

# PARTNERS IN PEDIATRICS

A QUARTERLY PUBLICATION FOR PHYSICIANS

VOLUME 4 ISSUE 1

## MISSION ACCOMPLISHED: TRAUMA CENTER OPENS ITS DOORS



NEW PROGRAMS, PHYSICIANS BOLSTER CENTER FOR PEDIATRIC  
ORTHOPAEDIC SURGERY

CENTER FOR PEDIATRIC INTERVENTIONAL RADIOLOGY LAUNCHES

CHILDREN'S NEUROSCIENCE INSTITUTE PREPARES FOR THE FUTURE

## PARTNERS IN PEDIATRICS

Partners in Pediatrics welcomes story suggestions and feedback from all physicians.

Please contact:  
Mark Tsuchiya (602) 546-5859, mtsuchiya@phoenixchildrens.com

Contributors:  
Murray Pollack, MD, MBA

Photography:  
Ben Arnold Photography  
Aaron Aslanian Photography  
Joel Grimes

Design: Susan Zobott

Editorial Board  
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Phoenix Children's Hospital  
1919 East Thomas Road  
Phoenix, AZ 85016  
(602) 546-1000  
www.phoenixchildrens.com

**ON THE COVER:**  
**July 21, 1008: Clinical and executive leaders of Phoenix Children's Hospital along with board members join Phoenix EMS workers at the Trauma Center ribbon cutting.**



## NOTE FROM THE CHIEF MEDICAL OFFICER



Last year was a monumental one for Phoenix Children's Hospital. We accomplished a great deal, all of it in response to the commitment we share with you to provide the finest pediatric healthcare to our community's children.

In addition to breaking ground on our expansion, we've added important programs to a list of more than 40 sub-specialty services we offer and have made improvements to many of the clinical areas already on campus.

July saw the opening of our Level 1 Pediatric Trauma Center, the only such program in the state exclusively for children. Phoenix Children's also started the state's first Sports Medicine Program for young athletes, a much needed service aimed at educating young athletes on injury prevention and providing pediatric specific surgical and non-surgical treatments for sports-related injuries. Another important program that launched in 2008 at Phoenix Children's is the Lipid Clinic, a service that counsels and treats patients who are struggling with obesity and high cholesterol levels. And it was one of our existing programs, the Center for Cancer and Blood Disorders, that recently renovated its space, adding seven infusion areas, bringing the total number to 13.

The focus of our growth has not been limited to acreage and the addition of programs; our physician leaders, too, are growing. The Hospital's division chiefs and other physicians participated in business training offered by the University of Arizona to help them develop and manage the innovative patient-care and magnet programs Phoenix Children's offers.

Yes, we accomplished a great deal in 2008, and the experience we've gained will help us as the Hospital – in the midst of this significant growth stage – is challenged with the tough financial times we all face in the coming year. But we are on solid financial ground; bonding for the expansion project was secured in 2007, our operating performance over the last six years has been strong, and we are supported by bright and committed financial minds serving on our Board of Directors.

In short, we're in a great position to continue our mission to provide hope, healing, and the best pediatric healthcare to the children of Arizona.

Sincerely,

Murray M. Pollack, MD, MBA  
Chief Medical Officer and Vice President, Medical Affairs

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# CENTER FOR PEDIATRIC ORTHOPAEDIC SURGERY MAKES SIGNIFICANT STRIDES

Since joining Phoenix Children's Hospital in 2007 to lead its Center for Pediatric Orthopaedic Surgery, Lee Segal, MD, has been busy building what has become the Southwest's most comprehensive program for the treatment of children's musculoskeletal injuries and disorders.

"The growth of the division has far exceeded my expectations over the first year," says the Herbert J. Louis, MD, Endowed Chair of the program. "It's been a challenging time and an exciting time."

Upon reviewing a list of physicians and services the center has added, it's easy to agree with Segal's take. The program now has four pediatric orthopaedic surgeons and is actively recruiting a fifth.

## SPORTS MEDICINE, OTHER ORTHOPAEDIC SUB- SPECIALTY PROGRAMS NOW OFFERED

Along with Segal, Jeffrey Vaughn, DO, Greg White, MD, and Judson Karlen, MD, offer expertise in a variety of sub-specialty areas. The center has also added two new services – the Sports Medicine Program and a Fracture Clinic

"The growth of the division has far exceeded my expectations over the first year."

— Lee Segal, MD, Herbert J. Louis, MD, Endowed Chair, Center for Pediatric Orthopaedic Surgery



**Lee Segal, MD**, Herbert J. Louis, MD, Endowed Chair of the Center for Pediatric Orthopaedic Surgery, reviews an X-ray with a patient.

– in addition to embarking on two new research studies, expanding its scoliosis and spinal deformity program, and launching educational programs.

Vaughn heads the center's newly formed Sports Medicine Program, a service dedicated to young athletes and the only program of its kind in Arizona. Vaughn is uniquely equipped to launch the program: He received his sub-specialty training at Children's Hospital, Harvard Medical School, home of the nation's only accredited pediatric sports medicine fellowship.

"In this type of community where you have so many young athletes and year-round good weather, parents need an outlet where they can send kids to a program that is used to taking care of sports injuries that are specific to kids," Vaughn says. "There are definitely sports medicine physicians in the Valley, but as far as we know, there's nobody that has really focused on the young athlete – people who are still growing and can end up with different injuries or present with injuries that we don't see as commonly in adults."

The program aims to prevent injuries by teaching young athletes ways to participate in sports safely and avoid injury. If injury does occur, Vaughn and his team, which includes a physician assistant and physical therapist, utilize proven rehabilitative techniques and surgery, if necessary, to return athletes to their activities as quickly and safely as possible.

Another new program, the center's Fracture Clinic, operates on Tuesdays and Thursdays, when surgeons see young patients who have recently suffered fractures. In addition to providing casting services and appropriate follow-up care, the clinic also offers same-day outpatient fracture reduction services to children whose bone breaks need to be set. Adding to the convenience are on-site pediatric radiology services, ensuring patient X-rays are read by a medical professional who has experience working with children.

In addition to the launch of those programs, Segal and his team are in the embryonic stages of development of three other programs: the VEPTR Program, named after a rib-expansion procedure to ease breathing in children living with Thoracic Insufficiency Syndrome; the Bone Tumor Program, which will focus on the treatment of patients living with benign and malignant abnormal bone masses; and the Hip Dysplasia Clinic, a program that will treat children with all forms of hip disease, ranging in age from infancy to late adolescence.

Karlen, one of the group's newest pediatric orthopaedic surgeons, recently trained with renowned orthopaedic surgeon Reinhold Ganz, MD, in Switzerland, learning new applications from Ganz's pioneering work in approaches and surgical techniques involving the hip.

"Significant work has been performed to better understand the blood supply to the hip, which has allowed new approaches for hip problems," Karlen says. "The group led by Professor Ganz in Switzerland has developed a safe approach for surgical dislocation, which allows exposure of and modification to all parts of the hip joint."

According to Karlen, who has already successfully used this technique at Phoenix Children's, when used for slipped capital femoral epiphysis patients, this approach has allowed for the complete correction of deformity with no avascular necrosis caused in over 70 patients in the Swiss experience.

## TEACHING THE PHYSICIANS OF TOMORROW, OFFERING SERVICES IN LOCATIONS ACROSS ARIZONA

The group has also begun training medical students, orthopaedic residents, and emergency medicine fellows and will soon embark on two prospective studies on femur fractures in children, Segal says.

In addition to bolstering the center's breadth of care, its geographic coverage has expanded, too. The group is now seeing orthopaedic patients in Flagstaff and at Phoenix Children's Specialty and Urgent Care – East Valley Center in Mesa. Segal and the center's other physicians will also begin seeing West Valley orthopaedic patients when the Hospital's Glendale location opens this summer.

Segal says the growth of the program is driven by the mission of the Hospital: "This is all part of our efforts to improve access to care and quality of care for the children of Arizona."



**Jeffrey Vaughn, DO**, who oversees the center's Sports Medicine Program, meets with patient Kelley Frasier before surgery.



**Judson Karlen, MD**,  
Pediatric Orthopaedic Surgeon



**Jeffrey Vaughn, DO**,  
Sports Medicine Specialist and  
Pediatric Orthopaedic Surgeon



**Greg White, MD**,  
Pediatric Orthopaedic Surgeon

## HOSPITAL BRIEFS

### RSV SEASON, VISITOR RESTRICTIONS IN EFFECT

Due to the increased level of respiratory viruses being seen in the community, Phoenix Children's Hospital instituted restrictions effective Saturday, Dec. 20, 2008. The Hospital will continue to monitor respiratory viruses being seen in the community and discontinue restrictions when overall numbers have decreased. Restrictions apply at both the Thomas and McDowell campuses of Phoenix Children's Hospital.

During Respiratory Virus Restrictions, visitors must be at least 12 years old to visit with patients hospitalized at either of our campuses until the end of respiratory virus season.

- Children less than 12 years old will not be allowed past the front lobby and may not be left unattended in this area.
- Screening of all visitors will occur at the front lobby and emergency room entrances.
- Signage will be posted at all Hospital entrances for visitor information.
- Educational handouts for families and visitors will be available in the main lobby, emergency department, and patient care areas.

Outpatient Radiology and Diagnostics will be exceptions to the above restrictions.

- Siblings 12 years and under may go to Radiology with outpatients who are receiving services in these departments.
- They may not go to other areas of the Hospital, including the cafeteria and gift shop.

The Hospital realizes individual circumstances arise and will be considered on a case-by-case basis. Please call Infection Control for assistance with these needs.

Phoenix Children's appreciates your cooperation during the respiratory viral season. Last year, restrictions were lifted in April. The Hospital anticipates a similar time frame this year. Questions may be directed to Infection Control at (602) 546-0830.

### CENTER FOR CANCER AND BLOOD DISORDERS EXPANDS TO MEET GROWING COMMUNITY NEEDS

The Center for Cancer and Blood Disorders recently completed a renovation, adding much needed clinic and office space. The center added seven infusion areas – bringing the total number to 13 – a consult room, staging room, and second nurse's station.

Over the past four years, the Center for Cancer and Blood Disorders has doubled its physician staff and added four physicians to the team in 2008 alone. It is the only program in the state that is a member of the Pediatric Oncology Experimental Therapeutic Investigator Consortium (POETIC), a Phase I consortium composed of 10 large academic medical centers in the United States and Canada.

As a member of the consortium – which includes renowned hospitals such as Johns Hopkins, MD Anderson Cancer Center, and Memorial Sloan-Kettering Cancer Center, among others – Phoenix Children's is the sole healthcare facility in Arizona conducting Phase I trials, giving pediatric cancer patients access to the latest treatments available.

In related news, the center's Bone Marrow Transplant team – a collaboration with Mayo Clinic Arizona led by Roberta Adams, MD – recently completed its 70th bone marrow transplant.

One of only two locations in the state of Arizona, and the only facility in the Phoenix metropolitan area that offers pediatric bone marrow transplant services, the center's staff includes three physicians who specialize in the treatment.

To contact the Center for Cancer and Blood Disorders, call (602) 546-0920.



**Phoenix Children's Child Life Specialist Kari Green** helps a young patient with a movie in the Center for Cancer and Blood Disorder's remodeled infusion area.

### INTERVENTIONAL RADIOLOGY ARRIVES AT PHOENIX CHILDREN'S

Phoenix Children's Hospital's Division of Pediatric Radiology recently opened its Center for Pediatric Interventional Radiology (CPIR). The only center of its kind for children in the Southwest, CPIR provides state-of-the-art, minimally invasive diagnostic and therapeutic procedures to kids of all ages, even newborns. CPIR provides exceptional, family-centered medical care as only a children's hospital can.

Led by renowned pediatric radiologist and Section Chief Richard Towbin, MD, CPIR completes procedures without open surgery, reducing morbidity and mortality, lowering costs, and making recovery faster and more comfortable. CPIR uses the latest diagnostic and radiological equipment with features exclusively for the pediatric patient, making them safe for use on even the smallest child.

CPIR is staffed by pediatric interventional technologists, nurses, and two full-time, pediatric-trained interventional radiologists. Each of the clinical professionals has extensive pediatric training.

For more information about the Center for Pediatric Interventional Radiology or to make a referral, please call (602) 546-1213.



**Richard Towbin, MD**, Section Chief, Division of Pediatric Radiology



**Pediatric interventional radiologists Richard Towbin, MD, and Carrie Schaefer, MD**, complete a procedure on a young patient.



**Clinical professionals** representing a variety of pediatric specialty and sub-specialty areas comprise the trauma team.

## MISSION ACCOMPLISHED: **STATE'S FIRST LEVEL 1 TRAUMA CENTER EXCLUSIVELY FOR KIDS** ALREADY MAKING MAJOR CONTRIBUTION TO COMMUNITY

Dana Butler will never forget Sept. 8, 2008. The morning started out as usual. Dana, a mother of 13, was preparing her children for school. Her five youngest daughters, including 19-month-old Callie, played outside in the Butler's front yard in Show Low.

A family friend stopped by to drop off some paperwork for Dana. When he slowly started backing out of the driveway, Callie stepped behind the vehicle and was run over.

"Right then," Dana says, "I was living every parent's worst nightmare."

Callie was rushed to Summit Healthcare Regional Medical Center. After nearly losing the young girl twice, physicians were able to stabilize Callie, who had suffered significant trauma to her head.

She was transported by Air Evac to Phoenix Children's Level 1 Trauma Center, where a team of surgeons, emergency medicine physicians, trauma-trained nurses, patient care technicians, social workers – even a chaplain – waited for her.

"Instantly, the Hospital had a social worker there who was very compassionate, caring, wanting to be of assistance," Dana says. "Dr. Bank, the physician that was attending Callie, came in frequently to keep me posted on her status."

It's as if the team in place was able to anticipate not only Callie's needs, but the family's as well, Dana recalls.

In July 2008, Phoenix Children's Hospital launched the state's first and only Level 1 Trauma Center exclusively for children. It was born to address a singular, but daunting statistic: Traumatic injuries are the leading cause of death in children.

### BUILDING THE TEAM

David Bank, MD, MBA, credits pediatric surgeon and trauma medical director David Notrica, MD, FACS, FAAP, with taking the reigns of the long-standing goal of bringing trauma service to Phoenix Children's.

"Dr. Notrica is truly the champion for getting us to where we are," Bank says.

Notrica's first move was identifying an individual who had experience building a pediatric trauma program. One name was mentioned time and again by colleagues: Debra Brown, RN, BSN, MHA. Notrica sought out Brown, who was still working at the Level 1 pediatric trauma program she had established in Texas.

"This was not something that was done to make a profit for the Hospital. This was done because taking care of injured children was something we felt was a part of the mission of Phoenix Children's Hospital."

— David Notrica, MD, FACS, FAAP, Medical Director,  
Trauma Center



**July 21, 2008: David Notrica, MD, FACS, FAAP, medical director of trauma, and Deb Brown, RN, BSN, MHA, program director of the center, worked tirelessly to develop and launch the trauma program.**

“There hadn’t been a freestanding children’s hospital verified by the American College of Surgeons in a decade, except for Dallas Children’s, a program guided by Deb, so she really was the only one we wanted,” Notrica says. “After several long distance phone calls and a Sunday evening dinner meeting in Phoenix, she agreed to move her family to Arizona and develop our trauma program for us.”

The next obstacle was to gain buy-in from the sub-specialist physicians, a unique hybrid group represented by Hospital-employed and private practice specialists.

“Dr. Notrica was able to pull all parties together, bring them to the table, and have an open discussion about what the needs would be for every individual physician group to participate in a trauma program,” Bank says.

“In the end, physicians committed to the development of the pediatric Level 1 Trauma Center at Phoenix Children’s Hospital because it was the right thing to do for the children of Arizona,” says Notrica.

#### EMS SUPPORT EQUALS BUSY PROGRAM FROM DAY ONE

With the physicians on board, Notrica and Brown set out to introduce the idea to EMS providers and other healthcare facilities, groups responsible for transferring and transporting seriously injured pediatric patients to Phoenix Children’s.

Notrica says the week after the Hospital opened to trauma patients was the week the center went to full volume. And according to scene-of-injury transport services, the Trauma Center is a valuable resource.

“Phoenix Children’s can deliver services that encompass medical care for children who suffer any emergency, whether it be

medical or trauma,” says Phoenix Fire Department Captain Dan Donahue, whose team regularly transports seriously injured children to the Hospital. “These types of investments within our community are beyond appraisal because their value is so far reaching and touch so many lives.”

#### PARTNERING WITH PHYSICIANS ACROSS ARIZONA

Medical professionals from across the state have also entrusted Phoenix Children’s with the care of their seriously injured young patients.

“Pediatric trauma is one of the hardest things for a rural ER physician and nurse to deal with,” says Philip Johnson, MD, director of emergency services at Summit Healthcare Regional Medical Center in Show Low, a facility located nearly 200 miles away from Phoenix Children’s. “To be able to make one phone call, get a ‘yes’ to the transfer request, and have a pediatric trauma specialist to talk to is a vital resource that is great to have.”

Prior to the opening of Phoenix Children’s trauma program, it was not uncommon for referring physicians to call multiple trauma centers in search of available beds, Johnson says.

“Time is a factor, and I like to get the child in the air as soon as possible,” he says. “The most important thing for a rural ER physician is to not have to wait for a potential bed before transfer.”

Phoenix Children’s works closely with Air Evac Services, Inc., an Arizona-based air ambulance service that plays a critical role in transporting pediatric trauma patients from across the state to Phoenix Children’s. Since the Hospital’s Trauma Center opened in July, Air Evac has delivered 25 scene-call trauma patients to Phoenix Children’s and several more from emergency departments throughout Arizona.

Upon arrival, seriously injured patients are cared for by a team of medical professionals who are trained specifically in pediatric trauma. Pediatric surgeons lead a team of specialists, including plastic surgeons, pediatric orthopaedic surgeons, pediatric neurosurgeons, pediatric emergency medicine physicians, pediatric radiologists, pediatric intensivists, anesthesiologists, registered nurses, and other trained clinical professionals who assess and treat young patients.

#### STEPPING UP TO MEET THE COMMUNITY’S NEEDS

Through the end of 2008, 946 children were treated at Phoenix Children’s Level 1 Trauma Center. Brown stresses that establishing the center was a voluntary process – an effort not mandated by anyone.

“The administration, Board and the surgeons made the choice to do the right thing for the kids in our community,” Brown says.

Notrica adds, “This was not something that was done to make a profit for the Hospital,” he says. “This was done because taking care of injured children was something we felt was a part of the mission of Phoenix Children’s Hospital.”



**Phoenix Fire Department Captain Dan Donahue, a huge supporter of the Phoenix Children’s Level 1 Trauma Center, speaks at the program’s grand opening.**

“Pediatric trauma is one of the hardest things for a rural ER physician and nurse to deal with. To be able to make one phone call, get a ‘yes’ to the transfer request, and have a pediatric trauma specialist to talk to is a vital resource that is great to have.”

— Philip Johnson, MD, director of emergency services, Summit Healthcare Regional Medical Center



In the weeks and months leading up to the launch of the program, members of the trauma team participated in "mock calls" in preparation for the July 21 opening.

The next step in the growth of the Trauma Center is full verification by the American College of Surgeons (ACS), whose verification site visit is scheduled for fall 2009. Currently, there are only 16 Level 1 pediatric trauma centers at children's hospitals verified by the ACS. Phoenix Children's will be the 17th.

### MISSION ACCOMPLISHED

According to a story published in a 2005 issue of *Surgery News*, a study of 80,000 pediatric trauma cases showed that the 10.7 percent of children treated in pediatric hospitals had a lower mortality rate and shorter length of stay than the 89.3 percent of youngsters treated at adult hospitals. Fortunately, Callie, too, benefitted from care at a pediatric trauma center.

David Moss, MD, the young girl's neurosurgeon, calls her a miracle. Among her injuries was a basilar fracture of her skull and a subdural hematoma. She has benefited greatly from several of the rehabilitative services offered by Phoenix Children's, including its neuro-rehabilitation and music therapy programs. She's even walking again.

"The care that Callie received at Phoenix Children's was heaven-sent," her mother says. "We hope and we feel that she will have as close to a full recovery as possible."



Callie Butler (right), after receiving life-saving care in the Hospital's Trauma Center, works with Missy Thomas, MA, CCC-SLP, of Phoenix Children's Swallowing Rehabilitation Program. Callie's mother, Dana Butler, is hopeful for a full recovery.

## CHILDREN'S NEUROSCIENCE INSTITUTE LAYS GROUNDWORK FOR THE FUTURE

The Children's Neuroscience Institute – comprised of the divisions of neurology, developmental pediatrics, neurosurgery, behavioral medicine (psychiatry and psychology), neuroradiology, and rehabilitation medicine – is expanding much as the Hospital itself.

"Since 1992, we've laid down the building blocks for the neuroscience program, and now we're seeing our efforts come together in the form of this institute, which is truly a one-stop shop for children who need specialty and sub-specialty neuroscience care," says Allen Kaplan outgoing director of the institute. "In the years to come, we're looking forward to an institute that will not only serve the needs of the children of Arizona, but children across the Southwest and United States."

### INTERNATIONALLY RENOWNED NEUROTRAUMA AND NEUROSURGERY EXPERT RECRUITED TO LEAD THE INSTITUTE

The momentum and growth of the institute – made possible by an unprecedented collection of talented medical professionals – have resulted in the successful recruitment of David Adelson, MD, FACS, FAAP, who will guide the future growth of the program as the new director of the Children's Neuroscience Institute and division chief of Neurosurgery.

Adelson is an international expert with specializations in neurotrauma and the surgical treatment of epilepsy. He comes to Phoenix Children's from the Children's Hospital of Pittsburgh where he served as the A. Leland Albright Professor of Neurosurgery/Pediatric Neurosurgery; Vice Chairman, Department of Neurosurgery; Director, Walter L. Copeland Neurosurgical Laboratories; Director, Pediatric Neurotrauma Center; and Director, Center for Injury Research and Control. Adelson's goal is to continue to build the Children's Neuroscience Institute and the Division of Neurosurgery into a premier, nationally recognized program.

### EPILEPSY PROGRAM OFF AND RUNNING

The institute's Comprehensive Pediatric Epilepsy Program, launched in 2007 and led by Jeffrey Buchhalter, MD, PhD, continues its steady growth. Epileptologists Korwyn Williams, MD, PhD, and Randa Jarrar, MD, a former colleague of Buchhalter's at Mayo Clinic, Rochester, Minn., have joined the team. Together, Buchhalter and his staff have developed the program's Pediatric Epilepsy Monitoring Unit (PEMU). In this unit reserved specifically for epilepsy patients and their families, each room is

outfitted with specialized video and monitoring equipment. Once a child experiences a seizure, videotape captures the episode; simultaneously, the child's brainwaves are recorded in the nearby EKG lab. The combination of feedback during an actual seizure leads to more accurate diagnoses. Since its opening to the end of 2008, 266 patients were monitored in the unit.

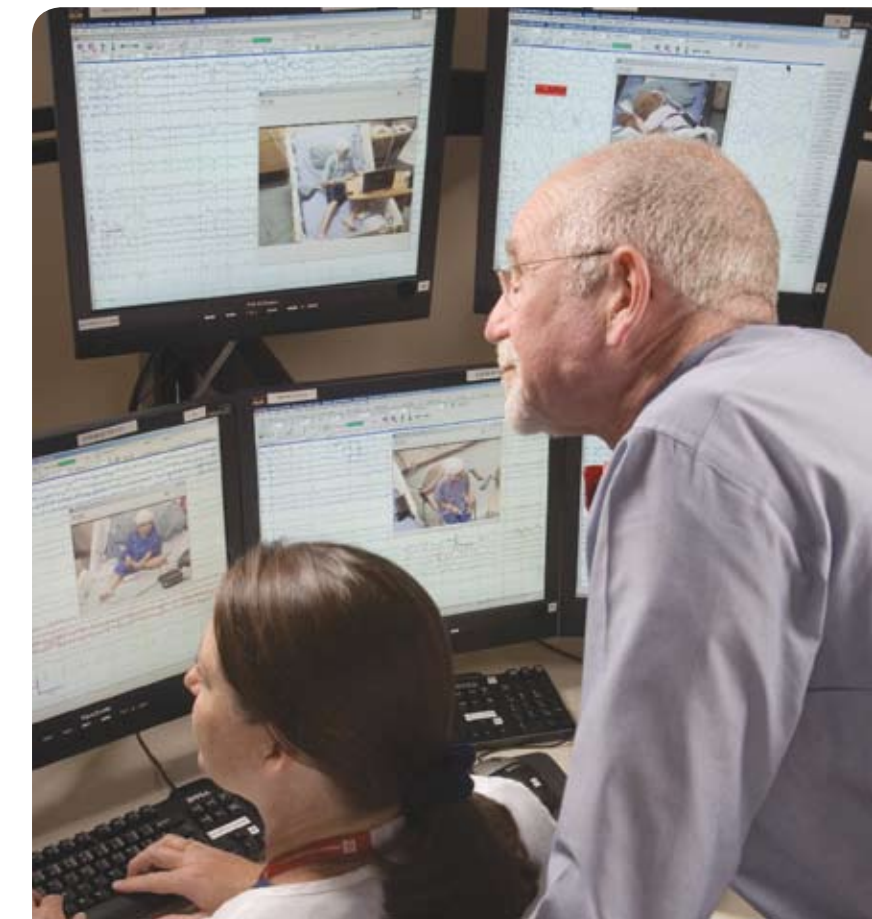
Additionally, Phoenix Children's epileptologists now have the capability of utilizing ictal SPECT and PET, diagnostic techniques that help physicians localize the seizure focus, Buchhalter says.

"You can't make anything really great happen without resources and the medical leadership saying 'we want to go to the next level,'" Buchhalter says, adding that organizational support for the program has been a major reason for the program's success.

### PEDIATRIC HEADACHE EXPERT JOINS TEAM

The Children's Neuroscience Institute also broke new ground with the addition of its pediatric Headache Clinic, a program only available in a handful of areas across the country. Marcy

**Jeffrey Buchhalter, MD, PhD**, who leads the Hospital's pediatric epilepsy program, closely watches patients in the state-of-the-art Pediatric Epilepsy Monitoring Unit.



Yonker, MD, a pediatric neurologist, joined the institute to lead the clinic, which addresses the complex needs of children who suffer from chronic headache. Headache is the most common reason for referral to a pediatric neurologist, yet very few pediatric neurologists have a specialized interest in this area. As one of only a few pediatric headache experts in the U.S., Yonker, who was recently elected to fellow status by the American Headache Society, co-authored an article titled "Obesity in the Pediatric Headache Population: A Multicenter Study." The study examined the prevalence of obesity, the relationship between weight compared with headache frequency and disability, and the effect of weight change on headache outcomes within a pediatric population.

### RADIOLOGY, BEHAVIORAL MEDICINE, REHABILITATION OFFER PATIENTS MULTI-DISCIPLINARY CARE

The institute's neuroradiology arm now has four physicians on staff. Led by Radiology Section Chief Richard Towbin, MD, the sub-specialty offers the use of state-of-the-art technology and diagnostic procedures, including the addition of a PET-CT and MR spectroscopy capabilities.

Under the leadership of Eric Benjamin, MD, and Michael Lavoie, PhD, the Division of Behavioral Medicine has added four psychiatrists to its group. Additionally, two psychologists joined the team, one of them – Joy Goldberg, PhD – who specializes in neuropsychology, a field that evaluates children whose central nervous systems are not functioning normally.

Another significant gain for the Children's Neuroscience Institute was the launch of the Frances H. McClelland Center for Pediatric Rehabilitation at Phoenix Children's Hospital. The center, made possible by a \$4 million gift from The Emerald Foundation, offers state-of-the-art, on-site rehabilitative services to patients of the Children's Neuroscience Institute and other specialty areas of the Hospital.

The gift has also allowed the Hospital to begin recruitment for a dedicated pediatric physiatrist, a relatively new medical specialty that focuses on children who are in need of rehabilitation or therapy to achieve their maximum function.

**CNI patients** will be supported in their recovery with the establishment of the Frances H. McClelland Center for Pediatric Rehabilitation.



**Renowned Neurosurgeon P. David Adelson, MD, FACS, FAAP**, was recruited from Children's Hospital of Pittsburgh to serve as director of the Children's Neuroscience Institute and section chief of Neurosurgery.



**Randa Jarrar, MD**, Pediatric Epileptologist



**Marcy Yonker, MD**, Pediatric Neurologist and Headache Specialist



## Phoenix Children's Hospital 32nd Annual Pediatric Update 2009

March 2-5, 2009  
Hilton Scottsdale Resort & Villas  
6333 North Scottsdale Road  
Scottsdale, AZ 85250

Hosted by Phoenix Children's Hospital for the past 32 years, Pediatric Update offers physicians from across the country the opportunity to learn the latest evidence-based practices in pediatric medicine. Pediatric Update has grown significantly since its diminutive inaugural gathering three decades ago. Today, the event welcomes hundreds of top pediatricians from throughout the United States who recognize and value this opportunity for continuing medical education.

Pediatric Update 2009 features nationally prominent faculty – including several sub-specialists from Phoenix Children's Hospital – presenting topics that highlight the most recent advances and current issues in pediatrics. The program is designed for practicing pediatricians, other primary care physicians, and pediatric nurse practitioners to increase their knowledge in the following pediatric sub-specialty areas:

Allergy/Immunology, Behavior & Development, Billing and CPT Coding, Dermatology, Gastroenterology, Hematology/Oncology, Infectious Disease, Neonatology, Neurology, Radiology, and Sports Medicine.

This course will combine lectures and workshops with question and answer sessions to allow the opportunity for interaction with nationally renowned faculty members.

To view the conference schedule and registration brochure, contact JoAnn Cunningham at (602) 546-0766 or (602) 546-0761 or [jcunnin@phoenixchildrens.com](mailto:jcunnin@phoenixchildrens.com).

FEBRUARY

### 19 CME Dinner Lecture Series: Interventional Radiology – What's New at PCH

6 p.m. to 7:30 p.m.  
Gainey Ranch Golf Club, 7600 Gainey Club Drive  
Scottsdale, AZ 85258  
[www.gaineyranchcc.com](http://www.gaineyranchcc.com)

### 26 CME Dinner Lecture Series: Interventional Radiology – What's New at PCH

6 p.m. to 7:30 p.m.  
Buca di Beppo, 1730 South Val Vista Drive  
Mesa, AZ 85204  
[www.bucadibeppo.com](http://www.bucadibeppo.com)

MARCH

### 2-5 Pediatric Update 2009

Hilton Scottsdale Resort & Villas, 6333 North Scottsdale Road  
Scottsdale, AZ 85250.  
Contact: JoAnn Cunningham at (602) 546-0766 or (602) 546-0761

### 26 CME Dinner Lecture Series: Interventional Radiology – What's New at PCH

6 p.m. to 7:30 p.m.  
Arrowhead Country Club, 19888 North 73rd Avenue  
Glendale, AZ 85308  
[www.arrowheadccaz.com](http://www.arrowheadccaz.com)

1919 East Thomas Road  
Physician Relations Department  
Building C  
Phoenix, AZ 85016



### PHOENIX CHILDREN'S HOSPITAL

1919 East Thomas Road  
Phoenix, AZ 85016-7710  
(602) 546-1000  
[www.phoenixchildrens.com](http://www.phoenixchildrens.com)

**Entrance:** Turn South on 20th Street. Go to Cambridge. Turn right to Parking Entrance.

**Parking:** There is no charge for visitor parking. Free Valet service for patients and families is now available. The valet stand is located between the Outpatient (B) Building and the Hospital's circle drive/main entrance. Families and visitors may still park in the existing garage on the east side of level two or anywhere on levels three through five.



### PHOENIX CHILDREN'S SPECIALTY CARE CENTERS

**Phoenix Children's Julie and Tim Louis NICU - McDowell Road**  
1111 East McDowell Road  
Phoenix, AZ 85006  
Phone: (602) 546-4900 Fax: (602) 546-4910

**Phoenix Children's Specialty Care - Scottsdale**  
10210 North 92nd Street, Suite 101  
Scottsdale, AZ 85258  
Phone: (480) 314-1144 Fax: (480) 314-9752

**Phoenix Children's Specialty Care - Glendale**  
5757 West Thunderbird, Suite E-353  
Glendale, AZ 85306  
Phone: (602) 863-0864 Fax: (602) 863-0683

**Phoenix Children's Specialty and Urgent Care - East Valley Center**  
5131 East Southern Avenue  
Mesa, AZ 85206  
Phone: (480) 833-KIDS (5437) Fax: (480) 833-9349

**Phoenix Children's Center for Pediatric Orthopaedic Surgery**  
1641 East Osborn Road, Suite 6  
Phoenix, AZ 85016  
Tel: (602) 241-0276 Fax: (602) 241-0292