



## **SUMMARY OF QUALIFICATIONS**

Registered Nurse & Licensed Private Investigator with extensive emergency medical service, critical care, public health, federal disaster response, and testimony experience, including management & teaching roles. Specific background:

- Federal court case testimony in forensic aspects of clinical nursing with San Francisco law firm Spiegel, Liao, & Kagay
- CA Superior Court qualified expert witness in human blood sampling (phlebotomy); injury kinematics, and illnesses & injuries mimicking drunkenness.
- Former EMS coordinator, medical incident investigator & clinical QA Committee Chair, Solano County Health & Social Services Dept., Fairfield, CA.
- Former American Heart Association Instructor in Advanced Cardiac Life Support: neonatal, pediatric & adult
- Trauma case manager, Memorial Hospitals Association, Level II trauma center, Modesto, CA.
- Trauma systems consultant, Masterman Consulting, Weaverville, CA.
- Current employment: home health infusion RN, Maxim Healthcare Services, Modesto, CA.
- Hospital and EMS clinical program development, including policy development, Quality Improvement processes and benchmarking.
- Public speaking and adult educational presentations at local through national levels.
- Former member, FBI Joint Terrorism Task Force - Bay Area Terrorism Working Group, San Francisco, within scope of work with the City & County of San Francisco EMS Agency, 1998-2002.
- Former reserve Sheriff's Deputy, Butte Co. - Medical Officer, Search & Rescue Unit, 1987-1989.
- Federal disaster medical incident response - Urban Search & Rescue Task Force 7, Sacramento Fire Dept.; CA Disaster Medical Assistance Team CA-6, National Disaster Medical System.

## **Education**

BA, Human Biology, Stanford  
Focus: Neurophysiology of human behavior.  
Research Associate, Dept. of Chemical Physics, Caltech, X-ray Crystallography.  
ADN, Registered Nurse, Evergreen Valley College.

## **Affiliations**

CA Assoc'n of Licensed Private Investigators; International Association of Forensic Nurses; Life member, Stanford alumni association.

## **Professional Licensure**

- CA Registered Nurse (Lic. #R403925); specialty: Critical Care, national Board exam alumnus in both Emergency Department & ICU nursing.
- CA Licensed Private Investigator (#26739)
- Licensed Amateur Radio Operator (FCC Technician Class KG6ILG)

## **Expert review & testimony capabilities**

- Medical evidence summarizing and preparation for attorney/expert witness review.



- DUI defense based on Acceptable Medical Practice issues; gastric reflux (GERD) affecting breathalyzer results, drug dosing & administration, or head injury misinterpreted as drunkenness.
- Sexual assault evidence review & critique – review of SANE report findings.
- Medical appropriateness-of-care issues; malpractice; nurse:physician relationships affecting care.
- Medical exam report evaluation, e.g., sexual assault, autopsy, hospital diagnostic exams.
- Medical testimony transcript review and summary declaration for court submissions.
- Controlled substance/pharmaceutical security systems investigations – hospital and ambulance.

### **Investigative capabilities based on actual experience**

- In partnership with Virtualabs, 3-D digital scanning for crime scene and accident reconstruction\*\*
- Vehicle crash & gunshot dynamics analysis using 3-D digital scanning technology\*\*  
\*\* further description at <http://www.rlainvestigations.com/crime-scene-re-creation.html>
- Child & elder abuse; child custody cases - analysis of medical components & related testimony/delivery of court documents.
- Non-custody and in-custody witness interviews.

### **Investigative Experience**

**Private investigator and evidence reviewer for multiple Private Investigation, medical forensics, government agencies, and law firms.** Civil and criminal case investigations or evidence review for:

- Berg Injury Lawyers, Sacramento, CA [<http://www.berginjurylawyers.com/contact-us/sacramento-injury-lawyer/>]
- Donald Bartel, Esq., Riverside, CA [[http://www.dui-california.com/don\\_bartell.html](http://www.dui-california.com/don_bartell.html)]
- Godoy Medical Forensics, Inc., Livermore, CA [<http://godoymedical.net/>]
- Peter Johnson, Johnson & Johnson Law, Walnut Creek [<http://jjlaw2.com/criminal.html>]
- Michael Norris, Esq., Los Angeles, CA [<http://www.michaelnorrislaw.com/>]
- Solano County Health & Social Services Dept., EMS Agency, Fairfield, CA
- Valley Investigative Professionals, Modesto, CA
- Advocate Investigative Agency, Inc., San Marcos, CA
- C & G Investigations, Laguna Niguel, CA
- Pipkin Detective Agency, Visalia, CA
- et al

### **Selected Representative Experience**

**American Heart Association Instructor, National Institute for Healthcare Education, 2009 – 2017, based at Riverside, CA.**



**Infusion nurse, Maxim Healthcare, 7/16 – Present, Modesto, CA.**

**Clinical Nurse Educator, Novasyste, Inc., 10/15 – 10/17, Carlsbad, CA.** Contract clinical educator providing services for various biomedical industry clients; area of focus is ICU and Emergency Department applications of cutting edge medical technologies.

**Clinical Research Nurse, Novoresearch, regular, full-time, 8/13-5/14 and continued related per diem work with Central Valley Research, LLC, 8/15/15 to present;** Contract clinical research coordinator for clinical trials of drugs under investigation for FDA approval.

**Program Manager, San Francisco Public Health Dept., 1997-2002** Full-time, professional disaster planner focusing on medical/health issues. Paid presenter at the 2000 National Disaster Medical Services conference as a medical disaster planning expert.

**EMS Coordinator, Solano County, CA Public Health Dept., 1994-1997** Emergency Medical Services system coordinator responsible for hospital, paramedic, & aeromedical patient transport system QA and Title 22 regulatory compliance. Participated in the county's first-ever EMS medical quality assurance committee; implemented unprecedented problem solutions reducing county and EMS Provider liability in both public and private sector EMS healthcare delivery organizations.

**Supervisory Nurse Specialist, National Disaster Medical System, Disaster Medical Assistance Team CA-6, 1997-Present.** Response team member and Emergency Medical Operations Instructor, Supervisory Nurse Specialist (GS-13), & founding member U.S. Dept. of Homeland Security. Current member, Disaster Medical Assistance Team CA-6, National Disaster Medical Service, U.S. Dept. of Health & Human Services, unit based at Fremont, CA. This is an on-call, federal disaster response position. Continued team membership contingent upon attendance at regular, scheduled team training sessions similar to military reserve duty. Instruction of physician, nurse, paramedic, and EMT-1 personnel in disaster response & emergency medical field operations and logistics in austere care environments. Instruction included use of clinical simulators. Personal experience has included missions to Guam, baseball World Series medical support, and the Superdome during Hurricane Katrina.

**Diversion Evaluation Committee Member, CA Board of Registered Nursing (BRN) 1988 – 1990.** This is the State committee that evaluates and determines suitability for drug impaired nurses to continue professional practice once they've been referred to the program.

**Reserve Sheriff's Deputy, Butte County Sheriff's Dept., Chico, CA. 1987 – 1989.** Medical officer for Search & Rescue unit.

### **Relevant Training & Certifications**

- 2017 Business security & emergency communications summit; Clovis, CA; ongoing education seminars sponsored by area chapters of the CA Association of Licensed Investigators, e.g. homicide investigation; crime scene reconstruction; gang investigations; et al.
- 2016 Ongoing continuing medical education studies in medical forensics, clinical nursing, & related subjects
- 2015 Ongoing education seminars sponsored by area chapters of the CA Association of Licensed Investigators
- 6/2014 CA Association of Licensed Investigators Conference, Rancho Mirage, CA – multiple subjects related to private investigations.
- 3/2012 Newly Licensed Investigator Training & Enrichment, California Association of Licensed Investigators, given at Sacramento, CA



1987-89	Initial specialty training, Dept. of Neurosurgery, UC Davis Medical Center, Sacramento, CA.
Biannually	Recertification training, Concealed Weapons Licensure. Issuing agency: Stanislaus Sheriff's Dept.
Quarterly	Firearms requalification. Certifying agency: CA Bureau of Security & Investigative Services
Biannually	Recertification training, CA armed guard certification. Certifying agency: CA Bureau of Security & Investigative Services

**Awards**

- 2011 CALI professional scholarship winner
- Academic scholarships, Stanford University
- American Chemical Society Grant for Student Research, California Institute of Technology
- Life Member, California Scholastic Federation
- Robert Francis Kennedy Memorial Scholarship, Pasadena Scholarship Committee

**Presentations & Publications**

2017, Presenter, subject: Acceptable Medical Practice, Loyola Law School, Los Angeles, CA

2016, Contributing Author, California Drunk Driving Defense, 5<sup>th</sup> Ed., Lawrence Taylor & Peter Johnson.

2015 Phlebotomy & Human Blood Sampling, presentation, CA DUI Lawyers Association, Oakland, CA

2014 Forensic blood draw evidence, a presentation to the CA DUI Lawyers Association, Irvine, CA

2014 Medical Forensics article, CA PI Magazine, June issue

2014 *"DUI Blood Draws: Why "Medically Approved" is important"*. Published in the monthly newsletter of Godoy Medical Forensics [<http://godoymedical.net/dui-blood-draws-medically-approved-important/>]

2014 Phlebotomy & Human Blood Sampling, presentation, CA Public Defenders Association, Monterey, CA

2014 Medical Forensics, San Jose District Meeting, presentation, CA Association of Licensed Private Investigators

2013 Medical Forensics & Digital Scanning in Investigations, presentation, American Society for Industrial Security, Novato, CA

2013 Medical Forensics – Sacramento District Meeting, presentation, CA Association of Licensed Investigators

2000 National Disaster Medical Services national conference presentation, Las Vegas, NV: Best Practices - A public health department disaster registry for seniors and persons with disabilities

1997 – Present: ongoing community presentations in the areas of veterans' support; medical forensics; and medical/health/safety planning & disaster preparedness

**Interests & Volunteering**



**Ron Lopez, RN, PI**

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Updated: May, 2019

2017 Volunteer, Ascend Program [<http://ascendprogram.com/>], Sacramento, CA. This program assists convicted felons in societal re-entry with a documented 80% success rate, as compared with a national average of 20-30%.

2010-2018 guest presenter, Healthcare Careers program, Grace Davis High School, Modesto, CA.

2013-2016 former chairman, Board of Directors, Honor Flight, Northern CA Chapter. Non-profit flying WWII Veterans to visit their national memorial in Washington DC free of charge.

2016 Curriculum advisor, Criminal Justice program, Institute of Technology, Modesto, CA

Scientific wound ballistics analysis (former member, International Wound Ballistics Association); Firearm cartridge load development & testing;

Hunting , fishing, & camping; woodworking; EMS volunteer & member, Calvary Chapel, a non-denominational Christian church, Modesto, CA.

**References available on request**