

# Peter Speth, MD

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## CURRICULUM VITAE

December 9, 2017

Birthplace: Cologne, Germany, May 29, 1936

Citizenship: U. S. A. (Naturalized)

Marital Status: Married (Two Children)

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Basic Sciences Premedical Education: University of Heidelberg, 1959 - 1962  
Heidelberg, Germany

Premedical Science exam "Vorphysikum," 1962 (with honors)

Medical Sciences & Clinical Medicine Education: University of Heidelberg, 1963-1968 (Tuition honors scholarship)  
Heidelberg, Germany

Medical Sciences exam "Physikum," 1964 (with honors)

Doctor of Medicine exam, 1968 (with honors)

Rotating Internship: (Surgery, Medicine & ER) University of Heidelberg Clinics,  
Ludwigshafen, Germany, 1969 - 1970

Residency: Anatomic Pathology New York University - Bellevue Medical Center, 1970 -1972  
550 First Avenue, New York, New York

Clinical Pathology Albert Einstein College of Medicine/ Medical Center, 1972 - 1974  
1300 Morris Park Ave., Bronx, New York,

Fellowship: Forensic Pathology: Sacramento/San Francisco Medical Examiner Offices, 1978 - 1979  
(associated with the University of California Davis & San Francisco)

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Research Fellowship and Pathology Teaching Appointments & Positions:

(during tenure as Medical Examiner in New Jersey, 1982-1992, formal teaching appointments were not permitted)

Albert Einstein College of Medicine, Bronx, N. Y., 1974

-- Research in clinical virology; teaching pathology to medical students.

Yale University/New York Medical College - associated hospitals, 1975 - 1976

(approved as Associate Clinical Professor)

-- On-service staff pathologist for Surgical Pathology (teaching pathology resident physicians)

Supervision of Microbiology & Immunology

In charge of Autopsy Service (teaching autopsy pathology to pathology resident physicians)

In charge of conducting Medical Mortality & Clinical/Pathology Conferences

Univ. of California San Francisco Medical Center, 1976 - 1977

(approved as Associate Clinical Professor)

-- On-service staff pathologist for surgical & autopsy pathology teaching resident physicians

Representative to Regional Tumor Board

Thomas Jefferson University Medical College - University Medicine & Dentistry of New Jersey,

-- Forensic Medicine instruction of medical students/residents, 1983 - 1991

Univ. of Pennsylvania Medical School

-- Pathology in-service for medical students / residents, 1984-1991

Academic Collaborator, 2013-present

Widner Law School / McGeorge University Law School

-- Guest lecturer in medico-legal issues, 1985-1999

Specialty Board Certifications:

Diplomat:	Anatomic Pathology,	American Board of Pathology, 1974
Diplomat:	Clinical Pathology,	American Board of Pathology, 1975
Diplomat:	Forensic Pathology,	American Board of Pathology, 1980
Certification:	Forensic Neuropathology	Univ. of Texas, 1980

Additional Training Workshops with certifications:

Natl. Assoc. of Traf. Accid. Reconstr. & Invest (NATARI): Adv'd. Acc. Invest. Techniques,. Oct. 1989.  
Am. Acad. of Forensic Science's Annual Workshops, 1980 - present;  
NJ State ME/Div. of Crim. Justice/NJ SIDS Workshops, 1982-1991

Past & Present State Licenses (Practice of Medicine and Surgery):

New Jersey	#MA 04074800
New York State	#121834 (expired)
Connecticut	#17196 (expired)
California	#30389 (expired)

Past & Present Professional Societies, Associations and Councils:

Fellow:.... College of American Pathologists, 1974-present  
Fellow:.... American Society of Clinical Pathology, 1974-present  
Fellow:.... National Association of Medical Examiners, 1980-present  
Past Fellow:.... American Academy of Forensic Sciences (1980-1997)  
Past Distinguished Member:.... National Assoc. of Traffic Accident Reconstructionists & Investigators (1989-1995)  
Past Member:.... New Jersey State Division, International Association for Identification (1989-1995)

Special Society Appointments:

Chairperson & Co-Chairperson, Inspection and Standards of Accreditation Committee  
National Association of Medical Examiners, 1986 - 1990.  
Program Chairman, National Meeting (Pathology/biology Section),  
American Academy of Forensic Sciences, 1987.  
Editorial Board, Am J. forensic Med and Path, 1982 - 1988.

Forensic Professional Appointments:

Certified Pathologist, Connecticut State Medical Examiner, 1975-1976  
Fellow in Forensic Pathology, Sacramento and San Francisco Medical Examiner Offices  
(associated with University of California) - 1978 - 1979  
Assistant County Medical Examiner, Ventura County, California - 1980 - 1981  
Associate Forensic Pathologist for San Bernardino County California - 1981 - 1982  
Assistant State & acting Gloucester County Medical Examiner, New Jersey (5-yr term) – 1982 - 1987  
Gloucester County Medical Examiner, Gloucester County, NJ (5-yr term) – 1987 - 1992

Retired from employment --- February 1992  
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Registered business in New Jersey - Private Expert Consultations in Forensic Pathology & Legal Medicine -- 1992-present

Retained as expert by Prosecutors and Defense Attorneys in criminal matters and retained by Plaintiffs' and Defense Attorneys in civil matters. --- Review files, photos and evidence, testify at depositions and in trials as expert.

Past experience: Anatomic pathology, clinical pathology, forensic pathology and forensic neuropathology  
(Past hospital/academic appointments; past medico-legal appointments and past and ongoing private consultations)

1) On-scene responsibilities at criminal & non-criminal forensic settings:

(an average of 120 scenes/year during the ten years 1982 to 1992)

(an average of 20 scenes/year during the prior years 1979 to 1982)

- routine determinations and correlations between forensic scenes, on the one hand, and victim's[s'] physical/medical and autopsy findings, on the other hand.
- routine cooperative interactions and assistance with law enforcement personnel.
- extensive on-scene determinations of time-of-death when applicable;
- determinations regarding activity of victims around time of incident/death.
- determinations as to whether victims were moved after incident/death.
- helping to identify evidence, especially fragile trace evidence, on or about victims/bodies that might otherwise be lost in transit.
- participation in documenting, photographing, recovering and preserving evidence.
- preliminary findings at scenes regarding apparent circumstances, manner and/or cause of incident/death; survivability and time period of survival.
- obtaining first-hand witness statements.
- in fatal & non-fatal vehicular crashes (20 to 30 per year during 1982 to 1992); aircraft crashes (approx. 12); railroad/vehicular (approx. 6); maritime (approx. 3):
  - > investigating human factors in causation & crash correlations.
  - > recognized expertise in kinematic determinations regarding occupant seating positions by correlating mutual transfer of evidence and injury effects between occupants & vehicular environment, coordinated with technical investigators & reconstructionists (recognized in this capacity in superior and municipal courts in criminal & civil cases).
  - > obtaining blood & urine samples from drivers/operators; interpreting and testifying to levels & effects of alcohol & drugs.
- in wielded & non-wielded blunt force, gunshot and cutting woundings --- correlating scenes with physical/medical & autopsies findings, interpreting and testifying regarding instrumentality, range, directionality, sequence, relative positions, postures, aggressive versus defensive wounds and survivability.
- determining circumstances surrounding product-related incidents/deaths (domestic & industrial), chemical/poisoning/toxic incidents/deaths, fire/electrical/explosion incidents/deaths, submersion/immersion incidents/deaths, asphyxial incidents/deaths, sexually related incidents/deaths (case manager for interpreting/describing/documenting/collecting/pressuring evidence in local sexual abuse/rape cases), abuse/neglect deaths, unexpected/sudden adult natural deaths, unexpected infant deaths, occult infectious disease deaths, etc.
- education of first responders with regard to preserving scenes and with regard to making observations as to what has been altered while performing life-saving measures & death assessments.
- assisting in the compassionate notification of next-of-kin.

2) Review of materials:

- In-depth review of many hundreds of records, reports (including lab reports), transcripts and communications, regarding medical, academic, criminal and civil matters, in hospital/medical and academic centers, for prosecutors, plaintiff & defense attorneys (involving natural, accidental, suicidal, criminal, wrongful deaths / malpractice/ therapeutic misadventures / product liability / drugs & alcohol, etc.).
- In-depth review of photos, and civil and criminal evidence, etc.

3) Autopsies: hospital/academic, official Forensic, and private consultative

- About 5000 personally-performed autopsies of all types, often in a teaching setting; supervision of about 500 additional autopsies.

4) Determinations, analyses, interpretations and correlations:

- etiologies (causes), pathogeneses, pathogenetic mechanisms, and circumstances of anatomic pathological, clinical pathological, neuropathological and forensic pathological findings
- interpreting & correlating medical, forensic and/or medicolegal issues

5) Depositions & Court Testimony (several hundreds):

- Testimony in many hundreds of depositions and in Municipal, Superior & Federal Courts on about 350 occasions, as fact-witness &/or expert, in criminal & civil matters regarding Coroner/Medical Examiner cases; consultant expert for prosecutors, plaintiffs' & defense attorneys in private cases (wrongful deaths / malpractice / therapeutic misadventures / product liability / drugs & alcohol, etc.).

5) Teaching, Seminars, Workshops, Meetings (often with handouts/instructional material):

- instructor/lecturer in various educational settings (for medical students, medical interns & residents, medical doctors, police, ambulance/rescue/fire/paramedic personnel, insurance & claims agents, lawyers/prosecutors/defense attorneys, law students, various professional societies/associations).
- presenter (reading of papers) at local/national /international meetings.
- continuing education at local, national & international seminars and meetings.

Services rendered to:

- 1) Hospital/academic centers
- 2) State Justice Departments, Attorneys General (Internal Affairs) & State Police (Internal Affairs) in California & New Jersey.
- 3) District Attorneys / Prosecuting Attorneys, and Public Defenders / Pool Attorneys in criminal matters in New Jersey, Pennsylvania, Georgia & California.
- 4) Plaintiffs' & Defense Attorneys in civil matters.
- 5) National Transportation Safety Board.
- 6) US Defense Department.
- 7) Law Schools.
- 8) Legislative bodies.
- 9) National Media (ABC Prime Time Live, NBC Now, Inside Edition), News Agencies (Los Angeles Times, New York Times, Detroit Free Press, the publication of The American Bar Association) & TV Series (Cosby Mysteries).
- 10) National Institutes of Neurological Diseases & Stroke, American Society of Testing & Materials, Brain Injury Association, Congressional Committee
- 11) Recently investigations into non-impact brain injuries on roller coasters with support from the US House of Representatives.
- 12) Recently voluntary expert services to the Shaken Baby Innocence Projects.

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