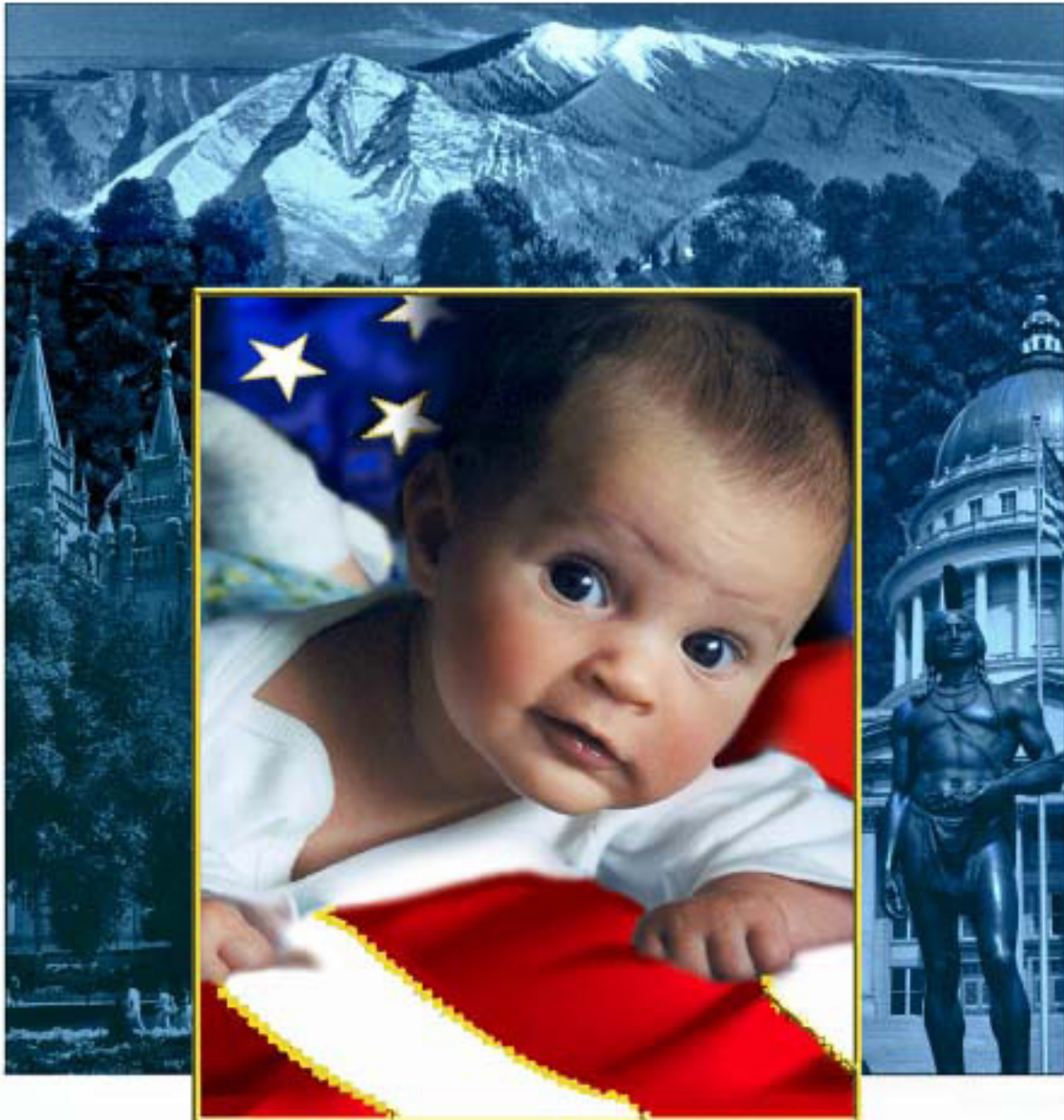


 *The National Center on*  
**Shaken Baby Syndrome**



*Fourth National Conference On*  
**Shaken Baby Syndrome**

*September 12-15, 2002*

## Salt Lake City - The Olympic Host City

### Salt Lake - Always in Season

Who can forget the spectacular images of the beautiful, Olympic city nestled at the base of snow capped mountains broadcast over our televisions last February? The world was exposed to Salt Lake City when it hosted the 2002 Winter Olympics. Now is your chance to experience this wonderful, safe and vibrant city first hand when you attend the Fourth National Conference on Shaken Baby Syndrome.

The city is nestled in a valley between the Great Salt Lake, referred to as America's Dead Sea, and a dramatic Rocky Mountain range. It offers breathtaking views of majestic peaks even from downtown. Canyons serpentine through the city's neighborhoods, creating a park-like atmosphere all year. A blaze of brilliant foliage erupts on canyon walls in Autumn. Daily sunshine, low humidity, and refreshing mountain breezes combine for a very comfortable climate in September.

The city boasts a vibrant nightlife with more than 1,000 restaurants, brewpubs, dance clubs and private bars and Utah's liquor laws have become mainstream. A thriving dining scene includes nationally recognized fine

dining, casual diners, and authentic ethnic restaurants. The city also offers a wide spectrum of cultural options with nationally acclaimed symphony, opera and theater.



## Little America Hotel and Towers

### A Tradition of Excellence

There is just something special about the Little America Hotel. From the cozy French Limestone fireplaces and lavish Spanish marble appointments in the lobby, to the myriad of shops and business services, it's clear that Little America strives to offer the most luxurious amenities.

- Salt Lake's largest indoor/outdoor swimming pool
- Health club with sauna, whirlpool, and fitness center -or- guest privileges at other nearby health & fitness centers.
- Full service business center
- New large 31" TV with in-room movies
- Complimentary airport shuttle service for individual guests



Conference participants will be guests of Little America Hotel and Towers. This luxurious hotel is located in the heart of Salt Lake City. Close to the downtown area are Abravanel Hall, Ballet West, the LDS Family History Library, the Salt Lake Arts Center and Temple Square.

A large block of rooms have been reserved at reduced rates of \$139 and a limited number of rooms are available at \$109 plus room tax. Please make your reservation early to ensure space. Reservations made after August 11 will be subject to availability and are not guaranteed the special conference rate.

You may call Little America for room reservations at 1-800-453-9450 or 1-801-596-5966.

Please register under the group name of the Fourth National Conference on Shaken Baby Syndrome.

## Invitation from the Chairman

Alex Levin, M.D., Chairman, International Advisory Board of Directors  
The National Center on Shaken Baby Syndrome

You and I cannot not even begin to imagine the world of a shaken baby: a defenseless victim against senseless violence.

Child abuse is the leading cause of death by trauma in young children. It is estimated that there are over 2000 deaths per year in the United States: more than 5 per day and that abuse results in over 18,000 disabled children each year.

So it becomes our mandate - healthcare workers, social workers, child protective agencies, law enforcement, members of the legal profession, and the public - to understand this epidemic. With this objective in mind, the National Center on Shaken Baby Syndrome invites you to our Fourth Annual International Conference on the Shaken Baby Syndrome. It is our hope that this venue will allow rigorous and productive scientific discourse, mutual support, and a fruitful exchange of ideas. Let's share with each other what we have learned and what we are learning. Let's address areas of uncertainty and take a stand where science has led us to certainty. We must welcome scientific challenge and constructive discourse. Let science help us cut a clear path towards truth and let the ethics of caring pave the road of concern.

Together, we can find ways to better serve the young victims of this potentially fatal disease. Perhaps most importantly, we must join together to search for effective prevention strategies so that no child will ever have to bear this burden.

I am very grateful for the hard work contributed by the multidisciplinary Program Committee for this conference. Each year, the planners have strived to bring to the delegates, the most sought after speakers in the field along with a wide variety of prevention, diagnostic, and intervention presentations. A special thanks goes out to the Director of the National Center on Shaken Baby Syndrome, Marilyn Sandberg, and her outstanding staff who work tirelessly day after day on behalf of the victims from yesterday, today and tomorrow. I hope that Salt Lake City, the home of the glorious 2002 Winter Olympics, will allow each of you to take home "gold medals" of knowledge, collegiality, and friendship which have, year after year, been the hallmark of this conference. To every delegate, I extend my best wishes for a productive and enjoyable stay at this most important event.

Alex V. Levin, M.D., MHSc, FRCSC  
Chair, International Advisory Board  
National Center for Shaken Baby Syndrome  
Associate Professor  
Departments of Pediatrics and Ophthalmology  
University of Toronto

### Who should attend?

- Physicians and nurses especially those working in emergency care, pediatrics, trauma and rehabilitation.
- Ophthalmologists, radiologists, pathologists and neurologists
- Prosecutors, defense attorneys and judges
- Law enforcement and Child Protective Service investigators
- Child abuse prevention specialists
- Public health professionals
- others interested in the prevention, diagnosis, treatment, investigation, prosecution or rehabilitation of victims of shaken baby syndrome

# Conference

Shaken baby syndrome is a global threat to our children – and the numbers are increasing. Since the syndrome's diagnosis in the early 1970s, medical research has provided valuable insight into the dynamics and validity of these injuries. This conference will educate participants on exciting new research taking place in the field, the unique challenges investigators and prosecutors are now facing, what others are doing in their community to educate and prevent SBS, what victims families are living with and much more. By attending the conference you will obtain valuable information to share with your communities. Collectively, we can eliminate shaken baby syndrome through education, awareness, prevention and justice.

## Planning Committee

Marilyn Sandberg, Conference Director, The National Center on Shaken Baby Syndrome, Utah

Teresa Brechlin, Conference Coordinator, The National Center on Shaken Baby Syndrome, Utah

### International Advisory Board of Director's

Chairman -Alex Levin, MD, The Hospital for Sick Children, Toronto, Canada

Randell Alexander, MD, Morehouse School of Medicine, Georgia

Robert Reece, MD, Massachusetts Society for the Prevention of Cruelty to Children, Massachusetts

DCI Phillip Wheeler, Her Majesty's Inspectorate of Constabulary, Cambridge, United Kingdom

Bonnie Armstrong, The Shaken Baby Alliance, Texas

Robert Kirschner, MD, University of Chicago, Chicago

Michael Vendola, Wisconsin Dept. of Justice, Wisconsin

Ronald G. Barr, MD, McGill University Child Development Programme, Montreal Children's Hospital, Montreal, Canada

David Chadwick, MD, Children Hospital of San Diego, California

### Committee Member's at Large

Carole Jenny, MD, Hasbro Children's Hospital, Rhode Island

Elizabeth Gilles, MD, University of Minnesota, Minnesota

Dyanne Greer, JD, U.S. Attorney's Office, Arizona

Kathy and Mark Dittman, The Shaken Baby Alliance, Texas

Jonell Murray, MS, Primary Children's Medical Center, Utah

Joy Khader, RN, Primary Children's Medical Center, UT

Marilyn Johnson, RN, Primary Children's Medical Center, UT

## Conference Sponsor

The Fourth National Conference is sponsored by The National Center on Shaken Baby Syndrome.

## Conference Supporters

The Fourth National Conference on Shaken Baby Syndrome would not be possible without the generous donations from our supporters. If you would like to support this conference contact Teresa Brechlin at (801)627-3399

American Academy of Pediatrics

American Prosecutor's Research Institute-National Center on the Prosecution of Child Abuse

Prevent Child Abuse America

Intermountain Health Care

Primary Children's Medical Center

Utah Department of Health

Child Abuse Prevention Center of Utah

National Exchange Club

### AMA Credit

Primary Children's Medical Center designates this educational activity for a maximum of 15.0 hours in category 1 towards the AMA Physician Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

### Accreditation

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education, through the joint sponsorship of Primary Children's Medical Center, the Department of Pediatrics at the University of Utah School of Medicine, and the National Center on Shaken Baby Syndrome. Primary Children's Medical Center is accredited by the ACCME to provide continuing medical education for physicians.

# At A Glance

## THURSDAY

Registration  
8:00am-6:00pm

Prevention Institute  
10:00am-3:00pm

Institute Lunch Break  
12:00pm - 1:00pm

Military Institute  
3:00pm-5:30pm

Family Reception  
4:00pm-5:30pm

Opening Keynote  
6:00pm-8:00pm

Welcome Reception  
8:00pm-10:00pm

## FRIDAY

Registration  
6:30am-8:00am

Continental Breakfast  
7:30am-8:00am

General Session  
8:00am-9:30am

Break and Exhibits  
9:30am-10:00am

Workshops  
10:00am-11:00pm

Workshops  
11:15am-12:15am

Lunch (on your own)  
12:15pm-1:30pm

Workshops  
1:30pm-3:00pm

Break and Exhibits  
3:00pm-3:30pm

Workshops  
3:30pm-5:00pm

Social Event  
7:00pm

## SATURDAY

Registration  
6:30am-8:00am

Continental Breakfast  
7:30am-8:00am

General Session  
8:00am-9:30am

Break and Exhibits  
9:30am-10:00am

Workshops  
10:00am-11:00pm

Workshops  
11:15am-12:15am

Lunch (on your own)  
12:15pm-1:30pm

Workshops  
1:30pm-3:00pm

Break and Exhibits  
3:00pm-3:30pm

Workshops  
3:30pm-5:00pm

## SUNDAY

Institute Registration  
9:00am-10:00am

Medical/Legal Institute  
10:00am-12:00pm

Lunch Break  
12:00pm-1:00pm

Institute cont'd  
1:00pm-4:00pm

### Questions ??

Visit our website at [www.dontshake.com](http://www.dontshake.com) or phone  
The National Center on  
Shaken Baby Syndrome  
at 1-801-627-3399



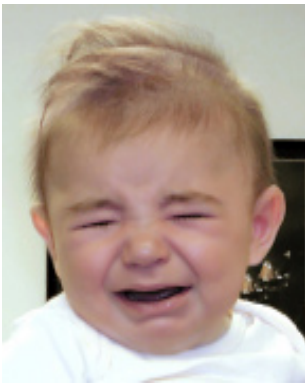
## Prevention Institute

10:00am - 3:00pm Thursday September 12, 2002

### Understanding Infant Crying to Prevent Shaken Babies

Inconsolable crying is the number one reason a baby is shaken. This Institute will provide a view into what parents experience when dealing with a difficult, inconsolable, crying baby and the stress and discouragements that results. It will explore the medical research about infant crying patterns and explain what is normal and expected and dispel myths about crying. The last part of the presentation will unveil a new campaign on education about infant crying which has been based on research and will provide materials and education which can be used to help frustrated parents understand and better deal with their infant's crying.

Karen Coleman, Program Specialist for the National Center on SBS and mother of Jack, a baby who cried for several months, many hours a day. Karen will describe her experiences with her baby son who had incessant crying and even though she was a conscientious, mature and educated mother, who had a well established support system, she often felt herself so frustrated she came to understand how parents can lose control and hurt their babies.



Jack Coleman

Ronald G. Barr, MDCM, an internationally recognized behavioral pediatrician, who has published numerous studies on crying and infant pain, will discuss the crying behavior of normally developing infants, particularly in the first few months of life, which is uniformly frustrating to care givers.

Marilyn Sandberg, Executive Director, National Center on SBS will present the National Center's Victim Data Base showing the number of cases where crying was the trigger and demonstrates how common this is. Actual quotes from perpetrators will also be given to further demonstrate the connection between the crying and the offense.

The panel will then unveil a new program and campaign that provides participants with methods, materials and a description of how to implement the program in their local communities. This program educates parents and professionals about crying and offers support for parents before they get so frustrated they hurt their baby.

#### Agenda

9am-10am Registration

10am-10:30am A Parent's Experience: Coping with a Crying Infant-Karen Coleman

10:30am -12:00am The Period of Purple Crying-Ron Barr, MD

12:00pm -1:00 pm Lunch

1:00 pm -2:00pm NCSBS Victim Database- Marilyn Sandberg, Ron Barr, MD

2:00pm -3:00pm Conducting a National, Educational Crying Campaign-Ron Barr, MD, Marilyn Sandberg, Karen Coleman

"I feel like a light just turned on! Wow! This information was invaluable for our prevention programs. I have a completely new understanding of crying that I can now pass on to the parents I come in contact with.  
Social worker, June 2002

# Thursday

## Family Reception

4:00pm - 5:30pm Thursday September 12, 2002

The injury or death of a child due to shaking is one of the most devastating events no family should have to face. Friends and relatives of shaken baby victims experience an incredible amount of grief that does not soon dissipate. One of the most important things families can do to begin the healing process is to connect with others who have had similar tragedies in their lives. We invite you to attend a pre-conference gathering of SBS victim family members and professionals in honor of their special children. This is an opportunity to network, share your story, develop friendships and lend your support to others in need. A discussion will be held to highlight the conference workshops and during the last 15 minutes, a candlelight tribute will be held for our Shaken Angels. Please join us in honoring our children and devel-

## Opening Address

6:00pm - 8:00pm Thursday September 12, 2002



**On the Theory and Practice of Shaking Infants: Where Have we Come in the Thirty Years Since Shaken Baby Syndrome was First Identified?**

**Carole Jenny, MD, MBA:** Dr. Jenny is a professor of Pediatrics at Brown University School of Medicine. She graduated from University of Missouri, Dartmouth Medical School and the University of Washington School of Medicine. She did her pediatric residency at the University of Colorado Affiliated Hospitals and at Children's Hospital of Philadelphia. She was a Robert Wood Johnson Clinical Scholar at the University of Pennsylvania, and received an MBA in Health Care from the Wharton School. Before coming to Providence, she has served on the faculties of the University of Washington and the University of Colorado. She directs the Child Protection Program at Hasbro Children's Hospital, Providence, Rhode Island. Dr. Jenny is past-Chair of the Section on Child Abuse and Neglect of the American Academy of Pediatrics, and she is currently a member of the AAP's Committee on Child Abuse and Neglect.

## Opening Reception

8:00 pm - 10:00 pm Thursday September 12, 2002

Don't miss the kickoff for this year's National Conference! The opening reception will begin at 8 PM in the ballroom foyer, following Dr. Carol Jenny's keynote address, and proceed until 10 PM. Take this opportunity to network with presenters, colleagues and all outstanding members in the field of child abuse. Participants will enjoy free hors d'oeuvres and refreshments as a string quartet plays in the background. A cash bar will also be available.



# Friday

## September 13, 2002

### 8:00am - 9:30am General Session

**Anatomy of a Shaken Baby Syndrome Murder Case: The Prosecution of an Australian Nanny in England** On April 17<sup>th</sup> 1999 an Australian Nanny working for a couple in North West London shook their baby to death. After an investigation which lasted a year and spanned three continents, she appeared at the Old Bailey in February 1999.

The investigation proved to be a landmark case, apart from being one of three cases investigated by the same child protection team in one day. Louise Sullivan pled guilty to involuntary manslaughter and was sentenced to 15 months imprisonment, suspended for two years.

As a result of the death of baby Caroline Jongen new standards have been set in training and preparation of SBS cases throughout the United Kingdom. Police are achieving convictions in case after case as a result of the presentation and investigation lessons learned from this case.

This presentation will tell the story of how the many defense ploys were blocked and how a multi disciplinary team of experts was formed to defeat a very determined and aggressive defense team.

DCI Philip Wheeler, the officer in charge of the police team, Michael Green, MD, one of the pathologists, Richard Whittam, the barrister prosecuting the case and Matthew Kehoe, the New South Wales Police officer who made investigations in Australia will present this landmark case for participants.

### 10:00am - 11:00am Workshop Breakout Session 1

**Legal Thwarting Dubious Medical Defenses in Shaken Baby Litigation with a Thorough Investigation** Shaken baby syndrome is a well-established clinical diagnosis. However, those accused of shaking a baby consistently employ dubious medical theories as a defense to shaken baby syndrome. By exposing the failings of these theories the prosecutor can be successful in preventing application at trial. Laura Rogers JD (VA)

**Family Impact Shaken Baby Syndrome in the Long Run** Two mothers of SBS victims will share the challenges and trials of raising a shaken baby syndrome survivor and the impact on the family unit. Amy Flick-Lyons (IN) Canase Beveridge (CO)

**Investigation Shaken Baby Syndrome - A Police Investigator's Perspective** This presentation will focus on the law enforcement investigation of shaken baby syndrome including interviewing, gathering evidence, scene examination and working with medical and legal experts. Craig Smith Retired Royal Canadian Mounted Police Officer (Alberta, Canada)

**Investigation In Memory of Mallorie- Law Enforcement Response to a Case of Shaken Baby Syndrome** Presentation on a case study of a non-fatal shaken baby case that had a successful prosecution. Justice for Mallorie was obtained because of teamwork between law enforcement, Child Protective Services, the medical community, and the judicial system. John Boles (TX)

**Prevention A Comprehensive SBS Prevention-Education Project** A successful, pilot prevention program in Oklahoma that targeted professionals, working adults, and high school students is highlighted. Donna Jones (OK)

**Medical Review of the Medical Literature** Dr. Reece Presenter will identify and critique articles in the medical literature on abusive head trauma. Robert Reece MD (MA)

**Research Analysis of Perpetrator Admissions to Inflicted Traumatic Brain Injury** Results of a research study in which confessions from perpetrators of shaken baby syndrome were collected and analyzed. Suzanne Starling MD (VA) Andrew Sirotnak, MD (CO)

**Legal An Introduction to Shaken Baby Syndrome** To be effective in prosecuting abusive head trauma, it is important for prosecutors and defense attorneys to have a clear understanding of the dynamics involved in this injury. In this workshop, basic information on the medical aspects of shaken baby syndrome will be presented for those legal professionals. Timothy Kutz MD (MO)

**Other An International Perspective on Shaken Baby Syndrome** Shaken baby syndrome is a global problem. Hear how some other countries are handling the issue. Philip Wheeler DCI (UK) Kieran Moran MD (Australia) Marcellina Mian MD (Canada) Karen Barlow MD (Scotland)

### 11:15am - 12:15pm Workshop Breakout Session 2

**Research Serious Head Injuries Rarely Occur in Large Day Care Centers** Over 12 years now, the large day care centers with multiple caretakers in San Diego County have not generated a single life-threatening head injury. This study makes two important points: 1) There is safety in numbers in the care of infants and toddlers, and we should encourage systems of care that provide numbers of caretakers. 2) Since short falls abound in these settings, short falls do not appear to generate serious head injury. David Chadwick MD (CA)

**Medical Serum neuron-specific enolase and S100B concentrations are increased after inflicted traumatic brain injury in children.** The first study to specifically consider whether markers of cell death following severe head trauma in children may be different in inflicted trauma than in noninflicted trauma, and whether the timing of peak accumulation of these substances may tell us something about the timing of the head injury. The study also helps us understand that the progress of head injuries in young children is different than in adults. The results may assist in providing therapy to severely head-injured children to minimize delayed neuronal cell death. Rachel Berger (PA)



## 11:15am - 12:15pm Breakout Session 2 Continued

### **Family Impact Corey's Story: The Medical and Personal Challenge**

Dr. Stinnett is the legal guardian and caregiver for her nephew, Corey, who was shaken when he was five weeks old and suffered a traumatic brain injury. Her presentation will include information on Corey's medical and caregiving needs, the amount of time and degree of knowledge required, and the stress of caring for a child who is medically fragile. Since she is a relative who has gained custody, she will also address the legal process involved in becoming a kinship caregiver and the difficulty of maintaining family relationships when parental rights are terminated. Carolyn E Stinnett PhD (TN)

**Medical Questions that make the difference in Forensic Pediatric Interviews** This presentation will examine the responsibility, role and behaviors of pediatric first responders in their functions of conducting medical interviews and examinations of child abuse, injury and infant death. James Canavan MD Stefan Perkowski MSW Lt. David Mann (NY)

**Prevention The Central Massachusetts Comprehensive Countywide SBS Prevention Campaign** This workshop will describe the Central Massachusetts SBS Prevention Campaign, a comprehensive, multi-year initiative supported and initiated through a multidisciplinary coalition involving concerned citizens and state and private sector professionals in health care, law enforcement, social services, and public health. Jetta Bernier MA (MA)

**Legal Presenting Effective Expert Testimony in Shaken Baby Cases – It's More than "Just the Facts"** The expert witness plays a critical role in the trial of every SBS case. The presenter will discuss strategies through which expert witnesses can effectively translate complex medical data into information that medically uninformed jurors and judges can understand. Brian Holmgren JD (TN)

**Prevention Canadian Strategy on Shaken Baby Syndrome** The primary goal of the National Strategy on Shaken Baby Syndrome is prevention. The National Strategy has three components: a joint statement released by Health Canada and co-signatories; multi-disciplinary guidelines for the identification, investigation and management of shaken baby syndrome, developed by professionals experienced in child abuse protocols; and a national network for professionals. Noreen Agrey B.A., B.Ed. Linda Anderson MSW Rosemary Sloan (Canada)

**Other An International Perspective on Shaken Baby Syndrome II** This is part II of a workshop presented at 10:00 am. Please see page 9 for workshop description. Philip Wheeler DCI (England) Marcellina Mian (Canada), Kieran Moran (Australia), Karen Barlow



## 1:30pm - 3:00pm Workshop Breakout Session 3

### **Family Impact A SBS Survivor's Story...The Trauma Continues**

This workshop will provide Nurses, Social Workers and those who case manage, the opportunity to hear from a family member whose child survived a severe shaking. Participants will be provided with a sample Nursing Care Plan that could potentially become a standard of practice for SBS survivors. Beverly Byron RN/MSN (Maryland) Cathy Sanders ()

**Research Shaken Baby Prevention: The Upstate New York SBS Educational Project** In 1998 a coordinated, widespread program, involving all hospitals providing maternity care in an eight county region began. It provided SBS information to all new parents (both mothers and especially fathers) before leaving the hospital. Mark Dias MD (PA)

### **Investigation Effective Interviewing of Medical Personnel**

The presenter will provide investigators and prosecutors with a basic working knowledge of medical terminology, lab tests and procedures, as well as what they may mean. They will also be provided with questions to ask specific medical personnel (e.g., first responders, pediatricians, ER doctors and medical examiners) Dyanne Greer JD and Kathryn Coffman MD (AZ)

**Medical The Biomechanics of Abusive Head Trauma** This seminar will review fundamental biomechanical basic science information relative to traumatic brain injury, present a clinical paradigm for analysing the nature of injuries seen in abusive head trauma and overview current research in animal models, computer modeling and histochemical responses to trauma. Betty Spivack MD (KY)

**Medical Recent Research on Retinal Hemorrhages: What Are We Learning?** Data will be presented regarding relationships between laterality of retinal hemorrhages and laterality of intracranial injury as well as the presence and severity of retinal hemorrhages and specific types of brain injury. Alex Levin MD (Ontario, Canada)

**Medical Intracranial Bleeding and Rebleeding** The Presenters will present two cases of indoor, witnessed, accidental, pediatric, closed head trauma that resulted in intracranial rebleeding with clinical deterioration. A summary of the relevant medical literature regarding pediatric intracranial bleeding and rebleeding will also be presented. Kent Hymel MD (VA)

**Legal Jury Persuasion in SBS Cases** The presentation will look at empirical research on juror attitudes in child abuse cases which may provide insight on difficulties in persuading jurors in shaken baby cases. Tools to select the best possible jury will be presented. Paul Der O'Hannessian (NY)

**Research Implementation of Parent Education Program in Hospitals to Prevent Shaken Baby Syndrome** Presenters will outline a hospital-based education program that is administered post-partum by trained nursing personnel to new parents before leaving the hospital

**3:30pm - 5:00pm Workshop Breakout Session 4**

**Prevention The Power of Community: Implementing Programs to Prevent Shaken Baby Syndrome** This session will describe some of the programs the National Center on Shaken Baby Syndrome has implemented and will provide participants with ways to involve their own communities. The programs covered include Dads 101 (fathers, military, prison inmates), A Guide for Child Care Providers, Investigating SBS: A training Program for Law Enforcement and Child Protective Services, and the school-based program (jr. high and high school students). Marilyn Sandberg, Adam Salazar, Emily Fisher, Karen Coleman, Jeni Holladay (UT)

**Investigation Investigative aspects of Shaken Baby Syndrome** This presentation will include discussion and tools on scene investigation, interviewing, UV photography as a tool and other elements of police investigation. Detective Carl Coats (TX)

**Legal Meeting Untrue Defenses in Shaken Baby Cases** Every shaken baby case has a defense, ranging from low falls to genetic diseases and other medical conditions. This workshop will deal with the identification of those defenses, how to structure the investigation to meet and refute those untrue defenses, and how to effectively handle the untrue defense in front of a jury. Mary-Ann Burkhart J.D. (VA)

**Medical New Directions in Early Life Traumatic Brain Injury**  
1) Data are presented from a prospective study of moderate to severe traumatic brain injury in children <6 years of age. These data are put in context with a growing body of knowledge defining age-related differences in pathophysiology. 2) Data are accumulating about acute clinical features that may predict outcome, and outpatient interventions that are most likely to optimize neurodevelopmental function. These data will be reviewed recommendations for interventions presented. Elizabeth Gilles MD (MN)

**Other Medical Analysis and Perpetrator Confession in a Shaken Baby Case** This workshop will consist of a description of the medical, psychosocial and legal issues in a particular shaken baby case in Maine. The perpetrator was convicted at trial and will also be available to answer questions about what happened. Lawrence Ricci MD (Maine) Paul Bennett

**Other Looking Back: SBS Cases from the Past** This presentation will focus on 2 cases of Shaken Baby Syndrome that were misdiagnosed in 1977 and 1968 respectively. The presenter will describe how both cases were discovered from a review of the medical articles written about them, and how the cases were presented for consideration to county

prosecutors in 2001. James Peinkofer ACSW/LCSW (IN)

**Prevention Strategies for Shaken Baby Syndrome Prevention** Prevention programs need to encompass a scientific research and evaluation model. The presenter will discuss how to accomplish this and how to effect change from a theoretical point of view. Randall Alexander MD (GA)

**Medical Biomechanical Aspects of Abusive Head Injuries and the Basis of Traumatic Unconsciousness in these Children** This presentation will discuss the biomechanics of blunt head trauma from inertial loading and demonstrate the similarity of the pathological findings in primate models of traumatic unconsciousness to the

**5:00pm Conference Adjourns****Join us for the Social Event!**

Don't miss out on this great opportunity to network and socialize with conference participants, colleagues and child abuse experts at the beautiful Gallivan Center in the heart of Salt Lake City on Friday September 13, 2002 from 7:00 pm until 10:30pm.

We will begin with a delicious set and seated dinner. After dinner, kick back with a beer or glass of wine and enjoy some great conversation or kick up your heels and boogie the night away to the rockin' sounds of the 'Distant Thunder Band'.

The Gallivan Center is one of those important downtown spots that keeps Salt Lake's cultural heart beating strong. It is located in the heart of the city and is blanketed by downtown's city lights. Trees, grass, cement and sculptures dot the park in a well-organized, comfortable layout. The Gallivan Center is located just blocks from the conference hotel and well within walking distance. Trax, Utah's public transportation light-rail is also a great way to get there.

The cost of this event is \$50 although alcohol will have to be purchased separately. Come and experience all that downtown has to offer while meeting some great people in the process.

The Gallivan Center is an outdoor facility we advise you to dress in layers as September evenings can be cool in Utah. Dress is casual.



Gallivan Center

## Saturday, September 12

8:00am - 9:30am General Session

**Victims of Shaken Baby Syndrome: A Relative Perspective** Family members of SBS victims will share the circumstances surrounding the shaking of their children. They will describe the effects of abusive head trauma on their families and speak to the systems response. This highly evaluated feature of the Conference should not be missed.

“Always beneficial for professionals to see and hear what families are going through no matter what type of abuse has occurred. Brings better insight into how they do their jobs and what they could change.”

9:30am - 10:00am Morning Break

10:00am - 11:00am Workshop Breakout Session 5

**Research A Diagnostic Paradigm for Subdural Hematomas and Effusions in Infants** A diagnostic protocol that leads the practitioner through the work-up of subdural collections using a Bayesian tree will be presented. The diagnostic schema will also be presented, and hopefully modified, after input from the audience. Carole Jenny MD (RI) Kent Hymel MD (VA) Robert Block ()

**Research What to do When Someone Sees an Infant Being Shaken?** As the perils of shaken baby syndrome have become more widely known, the medical community is occasionally asked what to do when someone observes an infant being shaken. The tendency is to refer them to a hospital emergency room or report to child protection or the police. But do we know the next step? Should every infant be assessed by head CT, retinal exam by an ophthalmologist, and/or skeletal survey? Results of a study of 28 infants who were observed to have been shaken will be presented and recommendations made on which tests should be administered. Julie Pape () Carolyn Levitt ()

**Medical The Role of MRS (Magnetic Resonance Imaging) in the Evaluation of Closed Head Trauma** The advantages of using Magnetic Resonance Spectroscopy in diagnosing abusive head trauma will be presented. Clare Sheridan ()

**Medical Perimacular Retinal Folds in Non-abusive Head Trauma** The results of a study on perimacular retinal folds is presented. This study was prompted when it was reported that a 14-month-old child sustained a severe acute intracranial injury when a televi-

sion toppled onto him. Patrick Lantz M.D. (NC) 66

**Family Impact Shaken Baby Syndrome 101: Medical Evaluation of the Child with Shaken Baby Syndrome** Participants will understand the signs and symptoms of shaken-baby syndrome; which medical conditions may mimic some features of the syndrome and the complications and outcomes of victims of this form of child physical abuse. M. Raneer Leder (OH)

**Research Maximum Shaking of Infant Models by Healthy Adult and Child Volunteers: A biomechanical study** The results of a study in which the shaking of infant models by adult and child volunteers were measured. Maximum shaking in both a horizontal and vertical plane was undertaken with dolls and dead weights of 5, 7 and 10kg. Caroline Millar RN (Scotland) R.A. Minns MD (Scotland)

**Prevention Kids Preventing Child Abuse** After an eleven year old shook and severely injured an infant in Oregon a child abuse prevention program was designed to give other young babysitters alternatives to abusing infants. Leila Keltner MD, Arlene Ritzen MD and Officer Lori Smith (OR)

**Investigation Specialized Interview Techniques of Prime Witnesses in Child Trauma/Fatality Incidents** Interviewing witnesses in child abuse cases can have unique challenges. The presenter will provide techniques that investigators can use in order to obtain the most accurate information. Michael Vendola (WI)

11:15am - 12:15pm Workshop Breakout Session 6

**Other Thrice Lost: The heartbreaking Case of Baby L Part I** In light of several unanticipated case acquittals, this is a special reconnaissance presentation unique to the National Conference on Shaken Baby Syndrome. Following the medical vignette and autopsy results, the prosecutor and the alternate public defender will summarize their respective cases. The foreman of the jury will then recount the points that ultimately led the second jury to a "not guilty" verdict in this case. The panel, and the audience, will be professionally mediated to facilitate active listening and caring interaction. Kathleen Dully MD, David Chadwick MD, Robert Madruga JD, Jean Brandl JD, Larry Willette, (CA) Jon Conte



Participants listen to panel presentation

MD, moderator (OR)

**Other Victims of Abusive Head Trauma as Organ and Tissue Donors: Turning Tears of Tragedy into Miracles of Life** As deaths from child abuse continue to rise, so do deaths of infants and children who are awaiting organ and tissue donation. Thomas A. Nakagawa MD, FAAP (VA)

**Legal Using Power Point To Effectively Present Medical Evidence** This presentation will illustrate how prosecutors can powerfully depict the true nature of the violence perpetrated against children in Shaken-Impact scenarios. Mike Savage JD (CA)

**Prevention Making Prevention a Priority** This workshop presentation is designed to share the ideas, accomplishments and community partnering strategies that make up the Rhode Island Shaken Baby Syndrome Prevention Campaign. Katherine Begin and Linda Greenhalgh (RI)

**Prevention Connecting Fathers, Families and Communities to Protect Children** In 2001 an SBS fatherhood initiative to increase the nurturing and bonding of fathers and their children via parent education prenatally to 2 years old was established. A key component is the inclusion of SBS prevention in the curriculum. The process for development and implementation of this initiative will be presented. Carol Jenkins MEd (WA) 53

**Research The Period of Purple Crying: Understanding the Crying Pattern and how it Relates to SBS** Perpetrator accounts of the events leading up to episodes of shaken baby syndrome and abuse implicate crying as the most common precipitating incident stimulus. Characteristics of crying and some of the new research concerning their origins will be described, and the implications of these features for clinical approaches to the prevention of shaken baby

### 1:30pm - 3:00pm Workshop Breakout Session 7

**Prevention Update on Nebraska's Effort to Prevent Shaken Baby Syndrome** This presenter will provide participants with an update of preventive, supportive and funding efforts that have been underway to teach Nebraska residents the dangers of shaking infants since 1994. Mary Vondra RN, MS, FHCE (NE)

**Medical Abusive Head Trauma in Children: Shaken Baby Syndrome 101 for Prosecutors, Investigators, and Medical Personnel** Abusive head trauma continues to be a major cause of injury related deaths in children. This workshop is intended for investigators, prosecutors, and medical personnel who require a general understanding of shaken baby syndrome. Thomas A. Nakagawa MD, FAAP (VA)

**Medical Challenging the Short Fall Defense** Betty Spivack (KY)  
Brian Holmgren JD (TN)

**Medical Can the DTP Immunization cause symptoms that mimic Abusive Head Trauma?** The unproven theory of a causal relationship between DTP vaccine and shaken baby syndrome will be explored. Robert Reece MD (MA)

**Medical Working Toward Consensus on Prospective Research Data** In this workshop, we will review past, published algorithms for differentiating between accidental and inflicted pediatric head trauma. Our goal will be to identify common strengths and potential inadequacies. Thereafter, we will propose and then critique (through interactive discussion) an "ideal" prospective, research algorithm for potential future use. Kent Hymel MD (VA)

**Medical The ABC's of Nonaccidental Head Injury in Infants** This session will serve as an overview of nonaccidental pediatric head trauma including both shaking and impact injuries. It will be presented in a forum suitable for both medical and non-medical personnel. Edward Conway Jr MD MD, MS, FAAP, FCCM (NY)

**Prevention Growing Your Own Shaken Baby Syndrome Prevention Campaign** Many family members of SBS victims want to channel their anger and grief into something positive, but do not know where or how to get started. This presentation will discuss how to launch a localized campaign, choose education materials, overcome budget concerns, collaborate with existing agencies in the community, and evaluate the effectiveness of the program. Armed with information and dedication, families are among the strongest fighters in the battle against Shaken Baby Syndrome. Kristen Nolen (IL)

**Medical The Calming Reflex: A New Framework for Understanding Crying** An important antecedent to SBS is often a parent's frustration due to an inability to calm their baby's crying. However, dur-



Participants of the 2000 Conference

ing the first few months of life, many irritable infants can be easily calmed if a parent is taught how to activate their baby's calming reflex. Harvey Karp MD (CA)

**Legal Debunking Misleading and Unconventional Shaken Baby Medical Studies in Court-A Layperson's Perspective** Often, studies presented in court by defense attorneys serve only to misinform the jury. The purpose of this workshop is to highlight the difficulties of dealing with misleading or unconventional medical studies in court. Laura Rogers (VA)

**Other Thrice Lost: The Heartbreaking Case of Baby L Part II** In light of several unanticipated case acquittals, this is a special reconnaissance presentation unique to the National Conference on Shaken Baby Syndrome. Following the medical vignette and autopsy results, the prosecutor and the alternate public defender will summarize their respective cases. The foreman of the jury will then recount the points that ultimately led the second jury to a "not guilty" verdict in this case. The panel, and the audience, will be professionally mediated to facilitate active listening and caring interaction. Kathleen Dully MD, David Chadwick MD, Robert Madruga JD, Jean Brandl JD, Larry Willette, (CA) Jon Conte MD (OR)

### 3:30pm - 5:00pm Workshop Breakout Session 8

**Medical Point/Counterpoint Is Impact Involved in Every Case of Abusive Head Trauma in Children or Are There Injuries Unique to the Mechanism of Shaking?** Elizabeth Gilles MD (MN)

**Legal Investigation and Prosecution of Shaken Baby Cases** It is sometimes challenging to even the most seasoned child abuse professional to present a case of shaken baby syndrome to a jury. This workshop will focus on conducting a thorough investigation and delivering a solid case to the jury in ways they can understand, through the use of expert testimony and audio-visual aids. Mary-Ann Burkhart J.D. (VA)

**Other Psychological Parenting Assessments in cases of Shaken Baby Syndrome** Mental Health professionals are increasingly being called upon to evaluate the psychological functioning and parenting capabilities of parents involved in cases where a child has been shaken. The workshop will focus on the use of numerous case examples to illustrate the importance of personality/temperamental variables in regards to these psychological/parenting assessments. Sally During PhD. CPsych(AB) (Alberta)

**Prevention Shaken Baby Syndrome Public Awareness Campaign: A State Model** This workshop will showcase a multi-faceted statewide Shaken Baby Syndrome Public awareness Campaign model. It includes an effective "train-the-trainer" workshop approach for assisting professionals and volunteers to achieve the skills needed to become comfortable conducting community presentations to Mary Salisbury B.S.(IL)

**Medical Challenging the Short Fall Defense Part II** Betty Spivack (KY) Brian Holmgren JD (TN)

5:00pm Conference Adjourns



LDS Temple in Salt Lake City

## Sunday, September 15, 2002

### Shaken Baby Syndrome in Court: Facing Challenges From “The Other Side”

The prosecution or defense of a Shaken Baby case presents unique challenges, particularly for those not familiar with the legal system. Witnesses may be subjected to lines of questioning that seemed specifically designed to undermine their testimony. Even when armed with the most up to date scientific understanding, attorneys may attempt to raise either valid objection or distortions of the presented facts in an attempt to sway the judge and jurors to their side. This one-day Institute will focus on developing an understanding of the court room process with special attention to common strategies used by prosecuting and defense attorneys in the examination of witnesses. State of the art science will be presented to address frequently used theories alleged as valid challenges to a diagnosis of Shaken Baby syndrome including, short falls, rebleeding subdural hemorrhage, vaccinations, and shaking to resuscitate. The audience will have the opportunity to ask an expert panel for advice on handling difficult situations that have arisen in their own experience with prosecution or defense of Shaken Baby syndrome cases. The panel will also address possible systemic interventions that could potentially improve the legal system's ap-

Randy Alexander, MD, Randell Alexander MD PhD. is an academic pediatrician He is frequently called upon to testify around the country on serious and fatal child abuse cases. Currently he is an Associate Professor of Pediatrics and serves as Director of the Center for Child Abuse at the Morehouse School of Medicine in Atlanta.

Alex Levin, MD, Alex V. Levin, M.D., MHSc., FAAP, FFAO, FRCSC. is a staff ophthalmologist and Associate Professor in the Departments of Pediatrics, Ophthalmology and Genetics at the University of Toronto. He maintains an active clinical and research interest in the ocular manifestations of child abuse. Dr. Levin is the current Chair of the

International Advisory Board of the National Center for Shaken Baby Syndrome.

Brian Holmgren, JD has been the Assistant District Attorney in Kenosha WI for 10 years. He was the Senior Attorney for APRI's National Center for Prosecution of Child Abuse for 4 years and the Assistant District Attorney General in Nashville for 2 1/2 years, assigned to the child abuse unit. Brian is an acting Board member for APSAC.

David Chadwick, Dr. Chadwick is the Director, Emeritus of the Chadwick Center for Children and Families at the Children's Hospital in San Diego, having retired from that position on Jan. 1, 1997. He is now self-employed as a consultant in the field of child protection health care. His recent clients include prosecutors and other attorneys seeking expert consultation about individual cases especially those involving physical abuse, or on issues involving child abuse reporting. He is a frequent expert witness in litigated cases involving physical abuse.

Robert Reece, MD, is clinical Professor of Pediatrics at Tufts University School of Medicine and Director of the Institute for Professional Education at the Massachusetts Society for the Prevention of Cruelty to Children, Boston, MA. Dr. Reece has worked as a clinician, teacher and researcher in child maltreatment since the early 1970's. He is the editor of the book *Child Abuse: Medical Diagnosis and Management* (1994, Lea and Febiger, Malvern, PA.) And of *The Quarterly Child Abuse*

#### Agenda

9am-10am Registration

10am-11:15am Introduction - “Answer the Question Doctor!!”: Common Strategies Used by Attorneys in Court

Brian Holmgren, JD, Alex Levin, MD, Randy Alexander, MD

11:15am -12:00am The Rebled Story

Brian Holmgren, JD, Randy Alexander, MD, David Chadwick, MD

12:00pm -1:00 pm Lunch

1:00 pm -1:45pm The Short Fall Death Story

Randy Alexander, MD and David Chadwick, MD

1:45pm -2:30pm The Vaccination Story and other tales...

Randy Alexander, MD, Alex Levin, MD and Robert Reece, MD

2:30pm -2:45pm Break

2:45pm - 3:30pm Audience Challenge: “You Won't Believe What Happened to Me in Court”

Randy Alexander, MD, Alex Levin, MD, Brian holmgren, JD,

3:30pm - 4:00pm What Can we do?: Strategies for Change

Randy Alexander, MD, Alex Levin, MD, Brian Holmgren, JD

Agrey, Noreen B.A., B.Ed., Health Educator, Saskatchewan Institute on Prevention of Handicaps, Saskatchewan  
Alexander, Randell MD, Morehouse School of Medicine, GA  
Anderson, Linda MSW, Coordinator, Child Abuse Service, Alberta Children's Hospital, Alberta  
Armstrong, Bonnie, The Shaken Baby Alliance, TX  
Barr, Ron MDCM, FRCPC, McGill University Child Development Programme, QC  
Begin, Katherine, Executive Director, Prevent Child Abuse Rhode Island, RI  
Bennett, Paul  
Berger, Rachel, MD, Pittsburgh Child Advocacy Center Childrens Hospital of Pittsburgh, PA  
Bernier, Jetta MA, Executive Director, Massachusetts Citizens for Children, MA  
Block, Robert MD  
Boles, John Beaumont Police Department, Texas  
Brandl, Jean  
Burkhart, Mary-Ann J.D., Senior Attorney, National Center for Prosecution of Child Abuse, VA  
Byron, Beverly RN/MSN, Nurse Educator/Program Manager, Health and Human Services, Montgomery County, Maryland  
Canavan, James MD, Associate Clinical Professor, Child Advocacy Center of Child and Adolescent Trauma, NY  
Case, Mary, MD, St. Louis University Health Sciences Center, MO  
Cecil, Kim PhD, Imaging Research Center, Cincinnati Children's Hospital, OH  
Chadwick, David MD, Children Hospital - San Diego, CA  
Coats, Carl Det, Grapevine Police Department, TX  
Coffman, Kathryn, Director of the Child Abuse Assessment Center, St. Joseph's Hospital, AZ  
Conway Jr MD, Edward MD, Chairman Department of Pediatrics Institute of Neurology and Neurosurgery, Beth Israel, NY  
Cornell, Karen, Neurocognitive Diagnostic Supervisor, Adair County Health Department, OK  
Der O'Hanessian, Paul, NY  
Dias, Mark MD, Associate Professor of Pediatric Neurosurgery, Penn State University College of Medicine, PA  
Dittman, Mark, The Shaken Baby Alliance, TX  
Dittman, Kathy, The Shaken Baby Alliance, TX  
During, Sally PhD, CPsych(AB), Psychologist, Child Abuse Service, Alberta Children's Hospital, Alberta  
Flick-Lyons, Amy, IN  
Gilles, Elizabeth MD, University of Minne-

sota, MN  
Green, Michael, Professor, Independent Consulting Forensic Pathologist, Leeds  
Greenhalgh, Linda, Volunteer, Prevent Child Abuse Rhode Island, RI  
Greer, Dyanne, Assistant United States Attorney, U.S. Attorney's Office, District of Arizona, AZ  
Herman, Bruce, Primary Children's Medical Center, UT  
Holmgren, Brian JD, Assistant District Attorney General, Office of the District Attorney General, TN  
Jenkins, Carol MEd, Manager, Children's Hospital and Regional Medical Center, WA  
Jenny, Carole MD, Hasbro Children's Hospital, RI  
Jones, Donna, Child Development Specialist, Adair County Health Department, OK  
Karp, Harvey MD, Assistant Professor of Pediatrics, UCLA School of Medicine, California  
Kehoe, Matthew, Corrective Services Investigation Unit, Sydney, Australia  
Keltner, Leila, MD, CARES Northwest, OR  
Kutz, Timothy MD, Child Protection Division Director, Saint Louis University School of Medicine, MO  
Lantz, Patrick M.D., Forensic Pathologist, Department of Pathology, Wake Forest University, NC  
Lape, Steve, OH  
Leder, M. Rancee, MD, Child Abuse Program, Children's Hospital, OH  
Levin, Alex MD, The Hospital for Sick Children, Ontario  
Levitt, Carolyn, MD  
Madruga, Bob JD, CA  
Makoroff, Kathi MD, Mayerson Center for Safe and Healthy Children, OH  
Mann, David Lt., Buffalo Police Dept, NY  
Millar, Caroline RN, Clinical Research Nurse, University of Edinburgh, Department of Child Life, Midlothian, Scotland  
Minns, RA, Dr., Dept of Child Life and Health, University of Edinburgh, Scotland  
Nakagawa, Thomas A. MD, FAAP, Dr., Division of Pediatric Critical Care Medicine Children's Hospital of the King's Daughters, VA  
Nolen, Kristen, BS, Macon County Health Department, IL  
Pape, Julie,  
Peinkofer, James ACSW/LCSW, Mr., Peinkofer Associates, IN  
Perkowski, Stefan MSW, CSW, ACSW, Director of Program Services, Child Advocacy Center of Child and Adolescent Treatment, NY  
Reece, Robert MD, Massachusetts Society for the Prevention of Cruelty to Children, MA  
Reed, Cheryl, Acting Exec. Director, WA (Governor's) Council for Prevention of Child Abuse, WA

Ricci, Lawrence MD, Director Spurwink Child Abuse Program, The Spurwink Child Abuse Program, Maine  
Ritzen, Arlene, MD, CARES Northwest, OR  
Rogers, Laura, Senior Attorney, APRI's National Center for Prosecution of Child Abuse, VA  
Salisbury, Mary B.S. University of Illinois, Director of Programs, Prevent Child Abuse Illinois, Illinois  
Sandberg, Marilyn, Executive Director, National Center on Shaken Baby Syndrome, UT  
Sanders, Catherine, The Shaken Baby Alliance, VA  
Savage, Mike JD, Supervising Deputy District Attorney, Sacramento County District Attorney's Office, CA  
Sheridan, Clare MD, Associate Professor of Pediatrics, Loma Linda University Children's Hospital, Division, CA  
Simmons, Janet, IL  
Sinal, Sara M.D., Pediatrician, Department of Pediatrics, Wake Forest University, NC  
Sirotnak, Andrew MD, University of Colorado School of Medicine, CO  
Sloan, Rosemary, Program Consultant, Division of Childhood and Adolescence, Population, Ontario  
Smith, Lori, Officer, Portland Police Bureau Multnomah County Child Abuse, OR  
Smith, Craig, C.B. SMITH Training & Consulting, Alberta  
Spivack, Betty, MD, Office of the Chief Medical Examiner, KY  
Starling, Suzanne MD, Eastern Virginia Medical School, Children's Hospital, VA  
Stinnett, Carolyn E., Ph.D., Executive Director, Knox County Family Resource Center, Knox County, TN  
Vendola, Michael, WI Dept. of Justice, WI  
Vondra, Mary RN, MS, FHCE, Manager, Educational Services, Children's Hospital, Nebraska  
Wheeler, Phillip, DCI, Her Majesty's Inspectorate of Constabulary, Cambridge, Langley  
Whittam, Richard, Furnival Chambers, UK  
Willett, Larry, CA  
Williams, Debra, National Center on Shaken Baby Syndrome, UT

## Utah - Something for the Whole Family

### In and around Salt Lake City

#### Hansen Planetarium

Star shows, laser/music concerts, science exhibits, and Planetarium Store. Approximately six blocks from the conference hotel. For more information call 801-538-2104 or visit [www.hansenplanetarium.net](http://www.hansenplanetarium.net).

#### Homestead

Tucked up against the Wasatch Mountains, the Homestead Resort offers a spectacular setting for outdoors adventure. Of all the unique and wonderful activities at the Homestead, there is nothing quite like the Homestead Crater. It is a 55-foot tall, beehive-shaped rock that nature has hollowed out and filled with 90°-96° water. You can go swimming, scuba diving, snorkeling or enjoy a therapeutic soak in the natural mineral water. Located approximately 50 minutes from Salt Lake City. Contact us at 1-800-327-7220 [www.homestead-ut.com](http://www.homestead-ut.com).

#### Heber Valley Historic Railroad

The Heber Valley Railroad is a magnificent steam passenger railroad based in Heber City, Utah. Trains cross the farmlands of

the Heber Valley, follow the shore of Deer Creek Lake and descend into a majestic and breathtaking canyon. For more information visit [www.hebervalleyrr.org](http://www.hebervalleyrr.org) or phone (435) 654-5601

#### Lagoon Amusement Park

When it comes to family entertainment, Lagoon has the bases covered. It's over forty-five acres of excitement, and it's all for you. Thirty-five rides, a waterpark, historic Pioneer Village, live entertainment, shops, games and delicious eating. Located 17 minutes north of downtown. [www.lagoonpark.com](http://www.lagoonpark.com).

#### Thanksgiving Point

A championship caliber course, Thanksgiving Point is the largest golf club in the state. Ranked in the top ten new courses in the country by Golf Digest (1997), the course

was recently named the number one public golf club in Utah by Golf Digest and one of fifteen "hidden gems" in the country by Links Magazine. This Johnny Miller Signature Golf Club cradles the most spectacular gardens in Utah. For more information call (888) 672-6040

#### Timpanogos Cave

Timpanogos Cave National Monument sits

high in the Wasatch Mountains. The cave system consists of three spectacularly decorated caverns. Each cavern has unique colors and formations. Helictites and anthodites are just a few of the many dazzling formations to be found in the many chambers. As visitors climb to the cave entrance, on a hike gaining over 1,000 feet in elevation, they are offered incredible views of American Fork Canyon. 1-801-756-5238

#### The Children's Museum of Utah

The Children's Museum of Utah is a hands on museum for kids of all ages. Visitors will find an interactive playground where a new learning experience awaits them around every corner. Children and adults can explore, imagine, create and discover. Just three miles from conference hotel. 1-801-322-5268

#### City Tours

See all of Salt Lake City's intriguing historical and modern highlights! For \$19 you'll see:

- Temple Square-hear the famous Tabernacle organ recital
- Pioneer Village
- The old Mormon Trail
- The Capitol Building
- Governor's Mansion
- 2002 Winter Games Sporting Event Sites
- The Lion House-Have a hearty, old-fashioned snack or meal in Brigham Young's original and authentic kitchen!
- The Temple Plaza Gardens and Fountains
- and MORE!

Tour Begins daily at 8a.m. Call early for reservations. Complimentary pick up from hotel. Call Innsbrook Tours for information and reservations. 801 534-1001  
801-834-5322

"Downtown is currently abuzz with swanky eateries and brew pubs and the architectural mixes classic elements with playful designs along the ultra-clean extra-wide streets."

Golf Magazine, January 2002



Autumn in Utah's Wasatch Mountains



# Tour Utah

Shoshone Basin, Shoshone  
per mine to view the large pit, and to learn  
more about modern-day mining.

Utah.com brings you trip packages provided by some of Utah's guides and outfitters. These trips will let you experience the many things to do and see in Utah. Guided hiking, biking, rafting and fishing tours are available as well as family van tours of Southern Utah and the beautiful wasatch mountains. Tour dates vary. Call 801-356-9077 for information or to book your Utah adventure. Tours can be a worry-free way to see Utah, however, renting a car and seeing Utah at your leisure can be more economical and convenient. Check out some of Utah's beautiful, National Parks.

## [Zion's National Park](#)

Designated in 1919, Zion National Park is Utah's - and the nation's - oldest national park. Zion's soaring towers and monoliths suggest a quiet grandeur. With nearly three million visitors per year, Zion is Utah's most heavily used park. 1-435-772-3256.

## [Arches National Park](#)

A red rock wonderland containing some of the most scenic and inspiring landscapes on Earth, Arches National Park contains the world's largest concentration of natural sandstone arches. Colossal sandstone fins, massive balanced rocks, soaring pinnacles and spires dwarf visitors as they explore the park's viewpoints and hiking trails.

## [Bryce Canyon](#)

Thousands of delicately-carved spires rise in brilliant color from the amphitheatres of Bryce Canyon National Park. Millions of years of wind and water at work have etched out the pink cliffs of Bryce Canyon. The most brilliant hues of the park come alive with the rising and setting of the sun. There are many walking and hiking trails along the rim or to the bottom of the canyon. Horseback rides are also popular.

## [Capitol Reef National Park](#)

Multi-colored cliffs, massive domes, and twisting canyons inspired the Native Americans to name this area "Land of the Sleeping Rainbow." Open year-round. Address: HC 70, Box 15, Torrey, UT 84775 435-425-3791 [www.nps.gov/care/](http://www.nps.gov/care/)

## [Dinosaur National Monument](#)

Famous as the largest quarry of Jurassic Period dinosaur bones discovered. Located 13 miles east of Vernal on U.S. 40 then 7 miles north on route 149. Open daily 8:00 a.m. to 7:00 p.m. (Winter: 8:00 a.m. to 4:30 p.m.) 435-789-2115

## [Lake Powell](#)

Lake Powell - Named after the civil war veteran John Wesley Powell, Lake Powell is the principal attraction of the area. The lake backs up into more than 90 major canyons, with an overall length of 186 miles and an estimated 1,960 miles of shoreline, longer than the whole western coast of the continental United States.

## [Great Salt Lake](#)

This remnant of former Lake Bonneville, the Great Salt Lake covers over 2,000 square miles and is several times saltier than the ocean. It is located 16 miles west of Salt Lake City in I-80. Antelope Island, the largest island in the lake, is accessible by traveling north of Salt Lake City on I-15 to Exit 335 and west on state route 106/127 over the causeway to Antelope Island State Park.

## [Kennecott Copper Mine](#)

Astronauts in outer space can see only two man-made objects on earth: The Great Wall of China and the Kennecott Bingham Canyon Mine near Salt Lake City. The open-pit Mine is 2.5 miles wide and 3/4 of a mile deep, following 96 years of copper mining. People all over the world visit the Utah cop-

## [Bear Lake](#)

Often called the "Caribbean of the Rockies" because of its incredible turquoise-color. Bear Lake is a paradise for watersport activities: sailing, boating, swimming, jet-skiing, water-skiing, fishing (for cutthroat, mackinaw and whitefish), sailboarding and scuba diving. For more information call 208-945-2791.



## Registration

General conference registration entitles participants to the following:

- All general conference sessions
- All workshop breakout sessions
- Attend opening reception
- Conference syllabus
- Morning continental breakfast
- Afternoon coffee break
- Entry to exhibits

## Accommodation

A large block of rooms have been reserved at reduced rates of \$139 and a limited number of rooms are available at \$109 plus room tax. Please make your reservation early to ensure space. Reservations made after August 11 will be subject to availability and are not guaranteed the special conference rate.

You may call Little America for room reservations at 1-800-453-9450 or 1-801-596-5966. Please register under the group name of the Fourth National Conference on Shaken Baby Syndrome.

## Exhibit

Exhibiting at the Fourth National Conference on Shaken Baby Syndrome is a terrific opportunity to display your products, services or programs to a highly motivated multidisciplinary population of professionals. All booths are highly visible and will offer vendors an equal opportunity to reach participants. Both nonprofit and commercial inquiries are invited. Space is limited. For more information, or to reserve a space, call Teresa Brechlin at (801) 627-3399 today.

## Resource Room

There will be a room available in the conference area for the sharing of free materials, brochures, etc. Limited space will be provided for each organization interested in sharing resources at the conference. Participants are required to place and pick up their own ma-

## Syllabus Ad

Advertise your program or product in the conference syllabus. This is a great way to target your information to child abuse professionals at an economical price. Contact

## Travel

**Air** Delta Airlines, the official conference airline, is offering special discounted rates for participants flying round-trip from anywhere within the United States to our Salt Lake City meeting site. Some restrictions apply. Seats are limited, so make your reservations early by calling Delta Airlines at 800-241-6760, Monday through Friday from 8 a.m. to 11 p.m. eastern time. Please be sure to mention Delta File number 155876A.

**Shuttle** Free shuttle service to and from the Salt Lake City Airport between 6:00 a.m. and 9:40 p.m. is provided by Little America Hotel. To call for transportation service, locate the Little America phone near the baggage claim area at the Salt Lake City airport and a driver will pick you up.

**Utah Trax** is a mass transit light rail system in downtown Salt Lake City. With a stop

## CEU

**AMA Credit**

Primary Children's Medical Center designates this educational activity for a maximum of 15.0 hours in category 1 towards the AMA Physician Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

**Accreditation**

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education, through the joint sponsorship of Primary Children's Medical Center, the Department of Pediatrics at the University of Utah School of Medicine, and the National Center on Shaken Baby Syndrome. Primary Children's Medical Center is accredited by the ACCME to provide continuing medical education for physicians.

**Other** Continuing Education Credits have been approved for law enforcement through POST in Utah and Idaho, and psychology through Utah Psychological Association (UPA). Final approval for other select continuing education credit is pending. These include social work (NASW) and Legal (CLE).

**Nursing** Nursing contact hours have been applied for. Primary Children's Medical Center has been approved as a provider of continuing

education in nursing by the Utah Nurses Association, which is accredited as an approver of continuing education in nursing by the American Nurses Credentialing Center's Commission on Accreditation.



More information about obtaining continuing education credits for these disciplines will be available on-site at the conference. Questions about continuing education credits should be directed to Trina Taylor at 801-627-3399

## Networking Lunches

Hold your membership, committee or board meeting at the NCSBS's National Conference! Subject to availability, NCSBS staff will assist in securing meeting space for your group when you register for the conference.

Requests for space must be made by August 1, 2002 and meetings will be listed in the final onsite program book if requested. Please call Teresa Brechlin of the National Center on Shaken Baby Syndrome at (888) 273-0071 to book your meeting, or for more information.

**Hospital-Based Parent Education Luncheon**  
An informal discussion on how to begin a Shaken Baby Syndrome Prevention program in your hospital will be held on Saturday, September 14 at 12:15 p.m. in the Wyoming Room. The discussion will cover the successes and challenges encountered when working with hospitals to implement a parent education program in their facility. Box lunches can be ordered in advance through the registration desk.

## Military Meeting

A special training meeting for Military personnel involved in the New Parent Support Programs will be held on Thursday, September 12, 2002 from 3:00 pm to 5:30 pm. This is the perfect opportunity to learn what other programs are doing to educate parents about shaken baby syndrome. If you plan to attend, please RSVP to Amy at 888-273-0071 (toll-free in the United States).

# Registration

The preferred method for registration is online via the website at [www.dontshake.com](http://www.dontshake.com)

**Personal Details** Each registrant **MUST** complete a separate form.

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ Title \_\_\_\_\_

Institution/Organization Affiliation \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ Facsimile \_\_\_\_\_ E-Mail \_\_\_\_\_

**Discipline:** (please check one)

Medical/Physician  Social Work  Prevention / Education  SBS Family Member (Relationship to victim) \_\_\_\_\_

### Early Bird Registration (Registrations postmarked/received PRIOR to August 9, 2002)

General Registration (\$375)  Physician Registration (\$425)  SBS victim family members (\$140)

### Registration (Registrations postmarked/received AFTER August 9, 2002)

General Registration (\$425)  Physician Registration (\$475)  SBS victim family members (\$150)

**Pre/Post Conference Institute Registration** Pre-conference training session on Thursday, September 12 (Refer to pages 6 and 7 for description.)  Prevention Institute (\$50)  Misuse of Medical Literature Institute (\$70)

### Networking and Social Event

Gallivan Center - (\$50) Friday, September 13. (Refer to page 10 for description.)

### Payment Options

I have enclosed my check / money order for \$ \_\_\_\_\_ (Please include participant's name on the check stub.)

I want to charge my costs to my:  VISA  MASTERCARD  AMERICAN EXPRESS

Cardholder's name \_\_\_\_\_ Signature \_\_\_\_\_

Please print legibly

Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_

- For special billing, group discounts or purchase order requests contact The National Center on Shaken Baby Syndrome
- All prices are quoted in U.S. Dollars and payment in any other currency will not be accepted.
- Online registration will not be accepted without accompanying credit card payment.
- Please make checks payable to and send to: **The National Center on Shaken Baby Syndrome**

2955 Harrison Blvd., Suite #102,  
Ogden, Utah 84403

Phone # (801) 627-3399 Fax # (801) 627-3321

E-Mail: [registration@dontshake.com](mailto:registration@dontshake.com)



The National Center on  
**Shaken  
Baby  
Syndrome**



No refunds will be given unless a written request is received on or before September 1, 2002. A \$50 processing fee will be assessed.

**RESPONSIBILITY** The participant acknowledges that he/she has no right to lodge damage claims against the organizers should the holding of the congress be hindered or prevented by unexpected political or economic events or generally by force majeure, or should the non-appearance of speakers or other reasons necessitate program changes. With registration, the participants accept this proviso.



The National Center on Shaken Baby Syndrome  
2955 Harrison Blvd, Ste. 102  
Ogden, UT 84403

**The Fourth National Conference on Shaken Baby Syndrome**  
**September 12-15, 2002**

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