

# EXPERT WITNESS SERVICES, INC.

**Daniel W. Vomhof, Ph.D.**

## Career Summary

**FORENSIC CONSULTANT** - U.S. Customs 1969-74, Independent 1974-Present (3000+ cases)

**COURT QUALIFIED** - Several hundred cases-CA, NV, AZ, CT, MA, State/Federal

**CERTIFICATIONS** - Traffic Accident Reconstructionist, Forensic Examiner, Forensic Medicine, Document Examiner, Professional Chemist, Forensic Engineering & Technology

**PROFESSIONAL RECOGNITION** - Commendation for Research - National Bureau of Standards; Fellow - American Institute of Chemists; Fellow - American College of Forensic Examiners; Diplomate - American Board of Forensic Engineering and Technology; Diplomate - American Board of Forensic Medicine

### EDUCATION:

Ph.D. Biochemistry/Physiology, Genetics	University of Arizona	1967
M.S. Analytical Chemistry	University of Arizona	1966
M.S. Occupational Safety & Health	National University	1986 (Jan)
B.S. Manufacturing Engineering	National University	1986 (Jul)
B.A. Chemistry, Physics	Augsburg College	1962

### Post Graduate (Academic Institutions ONLY):

#### - Accident Reconstruction

Grossmont College - 1979 (Fire & Arson)  
Arizona State University - 1980 (Vehicle & Aircraft, Reconstruction & Biomechanics)  
Univ. No. Fla - Several 3-5 day courses 1983-1998, American Society of Metals - 1978, 1983  
Georgetown University - 1992 (Recon., Seatbelts, Airbags, Biomechanics of Injury)  
Ryerson Polytech. (Toronto, Canada) - 1992, Texas A&M (San Diego) - 1995 (Bicycles)

#### - Biomechanics

National Institute for Forensic Studies, Orange, CA - 1996, (*See also* Accident Reconstruction, Medicine)

#### - Psychology/Human Factors

SDSU - 1983, UC - Berkeley - 1990 (Ontario, CA), Univ. No. Fla (IPTM) - 1989

#### - Medicine

NYU Post-Graduate Medical School - Forensic Medicine 1979, 1980

#### - Neuropsychology

UCSD - (Brain, Intro. Clinical Neuropsychology) 1976, 1981

#### - Toxicology/DUI

Univ. No. Fla. - 1984, 1989, 1993, UCSD - 1977, 1978

#### - Questioned Documents

Grossmont College - 1978

### TEACHING:

Coleman College (1998-99) - Chair, Graduate Studies and Director of Distance Education; Taught Systems Analysis, developed new M.S. programs  
National University (1982-1994) - Chemistry for Safety Prof., Physical Hazards & Human Factors, Product Safety & Liability, OSHA & ADA Laws, Research, Machine Design  
Coleman College (1986-89 Chair), to Pres. (Adj.) - Physics (mechanics, optics, sound), Psychology, Algebra, Artificial Intelligence, Data Center Management, Emerging Technologies, Developing Knowledge Base Systems

### OTHER:

Director of Software Design and Development, 4N6XPRT Systems (1989-2000)  
Director of Regional Laboratory, U.S. Customs Region IX (Chicago, IL) (1969-1974)  
Safety Committees - Honeywell, Pillsbury, National. Bureau of Standards, U.S. Customs (1959-1974)

Published over a dozen scientific papers in peer reviewed journals; contributed chapters in books

10-20-2000

# EXPERT WITNESS SERVICES, INC.

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FORENSIC RESEARCH LABORATORIES

8387 UNIVERSITY AVE., LA MESA, CA 91941

(619) 464-3477

## RESUME

**Daniel W. Vomhof, Ph.D.**

### Education:

- Ph.D. Biochemistry-Physiology, University of Arizona, 1967.
- M.S. Occupational Safety, National University, San Diego, California, 1986.
- M.S. Analytical Chemistry, University of Arizona, 1966.
- B.S. Manufacturing Engineering Technology, National University, San Diego, California, 1986 (magna cum laude).
- B.A. Chemistry, Augsburg College, Minneapolis, Minnesota, 1962.
- Engineering Physics, South Dakota State University, Engineering College, Brookings, South Dakota, 1955-56, 1957-60.
- Engineering, U.S. Coast Guard Academy, New London, Connecticut, 1956-57.

### Post-Graduate Training:

#### Questioned Documents -

80 contact hours in the study of handwriting structure, styles, individual versus class features of writing and printing, 1970-71.

Cooperative study with document examiner for ATF, Chicago, 1971.

20 hour seminar on aspects of questioned documents by Linton Godown, 1973.

Eight hour seminar on aspects of questioned documents by Paul Osborne, grandson of Albert S. Osborne, 1978.

"Questioned Document Examination," Grossmont College, San Diego, California, 1978.

Association of Forensic Document Examiners (AFDE) meeting, El Paso, TX, 1996.

Continued studies in handwriting and hand printing styles from non-U.S. born and educated individuals, including writing from individuals educated in the Orient (Korea, Japan, Vietnam), the Middle East (Israel, Yemen, Saudi Arabia, Palestine, Egypt), Europe (England, Russia, Germany, France, Belgium, Spain, Portugal), Mexico and Central American studies on aging and the influence on handwriting/printing; Alzheimer syndrome and handwriting, medication and handwriting, and vision problems and handwriting. Other studies have involved posture and body position influences on handwriting.

**Toxicology/Chemistry/Medical/DUI -**

"Clinical Pharmacology of the Drug Alcohol", University of California - San Diego Extension, San Diego, CA, 1977.

"Pharmacology of Drugs and Drug Abuse Treatment", University of California - San Diego Extension, San Diego, CA, 1978.

"Forensic Sciences Symposium for Medical Examiners, Coroners, and Law Enforcement Personnel", New York University Post Graduate Medical School, City of New York, NY, 1979.

"Forensic Sciences Symposium for Medical Examiners, Coroners, and Law Enforcement Personnel", New York University Post Graduate Medical School and Office of the Medical Examiner, City of New York, NY, 1980.

"Industrial Toxicology I and II", National University, San Diego, CA, 1982.

"Drunk Drivers: Psychological, Physiological and Legal Dimensions of the Problem", San Diego State University, San Diego, CA, 1983.

"DUI Instructor", IPTM, University of North Florida, Jacksonville, FL, 1984.

"Winning Strategies in Drunk Driving Cases", Las Vegas, NV, 1984.

"Symposium on Alcohol and Drug Enforcement Techniques", IPTM, University of North Florida, Jacksonville, FL, 1989.

"Symposium on Alcohol and Drug Enforcement Techniques", IPTM, University of North Florida, Jacksonville, FL, 1993.

**Professional Employment:**

Coleman College, National University, U.S. Customs, CIRF Research Associates, University of Arizona, and others.

**Professional Recognition and Honors:**

**Special Citation, National Bureau of Standards, 1969.**

**Certified Questioned Document Examiner, certified by the Independent Association of Questioned Document Examiners, Inc., 1973-1985.**

**Certified Professional Chemist, American Institute of Chemists, 1978-present.**

**Professional Chemist, Accredited, American Institute of Chemists, 1963-1978.**

**Certified Instructor in Advanced Maintenance on the Gas Chromatograph Intoximeter, Intoximeters, Inc., 1982.**

**Special Achievement Awards, U.S. Treasury Department, 1971, 1973, 1974.**

**Certified by U.S. Customs in 1973 as a Qualified Questioned Document Examiner.**

**Evidence Photographers International Council, past member of the Board of Directors, past Vice President.**

**American Society for Testing and Materials, Committee E-30 in Forensic Science (has issued the only standard covering the qualifications and duties of document examiners).**

**Diplomate and Board Certified Forensic Examiner, American Board of Forensic Examiners.**

**Passed the Association of Forensic Document Examiners proficiency examination on the identification of authorship of a stolen check based upon photocopy samples of writing of three suspects.**

**Court:**

**Qualified and testified as a handwriting expert:**

**Federal District Court of San Diego, CA  
Federal District Court of Las Vegas, NV  
Federal District Court of New Haven, CT**

**Qualified and testified as a handwriting expert and on various other related document issues:**

**California Superior Courts in San Diego, Imperial, Orange, and Los Angeles Counties**

**California Municipal Courts in San Diego, Orange, Riverside, San Bernardino and Los Angeles Counties**

**Nevada Municipal Court in Clark County**

**California DMV Hearings - San Diego**

**Worker's Compensation Hearings - San Diego**

**Military Courts Marshall - USMC, San Diego**

**Additionally, qualified as an expert witness in numerous criminal and civil cases in the subject areas of questioned documents, toxicology, DUI, and other matters.**

NOV 21 1973

UNITED STATES GOVERNMENT

Memorandum

TO : See below

DATE: November 20, 1973

TEC-1-01-O:L:AMS

FROM : Regional Commissioner  
Region VII, Los Angeles

*FTS*  
*714-293-6490*

SUBJECT: Questioned document examination.

Recently Dr. Daniel W. Vomhoff, a chemist in the San Diego Branch Laboratory, was elected a full member of the "Independent Association of Questioned Document Examiners," an organization of Questioned Document Examiners from throughout the United States and Canada. Membership is by invitation only and is based upon training and experience in one or more areas of document examination.

Dr. Vomhoff's services in this field are available for official examination of questioned documents that are submitted by authorized Customs personnel.

Documents should be submitted accompanied by a completely filled out Laboratory Label (CF 6479). A laboratory report will be returned to the submitting officer, stating the findings.

*Albert C. Bergesen*  
ALBERT C. BERGEBSEN

Distribution:

- Regional Counsel
- Regional Security & Audit
- Special Agent in Charge, Los Angeles, Calif.
- Special Agent in Charge, Tucson, Arizona
- Special Agent in Charge, San Ysidro, Calif.
- District Director, Los Angeles, Calif.
- District Director, San Diego, Calif.
- District Director, Nogales, Arizona
- Director of Technical Services, Washington, D.C.

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VIA SATELLITE

THE NATION'S NEWSPAPER

# USA TODAY

NO. 1 IN THE USA... FIRST IN DAILY READERS

FRI./SAT./SUN., SEPT. 30-OCT. 2, 1994

## NEWSLINE

### Tailhook handwriting not Coughlin's

Handwriting on a "Leg Shave '91" poster from the 1991 Tailhook convention is not that of Paula Coughlin, the former admiral's aide who complained of being groped by drunken aviators at the convention, a handwriting expert testified. "She did not make the letter formation and pen movements on the poster," Daniel Vomhof testified at the Las Vegas federal trial of Coughlin's suit against the Hilton Hotel, site of the convention, Navy Lt. Rolando Diaz testified Coughlin, drunk and in uniform, had her legs shaved at a Tailhook party the night before she says she was sexually attacked in a gantlet of drunken aviators. Diaz said Coughlin, 32, signed a poster. Coughlin says she didn't attend the party.



AP  
**COUGHLIN:** Suing Hilton Hotel

Written by Paul Leavitt. Contributing: Gordon Dickson, Steve Marshall, Carrie Dowling and Leo Mullen

## Tailhook damages soar past \$6 million

*\$5 million added in punitive phase*

By MICHELLE DeARMOND  
Associated Press

LAS VEGAS — A federal jury yesterday ordered the Las Vegas Hilton and its parent company to pay former Navy Lt. Paula Coughlin \$5 million in punitive damages, bringing her total award to \$6.7 million.

The Las Vegas Hilton and Hilton



**Paula Coughlin**

Hotels Corp. were found guilty on Friday of failing to provide adequate security at the 1991 Tailhook convention, where Coughlin and more than 80 women say they were sexually assaulted by drunken Navy

Questioned Document Texts in EWS Library:

"Disputed Documents", Hanna F. Sulner, Oceana Press, 1966.

"Evidential Documents", 2nd Ed., Albert S. Osborne, Patterson-Smith, 1973.

"Insight" the quarterly Journal of the IAQDE, All issues since 1972.

"International Journal of Forensic Document Examiners", Shunderson Communications, Vol 1 #1 to present.

"ISQD - Identification System for Questioned Documents", Billy Prior Bates, Charles Thomas Publishers, 1970.

"Scientific Examination of Questioned Documents", Revised Ed., Ordway Hilton, Elsevier Publ. Co., 1982

"Suspect Documents - Their Scientific Examination", Wilson R. Harrison, Sweet & Maxwell, 1966.

"An Introduction to Criminalistics", O'Hara and Osterburg, 1972.

"Modern Criminal Investigation", Soderman and O'Connell, 1972.

"Criminalistics and Scientific Investigation", Cunliffe and Piazza, 1980.

"The Hand of Hauptman", Haring, 1937.

"Handwriting: A National Survey", Pigott (England), 1958.

"Penmanship and Psychological Tests", Thurstone and Trainor, 1934.

"Visual Space Perception", Ittelson, 1960.

"Human Spatial Behavior", Jakle, et al., 1976.

"Brain and Information", ed. Karrer (NY Academy of Science), 1984.

"Cognitive Psychology and Its Applications", Anderson, 1980.

"Modern Legal Medicine, Psychiatry, and Forensic Science", Curran, et al., 1980.

"Neuropsychological Assessment", Lezak, 1976.

"Visual and Auditory Perception", 1973.

"Kinesiology: Scientific Basis of Human Motion", Wells/Luttgens, 1976.