



**DRUG DETECTION  
LABORATORIES, INC.**

Clinical Toxicologists Scientists Licensed by California D.H.S.  
Forensic Alcohol Analysis (California) D.H.S. #-022

Directors: Jeffery L. Zehnder  
Susan C. Zehnder

[www.drugdetection.net](http://www.drugdetection.net)

**CURRICULUM VITAE**

**Susan C. Zehnder**  
Forensic Toxicologist/Laboratory Co-Director

**Education:** Bachelor of Science in Forensic Science  
Bachelor of Arts in Biological Science  
Chemistry Minor  
California State University at Sacramento, 1982

A. A. Degree in Liberal Arts, 1977  
Moorpark Junior College

**Licenses:** CLINICAL TOXICOLOGIST - SCIENTIST  
California Dept. of Health Services, 1983

**Experience:** FORENSIC TOXICOLOGIST/LABORATORY CO-DIRECTOR:  
October 1997 - Present  
Drug Detection Laboratories, Inc.

FORENSIC SCIENTIST – TOXICOLOGIST III  
October 1986 – October 1997  
California Dept. of Justice  
Bureau of Forensic Services, Toxicology Laboratory

FORENSIC / CLINICAL TOXICOLOGIST:  
April 1982 – October 1986  
Roche Biomedical Laboratories, Inc.

CHEMISTRY ASSISTANT:  
July 1981 – March 1982  
Consolidated Biomedical Laboratories, Inc.

**Post-Graduate Courses  
and Seminars:**

PHARMACOLOGY 101

University of California at Davis, Spring 1988

QUALITY ASSURANCE IN THE FORENSIC LABORATORY

California Criminalistics Institute, Sacramento, CA 1997

HP MASS SELECTIVE DETECTOR HP-UX OPERATION:

Hewlett Packard Training Center, Atlanta, Georgia, March 1992

ADVANCED MASS SPECTRAL INTERPRETATION OF DRUGS OF  
ABUSE:

Finnegan MAT Institute, San Francisco, CA, October 1990

INTRODUCTION TO MASS SPECTRAL INTERPRETATION:

Finnegan MAT institute, San Francisco, CA, October 1990

DRUGS AND DRIVING SEMINARS:

California Association of Toxicologists, May 1990 & August 1983

MASS SPECTROMETRY, TECHNIQUES AND INTERPRETATION:

Hewlett Packard Analytical Group, Jan 1998

GC/CHEMSTATION OPERATOR TRAINING 5890/5895:

Hewlett Packard Analytical Group, Sept. 1988

STATE TECHNICAL EXCHANGE PROGRAM (STEP):

California dept. of Justice Criminalistics Laboratory System 1986-1997

FINNEGAN 4510 GCMS TRAINING COURSE:

Finnegan MAT Institute, April 1987

URINE DRUGS SCREENING WORKSHOP:

Analytical Systems (Marion Labs, Inc.) March 1986

CALIFORNIA ASSOCIATION OF TOXICOLOGIST SEMINARS:

1983-Present

**Professional Societies**

CALIFORNIA ASSOCIATION OF TOXICOLOGISTS

**Court Testimony Experience**

Qualified and testified as an expert witness in the field of toxicology in both superior and municipal courts in California. Testimony involved both analytical aspects of toxicology and pharmacological interpretation of the effects of drugs on people.