

UNIVERSITY OF PENNSYLVANIA SCHOOL OF MEDICINE

Curriculum Vitae

July, 2009

Cindy W. Christian, M.D.

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Rydal, PA 19046

Office Address: The Children's Hospital of Philadelphia
34th Street and Civic Center Blvd.
Room 2416
Philadelphia, PA 19104

Education:
1977-1981 B.S. Bucknell University (Animal Behavior)
1981-1985 M.D. Albany Medical College

Postgraduate Training and Fellowship Appointments:
1985-1986 Intern in Pediatrics, The Children's Hospital of Philadelphia, Philadelphia, PA
1986-1988 Resident in Pediatrics, The Children's Hospital of Philadelphia, Philadelphia, PA
1988-1989 Fellowship, Child Abuse and Neglect, The Children's Hospital of Philadelphia, Philadelphia, PA

Faculty Appointments:
1991-1992 Clinical Associate in Pediatrics
University of Pennsylvania School of Medicine
1992-1994 Clinical Assistant Professor of Pediatrics – CHOP
University of Pennsylvania School of Medicine
1994-2003 Assistant Professor of Pediatrics – CHOP
University of Pennsylvania School of Medicine
2003- Associate Professor of Pediatrics – CHOP
University of Pennsylvania School of Medicine

Hospital and Administrative Appointments:
1988- Consulting Pediatrician, Supportive Adult Child Network, Philadelphia, PA
1988-1989 Staff Pediatrician, Children's Hospital Abington Memorial Pediatric Service, Abington

- 1989-1999 Assistant Physician, Department of Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA
- 1999- Associate Physician, Department of Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA
- 2001- Co-Director, The Field Center for Children's Policy, Practice and Research, University of Pennsylvania
- 2001- Co-Director, Safe Place: The Center for Child Protection and Health at The Children's Hospital of Philadelphia
- 2004- President, CHOP Alumni Association

Specialty Certification:

- 1989 American Board of Pediatrics

Licensure:

- Pennsylvania
- New York

Awards, Honors and Membership in Honorary Societies:

- 1985 Alpha Omega Alpha
- 1985 Cum laude, Albany Medical College
- 1985 Women's Medical Association Citation for Outstanding Academic Achievement
- 1985 R.J. Wharton Prize for Proficiency in Pediatrics
- 1992 Citation for excellence in clinical teaching, University of Pennsylvania School of Medicine Class of 1992
- 1996 Penn Pearls Teaching Award – University of Pennsylvania School of Medicine
- 1996 Bucknell University Class of 1981 Achievement Award
- 1997 Resident Division Teaching Award – General Pediatrics Ambulatory Teaching
- 1998 U.S. Department of Health and Human Services Commissioner's Award – Pennsylvania
- 1999 Department of Pediatrics Teaching Honor Roll
- 2000 Christian R. and Mary F. Lindback Award for Distinguished Teaching, University of Pennsylvania
- 2001 Department of Pediatrics Teaching Honor Roll
- 2001- Chair, The Children's Hospital of Philadelphia Prevention of Child Abuse and Neglect
- 2002 Department of Pediatrics Teaching Honor Roll
- 2002 Philadelphia Inquirer, Citizen Hero Editorial, 7/8/02
- 2003 Department of Pediatrics Teaching Honor Roll
- 2004 Ray E. Helfer Society Award for Outstanding Leadership
- 2005 Faculty Honor Roll, CHOP
- 2006 Faculty Honor Roll, CHOP
- 2007 Distinguished Advocate Award, The Support Center for Child Advocates, Philadelphia, PA

2007	Faculty Honor Roll, CHOP
2007	Pediatrician of the Year, Pennsylvania chapter of the American Academy of Pediatrics
2008	Faculty Honor Roll, CHOP
2009	Faculty Honor Roll, CHOP

Memberships in Professional and Scientific Societies:

Fellow, American Academy of Pediatrics
 Section Member, Child Abuse and Neglect, American Academy of Pediatrics
 (Member, Nominations Committee)
 Ambulatory Pediatric Association
 Chair, Child abuse Special Interest Group, 2002-
 Pennsylvania Governor's Community Partnership for Safe Children (Chair,
 Committee on Child Abuse and Neglect)
 Pennsylvania Attorney General's Medical/Legal Advisory Board on Child Abuse
 Multidisciplinary Team – Department of Human Services, Philadelphia, PA
 Law Enforcement Child Abuse Project of Philadelphia
 Pennsylvania Child Fatality Review Task Force
 Philadelphia Child Fatality Review Team
 Helfer Society 1999-
 – President 1999-2002
 National Institutes of Health NINDS Fogarty Pediatric Applications Review
 Committee, 2003
 Committee on Child Abuse and Neglect, American Academy of Pediatrics, 2006-
 Philadelphia Child Welfare Review Panel, 2007
 Philadelphia Child Welfare Community Oversight Board, 2008-
 Philadelphia Act 33 Review Team, 2009-

Editorial Positions:

1990- Reviewer, Pediatric Emergency Care
 1992-2003 Editor, Child Abuse: A critical review of recent literature
 Pediatric Emergency and Critical Care, Riverside Press
 2000- Reviewer, Pediatrics
 2000- Reviewer, Child Abuse and Neglect
 2002- Reviewer, Archives of Pediatric and Adolescent Medicine
 2003- Reviewer, The Journal of Pediatrics
 2003- Reviewer, Ambulatory Pediatrics
 2008- Reviewer, Annals of Emergency Medicine

Academic Committees at the University of Pennsylvania:

1994-2004 Member, Curriculum Committee
 1994-2000 Bridging the Gaps – Faculty Advisor
 1996 Member, Education Committee (CHOP)
 1996 Member, Review Committee for Psychiatry 200
 1996- Member, Physician Health Committee (CHOP)
 1996- Member, Trauma Committee (CHOP)

1997-	Member, Teaching Awards Selection Committee
1998	Member, Clinical Pathways Committee – UTIs (CHOP)
1998	Member, Faculty Compensation Committee (CHOP)
2000	Member, LCME Clinical Teaching Subcommittee
2000	Member, LCME Undergraduate Medical Education Subcommittee
2000-	Member, Graduate Medical Education Committee, CHOP
2003-2007	Steering Committee, Medical Faculty Senate (U of PA) Chair, Medical Faculty Senate Steering Committee, 2005-6
2004-	Member, COAP advisory committee on clinical performance
2004-	President, CHOP Alumni Organization
2005	Member, Faculty Satisfaction Survey Committee
2006- 2009	Member, Senate Committee on Faculty and the Administration
2007- 2009	Chair, Senate Committee on Faculty and the Administration
2006-2008	Member, LCME Steering Committee
2009-	Member, 21 st Century Scholars Selection Committee
2009-	Member, Finance Committee, Dept. of Pediatrics, CHOP

Major Teaching and Clinical Responsibilities for the University of Pennsylvania:

1. Director, Pediatrics 310, throughout the year
2. Medical Director, Child Abuse Services, CHOP (11 mo/yr)
3. Director, Pediatric Clerkship (Pediatrics 200) University of Pennsylvania School of Medicine (1992-2004)
4. Course Director, Medicine 101C (pediatric section) 1990-1998, University of Pennsylvania School of Medicine
5. CARE Clinic, CHOP two afternoons per week
6. Attending Physician, Resident Medical Clinic one afternoon per week (1989-2002)
7. Attending rounds, CHOP two-three months per year
8. Doctoring II course – Faculty (2000-2001)
9. Co-Director, The Medical/Legal Child Advocacy Clinic, (Law 649) University of Pennsylvania School of Law (2002-)
10. Doctoring Course – Faculty (2006-2008)
11. Pediatrics 307- Introduction to Pediatric Physical Examinations- Faculty
12. Learning Team Retreat for Incoming First Year Medical Students- Faculty (2006-)

Lectures by Invitation (past 5 years):

July 2003	“Child physical abuse”, Retinal hemorrhages” Child Fatalities APRI, Seattle, Washington The 5 Bs of child abuse” Masters Conference for advanced death investigation. St. Louis University, St. Louis, MO
August 2003	“Unusual manifestations of child abuse”, The 5 Bs of physical abuse”, Crimes against Children Conference, Dallas, TX
Sept 2003	“The 5 Bs of child abuse” Safe Shores: The D.C. Children’s Advocacy Center training on child abuse, Washington, DC

- Oct 2003 “The medical evaluation of child sexual abuse” Equal Justice APRI, Baltimore, MD
- Nov 2003 “Inflicted neurotrauma” Oklahoma DAC/ODAA workshop, Oklahoma City, OK
- Jan 2004 “New theories on the pathophysiology of inflicted head trauma” (with Lucy Rorke, MD) and “Peer review/quality assurance” (with Cindy Kuelbs, MD, Larry Ricci, MD) San Diego conference on child and family maltreatment, San Diego, CA
- March 2004 “Expert medical testimony in child abuse cases” Mississippi State Attorney General Meeting, Oxford, Mississippi
 “General Pediatrics; child abuse” PREP The Course, American Academy of Pediatrics, New Orleans, Louisiana
 “Child maltreatment” Texas Tech University and The Midland/Odessa Medical Society, Odessa, TX
- April 2004 “The truth, the whole truth and nothing but the truth: Forensic controversies in inflicted head trauma” Grand Rounds, Children’s Hospital of Orange County, Orange, California
- May 2004 “Sexual abuse in childhood and adolescence” Emory University/Jane Fonda Center, Atlanta, Georgia
 “The 4 Bs of Abuse” Texas District & County Attorneys Association, San Antonio, TX
 “Controversies in the evaluation of inflicted head trauma in infants and children” Grand Rounds, Dartmouth Medical Center, NH
- June 2004 “Child physical abuse” Child sexual abuse” Hawaii Hilo Medical Center, Hilo, Hawaii
- July 2004 “The 5 Bs of Child Abuse” “Retinal hemorrhages” Child Fatalities Conference, APRI, Chicago, IL
- August 2004 “Unusual manifestations of child abuse”, “The 5 Bs of physical abuse”, Crimes against Children Conference, Dallas, Texas
 “The medical evaluation of child abuse”. Equal Justice Training, National Center for Prosecution of Child Abuse, New Orleans, LA
- Jan 2005 “The Medical issues in child abuse”. Wyoming Investigators Meeting, Casper, Wyoming
- April 2005 “Challenges in the field of child protection” Grand Rounds, Columbia University, New York, NY
 “The medical investigation of child abuse” Investigating and prosecuting child abuse, APRI, Ford City, PA
- May, 2005 “Medical diagnosis in child abuse: Sexual abuse, physical abuse, head trauma” Improving investigation and prosecution of child abuse, Department of Criminal Justice Services, Charlottesville, VA
- June, 2005 “The truth, the whole truth and nothing but the truth” Grand Rounds, Cornell University, New York, NY
- June, 2005 “Understanding head trauma” “Unusual manifestations of child abuse” APSAC Colloquium, New Orleans LA

- June, 2005 “Retinal Hemorrhages” Medical evaluation of physically abused children” Investigation of Child Fatalities and Physical Abuse, APRI, Denver, CO
- August, 2005 The 5 Bs of child abuse. Equal Justice for Children, APRI, Portland, Oregon
- August, 2005 Advanced issues and controversies in the diagnosis of child abuse Crimes against children conference, Dallas, Texas
- August, 2005 “Medical challenges in the field of child protection” Barrett Lecture in Pediatrics, Southwestern Medical Center, Children’s Hospital of Dallas, Dallas, Texas
- September, 2005 “Evidence based medicine in General Pediatrics” American Austrian Foundation, Salzburg, Austria
- October, 2005 “Medical diagnosis in child abuse: Sexual abuse, physical abuse, head trauma” Improving investigation and prosecution of child abuse, Department of Criminal Justice Services, Williamsburg, VA
- November, 2005 “Challenges in the Field of Child Protection” Grand rounds, Children’s Mercy Hospital, Kansas City, MO
- November, 2005 Identifying accidental and non-accidental injuries to children. NCH Grenada & USA Partners workshop, St. George’s Grenada
- March, 2006 Daubert Challenges to “Shaken Baby Syndrome” The Terry-Carey American Inns of Court, Milford, DE
- March, 2006 Moderator, General Pediatrics: Preventative Pediatrics. Eastern Society of Pediatric Research Meeting, Greenwich, CT
- April, 2006 Visiting Professor- Child abuse and neglect, Medical Challenges in Child Protection, Grand rounds, Yale University, New Haven, CT
- April, 2006 Challenges in protecting maltreated children. Grand rounds, Children’s Hospital of New Jersey, Newark, New Jersey
- June, 2006 The Truth in Child Protection. Grand Rounds, University of Mississippi Medical Center, Jackson, MS
- Abdominal Injuries, Introduction to Head Trauma. Children’s Justice Center Training, Jackson, MS
- June, 2006 “The 5 Bs of Child Abuse” and “Retinal Hemorrhages” Investigation of Child Fatalities and Physical Abuse, APRI, San Antonio, Texas
- July, 2006 The medical evaluation of child abuse. Equal Justice for Children, APRI, Tampa, Florida
- August, 2006 The 5 Bs of Child Abuse and Advanced issues and controversies in the diagnosis of inflicted head injury. Crimes Against Children Conference, Dallas, Texas
- Sept, 2006 Neck injuries in victims of inflicted head trauma. Sixth North American Conference on Shaken Baby Syndrome, Park City, Utah
- Sept, 2006 What you need to know from the Doctor about child maltreatment. American Bar Association Conference on Child Maltreatment, Chambersburg, PA
- October, 2006 The medical evaluation of the sexually abused child. Annual Mid-Atlantic Conference on Child Abuse and Neglect, Ocean City, MD

October, 2006 Child Physical Abuse. Pennsylvania District Attorneys Association Fall Meeting, Gettysburg, PA

November, 2006 “Child Physical Abuse” “Child Sexual Abuse” “Inflicted Head Trauma” 14th Annual West Virginia Children’s Justice Task Force Conference, Charleston and Morgantown, West Virginia

November, 2006 “The Physician in the Courtroom” 57th Annual Meeting of the Puerto Rico Urological Association, San Juan, Puerto Rico

November, 2006 Child physical abuse, New York State Police Conference on Child Physical Abuse, Albany, New York

January, 2007 Medical education in child abuse. Child Abuse Recognition, research, and education translation (CARRET) conference, AAP, San Diego, CA

January, 2007 “Coagulopathy and head trauma” and “Neck injuries in child abuse” San Diego International Conference on Child and Family Maltreatment, San Diego, CA

April, 2007 “Challenges in the field of child maltreatment” Grand Rounds, The Children’s Hospital at Montifore, New York, New York

May, 2007 “Advance training in child sexual abuse” Mississippi Children Justice Center, Greenwood, MS

July, 2007 “What you need to know from the doctor about child abuse” Pennsylvania Conference of State Trial Judges, Hershey, PA

August, 2007 “The 5 Bs of Child Physical Abuse” Crimes Against Children Conference, Dallas, Texas

August, 2007 “The 5 Bs of Child Abuse” and “Retinal Hemorrhages” Investigation of Child Fatalities and Physical Abuse, APRI, Indianapolis, Indiana

October, 2007 The truth, the whole truth and nothing but the truth, Grand Rounds, Boston Medical Center, Boston, Mass

October, 2007 Medical evidence in child sexual abuse; Introduction to medical issues in abusive head trauma, Mid-Atlantic Conference on Child Abuse and Neglect, Towson, MD

April, 2008 The physician’s role in the evaluation and prevention of child abuse. Crawford County Child Abuse Seminar, Marengo, Indiana

May, 2008 Confronting challenges in the diagnosis of abusive head trauma, Charles Riley Endowed Lecture, York Hospital, York, PA

June, 2008 The medical role in the evaluation of child abuse. Equal Justice, APRI, Memphis, TN

June, 2008 Challenges in the field of child protection; Unusual manifestations of child abuse. Morris Green scholars visiting professorship, Riley Hospital for Children, Indiana University, Indianapolis, IN

August, 2008 The 5 Bs of child abuse. Crimes Against Children Conference, Dallas Police Department, Dallas, TX

September, 2008 The Medical approach to the evaluation of child abuse. PA Children and Youth Solicitor’s Association Child Abuse Summit, Hershey, PA

- October, 2008 “Challenges to the diagnosis of abusive head trauma” and
 “Dummies for Dummies: Biomechanics of abusive head trauma”
 Seventh North American Conference on Shaken Baby Syndrome,
 Vancouver, Canada
- October, 2008 “Child Physical Abuse” and “Abusive Head Trauma” Mid
 Atlantic Conference on Child Abuse and Neglect, Ocean City, MD
- November, 2008 “The 6 Bs of Child Abuse” New York State Police Conference
 on Child Physical Abuse, Albany, New York
- March, 2009 “Unusual manifestations of abuse” and “Abusive Head Trauma”
 Missouri Safe Care Conference, Jefferson City, MO
- April, 2009 “Controversies in Abusive Head Trauma” Hope and Healing
 Conference, Pittsburgh Child Advocacy Center, Pittsburgh, PA
- May, 2009 **Christian CW**, Ichord R, Manno C. “Common and not so common
 causes of bleeding in children: understanding how and when to
 worry about coagulopathies or child abuse. Invited symposium, PAS
 and alliance meetings, Baltimore, MD
- May, 2009 Abusive head trauma, Retinal hemorrhages. Equal Justice
 Conference, APRI, Denver CO
- June, 2009 “Manifestations of child physical abuse” and “Retinal hemorrhages”
 Investigation and Prosecution of Child Fatalities and Physical Abuse,
 APRI, National Harbor, Maryland
- June, 2009 The medical evaluation of child physical and sexual abuse, Otsego
 County Child Advocacy Center Conference, Oneonta, NY
- July, 2009 Abusive head trauma: clinical overview; Abusive head trauma:
 differential diagnosis; Abusive head trauma: case illustrations; Nose,
 mouth and throat injuries from child abuse. PREP: CAP; an
 intensive review and update of child abuse pediatrics; AAP,
 Portland, OR

Organizing Roles in Scientific Meetings:

- Sept 12-14, 1997 Child Abuse Physician Leadership Conference,
 Co-organizer, Philadelphia, PA
- July 7-8, 1998 2nd National Child Abuse Physician Leadership
 Conference, Co-organizer, Philadelphia, PA
- June 1-3, 1999 Helfer Society Meeting, Co-organizer, San Antonio, TX
- Sept 21-24, 2000 Helfer Society Meeting, President, Midway, Utah
- April 18-22, 2002 Helfer Society Meeting, President, Aspen, CO
- May 5, 2003 Child Abuse Special Interest Group (SIG), PAS meeting,
 Seattle, Washington
- May 1, 2004 Child Abuse SIG, PAS meeting, San Francisco, CA
- March 30, 2005 Moderator, Surgeon General’s workshop: Making
 prevention of child maltreatment a national priority.
 Bethesda, Maryland
- May 15, 2005 Child Abuse SIG, PAS meeting, Washington, DC
- April 30, 2006 Child Abuse SIG, PAS meeting, San Francisco, CA

May 5, 2007 Child Abuse SIG, PAS meeting, Toronto, CA
May 4, 2008 Child Abuse SIG, PAS meeting, Honolulu, Hawaii
May 3, 2009 Child Abuse SIG, PAS meeting, Baltimore, MD

Bibliography:

Research Publications, peer reviewed:

- Christian CW**, Pinto-Martin JA, McGowan KL. The management of prepubertal children with gonorrhoea. *Clinical Pediatrics* 1995;34:415-418.
- Duhaime AC, **Christian C**, Seidel T, Moss E. Long-term outcome in infants with the shaking-impact syndrome. *Pediatric Neurosurgery* 1996;24:292-298.
- Duhaime AC, **Christian C**, Armonda R, Hunter J, Hertle R. Disappearing subdural hematomas of infancy. *Pediatric Neurosurgery*, 1996;25:116-122.
- Christian CW**, Scribano P, Seidl T, Pinto-Martin JA. Pediatric injuries resulting from family violence. *Pediatrics*, 1997;99(2).
[URL:http://www.pediatrics.org/cgi/content/full/99/2/28](http://www.pediatrics.org/cgi/content/full/99/2/28).
- Christian CW**, Singer ML, Crawford JE, Durbin D. Perianal Herpes-Zoster presenting as suspected child abuse. *Pediatrics*, 1997;99(4):608-610.
- Duhaime AC, **Christian CW**, Rorke LB, Zimmerman RA. Nonaccidental head injury in infants: the shaken baby syndrome. *New England Journal of Medicine*, 1998;338:1822-9.
- Christian CW**, Lavelle JM, Bell LM. Preschoolers with syphilis. *Pediatrics*, 1999;103-44.
- Christian CW**, Taylor AA, Hertle RW, Duhaime AC. Retinal hemorrhages due to accidental household trauma. *J Pediatr*, 1999;135:125-7.
- Louie JP, Osterhadt KC, **Christian CW**. Brain abscess following delayed endoscopic removal of an initially asymptomatic esophageal coin. *Pediatric Emergency Care*, 2000;16:102-5.
- Christian CW**, Lavelle JM, De Jong AR, Loiselle J, Brenner L, Joffe M. Forensic evidence finding in prepubertal victims of sexual assault. *Pediatrics* 2000;106:100-4.
- Christian CW**. Child Abuse. *Trauma Reports* 2000;1:1-12.
- Giardino AP, Dubow SR, **Christian CW**, Johnson CF. Recognition of prepubertal female genital anatomy: a national survey of pediatric chief residents. *Pediatr Res*, 2000;47:5.
- Leventhal JM, Griffin D, Duncan K, Starling S, **Christian CW**, Kutz T. Laxative-induced burns to the buttocks incorrectly suspected to be child abuse. *Pediatrics*, 2001;107:178-80.
- Rubin D, McMillan C, Helfaer M, **Christian CW**. Pulmonary edema as a manifestation of child abuse. *Pediatrics* 2001;108:769-75.
- Ricci L, **Christian CW**, Reece R, Dubowitz H, Ludwig S. Report of the 1997 Child Abuse Physician Leadership Conference. *Child Maltreatment*, 2002;7:166-9.
- Lane WG, Rubin DM, Monteith R, **Christian CW**. Racial differences in the evaluation of pediatric fractures for child abuse. *JAMA*, 2002;288:1603-09.

- Rubin D, **Christian CW**, Bilaniuk LT, Zazyczny KA, Durbin D. Occult head injury in high-risk abused children. *Pediatrics*, 2003;111:1382-6.
- Bair-Merritt MH, Giardino A, Turner M, Ganetsky M, **Christian CW**. Pediatric Residency Training on Domestic Violence: A National Survey. *Ambulatory Pediatrics*, 2004;4:24-7.
- Forbes BJ, **Christian CW**, Judkins AR, Kryston K. Inflicted childhood neurotrauma (shaken baby syndrome): Ophthalmic findings. *J Pediatr Ophthalmol & Strabismus*, 2004;41:1-8.
- Forbes BJ, **Christian CW**, Judkins AR, Saveri M. Inflicted childhood neurotrauma (The shaken baby syndrome): Ophthalmic findings. [Ophthalmic Hyperguide Web site]. July 2004.
- Dubow SR, Giardino AP, **Christian CW**, Johnson CF. Do Pediatric Chief Residents Recognize Details of Prepubertal Female Genital Anatomy: A National Survey. *Child Abuse and Negl*, 2005;29:195-205.
- Arbogast KB, Margulies MS, **Christian CW**. Initial neurological presentation in young children sustaining inflicted and unintentional fatal head injuries. *Pediatrics* 2005; 116: 180-184.
- Friedlaender EY, Rubin DM, Alpern ER, Mandell DS, **Christian CW**, Alessandrini EA. Patterns of Health Care Use that May Identify Young Children At Risk for Maltreatment. *Pediatrics* 2005, 116: 1303-1308.
- Wood J, Rubin DM, Nance ML, **Christian CW**. Distinguishing Inflicted vs. Accidental Abdominal Injuries in Young Children. *J Trauma*, 2005;59:1203-8
- Greenbaum J, **Christian CW**. Asphyxiation in children. *Recent Advances in Paediatrics* 2006;23:93-112.
- Ichord R, Naim M, Pollock A, Nance ML, Margulies S, **Christian CW**. Hypoxic-ischemic injury complicates inflicted and accidental traumatic brain injury in young children: the role of diffusion weighted imaging. *J Neurotrauma* 2007;24:106-18.
- Forbes BJ, Cox M, **Christian CW**. Retinal hemorrhages in patients with epidural hematomas. *JAAPOS* 12(2):177-180, 2008
- Christian CW**. Professional Education in Child Abuse and Neglect. *Pediatrics*, doi: 10.1542/peds.2008-0715f
- Wood J, **Christian CW**, Adams C, Rubin DM. Skeletal Surveys in Infants with Isolated Skull Fractures. *Pediatrics* 2009;123:e247-52.
- Brennan L, Rubin, DM, **Christian, CW**, Duhaime, AC, Mirchandani HG, Rorke-Adams LB. Neck Injuries in Young Pediatric Homicide Victims. *J Neurosurg: Pediatrics* 2009; 3(3): 232-9
- Christian CW**, Block R, and the Committee on Child Abuse and Neglect. Abusive Head Trauma in Infant and Children. *Pediatrics* 2009;123:1409-11.
- Binenbaum G, Mirza-George N, **Christian CW**, Forbes BJ. Odds of abuse associated with retinal hemorrhages in children suspected of child abuse. *J AAPOS* 2009;13:268-72.
- Christian CW**. Timing the examination. *J Child Sexual Abuse*. In press.
- Kresnicka LS, Rubin DM, Downes KJ, Lavelle JM, Hodinka RL, McGowan KL, Grundmeier R, **Christian CW**. Practice variation in screening for

Sexually transmitted infections during prepubertal child sexual abuse evaluations. *J Pediatr Adoles Gynecol*. In press, 2009

Research Publications, non-peer reviewed:

- Christian CW** (Contributor), Tunnessen WW (Section Editor). Picture of the Month: Mayer-Rokitansky-Kuster-Hauser Syndrome: Congenital Agenesis of the Vagina, *AJDC*;146:1313-1314, 1992.
- Rosenberg NM, Singer J, Bolte R, **Christian C**, Selbst S. Controversies in pediatric emergency medicine: Retinal hemorrhage. *Pediatric Emergency Care*, 1994; 10(5):303-305.
- Christian CW**. Controversies in pediatric emergency medicine issues in child abuse. *Pediatr Emerg Care*. 1999 Apr;15:144-6.
- Ganetsky M, Giardino A, Grosz A, **Christian CW**. General pediatricians' approaches to screening for intimate partner violence in the pediatric setting. *APSAC Advisor*, Spring, 2006

Abstracts (past 3 years):

- Ibrahim NG, Christian CW, Margules SS: "Accidental Head Injury Patterns in Young Children" Presented at 2007 National Neurotrauma Society Conference, Kansas City, MO, 2006.
- Feldman A, Kaplan P, Peterman C, Campbell C, Ganesh J, Pyeritz R, **Christian CW**. Differentiation of Osteogenesis Imperfecta (OI) from child abuse in infants and children. *Pediatric Research*, 2006; PAS meeting, April 29, 2006
- Ichord R, Naim M, Pollock A, Nance M, Margulies S, **Christian CW**. Hypoxic ischemic injury in accidental and inflicted injury in infants and toddlers: the role of diffusion weighted imaging. *Helfer Society Meeting*, Asheville, North Carolina, November 15, 2006
- Kresnicka LS, Rubin DM, Downes KJ, Grundmeier R, Lavelle J, McGowan K, Hodinka R, **Christian CW**. Screening sexually abused children for STD's: have things changed in the era of nucleic acid amplification? *Helfer Society Meeting*, Asheville, North Carolina, November 15, 2006
- Binenbaum G, Forbes BJ, **Christian CW**, Reghupathi R, Judkins A, Rorke-Adams L, Margulies SS. An Animal Model to Study Retinal Hemorrhages in Non-impact Brain Injury. *American Association of Pediatric Ophthalmology and Strabismus Annual Meeting*, April, 2007
- Kresnicka LS, Rubin DM, Downes KJ, Grundmeier R, Lavelle J, McGowan K, Hodinka RL, **Christian CW**. Screening sexually abused children for STDs: Have things changed in the era of nucleic acid amplification? *PAS*, May, 2007 Totonto, CA
- Ince E, Rubin DM, **Christian CW**. Parental perceptions of hospital care in young, injured children. *PAS*, May 2008, Honolulu, HA
- Wood JN, Adams CM, **Christian CW**, Rubin DM. Utility of skeletal survey in evaluation of infants with uncomplicated skull fractures. *PAS*, May 2008, Honolulu, HA
- Rubin DM, Pati S, Luan X, Localio R, **Christian CW**. Evaluating the

- effectiveness of large prevention programs: A case study of the nurse family partnership in Pennsylvania. PAS, May 2008, Honolulu, HA
- Binenbaum G, Forbes BJ, Mirza-George N, **Christian CW**. Unbiased measurement of the association of retinal hemorrhages with abuse in children evaluated for abusive head trauma. Second International Conference on Pediatric Abusive Head Trauma, June 2009, Jackson, Wyoming
- Farrell C, Rubin DM, Downes K, Dormans J, **Christian CW**. Seeking medical care for young children with accidental fractures: when do we worry? PAS, May 2009, Baltimore, MD
- Ibrahim NG, **Christian CW**, Wood J, Margulies S. Head injuries from falls in young children. PAS, May 2009, Baltimore, MD

Editorials, Reviews, Chapters:

- Christian CW**. The Etiology and Prevention of Abuse: Societal Factors (Chapter 3) in Ludwig S and Kornberg A. (Eds.) Child Abuse and Neglect: A Medical Reference, Churchill Livingstone, New York, 1991, pp. 25-37.
- Christian CW**. The Etiology and Prevention of Abuse: Individual and Family Factors (Chapter 4) in Ludwig S and Kornberg A. (Eds.) Child Abuse and Neglect: A Medical Reference, Churchill Livingstone, New York, 1991, pp. 39-47.
- Ludwig S, **Christian CW**. Child Abuse in Burg FD, Inglefinger JR, Wald ER (Eds.) Current Pediatric Therapy #14. W.B. Saunders, Philadelphia, 1993, pp.43-46.
- Christian CW**. Evaluating straddle injuries -editorial comment, *Pediatric Emergency and Critical Care*, 1994;7:8.
- Christian CW**. Vaginal foreign bodies and sexual abuse –editorial comment, *Pediatric Emergency and Critical Care*, 1994;7:29-30.
- Christian CW**. Differentiating bathtub submersions –editorial comment, *Pediatric Emergency and Critical Care*, 1994;7:29-30.
- Christian CW**. Infant CPR isn't likely to cause rib fractures –editorial comment, *Pediatric Emergency and Critical Care*, 1994;7:37.
- Christian CW**. Avoiding allegations of sexual touching –editorial comment, *Pediatric Emergency and Critical Care*, 1994;7:45-6.
- Christian CW**. “Child Physical Abuse” in Schwartz W (Ed.) Clinical Handbook of Pediatrics. Williams and Wilkins, Baltimore, 1995, pp. 168-77.
- Christian CW**, Giardino A. “Child Sexual Abuse” in Schwartz W (Ed.) Clinical Handbook of Pediatrics. Williams and Wilkins, Baltimore, 1995, pp. 589-96.
- Christian CW**. “Hematologic Manifestations” in Levin A. and Sheridan M (eds.) Munchausen Syndrome by Proxy. Lexington Press, New York, 1995, pp. 129-141.
- Christian CW**. “Failure to thrive”, “Child abuse”, Sexual abuse”, “SIDS”. In Schwartz W (ed.) The 5-Minute Pediatric Consult. Williams and Wilkins, Baltimore 1996, pp. 36-7, 244-5, 748-9, 782-3.

- Christian CW.** Judging the age of bruises –editorial comment. *Pediatric Emergency and Critical Care*, 1996;9:12.
- Christian CW.** CPR doesn't often cause significant injury –editorial comment. *Pediatric Emergency and Critical Care*, 1996;9:30.
- Christian CW.** The hymen is often intact after abuse –editorial comment. *Pediatric Emergency and Critical Care*, 1996;9:33.
- Christian CW.** “Child Sexual Abuse” in Schwartz MW, Curry TA, Sargent AJ, Blum NJ, Fein JA (Eds.) Pediatric Primary Care. A Problem-Oriented Approach, 3rd Ed. Mosby, St. Louis, 1997, pp. 484-91.
- Christian CW,** Decker J. “The prepubertal genital examination” in Henreitg FM, King C (Eds.) Textbook of Pediatric Emergency Procedures. Williams and Wilkins, Baltimore, 1997, pp. 961-70.
- Giardino AP, **Christian CW.** “Vaginal foreign body removal”, “Adolescent pelvic examination” in Henreitg FM, King C (Eds.) The Textbook of Pediatric Emergency Procedures. Williams and Wilkins, Baltimore, 1997, p.971-4.
- Christian CW.** Humeral shaft fractures may not always be abuse –editorial comment. *Pediatric Emergency and Critical Care*, 1997;10:23-4.
- Christian CW.** Inflicted abdominal injury –editorial comment. *Pediatric Emergency and Critical Care*, 1997;10:37.
- Christian CW.** Male genital/rectal injury – when is it abuse? –editorial comment. *Pediatric Emergency and Critical Care*, 1998;11:17.
- Christian CW.** Disclosure, not symptoms, is essential to detecting abuse – editorial comment. *Pediatric Emergency and Critical Care*, 1998; 11:35-6.
- Christian CW.** “Child abuse and neglect” in Silver J, Amster B, Haecker T (Eds.) Young Children and Foster Care. Paul H. Brookes, Baltimore, 1999, pp. 195-212.
- Duhaime AC, **Christian CW.** “Non-Accidental Trauma” in Choux M, DiRocco E, Hockley T, Walker M (Eds.), Pediatric Neurosurgery, Churchill Livingstone, 1999, pp. 373-379.
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PAST GRANT SUPPORT

NAME: Cindy Christian, M.D.

DEPARTMENT: General Pediatrics

DATE: May 2005

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Pew Fund Comprehensive Follow-up services For abused and Neglected children	7/1/02-6/31/04	PG	Principal Investigator	2.5%	Pew Fund	\$57,190	
2. Pew Fund Comprehensive Follow-up services For abused and Neglected children	7/1/04-6/31/06	PG	Principal Investigator	2.5%	Pew Fund	\$57,190	
NIH Research Grant Biomechanics of Pediatric Head Injury	4/1/01-3/31/06	ROI	Co Principal Investigator	10%	NIH	\$95,295	
Interventions and Practice research Infrastructure Program	1/1/05-6/30/05	O	Sub contract	10%	PCCD	\$211,320	

PP NIH Program Project, Center or Core Grants
FG Federal Grants – Other (including other individual NIH grants
 And grants from VA, NSF, Dept. of Energy, etc.)

TG Training Grants
IG Industrial Grants (including pharmaceutical)
PG Private Foundation Grants (including internal Penn grants)
O Other

**For program projects, specify whether PI, co-leader or project leader. For center, core and training grants, similarly specify your role.
 ***Include any additional, brief information. For clinical trials, for example, specify if multicenter or single center and indicate role of Penn site. Explain any grants in I other category.

PENDING GRANT SUPPORT

NAME: Cindy Christian, M.D. DEPARTMENT: General Pediatrics DATE: May 2005

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
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*For **Grant Category**, use code in bold from the following menu:

ROI NIH ROI
PP NIH Program Project, Center or Core Grants
FG Federal Grants – Other (including other individual NIH grants
 And grants from VA, NSF, Dept. of Energy, etc.)

CT Clinical Trials
TG Training Grants
IG Industrial Grants (including pharmaceutical)
PG Private Foundation Grants (including internal Penn grants)
O Other

**For program projects, specify whether PI, co-leader or project leader. For center, core and training grants, similarly specify your role.

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