



CURRICULUM VITA

Peter D. Barnett

EMPLOYMENT:

SENIOR FORENSIC SCIENTIST, Forensic Analytical Sciences, Inc., 2011- present

PARTNER, Forensic Science Associates, 1978 - 2011

CONSULTING CRIMINALIST, 1971 - present

CRIMINALIST, Paul L. Kirk & Associates, Berkeley, California, July 1969 - January 1971

CRIMINALIST, San Diego Police Department, San Diego, California, July 1968 - July 1969

EDUCATION:

Graduate work in Criminalistics, University of California, Berkeley, 1969-1970

Bachelor of Science in Criminalistics, University of California, 1968

Attended San Francisco State University, September, 1965 - June, 1966, Major: Chemistry

Attended University of California, Berkeley,
September 1962 - January 1964, Major: Chemical Engineering

Attended University of Redlands, Redlands, California,
September 1960 - June 1962. Major: Engineering

EXPERIENCE:

Experienced in the examination and analysis of physical evidence including field and laboratory examination of all types of physical evidence and investigation of a variety of types of crime and accident scenes. With the San Diego Police Department, responsibilities included crime scene investigation, laboratory examination of evidence such as narcotics, blood samples (for alcohol and drugs), firearms, physiological fluid samples, trace evidence comparison (fibers, paint, hair, etc.), supervision of laboratory technicians, training of police officers, etc.

Consulting assignments beginning in 1969 with Paul L. Kirk and Associates have included a wide variety of incidents and many different types of physical evidence. Typical field assignments involve inspection of incident scenes, documentation and collection of physical evidence from those scenes, and the reconstruction of the incident. Typical laboratory assignments include examination of clothing for relevant physical evidence, examination of firearms and related forensic ballistic problems, trace evidence examination (hair, fibers, glass), document examination (handwriting, typewriting, ink comparison, altered or obliterated documents, FAX or photocopied documents, anonymous documents), and fingerprint examinations. Types of cases included death investigation (homicide, suicide, or accidental), assaults, automobile or other types of accidents, slip/trip and fall, industrial accidents, and personnel matters.

Consultation can be provided in preparing for the cross examination of expert witnesses, location of experts in specialized fields, and overall review of the physical evidence and technical aspects of pending litigation.

Clients include Private attorneys, public defenders, district attorneys, law enforcement agencies, corporations, insurance companies, unions, independent insurance adjusters, and private individuals.

Qualified as an expert witness in Superior Court in numerous counties of the State of California as well as in Nevada, Texas, Alaska, Washington, Oregon, Arizona, Colorado, Oklahoma, Hawaii, and Federal and Military Courts as well as Administrative hearings (DMV, NLRB). Have presented expert testimony regarding questioned documents examination, auto accidents, product liability, firearms and ballistics, physiological fluids, trace evidence, reconstruction of accident and crime scenes, and examination of various other types of physical evidence.

PROFESSIONAL AFFILIATIONS:

Fellow, American Academy of Forensic Sciences (Criminalistics Section)

Member, California Association of Criminalists

Member, American Society for Testing and Materials

Forensic Science Society, Great Britain (Affiliate)

CERTIFICATION:

Diplomate, American Board of Criminalistics

BOOKS

Ethics in Forensic Science: Professional Standards for the Practice of Criminalistics, New York: CRC Press (2001)

“Criminalistics,” in *McGraw-Hill Encyclopedia of Science and Technology 9th Edition*, McGraw-Hill Companies, 2002

TECHNICAL PAPERS

Whalley, R. and P.D. Barnett, **Legal vs. Forensic Definition of Under the Influence**, presented at the May, 1969 Semi- Annual Seminar of the California Association of Criminalists

Barnett, P.D. and R. Berger, **The Determination of the Age of Latent Fingerprints**, *J. Forensic Science Society*, 16 (1977) 249.

Barnett, P.D., **Trace Elements Analysis of Heroin by X-Ray Fluorescence**, presented at the 47th Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., **Comparison of Edges of Paper from Pads**, presented at the 54th Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., **Probabilities and Human Hair Comparison**, presented at the 55th Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., and Ogle, R.R., **Examination of Headlamp Filaments** presented at the October, 1980, Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., Blake, E.B. and Ogle, R.R., **The Role of the Defense Expert**, presented at the February, 1981 meeting of the American Academy of Forensic Science, Los Angeles, California.

Barnett, P.D., and Ogle, R.R., **Probabilities and Human Hair Comparison**, *J. Forensic Science*, 27 (1982):272-278

Barnett, P.D., **The Utility of On-Line Searching in the Crime Laboratory**, presented at the 58th Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., and Hurley, N.M., **Reconstruction of a Shotgun Shooting**, presented at the First Inter-American Congress of Forensic Sciences (Sacramento, California, November 1982)

Barnett, P.D., **A Systematic Approach to Trace Evidence**, presented at the May, 1983, Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., **Trace Evidence Examination - A Rapid Examination and Classification Scheme**, presented at the Spring, 1984 Seminar of the American academy of Forensic Science.

Barnett, P.D., **Interpretation of Trace Element Composition of Bullet Lead** presented at the May, 1984, Semi-Annual Seminar of the California Association of Criminalists.

Barnett, P.D., **Strong Negative Conclusions in Hair Comparison - A Rare Event**, letter *J. Canadian So. Forensic Science* 18(2): 69-70 June 1985

Barnett, P.D., **Ethical Considerations in the Practice of Forensic Science**, presented at the 192nd National Meeting, American Chemical Society (Anaheim, CA, September 9, 1986)

Barnett, P.D. and Blake, E.T., **Microscopic Comparison of Human Head Hair, Results of a Blind Trial Experiment**, presented at Inter-Micro-86 (Chicago, IL, July 24, 1986)

Barnett, P.D. and J. Super-Mihalovich, **Ricochet of Bullets from Automobile Windshields**, presented at the May 1989, Semi-Annual Seminar of the California Association of Criminalists (Sacramento, CA)

Barnett, P.D., **The Examination of Hanging Chads in Election Ballots**, presented at the May 1989, Semi-Annual Seminar of the California Association of Criminalists (San Mateo, CA)

Barnett, P.D. and Bagatelos, P.S., **Examination of Ballots in Contested Elections: Hanging Chads, Identifying Marks and Alterations**, presented at the American Academy of Forensic Science Annual Meeting (Anaheim, CA, February 22, 1991)

Barnett, P.D., **Microscopy of Foreign Bodies from Body Cavities**, presented at Inter-Micro 92 (Chicago, IL, July 13-16, 1992)

Bowman, D. and Barnett, P.D., **Deterioration of fibers in an Aquatic Environment: Preliminary Observations**, presented at Inter-Micro 92 (Chicago, IL, July 13-16, 1992)

Barnett, P.D., **Application of Multilinear Events Sequencing (MES) Analysis to the Reconstruction of a Shooting Incident**, presented at the May 1994, Semi-Annual Seminar of the California Association of Criminalists (Oakland, CA)

Barnett, P.D., **Current Status and Activities of ASTM Committee E-30 On Forensic Science**, presented at the May 1994, Semi-Annual Seminar of the California Association of Criminalists (Oakland, CA)

Barnett, P.D., **The Role of Standards in Forensic Science**, *Standardization News*, 23:24-27 (April 1995)

Barnett, P.D., **Standards Needs in Forensic Science**, presented to a seminar at the National Institute of Standards and Technology, Gaithersburg MD (June 15, 1995)

Barnett, P.D. and S.A. Shaffer, **Forensic Science on the Internet**, presented at the May, 1995, semi-annual seminar of the California Association of Criminalists, Walnut Creek, CA.

Barnett, P.D., **Methodological Approach to Crime Scene Investigation: The Dangers of Technology**, in Hicks, John, et al. *Forensic Evidence Analysis and Crime Scene Investigation*, SPIE Proceedings, Vol. 2941, 1997, pp. 102-108.

Barnett, P.D., **The American Board of Criminalistics Certification Program for Criminalists Specializing in Trace Evidence Examination**, presented at the July, 1997, Joint Seminar of the California Association of Criminalists and the Forensic Science Society (Harrogate, England)

Barnett, P.D., **Identification of Shoe Impressions from a Double Amputee: Is It Possible?**, presented at the July, 1997, Joint Seminar of the California Association of Criminalists and the Forensic Science Society (Harrogate, England)

Barnett, P.D. and S.A. Shaffer, **Digital Discovery - How to Provide It and How to Use It**, presented at the 91st Semi-Annual Seminar of the California Association of Criminalists (Monterey, CA, May 1998)

Barnett, P.D., **Comparison of Synthetic Fiber Types in Vacuum Debris from Different Households**, presented at InterMicro-98 (Chicago, IL, August 12, 1998)

Barnett, P.D., **Evaluation of the Significance of Trace Evidence: Three Cases**, presented at the Canadian Society of Forensic Sciences Meeting, (Wolfville, Nova Scotia, August 16, 1998.)

Barnett, P. D. **History of the San Francisco Microscopical Society**, presented at InterMicro-99 (June 28 - July 1, 1999, Chicago, IL)

Barnett, P.D., **Future of Hair Microscopy**, panel discussion at InterMicro-99 (June 28 - July 1, 1999, Chicago, IL)

Barnett, P.D. **Microscopy in Criminalistics: Past, Present and Future**, presented at the 1999 Pacific Conference on Chemistry and Spectroscopy (Ontario CA, October 6-8, 1999)

Barnett, P.D., **Reconstruction of the Shooting of a Dog**, presented at the 94th Semi-annual Seminar of the California Association of Criminalists (Ontario CA, October 14-16, 1999)

Barnett, P.D., **The Role of Forensic Science Professional Organizations in the New Millennium**, presented at the 94th Semi-annual Seminar of the California Association of Criminalists (Ontario, CA, October 14-16, 1999) and at the meeting of the Forensic Science Society, (Nottingham, England, November 5-7, 1999)

Barnett, P.D., **Culinary Forensics: Investigation of a Pizza**, presented at the 99th Semi-Annual Seminar of the California Association of Criminalists (San Francisco, CA, May 9-11, 2002)

Barnett, P.D., **Fact or Fiction: The Forensic Laboratory Report**, presented at the Joint Seminar of the Forensic Science Society and California Association of Criminalists (Oxford, England, March 19-22, 2003)

Barnett, P.D., **The Dropped Card: The Consequences of Not Playing with a Full Deck**, presented at the Joint Seminar of the Northwest Association of Forensic Scientists and the California Association of Criminalists (Reno, NV, April 8-11, 2003)

Barnett, P.D., **Obscuring the Obverse: The Obligations of Disclosure**, presented at the Annual Meeting of the American Academy of Forensic Sciences (Dallas, TX, February 16-21, 2004)

Barnett, P.D. **Disclosure: A Legal Obligation, a Professional Requirement, and a Scientific Responsibility**, presented at the 105th Semi-Annual California Association of Criminalist (Oakland, CA, May 9-13, 2005)

Barnett, P.D., **Bloody Fingerprint – Fresh Blood or Not?**, presented at the Annual Training Conference of the International Association of Bloodstain Pattern Analysts (Santa Barbara, CA, October 5-7, 2005)

Barnett, P.D., **Proficiency Testing: The Unintended Consequences**, presented at the Annual Meeting of the California Association of Criminalists (Los Angeles, CA, October 13-15, 2005)

Barnett, P.D., **After the Analysis: Establishing the Probative Value of Trace Evidence**, presented at the Trace Evidence Symposium, Clearwater Beach, FL, August 13-16, 2007.

Barnett, P.D. **Certification Programs for Criminalists - Historical Development**, *Forensic Sci. Review*, Vol. 20, No. 1, January 2008

Barnett, Peter, **After the Analysis: Establishing the Probative Value of Trace Evidence**, *Global Forensic Science Today*, Issue 5, April 2008

Barnett, P.D., **Teaching Professional Ethics: A case approach**, Presentation to the National Academies' Committee on Identifying the Needs of the Forensic Sciences Community, September 20, 2007

Barnett, Peter D., Jeffrey Thompson, Hiram Evans, Carolyn Gannett, and Peter DeForest, **Development of a Model National Code of Ethics for Forensic Scientists**. Presented at the Annual Scientific Meeting of the American Academy of Forensic Sciences, Chicago IL, February 21-26, 2011.

Barnett, P.D., **Effective Defense Investigation in a Trace Evidence Case: A Defense Perspective on the Nasmeh/Harms Case**. Presented at the 2012 Appellate Judicial Attorneys Institute, March 2012, Los Angeles, CA.

AWARDS

California Association of Criminalists
Service Award - 1977

California Association of Criminalists
Outstanding Service Award - 1984

California Association of Criminalists
Distinguished Service Award - 1989

California Association of Criminalists
Distinguished Member Award - 1992

OTHER ACTIVITIES

Moderator, Panel Discussion "Ethics in Forensic Science" at American Academy of Forensic Science Annual Meeting, 1984

Moderator, Special Session on "Applications of Computers in Forensic Science", American Academy of Forensic Science Annual Meeting, 1987

Editorial Secretary, California Association of Criminalists, 1985 - 1989

Membership Secretary, and Criminalistics Subcommittee Chairman, ASTM Committee E-30 (Forensic Science) 1989-1991

Chairman, ASTM Committee E-30 (Forensic Science) 1991-1993

Chairman, Hair and Fiber Peer Group, American Board of Criminalistics / California Association of Criminalists - 1991 to 2001

Member, Board of Examiners, American Board of Criminalistics, 1996-2004 (Chairman 2001-2004)

President-Elect, California Association of Criminalists, 1995-1996

President, California Association of Criminalists, 1996-1997

PERSONAL

Born May 22, 1943 in Pasadena, CA, married, 2 children