce the number of unintentional injuries and fatalities in children younger than 14, primarily through education and by providing equipment to promote safety. About 15% of deaths in 10-24 year olds are due to unintentional injuries, not including motor vehicle accidents.

**Injury Prevention Coordinator, Trauma Services:** Bonnie Lovette, RN, MS, PNP ☎ (510) 428-3885, ext. 4703  
✉ [blovette@mail.cho.org](mailto:blovette@mail.cho.org)

### Education and Outreach

**Home Safety Improvement Program (HSIP)**—The HSIP is a partnership between the Neonatal Follow-Up Program and Trauma Services. The program's lessons promote "active supervision" among parents and educate them on how to keep their child safe from burns, choking, dog bites, drowning, falls, gun-related injuries, poisonings, and other causes of unintentional injuries. Home safety assessments are performed by case managers and patients' families receive safety devices such as bath tub thermometers, cabinet latches, door knob covers, outlet protectors, safety gates, smoke alarms, and window guard "super stoppers."

**The Prevention of Shaken Baby Syndrome Program (PURPLE)**—This evidence-based program's goal is to prevent abusive head trauma by teaching parents to understand that crying is normal for a newborn and to reduce their frustration. Each parent receives their own DVD and educational handouts.

**Safe Sleep Environment Crib Program**—This program provides cribs and teaches parents how to prevent SIDS, overlay, and suffocation in their newborn through safe sleep strategies. This program is conducted with Keeping Babies Safe. The educational DVD produced by American Academy of Pediatrics (AAP), Consumer Products Safety Commission (CPSC) and Keeping babies Safe (KBS) is a part of the parent education.

**Car Seat, Special Needs Car Seat and Vests, and Helmet Program**—Over 500 families each year receive the equipment necessary for safer transportation. In fact, every baby in Children's neonatal intensive care unit must have an appropriate child passenger restraint before being discharged. Additionally, the caretakers receive education about car seat safety. Furthermore, IPP does car seat checks, bike safety rodeos, and health fairs, distributing car seats and bicycle helmets to families in the local community.

**OUCH**—A new social marketing campaign was launched in 2011 called OUCH. Families who subscribe receive two or more text messages each month in English or Spanish related to health and safety. Many agencies and organizations in both Alameda and Contra Costa county have signed formal MOU's to endorse this innovative method of education.

The IPP also creates a variety of education materials, including booklets, a calendar, a DVD, and flyers to promote the prevention of unintentional injuries to children.



## Sports Medicine Center for Young Athletes

The Sports Medicine Center for Young Athletes provides medical care and rehabilitation of sports-related injuries as well as classes on preventing injuries and improving athletic performance. In addition, the Center also provides outreach, services, trainings, and seminars for the East Bay community. Sports Medicine Center staff includes orthopedists, physical therapists, athletic trainers, and certified strength and conditioning specialists.

**Administrative Office:** ☎ (510) 428-3558

**Management Coordinator:** Michelle Cappello, MSPT ☎ (510) 428-3885, ext. 5082 ✉ [mcappello@mail.cho.org](mailto:mcappello@mail.cho.org)

---

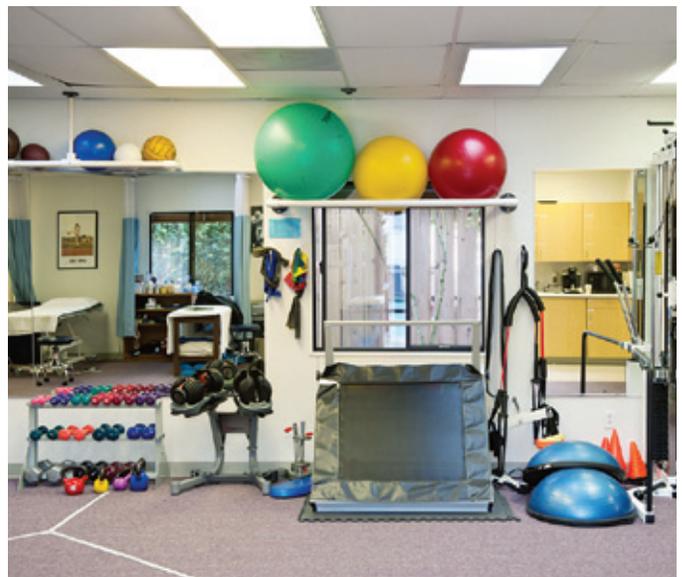
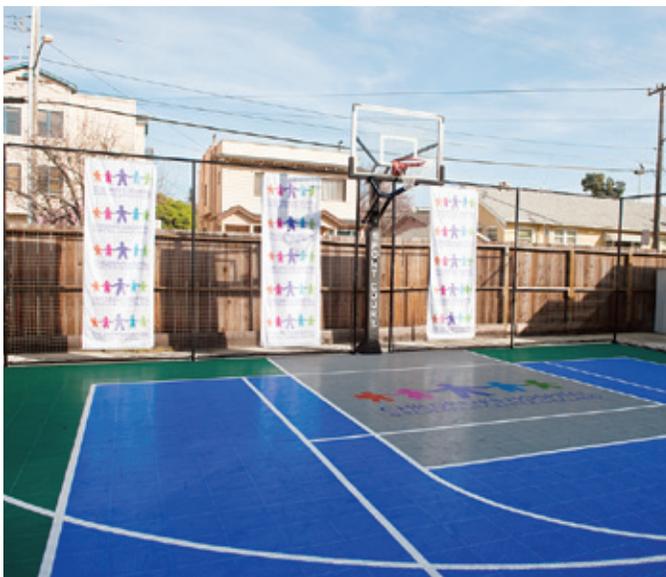
### Education and Outreach

---

Children's Sports Medicine Center for Young Athletes is responsible for coordinating on-site athletic trainers to be present at all North Coast Section high school championship events and for providing an athletic trainer for all Oakland Athletic League football games and sports championship games.

The Center also provides education on sports medicine topics to medical professionals and the general public through annual Medical Conferences, monthly Community Lectures, and General Seminars. Each year, more than 25 seminars take place across Alameda and Contra Costa Counties.

In addition, Sports Medicine Center staff provides on-site injury prevention services for the Tommie Smith Running Club track meets, trains track coaches, and supervises the club's youth injury prevention system. The Tommie Smith Running Club collaborates with 100 Black Men of the Bay Area, Inc. to promote track and field in 8-18 year olds.



# Education for Patients, Families, and the Public

Children's staff members are often out in the community, providing their expertise to members of the public, such as patients and their families, foster parents, students, and professionals who work with children on a great variety of topics.

## Division of Audiology

In 2011, the Audiology Department hired a Cochlear Implant Educator, Researcher and Outreach Liaison for the cochlear implant program and the department. This position organizes support groups for cochlear implant patients, their families and families of children who are considering implantation.

## Center for the Vulnerable Child (CVC)

Various CVC programs educate caregivers and professionals who work with at-risk children.

## Division of Endocrinology and Diabetes

The division's Family Diabetes Conference teaches families about diabetes and disease management. The diabetes team also hosted an educational conference for school nurses and other school personnel about helping students with diabetes and hosted an informational table at the JDRF Walk to Cure Diabetes at the Oakland Zoo.

## Health Information on the Web

The public can access information on health topics and Children's resources through the hospital's website and its Facebook, Twitter, and YouTube pages.

## Kohl's Injury Prevention Program (IPP)

IPP promotes safety through various programs.

## Medical Social Services

Staff visit Oakland high schools during National Social Work month (March) to teach teens about medical social work.

## Neurosurgery Department

Brain and spinal cord injury prevention are taught to first, second, and third graders and to high school students in the Bay Area through the ThinkFirst program.

## Pediatric HIV/AIDS Program (PHAP)

PHAP staff educate foster parents, social workers, and health outreach workers about HIV/AIDS.

## Primary Care Clinic

Parenting and health education classes are provided to schools and agencies which serve families.

## Psychiatry and Developmental & Behavioral Pediatrics Departments

Teens, foster parents, teachers, family court judges, and healthcare professionals are taught psychiatric health topics through classes provided by the staff.

## Pulmonary Medicine Division

**CPR Training**—Pulmonary patients and families are taught CPR prior to being discharged from the hospital.

**Cystic Fibrosis (CF) Family Education Days**—CF education (including a Spanish session) is provided in Oakland, San Francisco, and Reno for CF families several times annually.

## School-Based Mental Health Consultation

The School-Based Mental Health Program, a collaboration between Mental Health & Child Development and Adolescent Medicine, is a source of expertise on the intersection of schools and mental health. A training and consultation program has been developed for school professionals and mental health providers who work with schools. The team conducts trainings throughout Alameda County and California.

## Sports Medicine Center for Young Athletes

Staff provide education on injury prevention and other sports medicine issues to the public.

## Juvenile Justice Clinic

Children's Division of Adolescent Medicine delivers on-site medical care at the Alameda County Juvenile Justice Center (JJC), which is part of the Alameda County Probation Department. The JJC is a 360-bed detention facility that houses juvenile offenders from Alameda County, about three-fourths of whom are from Oakland. Approximately 3,600-4,000 children/youth receive healthcare services at the JJC medical clinic each year. Staff includes MDs, Dentists, NPs, RNs, LVNs, MAs, discharge coordinators, and clerks. Additional contracted staff includes an optometrist, orthopedist, radiology technician, and chiropractor. Other doctors, such as OB-GYN, work with the program on an on-call basis.

---

**Clinical and Administrative Director:** Shanta Ramdeholl, RN 📞 (510)428-3214 ✉ sramdeholl@mail.cho.org  
**Supervising Physician:** Barbara Staggers, MD 📞 (510) 428-3885, ext. 2742 ✉ bstaggers@mail.cho.org

Children's also provides clinical services at Camp Willmont Sweeney, a facility which serves as a transition housing/ placement facility for about 6-9 months for JJC inmates before release to the community.

Children and youth who need additional specialty care or acute services are brought to Children's main hospital. Nearly all JJC detainees are released back into their communities after their detention. Children's aims to ensure these children/youth are healthy, as poor health is one of the main barriers to a successful transition back to school or employment.

---

### Comprehensive primary care services at JJC & Camp Willmont Sweeney

---

- Intake evaluation and 96-hr physical
- Point-of-care testing and blood draws
- Screening and testing for sexually transmitted diseases
- Illness, injuries
- Referrals to ED/hospital/specialists
- Immunizations
- Medication management
- Radiology
- Dental screening and procedures
- Health education
- Chiropractor
- Optometry: screening, diagnosis, prescribing, and allocation of eyewear on-site
- Nutritional evaluation by a nutritionist
- Transition center for community re-entry

## School-Based Health Centers

The Youth Uprising/Castlemont Health Clinic, located next to the Castlemont Community of Small Schools in East Oakland and the Chappell Hayes Health Center, located on the McClymonds Educational Complex campus in West Oakland, are operated by Children's Divisions of Adolescent Medicine and Mental Health & Child Development in collaboration with the Oakland Unified School District and the Alameda County Health Care Services Agency.

---

**Contact:** Sharry Goree ✉ [sgoree@mail.cho.org](mailto:sgoree@mail.cho.org) and Su Park ✉ [spark@mail.cho.org](mailto:spark@mail.cho.org)

The school health centers provide a safe and convenient place for students to receive integrated, comprehensive medical and mental health services. Our specially trained teams look at all aspects of an adolescent's life to help address the many medical and mental health issues they face. The Youth Uprising/Castlemont Health Clinic sees students at Castlemont High School as well as members of the community ages 11-24. The Chappell Hayes Health Clinic sees students at McClymonds High School as well as members of the community ages 11-21. Both sites are integrated into full-service youth and/or family centers that promote youth development and serve as national models for adolescent healthcare.

The School-Based Mental Health Program has been providing comprehensive, integrated mental health services at the two school-based health centers since 2003. Youth Uprising Castlemont Clinic, which operates a full time comprehensive team of six therapists, a psychiatrist, as well as comprehensive medical services, is the hub for teachers, parents and students to coordinate therapy, care, support, and help. The Castlemont site is now the highest volume school-connected mental health site in Alameda County. The School-Based Mental Health Program has become a national model for the integration of medical and mental healthcare, and has been cited for success at addressing underlying social stressors related to mental health. The program has developed a training and consultation program for school professionals and mental health providers who work with schools. The team is contracted to conduct trainings throughout Alameda County and California.

---

### Clinical services at the school-based health centers include the full spectrum of comprehensive adolescent healthcare

---

- Routine preventative care
- Immunizations
- Nutrition
- Sports physicals
- Reproductive healthcare
- Sexually transmitted infections
- Physical and sexual assault
- Management of chronic medical conditions
- Mental health
- Acute illness management
- Psychosocial support

# Primary Care Clinic, Community-Based Programs

Children’s Primary Care Clinic sees more children—about 10,000 each year—than any other primary care provider in the region. It provides basic healthcare needs of primarily lower income children from birth to age 19, including routine preventative care, chronic disease management, and immunizations. In addition, the Primary Care Clinic provides health education, participates in translational research, offers social and mental health services, and plays a key role in training the next generation of pediatricians.

**Administrative Office:** ☎ (510) 428-3129

**Associate Director:** Kelley Meade, MD ☎ (510) 428-3885, ext. 2793 ✉ kmeade@mail.cho.org

---

## Special Clinics

**Continuity Clinic**—Children who are discharged from the hospital but do not have a primary care provider can continue to receive follow-up and primary care at the Continuity Clinic.

**International Clinic**—The International Clinic delivers the same services as the main Primary Care Clinic but is culturally and linguistically tailored for non-English speakers; interpreters for 31 languages are available. In 2011, there were 370 visits to the International Clinic.

**Encore Medical Clinic and Foster Care Clinic**—The Primary Care Clinic, in collaboration with the Center for the Vulnerable Child, provides a medical home for homeless children at the Encore Medical Clinic, and to children in foster care at the Family Outreach and Support Clinic.

**Asthma Clinic**—This weekly clinic provides specialized medical care and asthma management education for families who have children with particularly complex cases of asthma. The Asthma Clinic is staffed by a multidisciplinary team that includes physicians, nurses, and health educators. The clinic saw over 600 patients in 2011.

---

## Research

The Primary Care Clinic serves as a study site for Children’s Pediatric and Clinical Research Center (PCRC). The clinic participates in clinical and translational research studies that have broad public health importance. Current studies focus on asthma, immunology, and vaccine development. In addition, the clinic participates in formal evaluation studies of public health interventions.

---

## Education and Outreach

**Clinical Effort Against Secondhand Smoke Exposure (CEASE) Program**—The CEASE Program encourages parents who expose their children to tobacco smoke to stop smoking by providing them with on-site counseling at the clinic and referrals to the California Smokers’ Helpline.

**Reach Out and Read**—This program gives away a donated book to every child aged 6 months to 5 years who makes a well visit to the Primary Care Clinic. Reach Out and Read aims to increase literacy rates in the community in order to help improve poverty status and health outcomes.

**Health Education and Parenting Classes**—Health education and parenting classes are also conducted by primary care physicians and residents at various community locations, including preschools, the El Grupo parent support group, Juvenile Hall, Lincoln Child Center, Oakland WIC, and Project Pride. These services are provided as part of Children’s residency training in the Primary Care Clinic through the Community and Advocacy Program (CAP).

---

## Policy/Advocacy

**Community and Advocacy Program (CAP)**—Through CAP, pediatric residents are trained in political and patient-based advocacy in order to become more familiar with the community in which they serve.

**Medical-Legal Program**—The Primary Care Clinic has partnered with the East Bay Law Center to provide patients with pro bono legal services on cases related to their health issues.

# Child Life Program

For many children, being in a hospital can be a stressful experience. The Child Life program at Children's is designed to help young patients and their families cope with this anxiety by reducing their psychological trauma while they are in the hospital. Child Life specialists provide specialized or group therapeutic activities such as art, music, and educational programs; there are also areas in the hospital designated for playtime and relaxation for children and teens. Thousands of children participated in one or more of the following programs in 2011.

**Manager:** Mary Kelly, MA, CCLS ☎ (510) 428-3520 ✉ mkelly@mail.cho.org

## Art Therapy Program

Children can receive specialized one-on-one or group therapy sessions conducted by a registered art therapist or an artist-in-residence.

## Art While You Wait Program

Art materials are available for patients and their siblings to use while they are awaiting clinic appointments, surgery, or treatment in the Emergency Department.

## Child Life Internships

College internships with Child Life Services are available to students and graduates of a Child Life program or a related field.

## Family Resource & Information Center (FRIC)

At the Family Resource & Information Center, patients and families can meet other families, use the Internet, and get information about health issues and hospital and community programs.

## Hospital School Program

Oakland Unified School District-accredited teachers conduct classroom and bedside education sessions for K-12, and provide GED, and SAT tutoring Monday through Friday while the children are in the hospital and out of school. Reverse fields trips are also available, such as trips to the SF Exploratorium, Bay Kids, and Wonderworks. In 2011, there were five teachers who made over 6,000 contacts with children through this program.

## Infant and Toddler Time

The Infant and Toddler Time program provides a non-medical setting for parents to interact and play with their young children in the hospital's Playroom. For parents who would like to take a break, Child Life staff and trained volunteers are also present to supervise their children.

## Jared Kurtin Music Therapy Program

Two certified music therapists are available to conduct individual, family, or group sessions, using various instruments that the children can play or just listen.

## Playroom

In the Playroom, children can play with games and toys, create arts and crafts, and occasionally watch performances from magicians and musicians.

## Pre-Operative Program

Children and their families can learn about their upcoming hospitalization from a Child Life specialist, who may use dolls and medical toys, for example, to simulate medical procedures to reduce a child's fears.

## Procedural Support

Families can request a Child Life specialist to help their child deal with certain medical procedures for which sedation is not required.

## Teen Lounge

Teens can participate in discussions, art and music, video games and other activities in the Teen Lounge.

## Child Life Specialist

A Child Life Specialist is available full time at our Shadelands facility. It is the only facility in Contra Costa County to offer a Child Life Specialist.

## Family Services

An essential part of treatment and care for many children at Children's is the support services that are provided for young patients' families to help them adjust to their situation. Children's family services may provide temporary housing for the duration of their child's hospital stay, information about community resources, and religious support to families.

---

### Blood and Marrow Transplantation (BMT) House

---

The BMT House provides housing for families who have children receiving a blood and marrow transplant at Children's and live farther than 20 miles from the hospital.

**Contact:** Cindy Lehmann ☎ (510) 428-3885, ext. 5214

---

### Chaplaincy Services

---

Families can receive non-denominational support, follow-up care, and grief counseling provided by Sister Bernice Gottelli, PBVM, or neighborhood clergy. Children's also maintains a Reflection Room, which provides visitors a secluded and quiet location for spiritual and personal reflection.

**Contact:** Sister Bernice Gottelli, PBVM ☎ (510) 428-3885, ext. 2676

---

### Family House

---

The Family House provides low-cost lodging and breakfast for families who live 100 miles or further from Children's. It consists of 16 bedrooms, a play room, a gym, and a common kitchen, living room, and laundry room on each of the two floors.

**Contact:** Rachele Patin Mohamed ☎ (510) 428-3100

---

### Financial Services

---

All families who are identified as self-payers for their medical care are screened by Financial Services staff to determine whether they are eligible for public health insurance so that they can receive the best care coverage possible. Hundreds of families in 2011 were given help in filing Medi-Cal applications.

---

### Interpreter Services

---

Children's offers qualified medical interpreters free of charge 24/7 to our patients and parents/legal decision-makers who have limited English proficiency or who are deaf or hard of hearing. In 2011, Children's provided interpreter services in 52 different languages.

**Contact:** Nancy Stern ☎ (510) 428-3885, ext. 4542  
✉ [interpreterservices@mail.cho.org](mailto:interpreterservices@mail.cho.org)

---

### Medical Social Services

---

Medical Social Services staff members are available to assist families with hospital and community resources. The department also provides psychosocial services such as bereavement counseling and family therapy to help families adjust with the hospital experience. The social workers help avoid delays in inpatient discharges, as they work with families on practical issues to get them ready to leave. Social workers identify issues the families have which are often valuable to the physicians, and handle Child Protective Services obligations that otherwise would fall on other clinical staff.

**Contact:** Marsha Luster, MSW ☎ (510) 428-3325  
✉ [mluster@mail.cho.org](mailto:mluster@mail.cho.org)

---

## Palliative Care

---

Children's opened its formal Palliative Care Program in June of 2011 after a committee demonstrated a need for this type of care. The program is delivered by an interdisciplinary team which includes the child, family caretakers, and healthcare professionals, including doctors, nurses, social workers, chaplains, Child Life specialists, and other specialties.

Palliative care aims to reduce pain and other distressing symptoms for the child; focuses on the physical, emotional, and spiritual needs of the child and family; begins at the same time as life prolonging care and/or curative treatment or is the main focus of care; and supports the family's goals for the future. The Palliative Care team is available for consults on an inpatient and outpatient basis and can help with advanced care planning and decision making, care coordination and referrals as well as extended support through expressive therapies including art and music therapy.

Since opening, the Palliative Care Program has served 70 children. A Pediatric Palliative Care seminar, held on November 15, was attended by over 120 people. Children's received a Proclamation from the Board of Supervisors, County of Alameda, State of California, determining Tuesday November 15 as "Pediatric Palliative Care Awareness Day."

**Contacts:** Claire Vesely, RN, Program Coordinator  
✉ [cvesely@mail.cho.org](mailto:cvesely@mail.cho.org)

or Vivienne Newman, Medical Director  
✉ [vnewman@mail.cho.org](mailto:vnewman@mail.cho.org)

---

## Psychology-Oncology Teen and Young Adult Support Group

---

The Psychology-Oncology Program sponsors and facilitates a monthly Teen and Young Adult Support group. The group is a safe place where teens and young adults can meet and connect to find support, education, and hope, while dealing with a cancer diagnosis and survivorship.

**Contact:** Talia Holden ✉ [psytho@mail.cho.org](mailto:psytho@mail.cho.org)

## Professional Education at Children's

Education is part of Children's mission, and it maintains an array of professional training programs across several disciplines.

---

**Contact:** Jim Wright, MD (Graduate Medical Education) ✉ jawright@mail.cho.org  
Nancy Shibata, RN, MSN (Nursing Education) ✉ nshibata@mail.cho.org

---

### Graduate Medical Education

**Medical Students**—Children's provided month-long training in 11 pediatric specialties for over 96 medical students in 2011 from medical schools across the country.

**Residents**—Children's has expanded its well-known 3-year Pediatric Residency to 82 Residents in 2011, with the receipt of a Primary Care Residency Expansion Grant from the Federal Department of Health and Human Services. Over 700 applicants are competing for 30 first year Resident (Intern) positions to start in June 2012. As part of their required training, residents spend several months on the Community, Advocacy, and Primary Care (CAP) rotation, where future pediatricians learn how to advocate for the rights, safety, health, and education of children and their families. During their CAP rotation, residents visit over 20 community sites. Residents also evaluate patients' homes as part of the Alameda County Healthy Homes Project, where they educate families about home safety. An additional 170 residents from 14 non-Children's programs rotated through Children's in 2011. Residents in general surgery, orthopedics, anesthesiology, neurosurgery, radiology, and other areas come here for their pediatric experience. Residents enable Children's to serve the disenfranchised population, and a large percentage of Children's residents go on to practice in local communities. 40% of residents go into fellowship training to become pediatric subspecialists.

**Clinical Fellows**—Children's had 25 medical fellows in 2011 in the areas of critical care medicine, emergency medicine, hematology/oncology, infectious disease, and pulmonology.

---

### Nursing Education

The Nursing Division provides clinical placements for students from 15 schools of nursing. Clinical placements are made in a variety of settings including inpatient units, preceptorships with advanced practice nurses, administrative nursing preceptorships, and preceptorships in specialty areas such as the Emergency Department, Surgical Services, Ambulatory Services, and the Juvenile Justice Center. In 2011, Children's provided pediatric nursing training to over 620 nurses from schools of nursing throughout the US.

Children's offers two nursing scholarships. The Ava Elliot Scholarship provides nursing school tuition support, and the Ava Elliot Excellence in Nursing Award provides tuition support for continuing education for nursing staff.

Children's also provides regular, ongoing training to certify its nurses, as well as nurses in the community. Classes provided in 2011 included American Heart Basic Life Support Certification, Pediatric Advanced Life Support Certification, Trauma Nurse Core Curriculum Certification, Pediatric Asthma, Pediatric Hematology Care, Pediatric Chemotherapy Certification, Pediatric Oncology Care, Pediatric Acute Care Skills Day, Pediatric Emergency Triage, Neonatology Nursing Update, Pediatric Intensive Care Nursing Update, and Pediatric Palliative Care.

---

### Professional Interns

**Social Work**—There were nine social worker interns in 2011 working in Early Intervention Services, the Center for the Vulnerable Child, the Center for Child Protection, and Medical Social Services.

**Psychiatry**—The Division of Psychiatry hosted four fellows and six interns in 2011.

**Psychology**—Children's had five psychology post-docs, four pre-docs, three practicum students, and two infant development specialist interns working across multiple programs.

**Radiology**—The Division of Diagnostic Imaging hosts radiology students from Merritt College.

**Chaplaincy**—Sister Bernice oversees three chaplaincy interns from the Jesuit School of Theology.

# Education for Professionals in the Community

Children's provides continuing medical education (CME) and training to both Children's and community-based medical professionals. In many cases, CME credits are available. In addition to the activities listed below, many departments at Children's educate other professionals through the Physician Lecture Series at community locations.

## Grand Rounds (CME)

Children's hosts weekly presentations on health topics of local, national, and international importance. Several prominent speakers are invited.

## Monterey Continuing Education Course (CME)

In 2011, this 3-day CME conference occurred in beautiful Monterey. The theme was infectious diseases in pediatrics. Over 200 professionals, including pediatricians, family practitioners, and nurse practitioners, from several states attended the conference.

## Audiology Division

In 2011, Children's Audiology Division held a conference on central auditory processing disorders (CAPD) to further educate local physicians, speech pathologists, audiologists, and parents of kids who have been diagnosed with CAPD.

In addition, a Cochlear Implant Educator, Researcher and Outreach Liaison has been able to provide education and support to the deaf/hard of hearing specialists which follow cochlear implant children in local school districts.

## Center for Child Protection

The center's DOVES Project conducts various services and activities, one of which is to provide education on domestic violence topics to pediatric healthcare professionals.

## Research Seminar Program at CHORI

As part of our commitment to education, CHORI established the Weekly Seminars, an opportunity for educational enrichment for CHORI's principal investigators, the scientific community, and the public-at-large. Seminars are held in CHORI's "Little Theatre," which has been restored to its original state, circa 1923, and provides a historic setting with state-of-the-art digital equipment for national and international leaders in all areas of scientific research to present their newest ideas and explorations.

## Early Intervention Services

EIS helps train medical and social services professionals in strategies for meeting the mental health needs of children through the Irving B. Harris Early Childhood Mental Health Training Program, the Consultation and Training Team, and Another Road to Safety and Paths to Success. Nearly all early childhood providers in Alameda County were trained by EIS staff.

## Gastroenterology Division

The division's staff have organized conferences for suppliers of celiac disease products, as well as hosted conferences for patients and families. Staff have also organized events, like zoo day for families of patients with mucopolysaccharidosis.

## Hematology Division

Hemoglobinopathy Lab staff gives seminars on sickle cell for the state's sickle cell counselors. Children's is also a participant in The Talking Drums Project, which offers educational events on sickle cell to medical providers, among other services.

## Pediatric and Neonatal Intensive Care Units (PICU and NICU)

The PICU and NICU sponsors training in the care of sick newborns for medical providers throughout the region and provides remote consultation.

## Pulmonary Medicine Division

The Pulmonary Medicine Division provides training for lung diseases for medical providers and professionals who work with children. Since 2000, the division runs an accredited pediatric pulmonary fellowship program to teach pediatricians who desire to enter this field and become board eligible. It offers lectures to the community for professionals and for parents regarding care for common issues like asthma. In addition, it offers educational days for the cystic fibrosis families and extended families multiple times annually.

## Faces for the Future

FACES for the Future offers several educational programs, primarily for racial and ethnic minority high school students, which allow local youth to explore the healthcare and biomedical professions. The program strives to improve healthcare access for minority communities and reduce the health disparities present between race/ethnic groups. In addition the program also aims to increase the diversity of healthcare professionals in the area because statewide, the race/ethnic composition of the healthcare workforce is currently not representative of California's diverse population. FACES for the Future partners with local high schools, health academies, universities, medical schools, and residency programs.

---

**Administrative Office:** ☎ (510) 428-3681 ✉ info@facesforthefuture.org 🌐 www.facesforthefuture.org

**Co-founder and Program Director:** Barbara Staggers, MD ☎ (510) 428-3885, ext. 2742 ✉ bstaggers@mail.cho.org

**Administrative Director:** Shanta Ramdeholl, RN ☎ (510) 428-3214 or ☎ (510) 667-3131 ✉ sramdeholl@mail.cho.org

---

### Health Scholars Academy

Each year, the Health Scholars Academy serves up to 100 high school sophomores from the Oakland and Berkeley Unified School Districts for this three-year healthcare and biomedical research internship program. There are three components to the Academy: Clinical internships, which let student scholars gain experience working in the healthcare field; academic enrichment, which provides students with SAT and college preparation and career planning; and psychosocial services, which offers case management and counseling for students. In 2011, 25 scholars graduated from the Academy, and 92% were accepted to college. FACES Health Scholars alumni have also returned to the program to support current scholars with annual alumni panels as well as providing supervision and college support for the FACES Health Professions Academies.

---

### Health Professions Academies

The Summer Medical Academy, which lasts for two weeks, allows high school students who are at least 15 years old to learn about the medical field through anatomy labs, field trips, and workshops covering clinical skills, medical ethics, and other related topics.

---

### Health Pathways at the Juvenile Justice Center

Health Pathways provides healthcare employment training for youth who are or have been in detention at the Alameda County Juvenile Justice Center in order to lower their risk of recidivism and reincarceration. Program staff members teach participants vocational skills, provide field placement, and help them with the employment process.

---

### Youth Empowering Youth

FACES for the Future and the Oakland Police Activities League have collaborated to create Youth Empowering Youth, a counseling program that lets FACES participants lead health education workshops for their peers in the community. FACES students may teach their peers about various topics such as drug use prevention, reproductive health, and youth violence.

---

### Youth Health Educators

Students from the three-year Health Scholars Academy receive training to become Youth Health Educators. They deliver health lessons to elementary students, especially on topics of illnesses and conditions that are more prevalent in minority groups, and run the Family Health and Science Festival, a fun and educational event for the general public.

---

### Bridging the Gap

In 2011, FACES for the Future collaborated with Samuel Merritt University's School of Nursing to bring FACES Scholars to the Health Sciences Simulation Center, getting an early glimpse into nursing education. Over the course of the Spring semester, Scholars attended full-day workshops in an effort to build solid pathways to higher education in health careers. Students participated in patient scenarios and made connections with current nursing students and faculty, receiving mentorship and guidance.

## CHORI Summer Student Research Program

High school, college, and graduate students who are interested in pursuing careers in biomedical, clinical, and biobehavioral research have an opportunity to participate in CHORI's award-winning Summer Research Program. The 8-week summer program involves placement in a research setting under the guidance of a mentor as well as numerous enrichment activities. The program culminates in a day-long Research Symposium at which students present their research findings to their peers, mentors, friends and family. About 70% of all attendees are students from racial/ethnic groups traditionally underrepresented in the biomedical sciences. Although some students come from other states, most live or attend school in the local community.

The CHORI Summer Research Program was founded in 1981 by Children's current CEO as a way to provide mentored opportunities to students to help them explore and gain experience in research. The program has steadily grown, averaging 46 students per year during the last 5 years. Over 1000 students have gone through the program to date. In 2011, the program celebrated its 30th year. 44 students participated in 2011, two-thirds of whom participated in basic research and the rest in clinical/behavioral research. Typically 5-10 students in each cohort are high school students, who are recruited primarily from local schools with whom CHORI has long-standing partnership.

---

**Contact:** Debra Ellen ✉ [dellen@chori.org](mailto:dellen@chori.org)

# Advocacy

Advocacy at Children’s spans a range of activities and includes formal representation by Children’s as well as advocacy and leadership by its employees, working as representatives of Children’s.

---

## Advocacy by the Hospital

---

**Legislative Visits:** Children’s enhances its advocacy efforts through personal visits with state and federal legislators. Children’s Manager of Government Relations & Public Policy meets regularly with local, state, and federal legislators to advocate on issues impacting Children’s and the children we serve. In 2011, Children’s communicated with legislators regarding local, state, and federal funding and financing legislation; the hospital’s role as a safety net in the East Bay community; and the work of hospital supported and affiliated programs that serve low-income and minority communities in Alameda and Contra Costa Counties.

**National Advocacy Membership:** Members of Children’s administration and the medical staff play an active role in advocating on a national level through non-profit trade associations and professional organizations such as the California Children’s Hospital Association, the National Association of Children’s Hospitals & Research Institutes, the California Medical Association, and the American Academy of Pediatrics.

**Community and Advocacy Program:** A robust residency advocacy curriculum trains the next generation of doctors to advocate for their patients through volunteer activities at programs throughout the county and education about the importance of programs such as WIC, food stamps, and Healthy Families to positive health outcomes for low-income children. The residents also travel to Sacramento to educate legislators about issues critical to pediatric health.

---

## Leadership by Children’s Employees in Local and National Advocacy Organizations (not exhaustive)

---

- Alameda Alliance for Health, Board of Directors
- Alameda County Behavioral Health Care Services Early Connections Design Team
- Alameda County Child Abuse Council’s Multi-Disciplinary Team
- Alameda County Early Childhood Policy Committee
- Alameda County EMS Car Seat Group
- Alameda County Food Bank
- Alameda County Health Workforce Pipeline Coalition
- Alameda County SART Leadership Council
- American Board of Pediatrics
- Berkeley Health Task Force
- Berkeley Youth Alternatives
- California Adolescent Health Collaborative
- California Institute for Regenerative Medicine, Board of Directors
- California Thoracic Society Pediatric Committee
- Childhood Injury Prevention Network
- Children’s Regional Integrated Service System
- Coalition of Freestanding Children’s Hospitals
- Ethnic Health Institute
- Family Care Network Leadership Council
- First 5 Alameda County
- Health Careers Connection
- Hepatitis B Free Alameda
- Medical Education Cooperation with Cuba
- National Association of Pediatric Nurse Practitioners
- Oakland Gang Prevention Task Force
- Pediatric Diabetes Coalition of Alameda County
- Safe Passages
- School Lunch Initiative with Berkeley School District
- Sickle Cell Advisory Committee
- Temescal Business Improvement District

# Children’s Global Health Initiative

Children’s provides benefits not only to the local community but also to the global community through its Children’s Global Health Initiative (CGHI). Children in developing countries represent the greatest opportunity for improving health and decreasing mortality. CGHI’s motto is “Treating Locally, Healing Globally.”

**Contact:** Deborah Dean, MD, MPH ✉ [ddean@chori.org](mailto:ddean@chori.org)

Launched in 2008 as a joint project of Children’s physicians and CHORI scientists, CGHI’s mission is to enable sustainable global health for children and their communities through education, training, clinical care, and translational research.

CGHI allows Children’s to have an even greater global impact by providing clinical services and training, conducting translational research in areas that impact children in developing countries, building clinical and research capacity abroad, fostering international partnerships, conducting foreign exchanges of physicians and scholars between CGHI and other countries, hosting conferences, and establishing a clearinghouse of research that address global health issues. We work in countries by invitation only to translate and transfer our medical and research expertise by training in-country healthcare workers, providing technology transfer to enhance prevention and treatment, and developing research programs that address the diseases these countries encounter every day. In this collective way, we build sustainable programs that suit the needs of the community. In turn, we learn from our colleagues in other countries.

Examples of health issues CGHI’s researchers and clinicians are working on in other countries include Rift Valley Fever, sickle cell disease, behavioral disorders, AIDS, thalassemia, iron deficiency, lead absorption, meningitis, tuberculosis, pneumonia, trachoma, human cytomegalovirus, diabetes, sexually transmitted chlamydia, osteoarthritis, leishmaniasis, glucose intolerance, congenital heart disease, trichiasis, obesity, diabetes, cleft palate, stem cell therapies, premature infants, and folate supplementation.

There are three focused country programs: Ecuador, Uganda, and Vietnam. A number of CGHI’s clinicians have gone on humanitarian missions. In 2010, a team helped launch Holy Innocents Children’s Hospital Uganda, the country’s first-ever pediatric hospital. The team provided 700 pounds of medical supplies and assisted with the neonatal unit, nutrition, mental health, and emergency medicine. In 2011, they continued to go to Holy Innocents for training in neonatal resuscitation and to set up basic electrical and clinical needs to better serve the children. Our Vietnam program is focused on maternal and child health, introducing the first locally available food supplement to decrease maternal infections, prevent fetal death, low birth weight, and improve infant health for the first 2 years of life. In Ecuador, Children’s researchers are studying sexually transmitted diseases to learn how to better prevent these infections through various interventions.

Other CGHI’s clinicians have recently gone to Haiti, China, Nigeria, Lesotho, and Zambia, to name a few.

Below is a map of countries where CGHI’s researchers and clinicians have projects. Details of the specific activities in each country can be found at [www.childrenglobalhealth.info](http://www.childrenglobalhealth.info).

## Countries and areas with which Children’s works:

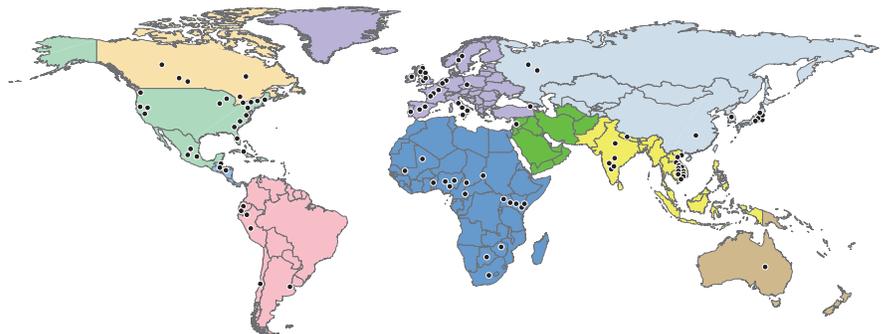
**Africa:** Benin, Ethiopia, Kenya, Lesotho, Mali, Nigeria, Senegal, Uganda, Zambia

**Americas:** Argentina, Belize, Canada, Chile, Cuba, Ecuador, Guatemala, Honduras, Mexico, Peru

**Asia:** China, Japan, India, Korea, Laos, Nepal, Palestinian Territories, Turkey, Vietnam

**Europe:** Albania, Austria, Belgium, France, Georgia, Germany, Italy, Netherlands, Portugal, Russia, Spain, Sweden, United Kingdom

**Pacific:** Australia



## Trauma Care

As the Bay Area's only designated Level 1 pediatric trauma center exclusively for kids, Children's provides immediate, highly specialized pediatric emergency services, 24 hours a day, seven days a week. Children's Trauma Center has 24-hour in-house staff and resources that include Emergency Department attending physicians who are pediatric specialists in emergency medicine, trauma surgery, anesthesiology, neurosurgery, orthopedics, diagnostic imaging, and critical care. Children's maintains an extensive in-house and outpatient Rehabilitation department for pediatric trauma patients.

The Trauma Center also supports an injury prevention program for the hospital and the community.

In 2011, about 675 children required Children's trauma team activation.

---

## Volunteerism

Children's offers a variety of volunteer opportunities for young people. More than 1,000 individuals age 16 years and older volunteer each year, a large number of whom are students. High school and college students can help out in various areas of the hospital such as supervising activities in the Art While You Wait program, reading books to patients in the Reach Out and Read program, and helping conduct research at CHORI.

Project SEARCH is a collaborative effort between Children's, East Bay Innovations, and the Oakland Unified School District to provide unpaid internship opportunities for young adults with developmental disabilities. Eleven interns joined the year-long internship program at Children's for the 2011-2012 year. Among participants in previous years, an astounding 88% have gone on to obtain paid employment positions, including several who were hired by Children's. Only 17% of graduates from Project SEARCH are working in retail or grocery compared with 77% of individuals placed into employment through traditional supported employment.

---

# Children’s Hospital Oakland Research Institute

Children’s Hospital Oakland Research Institute (CHORI) is the division of Children’s dedicated to translating basic and clinical research into health benefits for children. Among all children’s hospitals in the country, Children’s ranks in the top 10 in funding from the National Institutes for Health. In 2011, CHORI had more than 400 active studies, including numerous partnerships with private research organizations, corporations, and universities. In addition to conducting research which has saved lives the world over, CHORI and its staff participate in other non-research activities that directly benefit our local community.

---

**Contact:** Alex Lucas, PhD 📞 (510) 450-7635 ✉ alucas@chori.org

---

## Summer Student Research Program and Symposium

High school, college, medical, and graduate students pursuing careers in biomedical, clinical, and biobehavioral research have an opportunity to conduct research with CHORI researchers as part of the institute’s Summer Student Research Program. At the end of the nine-week program, students present their work at an all-day symposium. Forty-four students participated in the program in 2011, its 30th year.

---

## Postdoctoral Research Fellows

CHORI has a postdoctoral training program in molecular and cell biology with a focus on hematology, immunology, and stem cell biology with an emphasis on work in the laboratory of an experienced scientist. The program supports three fellows.

---

## Staff and Clinical Scientist and Postdoctoral Fellow Association (SPAC)

The Staff and Clinical Scientist and Postdoctoral Fellow Association CHORI (SPAC) was founded in 2001 to unite all junior PhD and MD level scientists working at CHORI. SPAC’s purpose is to support career development for its members and to promote interaction between scientists from different laboratories at CHORI. Any individual with a doctoral degree employed by a Principal Investigator at CHORI, but who is not part of the Scientific Advisory Committee (SAC) is automatically a member of SPAC. This includes all staff scientists, clinical scientists, and postdoctoral fellows.

## V. Economic Impact

Our methodology for determining the economic value of our benefit to the community incorporates elements of the reporting requirements for the IRS 990 and California Hospital Association's community benefit valuation standards. Children's policy and methods for calculating the economic valuation are available upon request. Our community benefit valuation is the total net cost of charity care, undercompensated cost of medical care, professional education, community programs and services, and research after any reimbursement, philanthropic support or supplemental funding have been subtracted.

The total charity care and community benefit we provide has increased this year. Most of this increase is in the Government Sponsored Healthcare category and is due to increased cost of care, increased number of patients requiring care, and flat MediCal reimbursement. The category related to physician costs represents the hospital's support required to retain subspecialists who provide care to children covered by MediCal. The costs reported for the other categories are primarily related to unfunded or underfunded overhead on training and community service grants and contracts. These grants and contracts provide critical staff that the hospital would otherwise have to support but they do not fully cover all the costs incurred delivering these services.

Economic Value	2011
<b>Charity Care</b> (Free care to uninsured and underinsured patients)	\$ 9,184,000
<b>Government Sponsored Healthcare</b> (Unpaid cost of public coverage programs, net of all government funding)	131,136,000
<b>Subsidy to ensure physician coverage for uninsured/underinsured patients</b>	25,444,000
<b>Health Professional Education</b> (Graduate Medical Education, Fellows, Nurses)	3,621,000
<b>Subsidized Health Programs</b> Juvenile Justice Mental Health Services (EPSDT) Trauma Services	805,000 630,000 1,501,000
<b>Community Health Services</b> Family House Child Life Services Family Resource and Information Center Center for Child Protection FACES for the Future HIV Program Hemoglobinopathy Center Injury Prevention Program Palliative Care Asthma Programs Pediatric Urgent Referral Phone Line Early Intervention Services	468,000 904,000 319,000 868,000 381,000 61,000 517,000 204,000 54,000 (7,000) 252,000 290,000
<b>Research</b> (Includes research costs not covered by external sponsors)	10,920,000
<b>Advocacy for Children's Health Issues</b>	Included In Operations
<b>Subtotal</b>	187,552,000
<b>Less Dsh/Supplemental Funding (SB855/SB1255) including Measure A</b>	(27,803,000)
<b>Less Net Hospital Provider Fee</b>	(21,162,000)
<b>Total Charity Care and Community Benefit</b>	\$ 138,587,000







CHILDREN'S HOSPITAL  
& RESEARCH CENTER OAKLAND

747 52nd Street, Oakland, CA 94609  
510-428-3000  
[www.childrenshospitaloakland.org](http://www.childrenshospitaloakland.org)