

Judy Melinek, M.D.

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EXPERIENCE

Office of the Chief Medical Examiner, San Francisco

July 2004-Present

Assistant Medical Examiner. Assistant Clinical Professor - UCSF Medical Center. Teaching award 2007-2008. Trained UCSF pathology residents, Medical Examiner Investigators, Forensic Autopsy Technicians.

Santa Clara County Office of Medical Examiner-Coroner

July 2003-July 2004

Assistant Medical Examiner – Coroner. Adjunct Clinical Instructor, Stanford University Medical Center. Senior forensic pathologist directing a staff of 17 for ten months following resignation of the Chief Medical Examiner. Revised death certification, identification and evidence protocols. Child death review team.

Office of Chief Medical Examiner, City of New York

July 2001-June 2003

Clinical Instructor in Forensic Medicine, New York University. Forensic Neuropathology Fellowship. Examined remains from World Trade Center (9/01-8/02) and American Airlines Flight 587 crash (11/01).

Department of Pathology, UCLA

July 1993-June 1994; July 1997-June 2001

Pathology Post Sophomore Fellowship; Pathology Residency and Chief Resident.

Beth Israel-Deaconess Medical Center, Boston, MA

July 1996-Dec 1996

Department of General Surgery - Internship. Primary surgeon in 61 operations.

EDUCATION

Harvard University: Cambridge, MA

1987-1991

B.A. in Biology *magna cum laude*, June 1991. John Harvard Scholarship, 1989-90. Harvard College Scholarship, 1988-89. Elizabeth Cary Agassiz Certificate of Merit, 1987-88.

UCLA School of Medicine: Los Angeles, CA

1991-1996

M.D. with honors, May 1996. Dean's Scholar for outstanding thesis, Edith and Carl Lasky Memorial Award for research achievement, Viola G. Hyde Scholarship for excellence in surgery.

Armed Forces Institute of Pathology: Bethesda, MD

2001, 2003

Basic Forensic Pathology Course, 2001; Dr. Kenneth M. Earle Memorial Neuropathology Course, 2003

Imaging Forensics: San Francisco, CA

June 2010

Digital Forensics Photography Class with George Reis; San Francisco Police Department Training

RESEARCH

Brigham and Women's Hospital, Boston

Summer 1988, January 1990 - May 1991

Center for Neurological Diseases – Undergraduate Biology thesis, "Protein Kinase C Activity Correlates with Memory T-Cell Function" presented at FASEB conference in Atlanta, GA in April, 1991.

Department of Neurology, UCLA

Summer 1992

With Jean Merrill, Ph.D. and Nobel laureate Louis J. Ignarro, Ph.D., researched NO synthesis in Multiple Sclerosis.

RESEARCH

Department of Transplantation, UCLA

Dec 1993-March 1996, Nov 1998-2001

Liver Transplant Program – Pathology consultant for research investigating rejection, ischemia-reperfusion injury and Hepatitis C recurrence. Assisted in over 100 liver harvests and transplants.

OTHER EXPERIENCE

Peer Reviewer

The American Journal of Forensic Medicine and Pathology	October 2009 - Present
CDCP Sponsored NAME Toxicology Panel for Opiate Deaths	January 2012 – Present
Electrical Muscular Disruption Device (EMDD) Literature Review Panel – NIJ	2007-2011
Journal of Forensic and Legal Medicine – Elsevier Press	October 2007

Professional Lectures and Presentations

“Introduction to Pre-Health Professions” Recurrent guest lecturer, Science-235 San Francisco State University.	2007 – Present
“Death Certification” Recurrent guest lecturer, UCSF Resident Orientation	2010 – Present
“Pairing Clinical and Post-Mortem Toxicology Findings for Interpretative Purposes: The Medical Examiner’s Perspective” and Panel Discussion SOFT/TIAFT – San Francisco, CA	Sept. 27, 2011
“A Facilitated or Unavoidable Fall from a Roof - An Unusual In-Custody Death” National Association of Medical Examiners – Alaska	Aug. 12, 2011
“In-Custody Deaths: An Introduction to the Role of the Medical Examiner” Sudden Death, Excited Delirium & In-Custody Death Conference – Las Vegas, NV	Nov. 28, 2007
“Vertebral Artery Dissection Complicating Occipital Injection of Heparin for Treatment of Thoracic Outlet Syndrome” National Association of Medical Examiners – Savannah, GA	Oct. 17, 2007

Consulting

Forensic pathology consultant, National Organization of Parents of Murdered Children, Inc., Cincinnati OH
(*pro-bono*).

Forensic pathology consultant, Northern California Innocence Project, Golden Gate University School of
Law, San Francisco (*pro-bono*).

Medical device testing for cancer research: FeRx Corporation, San Diego, CA.

Script and on-set consultant in forensic pathology for NBC television program *E.R.*

Consultant in forensic pathology for UCLA Mock Trial Team Pre-Law Society.

ACTIVITIES AND MEMBERSHIPS

Member, National Association of Medical Examiners (NAME)	2000-Present
Medical Examiner Independence Ad Hoc Committee, Chair	2011-Present
Death Certification Improvement Ad Hoc Committee	2009- 2010
Membership Ad Hoc Committee	2006-2007
Associate Member, American Academy of Forensic Sciences (AAFS)	2000-Present
Member, California Society of Pathologists	2006-2007
Member, College of American Pathologists	1998-2002
Member, American Society of Clinical Pathologists (ASCP)	1998-2002
Member at Large (AMA Alternate Delegate), ASCP Resident Physician’s Section	1999-2000
Board of Directors Resident Representative, Los Angeles Society of Pathologists	1998-2000
Student Representative, AMA Advisory Panel on Women Physician Issues	1994-1996

PROFESSIONAL LICENSES

American Board of Pathology:	Board Certified in Anatomic & Clinical Pathology	August, 2001
	Board Certified in Forensic Pathology	November, 2002
New York State: Physician, License Number: 220265-1		Issued: 1/30/01
State of California: Physician and Surgeon, License Number: A65951		Issued: 7/3/98

PUBLICATIONS

Vertebral Artery Dissection Complicating Occipital Injection of Heparin for Treatment of Thoracic Outlet Syndrome. Melinek J, Hart AP. *The American Journal of Forensic Medicine and Pathology*, 2011 Jul 26

New Records of Carrion Feeding Insects Collected on Human Remains. Honda J, Melinek J, Happy C. *Pan-Pacific Entomologist* 84(1):29-32, (2008)

Medical Illustrations for Chapter 19, Forensic Neuropathology, Armbrustmacher, V. and Hirsch, C. Spitz & Fisher's *Medicolegal Investigation of Death*. 4th Edition. Editor: Werner U. Spitz. Charles C. Thomas, Springfield, Illinois, 2006. *Figures 1-6, 13, 66 and 67*; credit on page 1072.

Anthropological and Radiographic Comparison of Vertebrae for Identification of Decomposed Human Remains. Mundorff AZ, Vidoli G, Melinek J. *Journal of Forensic Sciences*, 2006 Sep;51(5):1002-1004.

Postmortem Suture Analysis of Anastomotic Suture Line Disruption Following Carotid Endarterectomy. Melinek J, Lento P, Moalli J. *Journal of Forensic Sciences* 2004 Sep;49(5):1077-81. Santa Clara County Police Chief's Association Child Abuse Protocol for Santa Clara County Law Enforcement. Update 2004 May.

Death Following Gastric Bypass Surgery For Morbid Obesity. Melinek J, Livingston EH, Cortina G, Fishbein MC. *Archives of Pathology & Laboratory Medicine*. 2002 Sept 126:1091-1095

Inhalational Anthrax: Gross Autopsy Findings. Gill J and Melinek J. *Archives of Pathology & Laboratory Medicine*. 2002 Aug. 126:993-994

Bucillamine, a Thiol Antioxidant, Prevents Transplantation-Associated Reperfusion Injury. Amersi F, Nelson SYK, Shen XD, Kato H, Melinek J, Kupiec-Weglinski JW, Horwitz LD, Busuttil RW, and Horwitz MA. *Proceedings of the National Academy of Sciences* 2002 June 99:8915-8920.

Heme oxygenase-1 gene therapy: a novel immunomodulatory approach in liver allograft recipients? Ke B, Shen XD, Melinek J, Gao F, Ritter T, Volk HD, Busuttil RW, Kupiec-Weglinski JW. *Transplantation Proceedings*. 2001 Feb-Mar 33(1-2):581-2

Amelioration of hepatic ischemia/reperfusion injury with intercellular adhesion molecule-1 antisense oligodeoxynucleotides. Ghobrial R, Amersi F, Stecker K, Kato H, Melinek J, Singer J, Mhoyan A, Busuttil RW, Kupiec-Weglinski JW, Stepkowski SM. *Transplantation Proceedings*. 2001 Feb-Mar 33(1-2):538

A novel iron chelator in combination with a P-selectin antagonist prevents ischemia/reperfusion injury in a rat liver model. Amersi F, Dulkanchainun T, Nelson SK, Farmer DG, Kato H, Zaky J, Melinek J, Shaw GD, Kupiec-Weglinski JW, Horwitz LD, Horwitz MA, Busuttil RW. *Transplantation*. 2001 Jan 15; 71(1):112-8

Upregulation of Heme Oxygenase-1 Protects Genetically Fat Zucker Rats from Ischemia/Reperfusion Injury. Amersi F, Buelow R, Kato H, Ke B, Coito AJ, Zhao D, Zaky J, Melinek J, Lassman CR, Kolls JK, Alam J, Ritter T, Volk HD, Farmer DG, Ghobrial RM, Busuttil RW and Kupiec-Weglinski JW. *Journal of Clinical Investigation* December 1, 1999 104(11):1631-1639

The New ASCP Comprehensive Review Course for Anatomic and Clinical Pathology. Melinek J. *RPS News* Winter 1999 13(4): 2-3

Significance of Early Aminotransferase Elevation after Liver Transplantation. Rosen HR, Martin P, Goss J, Donovan J, Melinek J, Rudich S, Imagawa DK, Kinkhabwala M, Seu P, Busuttil RW. *Transplantation* January 15, 1998 65(1):68-72

PUBLICATIONS (Continued)

Randomized Controlled Trial to Evaluate Flush and Reperfusion Techniques in Liver Transplantation. Millis JM, Melinek J, Csete M, Imagawa DK, Olthoff KM, Neelakanta G, Braunfeld M, Sofer M, ChanS, Pregler J, Yersiz H, Tamura K, Shackleton CR, Shaked A, Jurim O, Busuttil RW. *Transplantation* February 15, 1997 63(3):397-403

Lack of Correlation between the Magnitude of Preservation Injury and the Incidence of Acute Rejection, Need for OKT3 or Conversion to FK506 in Cyclosporine Treated Primary Liver Allograft Recipients. Shackleton CR, Melinek J, Martin P, Millis JM, Olthoff KM, Imagawa DK, Jurim O, Shaked A, McDiarmid SV, Goldstein LI, Busuttil RW. *Transplantation* September 27, 1995 60(6):554-558

Living-Donor Liver Transplantation at UCLA. Jurim O, Shackleton CR, McDiarmid SV, Martin P, Shaked A, Millis JM, Imagawa DK, Olthoff KM, Maxfield A, Pakrasi AL, Melinek J, Ament M, Vargas J, Goldstein LI, Busuttil RW. *The American Journal of Surgery* May 1995 169:529-532

Microglial Cell Cytotoxicity of Oligodendrocytes Is Mediated through Nitric Oxide. Merrill JE, Ignarro LJ, Sherman MP, Melinek J, Lane TE. *The Journal of Immunology* August 15, 1993 151: 2132-2141
Increased Protein Kinase C Activity in Human Memory T Cells. Höllsberg P, Melinek J, Benjamin D, Hafler DA. *Cellular Immunology* June 1993 149(1):170-179