

## APPENDIX A

### Timeline of Key Research Challenging Shaking

#### 1987

- AC Duhaime et al., *The Shaken Baby Syndrome: A Clinical, Pathological and Biomechanical Study*, 66 J. Neurosurgery 409 (1987). Biomechanical research suggests shaking is an unlikely cause of brain injury but it is largely ignored by child abuse community.

#### 1998

- MG Gilliland, *Interval Duration Between Injury and Severe Symptoms in Nonaccidental Head Trauma in Infants and Young Children*, 43 J. Forensic Sci. 723 (1998).

#### 2001

- J.F. Geddes et al., *Neuropathology of Inflicted Head Injury in Children I: Patterns of Brain Damage*, 124 Brain 1290 (2001).
- J.F. Geddes et al., *Neuropathology of Inflicted Head Injury in Children II: Microscopic Brain Injury in Infants*, 124 Brain 1299 (2001).
- J. Plunkett, *Fatal Pediatric Head Injuries Caused by Short Distance Falls*, 22 Am. J. Forensic Med. & Pathology 1 (2001). Case analysis of 18 short fall head injury deaths, concluding that falls less than three feet can result in fatal head injuries in children.

#### **2002- Jeffrey Havard's Trial**

#### 2002

- R. Uscinski, *Shaken Baby Syndrome: Fundamental Questions*, 16 Brit. J. Neurosurgery 217 (2002).
- AK Ommaya et al., *Biomechanics and Neuropathology of Adult and Pediatric Head Injury*, 16 Brit. J. Neurosurgery 220 (2002).

#### 2003

- CZ Cory & BM Jones, *Can Shaking Alone Cause Fatal Brain Injury? A Biomechanical Assessment of the Duhaime Shaken Baby Syndrome Model*, 43 Med., Sci. & L. 317 (2003).
- M. Donohoe, *Evidence-Based Medicine and Shaken Baby Syndrome, Part I: Literature Review, 1966-1998*, 24 Am. J. Forensic Med. & Pathology 239 (2003).
- MT Prange et al., *Anthropomorphic Simulation of Falls, Shakes and Inflicted Impacts in Infants*, 99 J. Neurosurgery 143 (2003).

#### 2004

- MT Prange et al., *Mechanical Properties and Anthropometry of the Human Infant Head*, 48 Stapp Car Crash J. 279 (2004).
- W. Goldsmith & J. Plunkett, *A Biomechanical Analysis of the Causes of Traumatic Brain Injury in Infants and Children*, 25 Am. J. Forensic Med. & Pathology 89 (2004).

#### 2005

- FA Bandak, *Shaken Baby Syndrome: A Biomechanics Analysis of Injury Mechanisms*, 151 *Forensic Sci. Int'l* 71 (2005). shaking would cause neck injury

## 2006

- RH Uscinski, *Shaken Baby Syndrome: An Odyssey*, 46 *Neurologia Medico-Chirurgica* (Tokyo) 57 (2006).
- Andrew Sirotnak, *Medical Disorders that Mimic Abusive Head Trauma*, in **ABUSIVE HEAD TRAUMA IN INFANTS AND CHILDREN: A MEDICAL, LEGAL, AND FORENSIC REFERENCE 191** (Frasier et al. eds., 2006)

## 2007

- PD Barnes & M Krasnokutsky, *Imaging of the Central Nervous System in Suspected or Alleged Nonaccidental Injury, Including the Mimics*, 18 *Topics Magnetic Resonance Imaging* 53 (2007). list of other causes that mimic triad
- Gena Molly, *Shaken Baby Syndrome: Medical Uncertainty Casts Doubt on Convictions*, 2007 *Wis. L. Rev.* 701 (2007).
- P. Steinbok et al., *Early Hypodensity on Computed Tomographic Scan of the Brain in an Accidental Pediatric Head Injury*, 60 *Neurosurgery* 689 (2007).
- HB Gardner, *A Witnessed Short Fall Mimicking Presumed Shaken Baby Syndrome (Inflicted Childhood Neurotrauma)*, 43 *Pediatric Neurosurgery* 433 (2007).

## 2008

- PD Barnes et al., *Traumatic Spinal Cord Injury: Accidental Versus Non-accidental Injury*, 15 *Seminars in Pediatric Neurology* 178 (2008).
- The Honorable Stephen T. Goudge, **INQUIRY INTO PEDIATRIC FORENSIC PATHOLOGY IN ONTARIO (2008)**.

## 2009

- DG Talbert, *Shaken Baby Syndrome: Does it Exist?*, 72 *Med. Hypotheses* 131 (2009).
- Deborah Tuerkheimer, *The Next Innocence Project: Shaken Baby Syndrome and the Criminal Courts*, 87 *Wash. U.L.R.* 1 (2009).

## 2010

- Edward J. Imwinkelried, *Shaken Baby Syndrome: A Genuine Battle of the Scientific (And Non-Scientific.) Experts*, 46 *Crim. L. Bull.* 156 (2010).
- R. Miller & M. Miller, *Overrepresentation of Males in Traumatic Brain Injury of Infancy and in Infants with Macrocephaly: Further Evidence that Questions the Existence of the Shaken Baby Syndrome*, 31 *Am. J. Forensic Med. & Pathology* 165 (2010).

## 2011

- Ministry of the Attorney General, **COMMITTEE REPORT TO THE ATTORNEY GENERAL: SHAKEN BABY DEATH REVIEW, (2011)**.
- SC Gabaeff, *Challenging the Pathophysiologic Connection Between Subdural Hematoma, Retinal Hemorrhage and Shaken Baby Syndrome*, 12 *W. J. Emergency Med.* 535 (2011). Findings of subdural hematomas and retinal hemorrhage have been used as diagnostic of SBS but these have many other causes and shaking would cause neck injury.

- John Lloyd et al., *Biomechanical Evaluation of Head Kinematics During Infant Shaking Versus Pediatric Activities of Daily Living*, 2 J. Forensic Biomechanics 1 (2011).
- Waney Squier, *The “Shaken Baby” Syndrome: Pathology and Mechanisms*, Acta Neuropathologica 1 (Sept. 24, 2011).

## 2012

- Michael Pollanen, *Forensic Pathology and the Miscarriage of Justice*, 9 Forensic Sci. Med. & Pathology 285 (2012).
- Keith A. Findley, *Examining Shaken Baby Syndrome Convictions in Light of New Medical Scientific Research*, 37 Okla. City U. L. Rev. 219 (2012).
- Keith A. Findley et al., *Shaken Baby Syndrome, Abusive Head Trauma, and Actual Innocence: Getting It Right*, 12 Hous. J. Health L. & Pol’y 209 (2012).
- N.A. Guthkelch, *Problems of Infant Retino-Dural Hemorrhage with Minimal External Injury*, 12 Hous. J. Health L. & Pol’y 201 (2012).
- JW Finnie et al., *Neuropathological Changes in a Lamb Model of Non-accidental Head Injury (the Shaken Baby Syndrome)*, 19 J. Clinical Neuroscience 1159 (2012).

## 2014

- Deborah Tuerkheimer, **FLAWED CONVICTIONS: “SHAKEN BABY SYNDROME” AND THE INERTIA OF INJUSTICE, (2014).**

## 2016

- Swedish Agency for Health Technology Assessment and Assessment of Social Services (SBU), **TRAUMATIC SHAKING – THE ROLE OF THE TRIAD IN MEDICAL INVESTIGATIONS OF SUSPECTED TRAUMATIC SHAKING: A SYSTEMATIC REVIEW, (2016).**