



ALAN BUCHWALD, M.D., INC.
Medical Toxicology, Emergency Medicine and Occupational Medicine

DIPLOMATE AMERICAN BOARD OF MEDICAL TOXICOLOGY
DIPLOMATE AMERICAN BOARD OF EMERGENCY MEDICINE

CURRICULUM VITAE - Alan Buchwald, M.D., FAAEM, ACMT, ABEM (TOX.)

Birth date/place: November 9, 1950, San Francisco

Mailing Address: P.O. Box 2289, Aptos, California, 95001
(larger packages or UPS to me at
1144 Riverside Road, Watsonville, Ca., 95076)

Email: albuchwald955@pol.net Phone/FAX: 831-761-0260

High School Education: Lowell High School- Spring 1968
San Francisco, California

Undergraduate Education: BA, 1972, Northwestern University,
Evanston, Illinois

Postgraduate Education: MS, 1972, Northwestern University

Medical Education: University of Southern California, School of
Medicine, 1972-76; Clinical Training - Los
Angeles County/ USC Medical Center

Foreign Clerkship: Family Practice, Dr. Deborah Bradley-Moore,
The Surgery, Thatcham, Berkshire, England,
1976

Internship: Santa Clara Valley Medical Center, Flexible 1976-77

Residency: Emergency Medicine/Surgery, San Francisco General
Hospital, UCSF, 1978-80

Hospital Affiliations: Active Staff - Dominican Santa Cruz
Hospital (ER & Tox.); Affiliate Staff- Santa
Clara Valley Medical Center (ER); Honorary
Staff- Watsonville Community Hospital
(Tox.); Honorary Staff- CHOMP (Tox.)



EXPERIENCE SPECIFIC TO EMERGENCY MEDICINE:

Licensure/Certification: Physicians and Surgeon's California G34228; National Boards 169442; P.A. Supervisor Ca. SA12654; Disaster Service 9074; BCLS; ACLS Provider; ATLS; **NPI# 1174667075**

Board Certification: American Board of Emergency Medicine 1981; Recertified 1990-2000; Recertified 2000-2010; Recertified 2010-2020 on 11/15/10

Contract Experience: Santa Cruz Emergency Physicians Medical Group, Inc. 1992-2011 (at Dominican Santa Cruz Hospital)

Other Appointments: State Department of Industrial Relations - Qualified Medical Examiner for Emergency Medicine and Medical Toxicology 1992-2011; Certification Examination 6/29/94; Qualified Expert Reviewer Medical Board of California 1996-2011 (2 year reappointments)

Community Service: President Santa Cruz County Medical Society 2001-2002; Community Member - Santa Cruz County Integrated Pest Management Departmental Advisory Group 2001-2002; President, Santa Cruz Community Healthcare Network Corp. 2001-2005; Co-sponsor and Panelist at the Summit on the Uninsured (CFSCC) 6/02; Physician support Big Kahuna Triathlon 9/02; Heightened Surveillance Committee, Monterey County Health Dept. 2002-2005; Chemical Hazards Forum, Cabrillo College, 10/04; SCCMS Mediation Committee 2007-2011; SC County Medical Reserve Corps 2007-2011

Hobbies/Sports: Veteran Foil Fencer with 25 years experience; USFA National rating C-11; Gold medal age-group Men's Foil, Canadian American Veterans Cup, Kingston, Ontario, May 2011; Silver medal, Veteran's Mixed Foil, Pacific Coast Championships, San Rafael, May 2011; Gold medal, Veteran's Mixed Foil, UFF Summer Nationals, Las Vegas, June 2011.



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EXPERIENCE SPECIFIC TO MEDICAL TOXICOLOGY AND OCCUPATIONAL MEDICINE

**Clinical Training
and Experience:**

Over 30 years of Clinical Toxicology in the Emergency Department and multi-level interactions with Regional Poison Control Centers; Preceptorship in Medical Toxicology, San Francisco Regional Poison Control Center and SFGH/UCSF 1985-1987; Toxicology Fellowship, April 1987; Consultant to SJ Poison Center 1993; Medical Director, Dominican Occupational Health Center 1991-2007.

Board Certification: American Board of Medical Toxicology 1987 (Lifetime)
American Board of Emergency Medicine-
Medical Toxicology Subspecialty
Certification 1999-2009; Recertified 2008-2018

Other Certification: Medical Review Officer by MROCC 1996-2001
Certification in the Occupational and Environmental Medicine Series- UCSF 1997

Special Honors: Salerni Collegium (1976); Lifetime member Alpha Gamma Chapter- Phi Lambda Upsilon National Honorary Chemical Society

Academic Research: Alternate Synthesis of Santonin, Master's Thesis, Northwestern University 1971
Hydroxocobalamin Cyanide Antidote Study (part of a multicenter national study) 1990-1994
Associate Investigator, Intravenous Silibinin Legalon®SIL for Amatoxin Induced Hepatic Failure, Started July, 2009, [ClinicalTrials.gov](https://clinicaltrials.gov/ct2/show/NCT00915681), ID#NCT00915681

Academic Appointments: University of Utah School of Medicine, and Teaching
Department of Family and Preventive Medicine; Volunteer Clinical Faculty Appointment for the Rocky Mountain Center



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for Occupational and Environmental Health
Occupational Medicine Residency
Preceptorship -2000-2003; Member UCSC
Institutional Bio-Safety Committee 2003-07

Affiliations: California Medical Association,
Committee on Environmental and Occupational
Medicine 1986-1990; American Academy of Clinical
Toxicology 1988-2011; Tri County Hazardous
Materials Advisory Council 1988-1996; ACEP
Toxicology Section 1990-1999; American College of
Occupational and Environmental Medicine 1991-2007;
The British Toxicology Society 1992-2011; Member
International Commission on Occupational Health
1993-07; American College of Medical Toxicology
1993-11; Aerospace Medicine Assn. (Space Medicine
Branch) 1993-10; Western Occupational and
Environmental Medical Assn. (WOEMA) 1992-07;
American College of Legal Medicine 1996-11

Lectures Given: Prior to 2001 on request -
Toxicology Update, ROP Paramedics -
4/01, 11/01, 4/02, 11/02, 3/03, 10/03, 4/04, 11/04, 4/05,
11/05, 4/06, 11/06, 3/07, 11/07, 4/08, 12/08, 4/09, 11/09,
4/10, 11/10, 3/11; Cancer & Firefighters, Aptos
LaSelva FD for Comm. T.V. of S. Cruz County, 3/01;
Grand Rounds Dominican, Chemical Terrorism-Sarin VX
Poisoning in Japan, 11/01 also at Grand
Rounds CHOMP, 12/01; Healthcare Access Santa
Cruz- Scotts Valley Rotary 9/02; Workers' Comp.
-MD's Viewpoint, Matrix Lecture, San Jose, 3/04;
Black Widow Spider, DSCH Grand Rds, 12/06;
Amanita Phalloides Poisoning, DSCH, 1/07; DSCH
Grand Rds, Update Poisoning & Drug Overdose, 2/08.

CMEs: Prior to 1999 on request: ATLS, ACLS 3/99; CAL/ARP Workshop,
S.C. Cty. Environ. Health 4/99; CMA 4th Leadership Academy
10/2000; CMA Bioterrorism Conf., S.C. 11/01; QME CMEs 7/02;
BCLS and ACLS 2002; Recert. ATLS 2003; Pain CMEs (list
available on request- 12.5 Cat. I credits) 1/04; Mark I EMS
Training 4/04; ACOEM Practice Guidelines, SF, 6/04; SB899
WC System in Calif. Conf., Watsonville, 6/04; Elliot-Lopez
QME reviews, 6/04; AMA Guides 101, CWCI, SF, 10/04; UCOP
Risk Summit on WC, 3/05; AMA Guides, AAEME and UC, SF, 7/05;
Western Occup. Health Conf., Monterey 9/05; ER Airway Mgt,



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Med America, DH/CHW, 9/05; Rheumatoid Arthritis, MMC, Aptos, 10/05; NACCT SF, 10/06; ACLS recert. 12/06; Agitated Delerium, SC Sheriff's, 4/07; OP Poisoning 8/08; Botulism, Monterey Cty. Health, 10/08; NIH Protecting Human Res., 9/09 UCSF, Northern California Emergency Ultrasound, 3/10; Beacon Collaborative 2010 Annual Conference "Spotlight on the patient", 4/10; ACMT, Forensic Toxicology: Ethanol and Marijuana, 12/10; UCSF High Sierra Wilderness Medicine, 3/11; 16th Annual Pediatrics Symposium - Dominican Hospital/CHW, 4/11; ER Ultrasonography course, Highland Hospital, Alameda County Medical Ctr, 6/11.

Publications: "Naloxone Use: Side Effects May Occur" Annals of Emergency Medicine 1988; 17:7, 765; "Cyanide Toxicity" Annals of Emergency Medicine 1989; 18:11, 1257; "Amanita Poisoning" American Journal of Medicine 1989; 87, 702; "Saliva Teststrips for Alcohol Testing" Annals of Emergency Medicine 1990; 19:3, 342-343; "The Osmolal Gap" Hospital Physician 1990; 26:3, 8 (correction 26:4, 11); "Occupational Dermal Myiasis" Journal of Occupational Medicine 1992; 34:9, 872-873; "Extensive Palm Thorn Hematoma With Associated Hematuria" American Journal of Emergency Medicine 1994; 12:2, 259-260; 'Methyl Bromide-An Issue of Risk/Benefit' SCCMA 4/97; 3:4, 16-19; 'Benzene', In: Olson KR, ed. Poisoning & Drug Overdose, 3rd Edition. Appleton & Lange, 1999 104-105; "Excuses for Marijuana Smokers" Forensic Drug Abuse Advisor 1999; 11:1, 7; "Mephenytoin Overdose-Phenytoin Poisoning Incognito? Case Report and Mephenytoin/Phenytoin Comparison" Journal of Toxicology-Clinical Toxicology 2000; 38:7, 781-785; "Intentional Overdose of DMSA in the Course of Treatment for Arsenic Poisoning" Journal of Toxicology-Clinical Toxicology 2001; 39:1, 113-114; "Letter to the Editor-Marijuana Patch" FDAA 2001; 13:2, 16; "Late Confirmation of Acute Methyl Bromide Poisoning Using S-Methylcysteine Adduct Testing" Veterinary and Human Toxicology 2001; 43:4, 208-211; 'Copper', In: Olson, K ed. Poisoning & Drug Overdose, 4rd Edition. Appleton & Lange, 2004, 175-177; "Poisoning by an Illegally Imported Chinese Rodenticide Cont.Tetramethylenedisulfotetramine



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-New York City, 2002", MMWR 3/14/03, 52(10);199-201,data Acknowledgment; 'Copper', In: Olson,K ed. Poisoning & Drug Overdose, 5th Edition. Appleton & Lange, 2007, 174-176 and 6th Edition, 2012, 185-187; "Serum Copper Elevation from From Estrogen effect, Masquerading as Fungicide Toxicity" Journal of Medical Toxicology, Vol 4,#1, 3/08, 30; "Spurge Contact Dermatitis" Journal of Emergency Medicine, Epub 9/16/09; hard copy 40(6),6/11, 680-681.

Journal Review: Expert reviewer for the Journal of Medical Toxicology, 2009-2011.

Legal Experience: (Depositions and Trial only -tracking from 2000)

1. Civil Deposition (as expert tox./consultant, plaintiff) Olivetti v. Ultratech 8/29/00; Trial testimony 10/12/00 (methyl bromide)
2. Med.Malpractice Deposition (as expert ER, Plaintiff) Cranmer v. Kaiser 6/28/01
3. Civil Deposition (as expert tox.,plaintiff) Kennebeck v. Hall 7/12/01 (arsenic and OPs)
4. W.C. Deposition (as treating MD) Applicant v. WMA/Octagon 39876-13-178, 2/5/02
5. Louise Bowman v. Kaiser - MedMal Deposition (as ER expert, Plaintiff, 9/12/03
6. Paul Yago, Santa Cruz Superior Court(as treater in ER) Civil case, 2/4/04
7. Vasquez v. Freightliner - Deposition for Plaintiff, Civil case, 2/20/04; Trial Alameda Superior Court, 4/6/04
8. Bettencourt v. Carson Develop. - Deposition (as prior Consultant/ Tox. Expert),Civil case,11/05
9. Chavez v. E. Lamazor & A. Uyeno - Deposition MedMal/ER expert, Plaintiff, 10/18/07
10. Lee v. UC Davis - Deposition WC AME Tox., 11/10/09
11. Gomes v. Cook, et al - Deposition, Tox. Expert, Plaintiff, 11/11/09
13. Marrs v. Kaiser - Deposition, ER and Tox. Expert, Plaintiff, 11/19/09; Arbitration 12/9/2009
14. Zhu v. Ketcham - Deposition, Tox. Expert, Defense, 8/13/2010



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Fee Schedule: General - \$295/hr; Deposition or in Court - \$495/hr; travel -\$125/hr. Fed.Tax ID # - 94-2742487. Lien arrangements not accepted. **Retainer required;** minimum retainer is now \$2,500 for any case. Travel costs related to Deposition or in Court dates must now be prepaid, or Deposition must occur in Santa Cruz County. Charge for appointments missed without a 24 hour cancellation notice will be \$295.00. No insurance accepted.

References (Medical/Legal, since 2006):

1. Harold J. Truett, III; Winchell & Truett, 207 Powell Street 6th Floor, San Francisco, Ca., 94102 (Plaintiff)
2. James Rumm, Law Offices of Federico Castelan Sayre, 900 N. Broadway, 4th Floor, Santa Ana, Ca., 92701 (Plaintiff)
3. Susan Blitch, Monterey County District Attorney, 1200 Aguajito Road, Room 301, Monterey, Ca., 93940 (Defense)
4. John Garvey, III; 10 Almaden Blvd., Suite 1250, San Jose, Ca., 95113 (Plaintiff)
5. Stephen Gorog, 180 Montgomery St., Suite 940, San Francisco, Ca., 94104 (Plaintiff)
6. Michael Ng, Kerr & Wagstaffe, 100 Spear St., Suite 1800, San Francisco, Ca., 94105 (Defense)
7. Medical Consultant Services, Inc., 2377 W. Foothill Blvd., Suite 9, Upland, Ca., 91786 (Defense)
8. Barry Marsh; Hinshaw, Draa, Marsh, Still & Hinshaw, 12901 Saratoga Ave., Saratoga, Ca., 95070 (Defense)
9. Edward Lemons; Lemons, Grundy & Eisenberg, 6005 Plumas St., 3rd Floor, Reno, Nevada, 89509 (Defense)
10. Jon Giffen; Kennedy, Archer & Harray, 24591 Silver Cloud Ct., Suite #200, Monterey, Ca., 93940 (Defense)
11. James Sarraill and Monica Castillo; Sarraill, Castillo & Hall, 700 Airport Blvd., #420, Burlingame, Ca., 94010 (Defense)
12. Fulvio Picerno and Barbara Schafer; Jackson, Jenkins, Renstrom LLP, 55 Francisco Street, 6th Floor, San Francisco, 94133 (Defense)
13. James Anwyl and Kerri Rollins; Anwyl, Scoffield & Stepp, LLP, 3043 Gold Canal Drive, Suite 100, Rancho Cordova, Ca., 95670-6129 (Defense)

Updated: October 2011