

CURRICULUM VITAE: Christina Stanley, M.D.

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PROFESSIONAL EXPERIENCE

- 2016-present **Commonwealth of Massachusetts, Office of the Chief Medical Examiner**
Medical Examiner (12/29/16-present)
- 2015-2016 **State of Connecticut, Office of the Chief Medical Examiner**
Associate Medical Examiner (October 2015-December 2016)
- 2011-2015 **Rhode Island Department of Health**
Chief Medical Examiner (October 2011-August 2015)
- 1997-2011 **County of San Diego, Medical Examiner's Office**
Chief Deputy Medical Examiner (2002-11) Acting Chief Medical Examiner (5/16/03-7/17/03)
Deputy Medical Examiner (1997-2002)
Neuropathology Consultant for Riverside County Coroner's Office (2010-2011)

EDUCATION AND TRAINING

- Undergraduate **Massachusetts Institute of Technology**
1981-5 Bachelor of Science in Life Sciences (June 1985)
Ragnar Naess Music Scholarship in Music Performance
- Professional **University of California, San Diego, School of Medicine**
1985-90 Doctor of Medicine (June 1990)
- Postgraduate **University of California, San Diego, Medical Center**
1990-4 Intern in Pathology (90-91), Resident in Anatomic and Clinical Pathology (91-94)
1994-6 Resident in Neuropathology
1996-7 **County of San Diego, Medical Examiner's Office**
Forensic Pathology Fellow

RESEARCH EXPERIENCE

- Summer 1986 **NIH Training Grant:** University of California, San Diego
"Construction of gene promoter for retroviral gene transfer."
- Summers 1983-5 **Chiron Corporation**, Emeryville, California
Research Intern, Virology Division
- Summer 1982 **University of California**, San Francisco, California
Research Assistant, Dept. of Biochemistry

MEDICAL LICENSURE AND BOARD CERTIFICATION

- Commonwealth of Massachusetts Medical License #269040 (2016-present)
State of California Medical License #G73823 (1992-present)
State of Connecticut Medical License #054634 (2015-present)
Rhode Island Medical License #MD13747 (2011-2016; inactive 2016-present)
Board Certifications by the American Board of Pathology:
Anatomic Pathology (1997), Forensic Pathology (1998) and Neuropathology (1999)

TEACHING APPOINTMENTS

Clinical Assistant Professor of Pathology, Brown University Warren Alpert Medical School 2012-2016
Site Director of Forensic Pathology resident training for Rhode Island, Hasbro and Women & Infants Hospitals 2011-2015
Associate Clinical Professor, Department of Pathology, UCSD School of Medicine 2002-2011
Site Director of Forensic Pathology resident training for UCSD and San Diego Navy Medical Centers 2002-2011
and Forensic Pathology Elective for UCSD 4th year medical students 2002-2011
Director of San Diego County Medical Examiner Fellowship Training Program 2002-2010

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

Fellow, National Association of Medical Examiners 2003-present
Chair, State of Rhode Island Child Death Review Team 2011-2015
Member, Rhode Island Drug Overdose Prevention and Rescue Coalition 2013-2015
Member, Sudden Infant Death Syndrome Advisory Council for the State of California 2002-2011
Member and Co-Chair, County of San Diego County Child Fatality Committee 1996-2011
Member, County of San Diego Domestic Violence Fatality Review Team 2001-2011
Member, County of San Diego Methamphetamine Strike Force 2001-2011
Member, County of San Diego Medical Audit Committee for the Trauma System 2002-2011
Member, San Diego SIDS/SUDC Research Project 2002-2011

PUBLICATIONS

Stanley C, Rosenberg MB and Friedmann T: Gene Transfer into Rat Airway Epithelial Cells Using Retroviral Vectors. *Somatic Cell and Molecular Genetics*, 17(2):185-190 (March 1991).

Stanley C, Wolf P and Haghghi P: Reed-Sternberg Cells in Sputum from a Patient with Hodgkin's Disease. *Acta Cytologica*, 37(1):90-92 (January 1993).

Boue DR, Stanley C, and Baergen RN: Placental pathology casebook. Long umbilical cord with torsion and diffuse chorionic surface vein thrombosis: multiple associated congenital abnormalities including destructive encephalopathy. *Journal of Perinatology*, 15(5):429-31 (September-October 1995).

Stanley C, Hansen L, Grafe M and Powell H: Sarcoplasmic Tubular Aggregates in Adults with Exercise Induced Myopathy and Cylindrical Spirals in Pediatric Metabolic Myopathy: Ultrastructural Findings in Five Cases. Poster presentation at the American Academy of Neuropathology Annual Meeting, San Antonio, Texas (June 1995).

Parker D, Martinez C, Stanley C, Simmons J and McIntyre: The Analysis of Methyl Salicylate and Salicylic Acid from Chinese Herbal Medicine Ingestion. *Journal of Analytical Toxicology*, 28(3):214-216 (April 2004).

Krous HF, Chadwick AE and Stanley C: Delayed infant death following catastrophic deterioration during breast-feeding: *Journal of Paediatric and Child Health*, 41(4):215-217 (April 2005).

Krous HF, Chadwick AE, Stanley C, Beckwith JB: Is SIDS associated with sleep?: A report of six cases demonstrating difficulty in this determination; *Forensic Science, Medicine and Pathology*, 1(3):179-85 (September 2005).

Vilke GM, Dolkas L., Stanley C, Smith AM and Chan TC: Evaluation of Deaths Associated with Choking; *Academic Emergency Medicine*, 12(5):S49 (May 2006).

Krous HF, Wixom C, Chadwick AE, Haas EA, Silva PD and Stanley C: Pulmonary intra-alveolar siderophages in SIDS and suffocation: a San Diego SIDS/SUDC Research Project report. *Pediatric and Developmental Pathology*, 9(2):103-114 (June 2006).

Krous HF, Haas EA, Manning JM, Deeds A, Silva PD, Chadwick AE and Stanley, C: Child Protective Services Referrals in Cases of Sudden Infant Death: A 10-Year, Population-Based Analysis in San Diego County, California. *Child Maltreatment*, 11(3):247-256 (August 2006).

Schwimmer JB, Deutsch R, Kahen T, Lavine JE, Stanley C and Behling C: Prevalence of fatty liver in children and adolescents. *Pediatrics*, 118(4):1388-93 (October 2006).

Dolkas L, Stanley C, Smith A and Vilke G: Deaths Associated with Choking in San Diego County. *Journal of Forensic Sciences*, 52(1):176-179 (January 2007).

Krous HF, Masoumi H, Haas EA, Chadwick AE, Stanley C and Thach BT: Aspiration of Gastric Contents in Sudden Infant Death Syndrome without Cardiopulmonary Resuscitation. *Journal of Pediatrics*, 150(3):241-6 (March 2007).

Krous HF, Haas EA, Masoumi H, Chadwick AE and Stanley C: A comparison of pulmonary intra-alveolar hemorrhage in cases of sudden infant death due to SIDS in a safe sleep environment or to suffocation. *Forensic Science International*, 172(1):56-62 (Epub Jan. 2007).

Krous HF, Chadwick AE, Haas EH and Stanley C: Pulmonary intra-alveolar hemorrhage in SIDS and suffocation. *Journal of Forensic and Legal Medicine*, 14(8):461-70 (Epub Jan. 2007).

Krous HF, Haas EA, Chadwick AE, Masoumi H, Stanley C, Perry GW: Hemoglobin F in sudden infant death syndrome; a San Diego SIDS/SUDC Research Project report. *Journal of Forensic and Legal Medicine*, 14(8):456-60 (Epub March 2007).

Masoumi H, Chadwick AE, Haas EA, Stanley C, Krous HF: Unclassified sudden infant death associated with pulmonary intra-alveolar hemosiderosis and hemorrhage. *Journal of Forensic and Legal Medicine*, 14(8):471-4 (Epub March 2007).

Krous HF, Chadwick AE, Haas E, Masoumi H, Stanley C: Sudden infant death while awake. *Forensic Science, Medicine & Pathology*, 4(1):40-6 (Epub September 2007).

Krous HF, Haas EA, Chadwick AE, Masoumi H, Mhoyan A, Stanley C: Delayed death in sudden infant death syndrome: A San Diego SIDS/SUDC Research Project 15-year population-based report. *Forensic Science International*, 176(2-3):209-16 (Epub November 2007).

Conroy C, Eastman AB, Stanley C, Vilke GM, Vaughan T, Hoyt DB, Pacyna S: Fatal positional asphyxia associated with rollover crashes. *American Journal of Forensic Medicine and Pathology*, 28(4):330-2 (December 2007).

Conroy C, Stanley C, Eastman AB, Vaughan T, Vilke GM, Hoyt DB, Pacyna S, Smith A: Asphyxia: A Rare Cause of Death for Motor Vehicle Crash Occupants. *American Journal of Forensic Medicine and Pathology*, 29(1): 14-18 (March 2008).

Krous HF, Haas EA, Chadwick AE, Masoumi H, Stanley C: Intrathoracic petechiae in SIDS: a retrospective population-based 15-year study. *Forensic Science Medicine & Pathology*, 4(4):234-9 (Epub September 2008).

Krous HF, Ferandos C, Masoumi H, Arnold J, Haas EA, Stanley C, Grossfeld PD: Myocardial inflammation, cellular death, and viral detection in sudden infant death caused by SIDS, suffocation, or myocarditis. *Pediatric Research*, 66(1):17-21 (July 2009).

Krous HF, Haas EA, Hampton CF, Chadwick AE, Stanley C, Langston C: Pulmonary arterial medial smooth muscle thickness in sudden infant death syndrome; an analysis of subsets of 73 cases. *Forensic Science, Medicine & Pathology*, 5(4):261-8 (Epub November 2009).

Fraga AM, Fraga GP, Stanley C, Costantini TW, Coimbra R: Children at danger: injury fatalities among children in San Diego County. *European Journal of Epidemiology*, 25:211-217 (Epub January 2010).

Duncan JR, Paterson DS, Hoffman JM, Mokler D, Borenstein NS, Belliveau RA, Krous HF, Haas EA, Stanley C, Nattie EE, Trachtenberg FL, Kinney HC: Brainstem Serotonergic Deficiency in Sudden Infant Death Syndrome. *Journal of the American Medical Association*, 303(5):430-437 (Epub February 2010).

Patterson DS, Rivera KD, Broadbelt KG, Trachtenberg FL, Belliveau RA, Holm IA, Haas EA, Stanley C, Krous HF, Kinney HC, Markianos K: Lack of association of the transporter polymorphism with the sudden infant death syndrome in the San Diego Dataset. *Pediatric Research*, 68(5);409-13 (November 2010).

Platt MS, Stanley C: TV Tip-Over Morbidity and Mortality in Children. *Journal of Forensic Science*, 56(5);1364-7 (Epub April 2011).

Broadbelt KG, Paterson DS, Belliveau RA, Trachtenberg FL, Haas EA, Stanley C, Krous HF, Kinney HC: Decreased GABA_A receptor binding in the medullary serotonergic system in the sudden infant death syndrome. *Journal of Neuropathology & Experimental Neurology*, 70(9):799-810 (September 2011).

Broadbelt KG, Rivera KD, Paterson DS, Duncan JR, Trachtenberg FL, Paulo JA, Stapels MD, Borenstein NS, Belliveau RA, Haas EA, Stanley C, Krous HF, Steen H, Kinney HC: Brainstem deficiency of the 14-3-3 regulator of serotonin synthesis: a proteomics analysis in the sudden infant death syndrome. *Molecular and Cellular Proteomics*, 11(1):M111.009530. DOI:10.1074/mcp.M111.009530. (Epub October 2011).

Trachtenberg FL, Haas EA, Kinney HC, Stanley C, Krous HF: Risk Factor Changes for Sudden Infant Death Syndrome After Initiation of Back-to-Sleep Campaign. *Pediatrics*, 129(4):630-8 (Epub March 2012).

Ogilvie L, Stanley C, Lewis L, Boyd M, Lozier MJ: Notes from the Field: Acetyl Fentanyl Overdose Fatalities-Rhode Island, March-May 2013. *MMWR Morbidity and Mortality Weekly Report* 2014, 62(34): 703-4 (August 30, 2013).

Oddleifson DA, Meersman SC, Stanley C, Viner-Brown S: Rhode Island child death review: motor vehicle accident deaths, 2008-2013. *Rhode Island Medical Journal*, 98(2):36-8. February 3, 2014.

Mercado-Crespo MC, Sumner SA, Spelke MB, Sugerman DE, Stanley, C: Notes from the Field: Increase in Fentanyl-Related Overdose Deaths - Rhode Island, November 2013-March 2014. *MMWR Morbidity and Mortality Weekly Report* 2014; 63(24): 531 (June 20, 2014).

Lozier MJ, Boyd M, Stanley C, Ogilvie L, King E, Martin C, Lewis L: Acetyl Fentanyl, a Novel Fentanyl Analog, Causes 14 Overdose Deaths in Rhode Island, March-May 2013. *Journal of Medical Toxicology*, 11(2); 208-17 (June 2015).

Mercado-Crespo MC, Sumner SA, Spelke MB, Sugerman DE, Bohm, MK, Stanley, C: Increase in Drug Overdose Deaths Involving Fentanyl-Rhode Island, January 2012-March 2014. *Pain Medicine*, 2017 pnx015. doi: 10.1093/pm/pnx015 (Epub March 6, 2017).

THESES

Stanley, C. Gene Amplification by Retroviral Infection. 7.16 Biotechnology II, Senior Research Project, Massachusetts Institute of Technology, 1985.

Stanley, C. Gene Transfer into Rat Airway Epithelial Cells Using Retroviral Vectors. University of California, San Diego, School of Medicine, 1990.

SELECT PRESENTATIONS

"Toxicology in Sudden Infant Death" San Diego County Sudden Infant Death Syndrome Research Conference, November 10, 1993 (San Diego, CA).

"Traumatic Vertebral Artery Laceration" American Society of Clinical Pathologists, Annual Meeting, October 16, 2000 (San Diego, CA).

"Forensic Pathology: Asphyxia" Scripps Hospital Grand Rounds, January 28, 2002 (Encinitas, CA).

“Investigation of Perioperative Deaths by the Medical Examiner” Scripps Mercy Hospital Forensics Workshop, June 15, 2002 (San Diego, CA).

“Forensic Evidence and the Paramedic” Palomar College Paramedic Course, July and November 2002, December 2003. (Escondido, CA) and for American Medical Response Training Program, June 2006 (San Diego, CA).

“Blunt Force Head Injuries and Intracranial Hemorrhage” Palomar Medical Center Trauma Grand Rounds, January 30, 2003 (Escondido, CA).

“The Diagnosis of Sudden Infant Death Syndrome” California SIDS County Coordinators/ Public Health Nurses Conference, May 1, 2003 (San Diego, CA).

Peterson G, Howard J, Stanley C and Zumwalt R: Quality Assurance in the NAME Inspection and Accreditation Process. Workshop presentation at the National Association of Medical Examiners 37th Annual Meeting, (Sept 2003) San Jose, CA,

“The Impact of the Sudden Infant Death Syndrome Diagnosis” Advanced Coroner Training, California State Coroners Meeting, September 24, 2003 (Santa Rosa, CA).

“Sudden Death in Young Adults: Unexpected Medical Findings” Scripps Memorial Hospital Grand Rounds, November 18, 2003 (La Jolla, CA).

“The Past, Present and Future Direction of SIDS Research: An Epidemiologic Approach” 24th Annual California State SIDS Program Conference, October 8, 2004 (Glendale, CA).

“Women and Methamphetamine: A Deadly Relationship”, San Diego County Board of Supervisors Conference, October 20, 2004 (San Diego, CA).

“Time that Injury” 19th Annual San Diego International Conference on Child and Family Maltreatment, January 28, 2005.

“The Importance of the Scene Investigation in the Evaluation of Sudden Infant Death” Advanced Coroner Training, California State Coroners Meeting, September 20, 2005 (Fresno, CA).

“Diagnosing SIDS-Present Day Protocols and Tomorrow’s Tools” 25th Annual California State SIDS Program Conference, October 26, 2005 (Sacramento, CA).

“The Job of the Medical Examiner: It’s a lot more than crime scene investigation (C.S.I.)” Forensics for Educators, sponsored by the San Diego Science Educators Association, May 20, 2006 (San Diego, CA).

“Sudden Infant Death Syndrome” Emergency Medical Services Training and Paramedics Training, June 8, 2006 and June 23, 2006 (San Diego, CA)

“Sudden Infant Death: Determining the Cause” and “The Changing SIDS Diagnosis and the Caregiver” 26th Annual California State SIDS Program Conference, October 27, 2006 (Riverside, CA).

“Sudden Unexpected Infant Death” California State Child Fatality Review Team Training, March 21, 2007 (San Diego, CA).

“Non-traditional Careers” MIT Alumni Association’s 2007 Women’s Leadership Conference: Changes, Challenges, Choices, March 31, 2007 (San Francisco, CA).

“What happens when a child dies in foster care?” Foster Care Parent Meeting, April 2, 2008 (San Diego, CA).

“SIDS Overview for Law Enforcement, Child Welfare Workers and District Attorneys” San Diego Child Protection Team Meeting, May 13, 2008 (San Diego, CA).

“Challenges in Defining Sudden Infant Death Syndrome” Advanced Coroner Training, California State Coroners Meeting, September 23, 2008 (Riverside, CA).

“Lessons and Challenges in Making an Accurate Diagnosis of Sudden Infant Death Syndrome” 28th Annual California State SIDS Program Conference, October 24, 2008 (Los Angeles, CA).

No one lives forever: What to do when your patient dies” Continuing Medical Education portion of the UC San Diego Medical Alumni Reunion, September 25, 2010 (San Diego, CA).

“Scope and Limitations of Medical Examiner Opinions” 2nd Annual State Rhode Island Medical Examiners Collaborative Educational Offering with URI Crime Lab, Roger Williams University Justice System Training and Research Institute and New England Organ Bank, November 1, 2011 (Portsmouth, RI).

“What is SIDS” Annual New England Regional Child Fatality Review Team Meeting, May 10, 2012 (Middletown, RI).

“Physician Responsibilities when a Patient Dies”, Physician training at Brown University’s Alpert Medical School’s Rhode Island, Miriam and Kent Hospitals, multiple dates July-August 2012 (Providence and Warwick, RI).

“Bodies Found in the Water” 3rd Annual Rhode Island State Medical Examiners Educational Offering with the New England Organ Bank, November 7, 2012 (Warwick, RI).

“Forensic Pathologists and Lawyers: Scope and Limitations of Medical Examiner Opinions” Litigating Complex Cases Course at the Naval Justice School, April 17, 2015, (Newport RI).

“Forensic Toxicology: Death Investigations Involving the Use of Fentanyl” 67th Annual Clinical Laboratory Science Convention of the American Society for Clinical Laboratory Science, Central New England, April 28th, 2015 (Providence, RI).