

Curriculum Vitae

Dean M. Gialamas, MS, D-ABC

Director, Forensic Science Services



Orange County Sheriff-Coroner Department
Forensic Science Services Division
320 N Flower Street
Santa Ana, California 92703
Phone: (714) 834-6380 Fax: (714) 834-4519

EDUCATION

Master of Science in Criminalistics, California State University, Los Angeles, March 1999
Bachelor of Science in Chemistry, University of California at Irvine, June 1992
Bachelor of Science in Biology, University of California at Irvine, June 1992
Graduate, West Point Leadership and Command Academy, December 2002
Certificate, Orange County Leadership Academy, June 2006

EMPLOYMENT

Orange County Sheriff-Coroner Department, Forensic Science Services
Laboratory Director, July 2004-present
Los Angeles County Sheriff's Department, Scientific Services Bureau
Assistant Crime Laboratory Director, July 2000-July 2004
Supervising Criminalist, February 1999-June 2000
Senior Criminalist, July 1996-February 1999
Criminalist, January 1996-July 1996
California Laboratory of Forensic Science
Criminalist, June 1992-December 1995
Forensic Laboratory Technician, May 1991-June 1992
Orange County Sheriff-Coroner Department, Forensic Science Services
Internship, Trace Evidence Section, February 1990-May 1991

PROFESSIONAL CERTIFICATION

Diplomate - American Board of Criminalistics, January 1995-present

PROFESSIONAL TRAINING

National Response Plan (NRP) Introduction, US Department of Homeland Security, July 2006
Proactive Leadership Strategies, Orange County Sheriff-Coroner Department, June 2006
Preparing Future Leaders, FBI Crime Laboratory Symposium, August 2005
American Society of Crime Lab Directors / Laboratory Accreditation Board (ASCLD/LAB) ISO Assessor
Training, ASCLD/LAB, July 2005
Introduction to the Incident Command System, IS-00100.FW, US Department of Homeland Security, June 2005
National Incident Management System (NIMS) Introduction, IS-00700, US Department of Homeland Security, June 2005
National WMD Standardized Awareness Program (AWR-160), US Department of Homeland Security, June 2005

Intelligence Gathering, Pre-Planning, Response and Mitigation of Terrorism, Garden Grove Police Department and JINSA, October 2004

Improving Crime Laboratory Efficiency, FBI Crime Laboratory Symposium, August 2004

Achieving Excellence through Partnerships, FBI Crime Laboratory Symposium, September 2003

Team Leadership for Division Managers, Los Angeles County Sheriff's Department, March 2003

Leadership Enhancement Training for Supervisors, Los Angeles County Sheriff's Department, May 2001

American Society of Crime Lab Directors / Laboratory Accreditation Board (ASCLD/LAB) Crime Scene Investigation Inspector Training, ASCLD/LAB, January 2001

American Society of Crime Lab Directors / Laboratory Accreditation Board (ASCLD/LAB) Inspector School Training, ASCLD/LAB, January 2000

Rapid Drug Detection (Toxi-Lab), Ansys Diagnostics, June 1999

Supervision for Civilians in Law Enforcement, Los Angeles County Sheriff's Department, May 1999

Quality Control in Forensic Investigations, Veridata, California Association of Criminalists (CAC), May 1999

DataMaster cdm Infrared Breath Alcohol Analyzer Theory and Operation, National Patent Analytical Systems, Inc., April 1999

Dealing with Difficult People, Richmond Consulting Group, California Association of Criminalists (CAC), October 1998

Return to Work Program for Supervisors, Los Angeles County Department of Human Resources, August 1998

Unit Level Investigations, Los Angeles County Sheriff's Department Advance Training Bureau, August 1998

Accountability Through Supervision, Los Angeles County Sheriff's Department Advance Training Bureau, August 1998

Analysis of Low Explosives, California Criminalistics Institute, March 1998

Fiber Identification and Comparison, California Criminalistics Institute, February 1997

Introduction to GC/MS and GC/MS Troubleshooting, Hewlett Packard, February 1997

Post Blast Explosives Recognition, Los Angeles County Sheriff's Department Bomb Squad, November 1996

Tactical Communications for Law Enforcement Professionals, Los Angeles County Sheriff's Department Advance Training Bureau, October 1996

Management Problems of the Technical Person in a Leadership Role Workshop, Fred Pryor Seminars, California Association of Criminalists (CAC), October 1996

Post Blast Crime Scene Investigation, FBI & Orange County Sheriff's Department Bomb Squad, September 1996

Arson Accelerant Detection, California Criminalistics Institute, July 1996

Fire Investigation Workshop, JD DeHaan & LM McGill, California Association of Criminalists (CAC), May 1996

Gunshot Residue SEM/EDX Workshop, Hitachi & EDAX, California Association of Criminalists (CAC), May 1996

Forensic Wound Pathology, Dr. PE Besant-Matthews, California Association of Criminalists (CAC), July 1996

Microchemical (Microscopy) Methods, S Palenik, McCrone Research Institute, March 1995

Advanced Arson Accelerant Detection Course, Midwestern Association of Forensic Scientists (MAFS), May 1995

Forensic Paint Examination, S Ryland, Florida Department of Law Enforcement, California Association of Criminalists (CAC), March 1994

Bloodstain Pattern Interpretation, California Criminalistics Institute, June 1993

Courtroom Presentation of Evidence, California Criminalistics Institute, May 1993

Advanced Trace Microscopy, S Palenik, McCrone Research Institute, March 1993

Bloodspatter Interpretation Lecture & Workshop, G Knowles & J Pex, Washington State Patrol, California Association of Criminalists (CAC), October 1992

Forensic Alcohol Analysis and Toxicology Workshop, AW Jones, California Association of Criminalists (CAC), October 1992

Sexual Assault Evidence Analysis, Serological Research Institute (SERI), September 1992

Forensic Microscopy, W McCrone, McCrone Research Institute, March 1992

Sturm-Ruger Firearms Workshop, California Association of Criminalists (CAC), October 1991

Application of DNA Technology to Forensics Conference, UC Riverside, March 1991

PROFESSIONAL EXPERIENCE

Editorial Board, *Forensic Science Policy and Management*, 2007-present
Committee Member, AB1079 Commission on California Crime Labs, 2007-present
Panel Member, National Institute of Justice, Forensic Policy Summit, 2007-present
Instructor, Forensic Management Academy, West Virginia University, 2007-present
Member, National Institute of Justice, Technology Working Group on DNA Forensics, 2006-present
Panel Member, National Institute of Justice, Working Group on Principles of DNA for Officers of the Court, 2003-2006
Panel Member, CA Attorney General's Working Group on Prop 69 Implementation, 2004-2005
Panel Member, US Attorney General's Initiative on DNA Laboratory Backlogs, 2002-2003
Panel Member, CA Attorney General's Task Force on Post-Conviction DNA Testing, 2001
Board Member, State of California's Department of Justice-California Criminalistics Institute (a criminalistics training facility) for the California Association of Criminalists, 1994-2002
Seminar Chairman and Coordinator for the California Association of Crime Lab Directors (CACLD) Semi-Annual Meeting, May 2003
Seminar Chairman and Coordinator for the California Association of Criminalists (CAC) 98th Semi-Annual Meeting, October 2001
Seminar Chairman and Coordinator for the Forensic Wound Pathology Seminar, CAC, July 1995
Co-Instructor, Bloodstain Pattern Interpretations, Los Angeles County Sheriff's Department, Scientific Services Bureau, February 2003
Part-time Instructor and Guest Lecturer, California State University, Los Angeles, Department of Criminal Justice, Winter 1997-2004
Consultant and Instructor for the California Medical Training Center, an extension of UC Davis Medical Center's training of sexual assault examiners, April 2001-2004
Instructor for the Los Angeles County Sheriff's Department, LA County District Attorney's Office and other criminal justice agencies on various topics of evidence and crime scene investigation, 1996-2004
Training Coordinator for Crime Scene Investigations, Los Angeles County Sheriff's Department, Scientific Services Bureau, 1997-1998
Developed, in part, testing protocol for the California State Fire Marshall Accelerant Detection Canine Certification Program, 1993-1994; also served as one of two scientific advisors for test administration and certification, January 1994

PROFESSIONAL ASSOCIATIONS

American Academy of Forensic Sciences (AAFS), 1993-present
American Chemical Society (ACS), 1989-2002
American Society of Crime Laboratory Directors, 2004-present
President-Elect, 2007-2008
Board of Directors, 2006-present
Chair, Strategic Planning Committee, 2007-present
Member Advocacy Committee, 2007-present
American Society of Crime Laboratory Directors / Laboratory Accreditation Board, 1999-present
Inspector, Legacy Program and Crime Scene Investigation, 1999-present
Chair, Crime Scene Proficiency Review Committee, 2004-2007
California Association of Crime Lab Directors, 1999-present
Representative, California Criminalistics Institute User's Advisory Board, 2000-present
Member, California DNA Consortium Oversight Committee, 2000-present
California Association of Criminalists (CAC), 1990-present
Treasurer, Board of Directors, 2003-2005
Representative, California Criminalistics Institute User's Advisory Board, 1994-2002
Chair, Training and Resources Committee, 1994-2002
Chair, Southern Section Serology Study Group, 1993-1996
Member, Ad Hoc Journal Committee, 1992-1993
California Association of Toxicologists, 1999-2002
Canine Accelerant Detection Association (CADA), 1996-1999
International Association of Arson Investigators (IAAI), 1993-2005
International Association of Bloodstain Pattern Analysts (IABPA), 2006-present

PROFESSIONAL HONORS

- 2005 Exemplary Service Medal (Los Angeles County Sheriff) – Second highest medal awarded by the Sheriff for service to the department.
- 2003 Alfred A. Biasotti Award (CAC) - Most outstanding presentation award for papers presented at the CAC semi-annual seminars
- 1996 Regional Association Award Recipient (AAFS)- Presented to outstanding regional association members for their contributions to the field of criminalistics by the American Academy of Forensic Sciences
- 1995 Joint President's Award - First recipient of the joint award presented annually to outstanding young forensic scientists by the California Association of Criminalists and the Forensic Science Society (UK)
- 1994 Paul Kirk Award (CAC) - Presented bi-annually to outstanding young CAC members who demonstrate exceptional achievements and contributions to the field of criminalistics

CAC Merit Awards:

- 2005 Distinguished Service to the Association as Treasurer
- 1997 Fall Seminar - Most Outstanding Paper Presentation
- 1997 Service as Chair of the Training and Resources Committee
- 1993 Fall Seminar - Most Outstanding Paper Presentation
- 1993 Outstanding work for the Ad Hoc Journal Committee

Selected Commendations:

- May 2007 – Commendation for Commitment to the Hertzberg-Davis Forensic Science Center project from LA County Sheriff Lee Baca
- December 2002 - Commendation for Commitment to Public Safety from CA Governor Gray Davis
- November 2002 - Commendation for Distinguished Public Service from LA County District Attorney Steve Cooley
- November 1997 - Risk Management Bureau Commendation for training provided
- July 1997 - Monrovia Police Chief Commendation for assistance in an investigation
- June 1996 - Scientific Services Bureau Commendation for work performed

TEXTBOOK AND PAPER PUBLICATIONS

- Gialamas, D.M. "Proposition 69 Implementation and the Future of DNA Testing in Law Enforcement: An Orange County Perspective," *California Sheriff*, Vol. 21, No. 1, January 2006, pp. 12-14.
- Gialamas, D.M. "Criminalistics," *Encyclopedia of Forensic Science*, Associated Press, London, England, 2000.
- Gialamas, D.M. "Enhancement of Fire Scene Investigations Using Accelerant Detection Canines," *Science and Justice (formerly Journal of the Forensic Science Society)* Vol. 36, No. 1, January-March 1996, pp. 51-54.
- Gialamas, D.M., Rhodes, E.F., and Sugarman, L.A. "Officers, Their Weapons, and Their Hands: An Empirical Study of GSR on the Hands of Non-Shooting Police Officers," *Journal of Forensic Sciences*, Vol. 40, No. 6, November 1995, pp. 1086-1089.
- Gialamas, D.M. and Stockwell, D.C. "Forensic Biology Sample Collection and Handling Techniques: A Look at Methods Used by California Crime Labs." *CAC News*, California Association of Criminalists Newsletter, Summer 1995, pp. 21-25.
- Gialamas, D.M. "Is It Gasoline or Insecticide?" *CAC News*, California Association of Criminalists Newsletter, Spring 1994, pp. 16-20.

PAPER PRESENTATIONS

- Gialamas, D.M. "Using Expanded DNA Technology to Solve Crime in Orange County," presented to the National Institute of Justice, NIJ Conference, Arlington, VA., July 2007

- Gialamas, D.M. "Using Expanded DNA Technology to Solve Crime in Orange County," presented to the California Peace Officers Association, South Lake Tahoe, CA, May 2007.
- Barnett, P., DeForest, P., DeHaan, J., Gialamas, D., and Tulleners, F. "Report on the Regional Roundtables on Science and the Law," presented to the California Association of Criminalists Semi-Annual Seminar, Garden Grove, CA May 2007.
- Gialamas, D.M. "Preparing for Mass Fatality Events," presented to the California Association of Crime Laboratory Directors, Temecula, CA, April 2007.
- Gialamas, D.M. "Succession and Retention Planning in Forensics," presented to the International Forensic Business and Economics Colloquium, San Francisco, CA, October 2006.
- Gialamas, D.M. "Using DNA to Solve High Volume Property Crimes in Orange County," presented to the National Institute of Justice Technology and Partnerships Conference, Hilton Head, SC, February 2006.
- Gialamas, D.M. "Prop 69 Implementation: An Orange County Perspective," presented to the CA Attorney General's All Zones Meeting, Sacramento, CA, September 2005.
- Gialamas, D.M. "Missing / Unidentified Persons: A Forensic Law Enforcement Perspective," presented to the National Institute of Justice National Strategy Meeting, Philadelphia, PA, April 2005.
- Gialamas, D.M. "Prop 69 Implementation: State and County Efforts," presented to the Orange County District Attorney's Office, Santa Ana, CA, February 2005.
- Gialamas, D.M. "Vanishing With a Trace: Reconstructing the Events of Crime Using Trace Evidence," presented to the California Association of Criminalists and Northwest Association of Forensic Scientists Joint Meeting, Reno, NV, April 2003.
- Gialamas, D.M. "Trace Evidence at Fire Scenes," presented to the California Conference of Arson Investigators Training Seminar, San Luis Obispo, CA, January 2001.
- Gialamas, D.M. "The Lasting 'Impressions' of a Double Homicide on Halloween Night," presented to the California Association of Criminalists 90th Semi-Annual Seminar, Irvine, CA, October 1997.
- Gialamas, D.M. "How Mr. Persistence Left His (Tool)Mark: A Stabbing Case Involving Trace Evidence," presented to the California Association of Criminalists 88th Semi-Annual Seminar, Palm Springs, CA, October 1996.
- Gialamas, D.M. "All in a Day's Work: An Entertaining Look at Some Very Interesting Cases," presented to the California Association of Criminalists 86th Semi-Annual Seminar, San Pedro, CA, October 1995.
- Gialamas, D.M. "Enhancement of Fire Scene Investigations Using Accelerant Detection Canines," presented to the Forensic Science Society (UK), 10th Summer Scientific Meeting, York, England, July 1995.
- Gialamas, D.M. "Odor Recognition: How the Brain 'Figures it Out.'" Panel on Canine Research and Testing, National Fire Protection Association (NFPA) 921 Accelerant Detection Meeting, Burlingame, CA, April 1995.
- Hunter, C.L. and Gialamas, D.M. "Criminalistics and Physical Evidence," Riverside Chapter of the California Association of Licensed Investigators (CALI), Riverside, CA, November 1994.
- Gialamas, D.M. "Seeing Is Believing - Or Is It? A Puzzle for Forensic Scientists," presented to the California Association of Criminalists and Forensic Science Society (UK), Joint Meeting, Pasadena, CA, October 1994.
- Gialamas, D.M., Rhodes, E.F., Sugarman, L.A., "The Officer, His Weapon, and His Hands: An Empirical Study of GSR on the Hands of Non-Shooting Police Officers," presented to the California Association of Criminalists 82nd Semi-Annual Seminar, San Diego, CA, October 1993.
- Gialamas, D.M., Hunter, C.L., Schliebe, S.A. "Testing the Test: The First Step Toward Accelerant Detection Canine Certification in California," presented to the California Association of Criminalists 82nd Semi-Annual Seminar, San Diego, CA, October 1993.
- Gialamas, D.M. "Is It Gasoline or Insecticide?" presented to the California Association of Criminalists 82nd Semi-Annual Seminar, San Diego, CA, October 1993.