

## please join us

# Twelfth International Conference on Shaken Baby Syndrome/Abusive Head Trauma

CAMBRIDGE/BOSTON, MASSACHUSETTS, USA SEPTEMBER 29, 30, and OCTOBER 1, 2012

The National Center on Shaken Baby Syndrome would like to welcome you historic Cambridge, Massachusetts for the Twelfth International Conference on Shaken Baby Syndrome/Abusive Head Trauma (SBS/AHT).

We hope you will take advantage of this extraordinary lineup of presentations given by the world's experts on shaken baby syndrome/abusive head trauma. The program provides ample opportunities to cultivate new relationships between the families affected by this form of child abuse and the professionals who deal with the cases. Topics will range from the most current scientific research, medical practices, investigation techniques, prevention programs and family experiences.

For the most current information on SBS/AHT, visit our website at: www.dontshake.org

### CONFERENCE SPONSORS AND SUPPORTERS

The Twelfth International Conference on Shaken Baby Syndrome/Abusive Head Trauma is jointly sponsored by the National Center on Shaken Baby Syndrome and the Warren Alpert Medical School of Brown University.





The conference is made possible through the generous support of our donors. Through their generous support we were able to provide multiple scholarships to victims and families of victims, to help make the conference as economical as possible.





This event is supported in part through funding from the Office for Victims of Crime, Office of Justice Programs, United States Department of Justice. Points of view expressed in this event are those of the organizers and do not necessarily represent the official position or policies of the U.S. Department of Justice.

The NCSBS would like to thank Neutekprint for generously donating the printing of this on-site program.



The views presenters in the conference sessions or at the exhibits do not imply endorsement by the National Center on Shaken Baby Syndrome, the planning committee or any other conference supporter.

## conference at a glance

**fri** 9/28

REGISTRATION DESK OPEN SPEAKER READY ROOM AVAILABLE

12:00PM-6:00PM 12:00PM-6:00PM

**sat** 9/29

REGISTRATION DESK OPEN
WELCOMING REMARKS

Keynote Presentation- WHILE WE ARGUE, CHILDREN DIE:

THE CONSEQUENCES OF MISINFORMATION

BREAK

BREAKOUT SESSIONS A

BREAKOUT SESSIONS B

LUNCH BREAK

No Host Luncheon Presentation-A DAUBERT ANALYSIS OF

ABUSIVE HEAD TRAUMA (AHT)/ SHAKEN BABY SYNDROME (SBS)

Keynote Presentation- ABUSIVE HEAD TRAUMA:

NEW PERSPECTIVES, BIOMARKERS, TARGETS, AND THERAPIES

BREAK

BREAKOUT SESSIONS C

BREAKOUT SESSIONS D

7:00AM-5:00PM

8:00AM-8:30AM 8:30AM-9:30AM

9:30AM-9:50AM

9:30AM-9:50AM 9:50AM-10:50AM

11:00AM-12:00PM

12:00PM-1:30PM 12:20PM-1:20PM

1:30PM-2:30PM

2:30PM-2:50PM

2:50PM-3:50PM

4:00PM-5:00PM

**sun** 9/30

REGISTRATION DESK OPEN

 $\textbf{Keynote Presentation-} \ \mathsf{CONFESSIONS} \ \ \mathsf{OF} \ \ \mathsf{AHT} :$ 

A LEGAL AND MEDICAL ANALYSIS
LUNCH BREAK

LUNCH BREA

CHILDREN'S HOSPITAL NETWORKING LUNCHEON

BREAKOUT SESSIONS A

POSTER PRESENTATIONS

AFTERNOON BREAK

BREAKOUT SESSIONS B

BREAKOUT SESSIONS C

NETWORKING RECEPTION WITH HORS D'OEUVRES

7:00AM-5:00PM 8:00AM-12:00PM

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12:00PM-1:30PM

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1:30PM-2:50PM

2:30PM-2:50PM

2:50PM-3:50PM 4:00PM-5:00PM

5:00PM-7:00PM

**mon** 10/1

REGISTRATION DESK OPEN

Keynote Presentation- A WOLF IN SHEEP'S CLOTHING:
DENIALISM IN CHILD ABUSE PEDIATRICS

MORNING BREAK

BREAKOUT SESSIONS A

BREAKOUT SESSIONS B

LUNCH BREAK

Keynote Presentation: MORE THAN A DECADE LATER

CARING FOR A SURVIVOR OF A SHAKEN BABY SYNDROME

AFTERNOON BREAK

BREAKOUT SESSIONS C

BREAKOUT SESSIONS D

7:00AM-5:00PM 8:00AM-9:00AM

9:00AM-9:20AM

9:20AM-10:20AM

10:30AM-11:30AM 11:30AM-1:00PM

1:00PM-2:00PM

2:00PM-2:20PM 2:20PM-3:20PM

3:30PM-4:30PM

## keynote presentations

### 8:30AM-9:30AM

President's Ballroom

## saturday 9/29

While We Argue, Children Die: The Consequences of Misinformation Robert Block, MD, FAAP, President of the American Academy of Pediatrics (Tulsa, OK, USA)

During the last several years, largely due to two factors, an argument about the diagnosis of abusive head trauma and shaken baby syndrome has evolved. The factors underlying the disagreements are; 1) biased and unscientific reporting in law review journals that misrepresent the known science of head trauma, and 2) the introduction of medical evidence presented in courts of law that is not always truthfully, or completely told. Although there is an abundance of solid evidence to support the diagnosis of abusive head trauma, it is imperative that each potential case be thoroughly investigated from child welfare to clinical outcome or autopsy. Continuing research is essential, but limited research funding should not be wasted on disputing obviously unsupported opinions. This keynote address will set the tone for a meeting grounded in science, sharing of experiences, and reporting on research, with the aim of eventually correctly recognizing cases of AHT, and cases with correct and accepted alternative diagnoses.

### NO HOST LUNCHEON PRESENTATION

### 12:20PM-1:20PM

President's Ballroom

### 1:30PM-2:30PM

President's Ballroom

A Daubert Analysis of Abusive Head Trauma (AHT)/ Shaken Baby Syndrome (SBS)

Sandeep Narang, MD, JD, FAAP (San Antonio, TX, USA)

### **Abusive Head Trauma:**

New Perspectives, Biomarkers, Targets, and Therapies

Patrick Kochanek, MD (Pittsburgh, PA, USA)

This presentation will provide a unique opportunity to hear about the challenges physicians have in treating and rehabilitating a child who has severe brain damage resulting from abusive head trauma - with a special focus on neurocritical care. The concept of abusive head trauma as a unique form of pediatric TBI, contemporary perspectives on pathobiology, diagnosis, and both current and novel therapies will be addressed.

## keynote presentations

## sunday 9/30

### Confessions of AHT: A Legal and Medical Analysis

44 case examples of confessions of AHT will be presented by a panel of experts some of which have been published in peer review journals.

Commentary will follow regarding legal and medical opinions. This presentation will be moderated by Dr. John Leventhal with Yale Medical School.

### Case Presentations:

Catherine Adamsbaum, MD (Paris, France)
Bruce Herman, MD (Salt Lake City, UT, USA)
Alex Levin, MD, FAAP, FAAO, FRCSC (Philadelphia, PA, USA)
Marjory Fisher, Bureau Chief Special Victims Bureau (Queens, NY, USA)
Leigh Bishop, Special Victims Bureau (Queens, NY, USA)

### Commentary:

Carole Jenny, MD, MBA (Providence, RI, USA) A medical opinion on the implications of understanding the pathogenesis of SBS/AHT.

Tom Fallon, JD (Madison, WI, USA) A legal perspective of where confessions lie in the scale of evidence.

## monday 10/01

### A Wolf in Sheep's Clothing: Denialism in Child Abuse Pediatrics

Chris Greeley, MD, FAAP (Houston, TX, USA)

This presentation will discuss the rise of Denialism in Child Abuse Pediatrics and how Denialism is distinct from disagreement. The discussion will explore how the medical literature and principles of Evidence-Based Medicine have been used and misused. The presentation will frame how the media influences and affects legal opinions. The discussant will propose some strategies aimed at resolving the current academic and scholarship dissensus.

## More Than a Decade Later... Caring For a Survivor of Shaken Baby Syndrome

Nancy Becker, Adoptive Mother (Rochester, MN, USA)
David Ritterbeck, Grandfather (Caldwell, OH, USA)
Michele Poole, Grandmother/Custodial Parent (Lake Worth, FL, USA)

From three distinctly different viewpoints; caregivers of survivors describe the cost of care, challenges in education, strains to family relationships, and the joy of knowing their child survived.

### 8:00AM-12:00PM

President's Ballroom

### 8:00AM-9:00AM

President's Ballroom

1:00PM-2:00PM

President's Ballroom



### 8:30AM-9:30AM KEYNOTE PRESENTATION

President's Ballroom

While We Argue, Children Die: The Consequences of Misinformation Robert Block, MD, FAAP, President of the American Academy of Pediatrics (Tulsa, OK, USA)

### 9:50AM-10:50AM

### MORNING CONCURRENT WORKSHOPS

Ballroom AC
Ballroom BC

**The Dural Dilemna**Lucy Rorke-Adams, MD (Philadelphia, PA, USA)

## Investigation of Deaths of Infants and Young Children by the Forensic Death Investigator

Julie Howe, D-ABMDI (St.Louis, MO, USA)

### Father's Moving Forward, while Remembering the Past

Bev Byron, RN, MSN, Ret. LT. COL (Ellicott City, MD, USA) Darryl Gibbs (Yonkers, NY, USA) Sunil Eappen, MD (Boston, MA, USA) Rudy Delgado (Sterling, IL, USA)

Molly Pitcher

Crispus Attucks

Thomas Paine

## The Role of the Forensic Anthropologist in the Classification of Child Abuse

Jennifer Love, PhD, D-ABFA (Houston, TX, USA)

## Retinal Hemorrhages in AHT: The Differential, Significance, and Mechanistic Ideas

Brian J. Forbes, MD, PhD (Wallingford, PA, USA) Alex Levin, MD, MHSc (Philadelphia, PA, USA) Gil Binenbaum, MD, MSCE (Philadelphia, PA, USA)

### 9:50AM-12:00PM

### MORNING CONSECUTIVE WORKSHOPS

William Dawes

William Dawes

### Evidence-based Prevention of Abusive Head Trauma: Emerging Outcomes (90 minutes)

Ronald Barr, MD, FAAP (Vancouver, BC, Canada) Mark Dias, MD, FAANS, FAAP (Hershey, PA, USA) Adam Zolotor, MD, DrPH (Chapel Hill, NC)

# SBS & AHT Prevention in a Hospital Environment in Riyadh-Saudi Arabia: Key Challenges and Opportunities to Successful Program Development and Implementation (30 minutes)

Ismail K. Noor, PhD (Riyadh, Saudi Arabia) Muna M. Al Kahtany (Riyadh, Saudi Arabia) Fatimah Alshehri (Riyadh, Saudi Arabia) Majid A. Aleissa, MD (Riyadh, Saudi Arabia) Maha A. Almuneef (Riyadh, Saudi Arabia)

### 11:00AM-12:00PM

### MORNING CONCURRENT WORKSHOPS

Crispus Attucks

Ballroom BC

Haym Saloman

More of "What the Neurosurgeon Sees" – Revisited! Michael Partington, MD (St. Paul, MN, USA)

Responding to Defense Challenges in AHT Cases Brian Holmgren, JD (Nashville, TN, USA) Deborah Lowen, MD (Nashville, TN, USA)

## Addressing the Educational Needs of Young Children with SBS/AHT Philip Schweigert, M Ed (Albuquerque, NM, USA)

Cases Where I Still Have Questions about What I am Seeing: Mimickers of AHT

Mary Case, MD (St. Louis, MO, USA)

**Chocolate and Conversation:** 

**Building Bridges Between Clinicians and Engineers to Understand AHT** Stephen Boos, MD, FAAP (Springfield, MA, USA) Cindy Christian, MD (Philadelphia, PA, USA) Susan Margulies, PhD (Philadelphia, PA, USA) Molly Pitcher Ballroom AC

NO HOST LUNCHEON PRESENTATION 12:20 PM-1:20 PM

> A Daubert Analysis of Abusive Head Trauma (AHT)/ Shaken Baby Syndrome (SBS)

Sandeep Narang, MD, JD, FAAP (San Antonio, TX, USA)

President's Ballroom

AFTERNOON KEYNOTE 1:30 PM - 2:30 PM

**Abusive Head Trauma:** New Perspectives, Biomarkers, Targets, and Therapies

Patrick Kochanek, MD (Pittsburgh, PA, USA)

President's Ballroom

William Dawes

Crispus Attucks

Ballroom BC

**Thomas Paine** 

Ballroom AC

AFTERNOON CONCURRENT WORKSHOPS 2:50PM-3:50PM

Fatal Head Injury and Subdural Hemorrhages in Children in New York City James Gill, MD (New York, NY, USA)

AHT Prevention in Pennsylvania: Successful Implementation Strategies and Challenges Encountered with CDC Funded Program Expansion

> Mark Dias, MD, FAAP (Hershey, PA, USA) Kelly Cappos, RN, BSN, CPUR, CLNC (Hershey, PA, USA) Marie Killian, RN, BSN, CPUR, CLNC (Hershey, PA, USA)

Carroll Rottmund, RN, BSN, CPUR, CLNC (Hershev, PA, USA) "Clinical Prediction Rule" for AHT Use in PICU Settings

Kent Hymel, MD (Lebanon, NH, USA)

Proving the Case in the Investigation or Documentation before the Wagons are Circled

Kevin Doyle, JD (Danbury, CT, USA) Steve Sedensky, III. JD (Danbury, CT, USA)

What Does the Science Tell us about Alternate Hypothesis of AHT

Carole Jenny, MD, MBA (Providence, RI, USA)

CONSECUTIVE 30-MINUTE WORKSHOPS 2:50PM-3:50PM

One Small Candle: Creating an SBS Advocacy Group

Greg Williams, M.Ed. (Danville, IL, USA) Marsha Williams, LPN (Danville, IL, USA)

Facing New Challenges: Your SBS Survivor is a Teenager!

Carolyn Stinnett, PhD, (Louisville, TN, USA)

2:50PM-3:20PM Haym Saloman

3:20PM-3:50PM

Haym Saloman



### 2:50PM-3:20PM

Molly Pitcher

### 3:20PM-3:50PM

Molly Pitcher

### Implementation and Evaluation of a Dual Setting Shaken Baby Prevention Project (15 minutes)

Kristen Rector, LAPSW (Nashville, TN, USA)

### Efficacy of a Sound-Based Method for Self-Soothing of Caregivers to Reduce the Risk of Abusive Head Trauma/Shaken Baby Syndrome

Allen Gerber, MD (High Falls, NY, USA) Shulamit Elson (High Falls, NY, USA) Jetta Bernier MA (Boston, MA, USA)

### 4:00PM-5:00PM

### AFTERNOON CONSECUTIVE WORKSHOPS

### 4:00PM-4:20PM

Haym Saloman

### 4:20PM-4:40PM

Haym Saloman

### 4:40PM-5:00PM

Haym Saloman

### Evaluation of an Educational Video for the Prevention of Non-Accidental Head Trauma in Babies (15 minutes)

Nahara Rodrigues Laterza Lopes (Sao Carlos, SP, BR) Lucia Cavalcanti de Albuquerque Williams (Sao Carlos, SP, BR)

### Steps for Instituting a Successful Hospital-Based SBS Prevention Program (15 minutes)

Kim Smith, RN, BSN (Buffalo, New York, USA) Kathy DeGeuhery, RN, BSN (Buffalo, New York, USA)

### Safe Baby: A Campaign to Reduce Preventable Infant Deaths in Hillsborough County Florida (15 minutes)

Lisa Colen, MHA (Tampa, FL, USA) Jessica Reynolds BA (Tampa, FL, USA)

### 4:00PM-5:00PM AFTERNOON CONCURRENT WORKSHOPS

## Shaken Infant Syndrome and the Forensic Pathologist -

### William Dawes

Ballroom AC

### Crispus Attucks

Ballroom BC

Molly Pitcher

Thomas Paine

### A Difficult Interface Roger Byard, MD (Adelaide, SA, AU)

Infant Found Dead in the Home: More than Meets the Eye Rebecca Moles, MD (Worcester, MA, USA)

## Amy Goldberg, MD (Providence, RI, USA)

### Imaging of Brain Trauma

Wilbur Smith, MD (Detroit, MI, USA)

### So How Do You Convince the Judge?

Honorable Charles D Gill, JD (Litchfield, CT, USA)

### Navigating the World of SBS - Revelations, Rights, & Resources

Catherine Sanders (Manassas, VA, USA) Kim Kang (Maple Plain, MN, USA)

### MPEEC- Mandated Child Abuse Pediatrician Evaluation of Children Reported for Suspected Abusive Head Trauma, a Regional Level

Jill Glick, MD (Libertyville, IL, USA) Emalee Flaherty, MD, FAAP (Chicago, IL, USA) Michele Lorand, MD (Chicago, IL, USA) Char Rivette, Executive Director (Chicago, IL, USA) Kristen R. Bilka, MMS (Parkridge, IL, USA)



### KEYNOTE PRESENTATION 8:00AM-12:00PM

### Confessions of AHT: A Legal and Medical Analysis

Catherine Adamsbaum, MD (Paris, France)
Bruce Herman, MD (Salt Lake City, UT, USA)
Alex Levin, MD, FAAP, FAAO, FRCSC (Philadelphia, PA, USA)
Marjory Fisher, Bureau Chief Special Victims Bureau (Queens, NY, USA)
Leigh Bishop, Special Victims Bureau (Queens, NY, USA)
Carole Jenny, MD, MBA (Providence, RI, USA)
Tom Fallon, JD (Madison, WI, USA)

President's Ballroom

### AFTERNOON CONCURRENT WORKSHOPS 1:30PM-2:30PM

Overcoming the Media and Defense Expert Testimony In High-Profile Abusive Head Trauma Cases: A 2009 Case Study

Dermot Garrett, JD (Rockville, MD, USA)

Public Information and Perception vs. Science: Effects on Child Abuse Cases

Carole Jenny, MD, MBA (Providence, RI, USA) Randall Alexander, MD, PhD (Jacksonville, FL, USA)

Single-Parent Termination of Parental Rights: A Precedent-Setting Legal Case Study

Jennipher Dickens, RN (Windsor, NC, USA)

The Goudge Inquiry into Pediatric Forensic Pathology in Ontario: What Was Learned?

Dirk Huyer, MD (Guelph, Ontario, CA)

The Ethics and Necessity of Investigative Protocols throughout an AHT/SBS Case

Leigh Bishop, Special Victims Bureau (Queens, NY, USA) Marjory Fisher, Bureau Chief Special Victims Bureau (Queens, NY, USA) Molly Pitcher

Ballroom BC

Haym Saloman

William Dawes

Thomas Paine

### AFTERNOON CONSECUTIVE WORKSHOPS 1:30PM-2:30PM

Abusive Head Trauma Cases Decrease Following Radio Roadblock

Lynn Sheets, MD, FAAP (Milwaukee, WI, USA)

Estimating Abusive Head Trauma/Shaken Baby Syndrome (AHT/SBS)
Incidence from ICD-10 Codes for Hospitalizations in Canada

Ronald Barr, MD, FAAP (Vancouver, BC, Canada)

Promoting Tolerance to Distress: Supporting Parents through Inconsolable Crying Beth Russell, PhD (Storrs, CT, USA) 1:30PM-1:45PM Crispus Attucks

1:45PM-2:00PM

Crispus Attucks

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2:00PM-2:30PM

Crispus Attucks

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### AFTERNOON CONSECUTIVE WORKSHOPS 1:30PM-5:00PM

Alternative Hypothesis in AHT: Hypoxia, Cortical Vein Thrombosis, Rickets, Vitamin D Deficiency

Cindy Christian, MD (Philadelphia, PA, USA) Lori Frasier, MD (Salt Lake City, UT, USA) Mary Case, MD (St. Louis, MO, USA) 1:30PM-3:20PM

Ballroom AC



## 3:20PM-5:00PM

Abusive Head Trauma: Myths vs. Science

Alice Newton, MD (Boston, MA, USA) Michelle Silvera, MD (Cambridge, MA, USA) David Deakin, Esq. (Boston, MA, USA)

### 2:50PM-3:50PM AFTERNOON CONCURRENT WORKSHOPS

Thomas Paine

Ballroom AC

Pecha-Kucha: An exciting new format for multiple presentations.

Global Research on the *Period of PURPLE Crying* Program (Presentations in Pecha-Kucha Format, 10 minutes each)

Abusive Head Trauma in West Virginia in Children <2 years of Age: A Multicenter Analysis
Beth Emrick, MD (Charleston, WV, USA)
Jim McJunkin, MD (Charleston, WV, USA)

Scoping the *PURPLE* program for Rural and Remote Settings in Australia

William Liley, MBBS, P/G DipEdSt, B Phty (Smithfield, Queensland, AU)
Anne Stephens, PhD, Bed, BA (Townsville, Queensland, AU)

Preventing Shaken Baby Syndrome:

A Comparison of Two Parent Education Videos

Karen Foley-Schain, MA, M ED LPC, (Hartford, CT, USA)

Effectiveness of Educational Materials Designed to Change Knowledge and Behavior about Crying and Shaken Baby Syndrome: A Replication of a Randomized Controlled Trial in Japan

Takeo Fujiwara, MD, PhD, MPH (Setegaya-ku, Tokyo, JP)

An Evidence-Based Method for Targeting a Shaken Baby Syndrome Prevention Media Campaign

Tanya Charyk Stewart, BSc MSc (London, ONT, CA)

Ballroom BC

Haym Saloman

Crispus Attucks

William Dawes

**Preparing and Presenting Expert Medical Testimony** 

Tom Fallon, JD (Madison, WI, USA)

A Cry for Help: Providing Useful Information and Resources to Victims and Family Members Affected by SBS/AHT

Amy Wicks (Ogden, UT, USA)

Aspects of Neuro-Imaging in NAHI

Neil Stoodley, FRCS, FRCR (Bristol, UK)

Missed Opportunities for Prevention – Sentinel Injuries in Infants

Lynn Sheets, MD, FAAP (Milwaukee, WI, USA)

#### AFTERNOON CONSECUTIVE WORKSHOPS 2:50PM-3:50PM

### The Findings of Fact and the Roles of Medical Evidences in Japanese Criminal Cases of SBS

Saori Nambu, (Yokohama, Japan) Akiyoshi Nishimura (Tokushima pref. Japan) Avako Nasu (Tokushima, Japan) Satoshi Fujiwara (Yokohama, Japan)

### Perpetrators of Shaken Baby Syndrome

James Peinkofer, LCSW (Mishakawa, IN, USA)

### 2:50PM-3:20PM

Molly Pitcher

### 3:20PM-3:50PM

Molly Pitcher

#### AFTERNOON CONSECUTIVE WORKSHOPS 4:00PM-5-00PM

### Cognitive Sequelae of Victims of Shaken Baby Syndrome

Élaine Brosseau, MPs DPs Cand. (UQTR, Quebec, Canada) Annie Stipanicic, PhD (CEIDEF-UQTR, Quebec, Canada) Claire Dumont, PhD (UQTR, Quebec, Canda)

### 4:00PM-4:15PM

Havm Saloman

### Medicolegal Consequences of an Intervallum Lucidum in NAHI

Marc De Leeuw, MD (Wilrijkstraat, Belgium) Emile Beuls (Wilrijkstraat, Belgium) Marlies Hermans (Wilrijkstraat, Belgium) Werner Jacobs (Wilrijkstraat, Belgium)

### 4:15PM-4:30PM

Haym Saloman

### Doctors are from Mars, Investigators are from Venus

Rebecca Moles, MD (Worcester, MA, USA)

### 4:30PM-5:00PM

Haym Saloman

Crispus Attucks

#### AFTERNOON CONCURRENT WORKSHOPS 4:00PM-5:00PM

"Take a Break, Don't Shake!" A School-Based AHT Prevention Program

Debra Esernio-Jenssen, MD (Gainesville, FL, USA)

### The Challenges of Child Abuse: The Prosecutor-Medical Examiner Team James Lauridson, MD (Mobile, AL, USA)

Kevin Doyle, JD (Danbury, CT, USA)

### Ballroom BC

### Investigation of Injury Potential in Pediatric **Short-Distance Falls Using Computer Simulation**

Angela Thompson, PhD (Louisville, KY, USA) Gina Bertocci, MD (Louisville, KY, USA) Mary Clyde Pierce, MD (Chicago, IL, USA)

### Thomas Paine

Developing a Better Understanding of Retinal Hemorrhages from Trauma

Brittany Coats, PhD (Philadelphia, PA, USA) Gil Binenbaum, MD, MSCE (Philadelphia, PA, USA)

The Use of Exhibits in Abusive Head Trauma Cases: Exposing Malice Linda Bryant, JD (Norfolk, VA, USA) William Dawes

Molly Pitcher

### 8:00AM-9:00AM KEYNOTE PRESENTATION

President's Ballroom

A Wolf in Sheep's Clothing: Denialism in Child Abuse Pediatrics Chris Greeley, MD, FAAP (Houston, TX, USA)

9:20AM-10:20AM MORNING CONCURRENT WORKSHOPS

Ballroom BC Molly Pitcher

Crispus Attucks

Thomas Paine

Ballroom AC

The Meninges: An Overview with Relevance to Subdural Bleeding Mark Dias, MD, FAANS, FAAP (Hershey, PA, USA)

Lessons Learned from Ten Years as the UK Police Advisor on SBS Cases Philip Wheeler (London, UK)

From Crime to Court: How Do We Successfully Take a Case from the Investigation through the Court Process?

Sandra Tullius, JD (Ft. Belvoir, VA, USA) Eleanor A Odom, JD (Marietta, GA, USA)

William Dawes

5 Bruising Characteristics that Discriminate Abuse from Accidental Trauma in Young Children

Mary Clyde Pierce, MD (Chicago, IL, USA)

Radiological Manifestations of Abusive Head Trauma: Patterns and Thoughts on Mechanisms

Ellen Grant, MD, MSc, CAQ Neuroradiology, Board Certified Radiologist (Boston, MA, USA)

Haym Saloman

What's Business Got to Do With It? **Engaging the Business Sector as a Prevention Partner** Sandra Alexander, MEd (Atlanta, GA, USA)

The Safe Environment for Every Kid (SEEK) Model for **Preventing Child Maltreatment** 

Howard Dubowitz, MB ChB MS (Baltimore, MD, USA) Wendy Lane, MD MpH (Baltimore, MD, USA)

10:30AM-11:30AM MORNING CONCURRENT WORKSHOPS

Ballroom AC

Improving Identification of AHT Using Serum Biomarkers and a Clinical Decision Rule: Preliminary Data from a Multi-Center Study

Rachel Berger, MD, MPH (Pittsburgh, PA, USA) Mary Clyde Pierce, MD (Chicago, IL, USA) Bruce Herman, MD (Salt Lake City, UT, USA)

SBS and the Supreme Court

Randall Alexander, MD, PhD (Jacksonville, FL, USA) Brian Holmgren, JD (Nashville, TN, USA)

Do Increased Intracranial Pressure or Cortical Venous Thrombosis Cause William Dawes **Retinal Hemorrhages?** Alex Levin, MD, MHSc (Philadelphia, PA, USA)

> **Developing a Legal Curriculum and Training in Rural Communities** Eleanor A Odom, JD (Marietta, GA, USA)

Crispus Attucks

Ballroom BC

10:30AM-11:30AM

Haym Saloman

CONT'D

## Implementation of the *Period of PURPLE Crying* Program - One Size Doesn't Fit All

Jan Clarkin (Augusta, ME, USA)
Samantha Cotten, BS (Wichita, KS, USA)
Denise Easley, RNC-NIC (Cedar Rapids, IA, USA)
Amy Owens, MS (Seattle, WA, USA)
Teriesa Pleyo, RN, MSN, IBCLC (Pasco, WA, USA)
Denise Polgar, Injury Prevention Educator (London, ON, CA)
Kelly Barzsa-Jenkins Reg N, PNC(c) (London, ON, CA)
Julie Price, MM (Farmington, UT, USA)
Lawrence Ricci, MD (Portland, ME, USA)
Anne Auld, BS (Wichita, KS, USA)

Ways to Bring SBS Education and Awareness to Your Community

Brandi Whaley (Twin Falls, ID, USA)

Cervical Spine Injuries in Patients Evaluated for Suspected Physical Abuse

Tanya Hinds, MD (Washington, DC, USA)

1:00PM-2:00PM

Molly Pitcher

**Thomas Paine** 

KEYNOTE PRESENTATION

More Than a Decade Later...
Caring For a Survivor of Shaken Baby Syndrome

Nancy Becker, Adoptive Mother (Rochester, MN, USA)
David Ritterbeck, Grandfather (Caldwell, OH, USA)
Michele Poole, Grandmother/Custodial Parent (Lake Worth, FL, USA)

President's Ballroom

AFTERNOON CONCURRENT WORKSHOPS 2:20PM-3:20PM

A Look at the Long Term Effects of Shaken Baby Syndrome and the Family

Richard Hadley, Parent (Gretna, NE, USA) Natalie Hadley, Parent (Gretna, NE, USA)

Statewide Abusive Head Trauma Prevention: Process Evaluation and Recall of Crying and Shaking Education Reinforcement during Sick and Well Baby Visits

Kelly Sullivan, PhD (Durham, NC, USA) Adam Zolotor, MD, MPH (Durham, NC, USA) Maryalice Nocera, RN, MSN (Chapel Hill, NC, USA) Robert Murphy, PhD (Chapel Hill, NC, USA)

Risk Factors for Unlawful and Suspicious Child Deaths

— Is There a Theme?

David Marshall, QPM, MSc (Basildon, Essex, UK)

How to Successfully Prosecute AHT Cases, Why You Need a Team Approach

Rich Colangelo, JD (Stamford, CT, USA) Andrea Asnes, MD (New Haven, CT, USA) Sue Williams, MD (Farmington, CT, USA) Thomas Paine

Ballroom BC

William Dawes

Ballroom AC

### 2:20PM-3:20PM AFTERNOON CONSECUTIVE CONCURRENT WORKSHOPS

### 2:20PM-2:50PM

Crispus Attucks

### 2:50PM-3:20PM

Crispus Attucks

### 2:20PM-2:50PM

Molly Pitcher

## 2:50PM-3:20PM

Molly Pitcher

### 2:20PM-2:50PM

Haym Saloman

### 2:50PM-3:20PM

Haym Saloman

### Characteristics of Abusive Head Injury in Saudi Arabia (30 minutes)

Majid Al Eissa, MD (Riyadh, Saudi Arabia)

### Defining Standards for Paediatric Medico-Legal Reports in Forensic **Evaluation of Suspicious Injuries (30 minutes)**

Catherine Skellern, BHB, MBChB, FRACP, MPH, MForensMed (Bardon, QL, Australia)

### Social Paediatric Aspects of Abusive Head Trauma,

**Analysis of 68 Cases** T. Sieswerda-Hoogendoorn, MD (Meibergdreef, Amsterdam, The Netherlands)

R.A.C Bilo, MD (Amsterdam, The Netherlands)

B. Kubat, MD (Amsterdam, The Netherlands)

L. van Duurling, MD (Amsterdam, The Netherlands)

R. R. van Rijn, MD, PhD (Amsterdam, The Netherlands)

### Violent Shaking Causes Significant Intracranial Brain Motion: A Biomechanical Study Using a Realistically Shaped Physical Model

Yusuke Miyazaki, PhD (Kakakuma, Ishikawa, Japan)

Mami Yamasaki (Kakakuma, Ishikawa, Japan)

Hirotaro Iwase (Kakakuma, Ishikawa, Japan)

Yoshifumi Nishida (Kakakuma, Ishikawa, Japan)

Tatsuhiro Yamanaka (Kakakuma, Ishikawa, Japan)

### Estimating the Probability of Abusive Head Trauma: A Pooled Analysis

Sabine Maguire, MBBCh, MCRPA, FRCPCH (Cardiff, Wales, UK) Alison M. Kemp, Professor (Cardiff, Wales, UK)

### Abusive and Accidental Head Crushing: Distinctive Clinical Findings

John E. Wright, MD, FAAP (Wilton Manors, FL, USA)

### 3:20PM-4:20PM AFTERNOON CONCURRENT WORKSHOPS

Ballroom AC

### Abusive Head Trauma and the Economy: Data from an Ongoing **Multi-Center Analysis**

Rachel Berger, MD, MPH (Pittsburgh, PA, USA) Kathi Makoroff, MD (Cincinnati, OH, USA) Kenneth Feldman, MD (Seattle, WA, USA) Megan McGraw, MD (Columbus, OH, USA)

Thomas Paine

### Social and Medical Outcomes in AHT Cases -Just How Bad are they and How do they Interact?

Amanda Stephens, MBBS, PhD (Marrickville, NSW, Australia)

#### Crispus Attucks How Law Enforcement Can Successfully Investigate AHT

William Terry Crews, Detective Sergeant (Gainesville, FL, USA) Drew Moore, Detective (Gainesville, FL, USA)

### The Ethics of Child Abuse Testimony

Jamie Downs, MD (Savannah, GA, USA) Rachelle L. Carnesdale, JD (Savannah, GA, USA)

### 3:20PM-4:20PM CONT'D

William Dawes

Molly Pitcher

Ballroom BC

Haym Saloman

### What can be Learned about AHT from National Databases?

John Leventhal, MD, FAAP (New Haven, CT, USA)

### What Role Should Confessions Play in Diagnosing Abusive Head Trauma?

Keith Findley, Clinical Professor of Law (Madison, WI, USA) Carrie Sperling, Assoc. Clinical Professor of Law (Tempe, AZ, USA) Dawn McQuiston, Associate Professor (Tempe, AZ, USA)

## Successfully Implementing a School Based Prevention Program in Your Community

Amy Scanlon, MA (Tacoma, WA, USA) Bradley Graham, Detective (Tacoma, WA, USA)



## poster presentations

# **sunday** 9/30

BALLROOM D

### Clinical Features of Children with AHT and ALTE upon Presentation to a Children's Hospital

Donna Mendez, MD (Houston, TX, USA) Rohit Shenoi (Houston, TX, USA) Michael Distefano (Houston, TX, USA) A Chantal Caviness (Houston, TX, USA)

### Retinal Hemorrhage and Pediatric Brain Injury Patterns on Diffusion-Weighted MRI

Gil Binenbaum, MD, MSCE (Philadelphia, PA, USA) Brian J Forbes, MD, PhD (Wallingford, PA, USA)

## Incidence and Patterns of Retinal Hemorrhage Associated with Increased Intracranial Pressure in Children

Gil Binenbaum, MD, MSCE (Philadelphia, PA, USA) Brian J Forbes, MD, PhD (Wallingford, PA, USA)

### Is Head Banging a Plausible Explanation for SDH? A Case Presentation

Laurel Chauvin-Kimoff, MDCM, RCPS(C), FAAP (Montreal, Quebec, CA)

## A Review of Children Referred to the Victorian Forensic Paediatric Medical Service (VFPMS) with Head injuries Due to Suspected Abuse

Ciara Earley, MB, BCH, BAO (Elwood, Victoria, AU)

### Why and How FASD Impacts Child Abuse and Shaken Baby Issues

Jerrod Brown, (Sartell, MN, USA)

### Hospital Staff Evaluation of a Shaken Baby Syndrome Prevention Training Program

Maryalice Nocera, RN, MSN (Chapel Hill, NC, USA) Meghan Shanahan MPH (Chapel Hill, NC, USA) Kelly Sullivan, PhD (Durham, NC, USA)

### The Shaken Baby Syndrome: What Kindergardens Know About It

Annie Stipanicic, Ph.D. (CEIDEF-UQTR, Quebec, Canada) Josee Boisvert (CLIPP, Montreal, Quebec, Canada) Veronique Couture (UQTR, Quebec, Canada)

## What influence do differing domestic surfaces have on head injury outcome, when an infant's head strikes at an angle?

Jonathon Hughes, BEng (Cardiff, Wales, UK)

## general information

### HOUSEKEEPING ITEMS

Please turn off all cell phones, pagers and phone email systems during the conference sessions so as to not disturb the presenters or the other attendees. Emergency messages will be posted at the registration desk. Please direct home/office messages to your hotel room.

You will receive a name badge upon arrival at the conference. You will be required to wear your name badge at all times. If you do not have at on, you will not be allowed to enter sessions and you will be asked to retrieve it. We cannot print additional name tags for you.

### EVALUATIONS

The conference evaluation tool is hosted online through Survey Monkey. Please visit <a href="http://www.surveymonkey.com/s/SBSAHTConferenceEval">http://www.surveymonkey.com/s/SBSAHTConferenceEval</a>. We appreciate your thoughts and input as the evaluations are reviewed and considered carefully in the planning of future meetings. If applying for AMA PRA Category 1 Credits™, you fill out an evaluation form before your certificate of attendance is sent.

### CONFERENCE ASSISTANCE

If at any time you need assistance while attending the conference, please visit our registration desk. Conference staff, identified by their yellow colored badges, are available to assist you.

### PROGRAM CHANGES

All changes to the program will be posted on the screen at the registration desk.

### INTERNET ACCESS

Attendees staying the Hyatt Regency Cambridge will be able to access free internet in their rooms and hotel lobby but not in the pre-function or ballroom spaces. You will be provided the log-in information upon check-in at the Hyatt Regency registration desk.

### CONFERENCE CODE OF CONDUCT

It is a crime to record any conversation, whether oral or wire, without the consent of all parties in Massachusetts. The penalty for violating the law is a fine of up to \$10,000 and a jail sentence of up to five years. Mass. Ann. Laws ch. 272, § 99.

Disclosure of the contents of an illegally recorded conversation, when accompanied by the knowledge that it was obtained illegally, is a misdemeanor that can be punished with a fine of up to \$5,000 and imprisonment for up to two years. Civil damages are expressly authorized for the greater of actual damages, \$100 for each day of violation or \$1,000. Punitive damages and attorney fees also are recoverable.

You received a copy of the code of conduct in your folder. Please review this in detail.

### DINING

Lunch breaks will be 1 hour and 30 minutes each day. The Hyatt Regency Cambridge is home to the delicious Zephyr on the Charles Restaurant. This eatery has a wide variety of menu items along with a speed lunch menu with some items at a reduced price for conference attendees. Kiosks will also be provided for conference attendees to purchase breakfast and/or lunch on the go.

The Hyatt Regency Cambridge also provides a complimentary shuttle service to select Cambridge destinations. There are several dining options within a five minute shuttle or taxi ride. Complimentary coffee and tea along with a snack item will be offered at the morning and afternoon break time each day of the conference.

## special events

### NETWORKING RECEPTION

### SUN 9/30 5:00PM

### **CHARLES VIEW BALLROOM**

Please join us for this year's conference celebration after the last breakout session of the day. This reception provides a great opportunity to network and collaborate with fellow attendees in a relaxed and casual setting. Participants will enjoy complimentary hors d'oeurves and a cash bar in the beautiful Charles View Room. This room located on the top floor of the hotel and offers a spectacular view of the Boston Skyline and the Charles River. Please take the elevator to the sixteenth floor and turn to your left. It is the only ballroom on this floor.

### NO HOST LUNCHEON PRESENTATION

SAT 9/29 12:20-1:20PM

PRESIDENT'S BALLBOOM

### Pre-order Box Lunch Option

In order to ensure you will not miss this outstanding presentation, we pre-sold boxed lunches. These lunches can be picked up at the back of the presentation ballroom. You received a pre-paid ticket in your name tag. You must present this ticket to receive your meal. Lost tickets cannot be replaced or refunded. You will not be able to order the boxed lunch onsite but you will able to purchase something from the kiosk. Please note, lines may be long and availability is limited.

A Daubert Analysis of Abusive Head Trauma (AHT)/ Shaken Baby Syndrome (SBS) Sandeep Narang, MD, JD, FAAP (San Antonio, TX, USA)

The scientific literature concerning the diagnosis of physical child abuse has developed over nearly a half century and a few articles in the last two decades have challenged the science for diagnosing AHT/SBS. These challenges, by a small number of physicians, have been used in law review commentary arguing that there is insufficient science to support convictions for AHT/SBS.

Dr. Narang, who is a physician and a lawyer, will review the medical and legal issues surrounding AHT/SBS and will summarize current case law-related to expert testimony on AHT, perform a detailed analysis of the current medical articles on AHT/SBS, with a particular focus on the best recent research, and then conclude with a Daubert analysis of current evidence-based medicine surrounding AHT/SBS.

### CHILDREN'S HOSPITAL NETWORKING LUNCHEON

Hosted by the Children's Hospital Association SUN 9/30 12:30-1:30PM

**CHARLES VIEW BALLROOM** 

Get a first look at results of the 2012 Children's Hospitals Child Abuse Services Survey. The findings of the 2012 survey are the first since the certification of the first cohort of child abuse pediatricians and analyze trends in caseload, staffing, budgets and education.

There is no fee, however pre-registration is requested. Registration is restricted to Children's Hospital Association member hospitals. Use the check-off box on the registration form to indicate you will be joining us.

PUBLIC HEALTH AGENCY OF CANADA INTERACTIVE SESSION ON THE NATIONAL STRATEGY ON SHAKEN BABY SYNDROME

No Host - Luncheon Meeting SUN 9/30 12:50-1:30PM

EMPRESS BALLROOM

## services for families

### FAMILY RECEPTION

### Sponsored by The Matty Eappen Foundation

### SAT 9/29 5:00-7:00PM

### **CHARLES VIEW BALLROOM**

When a child is injured or dies as a result of shaking, the families and friends experience a tremendous amount of grief and often have a desire to learn more about SBS/AHT. This conference provides this opportunity. Many families have also found the conference helps to connect them with others and can provide a network for support. We would like to invite all of these family members to attend a gathering in honor of the children and families affected by SBS/AHT. This reception is open to all conference participants. A light dinner will be served.

We recognize that families and caregivers of victims of SBS/AHT may need additional support and services during their stay in Cambridge/Boston, Massachusetts. We will make every effort to ensure your needs are met during your stay.

### PRE-CONFERENCE NETWORKING

### FRI 9/28 4:00-5:30 PM

### **CRISPUS ATTUCKS**

Navigating the International Conference on SBS/AHT for the first time can be difficult. It can be hard to decide which sessions to attend and how to process all the information learned. The National Center on Shaken Baby Syndrome will host a pre-conference meeting to help with some of these questions and concerns. This casual open forum will also be attended by families of victims that have attended conferences in the past. This is a great opportunity to network before the conference even starts.



## conference education info

### CONFERENCE EDUCATIONAL OBJECTIVES

At the conclusion of this conference, participants should be able to:

- 1. Discuss the latest diagnostic measures used to identify suspected cases of AHT.
- 2. Provide improved follow up care to patients with injuries associated with AHT.
- 3. Apply strategies used by hospital and community based prevention programs toward prevention initiatives in their own service area.
- Describe policies set forth by professional organizations such as the American Academy
  of Pediatrics, and National Association of Medical Examiners and others regarding AHT
  recognition, evaluation, consult and diagnosis.

### CONTINUING EDUCATION FOR PHYSICIANS

<u>CME Accreditation</u>: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Warren Alpert Medical School of Brown University and the National Center on Shaken Baby Syndrome. The Warren Alpert Medical School is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation: The Warren Alpert Medical School of Brown University designates this live activity for a maximum of 20.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



In order to receive credit, physicians must visit the Continuing Education desk each morning and sign the designated sign-in sheet. If a day is missed, you will not receive any credit for sessions attended that day. Eligible sessions have been listed out on the CME Credit Claim Form. Your attended sessions will be tracked on this document to be signed and mailed to the Brown CME office within 30 days. Your certificate of attendance will be mailed to you.

### NASW CONTINUING EDUCATION HOURS

This program is approved by the National Association of Social Workers (Approval #886545124-2510) for 20.5 Social Work continuing education contact hours. Participants should only claim credit commensurate with the extent of their participation in the conference.

Participants wishing to receive these credits must sign-in and sign-out at the completion of each session. Each attendance log can be found at the back of each breakout room. Upon the completion of the conference you may collect your certificate of attendance at the registration desk.

## planning committee

Marilyn Barr, Conference Director

Danielle Vázquez, Conference Coordinator

Chris Brozek, Conference Assistant

Randall Alexander, MD, PhD, FAAP, Division of Child Protection and Forensic Pediatrics (Jacksonville, FL)

Ronald Barr, MDCM, FRCPC, Centre for Community Child Health Research (Vancouver, BC)

**Robert Block**, MD, FAAP, Professor and Chair of the Department of Pediatrics at the University of Oklahoma School of Community Medicine (Tulsa, OK)

Mary Case, MD, Chief Medical Examiner (St. Louis, MO)

David Chadwick, MD, Childrens Hospital (San Diego, CA)

Tom Fallon, JD, Assistant District Attorney Dane County (Madison, WI, USA)

Lori Frasier, MD, FAAP, Primary Children's Medical Center (Salt Lake City, UT)

Judge Charles D Gill, CT Superior Court Judge (Litchfield, CT, USA)

Brian Holmgren, JD, Assistant District Attorney General (Nashville, TN)

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**Alex Levin**, MD, MHSc, FAAP, FRCSC, Chief, Pediatric Ophthalmology and Ocular Genetics, Wills Eye Institute (Philadelphia, PA)

**John Leventhal**, MD, FAAP, Professor and Medical Director, Child Abuse Programs, Yale University (New Haven, CT)

Dawn Mount, BA, Prevent Shaken Baby Syndrome BC (Vancouver, BC, CA)

**Phil Wheeler**, Retired Uniformed and Detective Officer in London's Metropolitan Police DCI (London, UK)

Amy Wicks, National Center on Shaken Baby Syndrome (Ogden, UT, USA)

Claire Yambao, BA, Prevent Shaken Baby Syndrome BC (Vancouver, BC, CA)

Office of Continuing Medical Education, Warren Alpert Medical School of Brown University (Providence, RI)

### NCSBS STAFF

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Ryan Steinbeigle - Development Director

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Jamie Justice - International Program Coordinator

Danielle Vázquez - Marketing Specialist / Conference Coordinator

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Lisa Pierce - Financial Controller

Teresa Rady - Assistant Financial Controller

Chris Brozek - Distribution Coordinator

Kimberly Buck - Utah Program Coordinator, Development Associate

Adam Miconi - Graphic Designer / Tech Associate

## boston activities

### BOSTON ACTIVITIES

Boston is a wonderful blend of stylish sophistication and historic New England charm. You can easily uncover the city's past while enjoying its distinctively modern edge.

Year-round Boston's calendar is brimming with activities for everyone, from musical and theatrical performances, walking or trolley tours, window shopping, and festivals of food and wine. There's history to be enjoyed as well as the freshest local seafood. If you are a sports fanatic, make time to visit famous Fenway Park. A walk through the Public Garden is simply delightful in the fall time. Boston Harbor offers a multitude of activities from whale watches out on the ocean to people-watching along the new HarborWalk. Visit www.bostonusa.com for more information or visit the registration desk for brochures, maps or more detailed information.

### TRAVEL INFORMATION

The Hyatt Regency offers complimentary shuttle service to select Cambridge and Boston destinations for conference guests. The hotel shuttle service is offered in a 6-person passenger mini van. If additional arrangement are required (accessible transportation), please see a Guest Care Associate. There are also several taxi services that will pick up from the hotel. You can arrange pick up times with a Guest Care Associate as well.

The Massachusetts Bay Transportation Authority (MBTA) offers public transportation throughout Cambridge and Boston. For more travel details, please pick up a travel information sheet at the front desk.



## conference faculty

Adamsbaum, Catherine, MD, Paris Descartes University (Paris, France)

Al Eissa, Majid, MD, The National Family Safety Program (Riyadh, Saudi Arabia)

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Rector, Kristen, LAPSW, Prevent Child Abuse Tennessee (Nashville, TN, USA)

Reynolds, Jessica, Healthy Start of Hillsborough County (Tampa, FL, USA)

Ricci, Lawrence, MD, Maine Medical Center (Portland, ME, USA)

Ritterbeck, David (Caldwell, OH, USA)

Rivette, Char, Executive Director, Chicago Children's Advocacy Center (Chicago, IL, USA)

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## conference faculty

## continued

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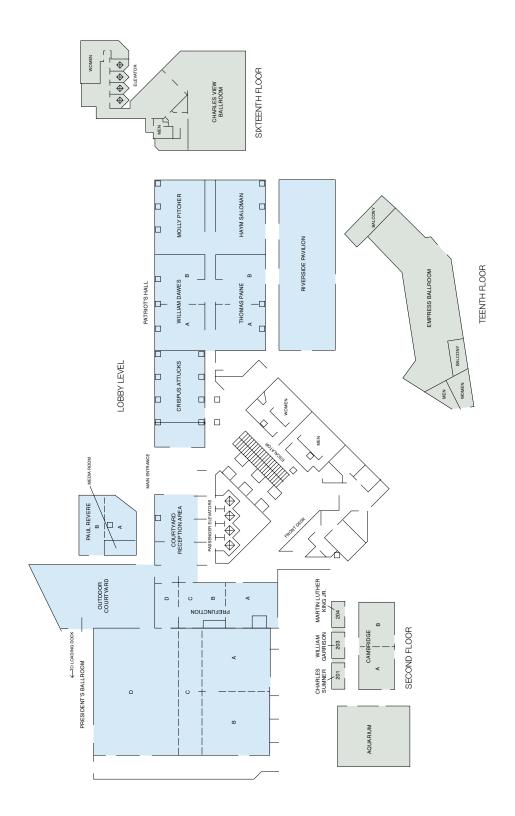
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