

Arthur R. Copeland,MD,PhD
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email2 expert3000@gmail.com
website <http://www.forensic-office.com>
weblog <http://expert3000.blogspot.com>

OBJECTIVE: to find a job in pathology,the laboratory,or biotechnology

EDUCATION

Bachelor of Science in Biology (B.S.)(Biomedical program)
Rensselaer Polytechnic Institute, Troy,NY
June, 1971

I receive a B.S. in Biology in the elite BIO-MEDICAL accelerated program with Albany Medical College. Very strong background in all areas of science,including computers(data processing). Other projects included Research Summer Project which lead to the Outstanding Research Prize for my project in "Retrograde Neuronal Atrophy in the Thalamus of the Rat"

Medical Doctor (MD)(combined MD/PhD Program in Molecular Biology)
Albany Medical College,Albany,NY
May,1976

I have a broadly based background in pathology and was in the bio-medical program (accelerated) plus the combined MD/PhD program in Pathology/Molecular biology. Strong skills in the laboratory including training in Enzyme histochemistry, Tissue/cell culture,Spectrophotometry,and Chromatography. Dissertation involved advanced mathematics and statistics. Extra curricular activity included working at Albany hospital as a technician in hematology,coagulation, and urinalysis

Doctor of Philosophy (PhD)(Molecular biology)
Albany Medical College, Albany,NY
May,1976

Combined MD/PhD program. Doctoral Dissertation: "Mathematical Constructs of Axonal Transport" Selected areas of study; Neurobiology,Mathematical Biology,Mathematical Modeling,Advanced Calculus, Differential Equations, Complex Variable theory, Laplace Transforms,Fourier Transforms,Formal training in Statistical Analysis and Probability Theory.Awards; Outstanding Summer Research Award, C.V. Mosby Scholarship Book Award for Scholastic Excellence.Based on my Dissertation, I served as a Consultant to the National Institute of Mental Health (

NIMH), Research Unit of St. Elizabeth's Hospital, Washington, D.C. Topic: The Use of Procion Dyestuffs as a Tracer of Neuronal Pathways in the CNS. My equations predict the travel of the Injectable Procion dye in the Neuron either by Diffusion or Axoplasmic Transport. Meaningful models are discussed

POSTGRADUATE EDUCATION

Intern (Straight pathology)

University of Washington, Seattle, WA

July, 1976-June, 1977

I completed a straight pathology internship. I received a solid introduction to pathology and research. Rotations included autopsy pathology at the University Hospital, Veteran's Hospital (VA), and the USPHS Hospital. Some time was also spent at the King's County Medical Examiner Office. Area wide conferences at the Harborview Hospital involved all areas of pathology, surgical pathology, thyroid pathology, breast pathology, neuropathology, dermatopathology, genitourinary pathology, renal pathology, advanced microbiology, advanced immunology, cytogenetics, and research

Residency (combined AP/CP residency)

University of Rochester, Rochester, NY

July, 1977-June, 1980

I completed a combined AP/CP residency in pathology with a solid background in pathology especially cytopathology and clinical pathology. I also was the Chief Resident in Clinical Pathology. Rotations included autopsy pathology, cytopathology, surgical pathology, neuropathology, and clinical pathology. Clinical pathology included blood bank, hematology, coagulation, microbiology, immunology, chemistry, and laboratory management. Extensive night call involved managing the blood bank. Extra curricular activity involved work at the American Red Cross blood bank involving Pheresis.

Fellow (Forensic pathology)

Southwestern Institute of Forensic Sciences (SWIFS), Dallas, TX

July, 1980-January, 1982

I was a Fellow In Forensic Pathology. I received comprehensive training in the field including Toxicology and the Crime Laboratory/Trace Evidence sections. I completed some 800 autopsies including Neuropathology and Cardiac pathology examinations . I completed autopsy reports. I visited about 25 scenes with the field agents(homicides, traffic accidents, natural deaths ,suicides). I also had courtroom experience in about 25 trials. I participated in research(Gunshot Wound analysis,

ballistics) and published two articles. I was accomplished enough to complete weekend "on call responsibilities" by myself.

Fellow (Surgical pathology)

Columbia Presbyterian Hospital, New York, NY

July, 1991-June, 1992

I was a Visiting Fellow in Surgical pathology . I grossed in specimens extensively. I signed out microscopic slides with most of the attending staff. I used diagnostic immunohistochemistry and special stains extensively. I performed frozen sections. I had electives in Cytopathology and GYN pathology . I participated in research and published two articles. I gave two major addresses/talks to the faculty and staff. I attended all conferences including "Blue tray" and "Black tray" conferences with noted scholars and world leaders of the field

Fellow (Chemical pathology/Clinical Chemistry)

UT MD Anderson Cancer Center, Houston, TX

July 1992-June, 1994

I was the Fellow and Junior Faculty Associate in Clinical Chemistry (chemical pathology). I have had extensive training in the laboratory including areas of Electrophoresis, Diagnostic Enzymology, Cardiac markers, Flow cytometry, Toxicology, and the DNA lab. Other on call responsibilities included clinical immunology, chemistry, hematology, coagulation, microbiology, blood bank, serology, donor room, and outpatient draw area. I participated in CAP Inspection Team activity and other areas of management(QA, QC, CQI). I participated in research and published two abstracts and one major article. I also gave two major addresses/talks to the faculty and staff. I participated in teaching Medical technology students.

ACCREDITATIONS

USMLE CERTIFIED? YES

Diplomate of the National Board of Medical Examiners, 1977

States in which actively licensed:

NEW YORK, CALIFORNIA, FLORIDA, TEXAS, OKLAHOMA, ARKANSAS

BOARD CERTIFICATION

Anatomic and Clinical Pathology, American Board of Pathology, May, 1980

Forensic Pathology, American Board of Pathology, May, 1981

Active Continuing Medical Education

PROFESSIONAL ORGANIZATIONS

Fellow, College of American Pathology (CAP)

Fellow, American Society of Clinical Pathology (ASCP)

Fellow, American Academy of Forensic Sciences (AAFS), Pathology/Biology section

Active Member, National Association of Medical Examiners (NAME)

Member, American College of Forensic Examiners International (ACFEI)

PATENTS/PUBLICATIONS

A. COPYRIGHTS

1. Copyright Office

The Library of Congress

Washington, DC 20559

Name Arthur Richard Copeland

Address Dept. of Pathology, University of Washington, Seattle, WA 98104

Title Mathematical Constructs of Axonal Transport

Date August 16, 1976

Registration Number A 777222

2. Xerox University Microfilms

300 North Zeeb Road

Ann Arbor, MI 48106

Author Arthur Richard Copeland

Publication number 76-18,130

Dissertation Abstracts International Volume 37/2, 1976

B.. BOOKS/DISSERTATIONS

1. Copeland, AR. PhD Dissertation: Mathematical Constructs of Axonal Transport, Albany Medical College of Union University, Albany, NY, 1976

C.. PUBLICATIONS (JOURNAL ARTICLES/ABSTRACTS)

1. Copeland, AR. Mathematical Constructs of Axonal Transport. I. Bulletin of Mathematical Biology 38: 425-435, 1976

2. Copeland,AR. Mathematical Constructs of Axonal Transport II. Bulletin of Mathematical Biology 38: 435-444,1976
3. Copeland,AR. An Improved Method of Gunshot Wound Examination. Journal of Forensic Science 26: 552-553,1981
4. Dimaio,V.,Copeland,AR,Besant-Matthews,P.,Jones,A.,Fletcher,L. Minimal Velocities for Perforation of Skin by Airgun Pellets and Bullets. Journal of Forensic Science 28: 894-899,1982
5. Copeland,AR. The Right to Keep and Bear Arms- A Study of Civilian Homicides in MetroDade County .Journal of Forensic Science 29: 548-591,1984
6. Copeland,AR. Deaths in Custody Revisited. American Journal of Forensic Medicine and Pathology 5: 121-124,1984
7. Copeland,AR. Seizure Disorders in the Medical Examiner Population. American Journal of Forensic Medicine and Pathology 5: 211-215,1984
8. Copeland,AR. Deaths during Recreational Activity. Forensic Science International 25: 117-122,1984
9. Copeland,AR. Homicide during Teenage years.Forensic Science International 25: 167-173,1984
10. Copeland,AR. Death Wearing a Badge. Forensic Science International 25: 175-179,1984
11. Copeland,AR. Accidental Death by Firearms. Forensic Science International 26: 25-32,1984
12. Copeland,AR. Vehicular Related Fatalities Among Teenagers-the MetroDade County Experience, 1978-1982. Medicine,Science and the Law 24: 265-268,1984
13. Copeland,AR. Natural Death at Work. Revista Italiana di Medicina ILgala Anno VI: 1109-1118,1984
14. Copeland,AR. Suicide at Work. Newsletter,Academie Internationale De Medecine Legale et De Medecine Sociale Number 8, January 14-22,1985

15. Copeland,AR. Homicide at Work. Journal de Medecine Legale Droit Medical 18: 19-27,1985
16. Copeland,AR. Fatal Occupational Accidents: The Five year MetroDade County Experience, 1979-1983. Journal of Forensic Science 30: 494-503,1985
17. Copeland,AR. Accidental Fire Deaths. Zeitschrift fur Rechtsmedizin 95: 71-79,1985
18. Copeland,AR. Suicidal Fire Deaths Revisited. Zeitschrift fur Rechstmedizin 95: 51-57,1985
- 19.Copeland,AR. Homicide by Fire. Zeitschrift fur Rechtsmedizin 95: 59-65,1985
20. Copeland,AR. Suicide in Childhood-the MetroDade County experience,1956-1982. American Journal of Forensic Medicine and Pathology 6:21-24,1985
21. Copeland,AR. Childhood Suicide a Report of Four Cases. Journal of Forensic Science 30: 965-967,1985.
22. Copeland,AR. Dyadic Death. Journal of the Forensic Science Society 25: 181-188,1985.
23. Copeland,AR. Fatal Accidental Falls in the Elderly. Medicine,Science, and the Law 25: 172-175,1985
24. Copeland,AR. Sudden Natural Death in Teenagers. Revista Italiana Legala Anno VII: 553-560,1985
25. Copeland,AR. Concepts in Survival from Lethal Handgun Wounds. American Journal of Forensic medicine and pathology 6: 175-179,1985.
- 26.Copeland,AR. An Assessment of Lung Weights in Drowing.American Journal of Forensic medicine and pathology 6: 301-304,1985
27. Copeland,AR. Teenage Suicide.Forensic Science International 28: 27-33,1985.
28. Copeland,AR. Teenage Non Vehicular Accidents Forensic Science International 27: 221-227,1985

29. Copeland,AR. Sudden Death in the Alcoholic. Forensic Science International 29: 159-169,1985
30. Copeland,AR. Vehicular Related Suicide. Revista Espanola de Medicine Legal Ano XII: 3-8,1985
31. Copeland,AR. A Protocol for Arson Deaths INFORM MI ANO 4,#12, pages 3 and 6, 1985
32. Copeland,AR. Police Shootings American Journal of Forensic medicine and pathology 7: 39-45,1986
33. Copeland,AR. Accidental Deaths in Childhood .American Journal of Forensic medicine and pathology 7: 100-104,1986
34. Copeland,AR. Homicide Among the Elderly. Medicine ,Science and the Law 26: 259-262,1986
35. Copeland,AR. The Pathology of Sudden Death in the Hypertensive. Medicine,Science and the Law 26: 158-166,1986.
36. Copeland,AR. True Vehicular Homicide American Journal of Forensic medicine and pathology 7: 305-308,1986
37. Copeland,AR. Asthmatic Deaths Forensic Science International 31: 7-12,1986.
38. Copeland,AR. Non Commerical Accidetnal Aircraft Fatalities. Forensic Science International 31: 13-20,1986
39. Copeland,AR. Spontaneous Bacterial peritonitis. A Report of a Case in the Non Cirrhotic Forensic Science International 31: 35-39,1986
40. Copeland,AR. Homicidal Drowning. Forensic Science International 31: 247-252,1986
41. Copeland,AR. Suicide in the Hospital. The Journal of the Forensic Science Society 26: 313-322,1986
- 42.Copeland,AR Traumatic Asphyxia-Caveat Scutator. Zeitschrift fur Rechtsmedizin. 96: 17-22,1986

43. Copeland,AR Vehicular Related Non Intentional Carbon Monoxide Fatalites. Zeitschrift fur Rechtsmedizin. 96: 291-296,1986
44. Copeland,AR. Non Commerical Water Transport (Boating) Fatalities. Zeithschrift fur Rechtsmedizin 96: 291-296,1986
45. Copeland,AR. Suicide Among the Elderly Medicine,Science and the Law 27: 32-36,1987
46. Copeland,AR. Natural Death at the Wheel-Revisted. Medicine,Science,and the Law 27: 106-113,1987
47. Copeland,AR. Suicide by Drowning . American Journal of forensic medicine and pathology 8: 225-228,1987
48. Copeland,AR. The Sudden Infant Death Syndrome Medicine,Science and the Law 27: 283-287,1987
49. Copeland,AR. Sudden Natural Death due to Pulmonary Thromboembolism in the medical examiner's Jurisdiction . Medicine ,Science and the law. 27: 288-293,1987
50. Copeland,AR. Ultralight Aircraft Fatalities a report of Five Cases. American Journal of forensic medicine and pathology 8: 296-298,1987
51. Copeland,AR. Deaths Resulting from Police Pursuit . American Journal of Forensic medicine and pathology 9: 228-232,1988
52. Copeland,AR. Panhypogammaglobulinemia masquerading as Child Abuse. Journal of Forensic Sciece 33: 1493-1486,1988
53. Copeland,AR. Organophosphate Related fatalites a violitional biohazard. Forensic Science international 39: 155-162,1988
54. Copeland,AR. Suicide among non whites. American journal of forensic medicine and pathology 10: 10-14,1989
55. Copeland,AR. Accidental falls at Work. American Journal of forensic medicine and pathology 10:17-21,1989
56. Copeland,AR. Traffic Related Fatalites among the Elderly. Medicine Science and the Law 29: 159-161,1989

57. Copeland,AR. Accidental railway related fatalities. American Journal of forensic medicine and pathology 10: 296-200,1989
58. Copeland,AR. The Microscopic pathology of the liver in Fatal cocaine Intoxication. The Journal of the Forensic Science Society 29: 185-189,1989
59. Copeland,AR. Suicide by Jumping from Buildings American Journal of forensic medicine and pathology 10: 295-299,1989
60. Copeland,AR. Multiple Homicides American journal of forensic medicine and pathology 10: 206-209,1989
61. Copeland,AR. Fatal Suicidal hanging among Prisoners in jail. Medicine,Science and the Law 29: 341-345,1989
62. Copeland,AR. Homicide in the Hospital. Journal de medicine legale Drotitmedicall 33/3 159-1645,1990
63. Copeland,AR. Pedestrian fatalities. American Journal of forensic medicine and pathology 12(1) 40-44,1991
64. Copeland,AR. Childhood firearm fatalities. Southern medical journal 84(2) 175-178,1991
65. Copeland,AR. Suicide among AIDS patients. Medicine Science and the Law 33(1) : 21-28, 1993
66. Copeland,AR.,O'Toole,K.Chadburn,A.,Greenebaum,E Megakaryocytes in Bronchial Brush Cytology. Acta Cytologica 37(3) : 400-402,1993
67. Greenebaum,E.,Copeland,AR, Grewal,R Crack: A New Cause of Black Lung? American Journal of Clinical pathology 100: 481-487,1993
68. Copeland,AR. "Letter to the Editor: Re; Author's Response concerning Parahypogammaglobulinemia. Journal of Forensic Science, Nov. 1989
69. Copeland,AR, Liu,F. Glassman,A.,Bueso-Ramos,C.,Albitar,M. An Unusual case of hairy Cell Leukemia Variant with IgA lambda and IgG lambda Biclinal Paraproteinemia. Program and Abstracts of the Association of Clinical Scientists May 10-14,1995 Houston,TX USA,p.12.

70. Liu,F.,Copeland,AR,Sim,S.,McCarron,S. Fritsche,H.,Glassman,A. Clinical significance of abnormal Serum Creatine Kinase (CK) isozyme electrophoresis patterns in cancer patients. Program and Abstracts of the Association of Clinical Scientists May 10-14,Houston,TX,USA, p. 10

71.Copeland,AR.,Bueso-Ramos,C.,Liu,F.,Kornblau,SM,Huh,YO,Albitar,M. Molecular Study of hairy Cell Leukemia Variant with Biclonal paraproteinemia Archives of pathology and Laboratory medicine 121: 150-1454,1997

72. Copeland,AR. Letter to the Editor concerning adequacy of pathology Resident Training for employment : a survey Report from the Future of pathology task force. Archives of pathology and laboratory medicine 131: 1767,2007

73. Copeland,AR. Commentary on" Gill,JR,Pasquale-Styles,M. Firearm deaths by law enforcement. Journal of Forensic Science. 54(3); 732,2009

REFERENCES

ADDITIONAL REFERENCES AVAILABLE UPON REQUEST

1. Dr. Benjamin Lichtiger
Director of Laboratories and Assistant Hospital Director
UT MD Anderson Cancer Center
1515 Holcombe Blvd.
Houston,TX 77030
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email blichtig@mdanderson.org

2.Dr. Charles C. Marboe
Professor of Pathology
Department of Pathology
PH 15 WEST
NY Presbyterian Hospital
630 West 168th Street
New York,Ny 10032
phone 212-305-8063
email ccm1@columbia.edu

3. Dr. Steve Cohle
Forensic Pathologist
Department of Pathology
Spectrum Health Care-East Campus

1840 Wealthy street SE
Grand Rapids,MI 49506
phone 616-774-7499
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4. Dr. Mike McGinnis
Pathologist
Department of Pathology
Centrastate medical center
901 West Main Street
Rte 537
Freehold,NJ 07728
phone 732-294-2903
email mmcginnis@centrastate.com

5. Dr. Frank Liu
Pathologist (Retired)
Former Director of Chemical pathology
Training Program at
UT MD Anderson Cancer center
1910 Gray Birch Drive
Sugar land,TX 7747
phone 281-585-9520
email frankjliu_1139@yahoo.com

SKILLS

Pathology, Anatomic pathology,Clinical pathology,Forensic pathology, Gross dissections, Microscopic diagnosis, Histology, autopsy, surgical pathology,cytopathology,cytology,diagnostic imunohistochemistry, frozen sections,bone marrows, tissue/cell cultures, mathematics,statistics, computers, spectrophotometry, chromatography, laboratory medicine, chemical pathology,clinical chemistry, toxicology(EMIT,GC/MS,HPLC), dry reagent methods(KODAK EKTA CHEM) EIA,ELISA,TDM,electrophoresis, diagnostic enzymology, clinical immunology, flow cytometry, POCT("point of care testing),ASR (analyte specific reagent), molecular biology, DNA laboratory, RFLP,PCR,S-phase, Ploidy, hematology, bone marrow aspirates, coagulation (INR), microbiology ,blood bank, donor room, outpatient testing, serology (HIV testing, AIDS testing, hepatitis testing) , laboratory mangement (CLIA,HIPAA,QA,QC,CQI) committee work, budget/fiscal,laboratory inspections (CAP team), publications,technical writing, public speaking,presentations, teaching,research, courtroom testimony, depositions, forensic autopsies, forensic reports, scene visitations (`scenes)

,photography(35 mm SLR camera work at crime scenes) ,applied epidemiology,
statistical analysis of data ,clinical outcome data,
website <http://www.forencis-office.com>
weblog <http://expert3000.blogspot.com>

ACADEMIC EXPERIENCE

ACADEMIC APPOINTMENTS

1980, Chief Resident in Clinical pathology, Department of pathology and laboratory medicine, Strong memorial hospital/University of Rochester,Rochester,NY 14620

1981-1982, Instructor, Department of Pathology, Parkland Hospital/University of Texas Health Science Center at Dallas/Southwestern medical School,Dallas,TX 75235

1982-1991, Clinical Assistant Professor of pathology, Department of pathology, University of Miami Medical school, Miami,FL 33136

1991-1992, Visiting Fellow in surgical pathology,Department of pathology at the Presbyterian hospital in the City of New York, and Officer of Columbia University, New York,NY 10032

1992-1994, Fellow and Junior Faculty associate Department of Laboratory Medicine, Ut MD Anderson Cancer Center, Houston,TX 77030

COMMITTEE WORK

1986-1989, Chairman, Subcommittee to Study Contractual arrangements in Forensic pathology. National Association of medical Examiners (NAME),Atlanta,GA30301

1994, Member, Health services research working group/patient care,Managed health care(clinical outcomes), UT MD Anderson Cancer Center,Houston,TX 77030

TEACHING EXPERIENCE

UNIVERSITIES

1977-1980, Sophomore medical Student Pathology Course, University of Rochester, Rochester,NY 14620

1982-1983, Sophomore Medical Student pathology Course, University of Miami Medical School, Miami, FL 33136

1983-1989, Combined PhD to MD Student Pathology Course, University of Miami Medical School, Miami, FL 33136

1989 Traffic Fatalities in Forensic Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15260

1991 Megakaryocytes in Bronchial Brush Cytology leading to a Diagnosis of myelodysplastic syndrome. Surgical pathology Rounds, Columbia Presbyterian medical Center, New York, NY 10032

1991. The Surgical pathology of Borderline Mucinous Tumors of the Ovary. Surgical pathology Rounds, Columbia Presbyterian Medical Center, New York, NY

1991 Bone Transplantation. Chief of Services Rounds .Department of pathology, Columbia Presbyterian medical center, New York, NY 10032

1992. The Molecular biology of intra Retinoic binding protein/Vitamin A metabolism, Chief of Services Rounds, Department of pathology, Columbia Presbyterian medical center, New York, NY 10032

1993. The Molecular Aspects of lipoprotein lipase. Topics in Laboratory medicine Rounds, UT MD Anderson cancer Center, Houston, TX 77030

1994. New Whole Blood analyzers and their Implications for managed health care and fiscal responsibility in the Clinical Laboratory ("POCT", Point of care Testing) Topics in laboratory medicine Rounds, UT MD Anderson cancer Center, Houston, TX

2001. The Surgical pathology of the eye-Six (6) Interesting cases. Visiting lectureship/Seminar, Department of Clinical pathology, SUNY Upstate medical center, Syracuse, NY 13210

MEDICAL TECHNOLOGY PROGRAM

UT MD Anderson Cancer Center, Houston, TX 77030

1993. Testing of Liver function including Bilirubin metabolism and review of hepatitis serology with 5 (five) case presentations

1994. Lipids and Lipoproteins

1994. Polymerase Chain reaction (PCR) in Clinical and laboratory medicine.
diagnostic Molecular Microbiology

LAW ENFORCEMENT AGENCIES

1983. Metropolitan Dade county Police department, Traffic homicide investigators course, Miami, FL 33136

1984. Metropolitan Dade county Police department. Reserve officers Course, Forensic Science, Miami, FL 33136

1984-1989, International Association of Chiefs of Police, Analysis of Gunshot wounds, Analysis of Police shootings and Analysis of Police officer fatalities, Miami, FL 33136

1986 Explosives, Terrorists, Bombs, Cocaine and Drug Deaths. Western Conference on Civil and Criminal Problems, Wichita, KS 67202

COMMUNITY LECTURES

1983-1989, Trauma Nurses Course, Gunshot wounds, Parkway Regional medical Center, Miami, FL 33136

1983-1989, Forensic Science, Various High schools, Miami, FL 33136

1987, The Shroud of Turin, Knights of Columbus Guest lectureship, Hialeah, FL 33013

AWARDS AND HONORS

1970, Outstanding Summer Research Award, Albany Medical College, Albany, NY 12208

1970. CV Mosby Scholarship Book Award for Scholastic Excellence. Albany Medical college, Albany, NY 12208

1987 Medal of Honor. American Biographic Institute, Raleigh, NC 27601

1988. International leader in Achievement, World Leadership. International Biographic Center, Cambridge England CB2 3QP, UK (First edition)

1990 Who's Who in the South and Southwest. Marquis Who's Who, New Providence, NJ 07974

2006/2007 Who's Who. Madison Who's Who. Long Island City, NY 11101

LITERATURE CITATIONS

(As quoted in Peer reviewed Scholarly journals)

2004, Copeland, AR Cited Reference by Author, Online ISI Web of Knowledge (Web of Science) www.isinet.com <http://isi3.isiknowledge.com>

WORK EXPERIENCE

May, 2002-Present Consultant Houston, TX
website
<http://www.forensic-office.com>

weblog
<http://expert3000.blogspot.com>

medicolegal consultant and expert witness. Technical adviser to attorneys at law on matters pertaining to anatomic, clinical and forensic pathology. Civil matters involve legal medicine and medical malpractice involving pathology and laboratory medicine. Criminal matters involve forensic medicine and forensic pathology. Forensic advice is offered on the determination of the cause of death.

July, 1994-May, 2002 Pathologist. Arthur Copeland, MD, Houston, TX

Anatomic, Clinical and Forensic pathology. Locum tenens assignments in community hospitals in the Southwestern United States (TEXAS, OKLAHOMA, ARKANSAS, FLORIDA). a list of clients is available upon request. Surgical pathology, microscopic diagnosis, gross pathology, histology, autopsy, frozen section diagnosis, diagnostic immunohistochemistry (IHC), Cytology : GYN (PAP Tests) and NON GYN cytology , Fine needle aspirations, (FNA) (breast, thyroid, salivary gland, liver, pulmonary). Laboratory medicine, clinical chemistry, cardiac markers, diagnostic enzymology, hematology, bone marrows, blood bank, coagulation, serology, microbiology , clinical consultation with clinicians. Laboratory management. in addition to specific assignments , the following professional activities were performed during these years: guest lectureship in surgical pathology at an academic university medical center, applying for an

additional medical license in another state (AR).continuing medical educational activities, obtaining hospital privileges,business negotiations concerning practice opportunities,liability coverage issues for specific practice locales,,and advertising/networking for professional servics offered.Furthermore,I applied for staff positions with private practice groups,government agencies,academic institutions, university medical centers,and medical examiner offices. I applied to pathology training programs and clinical medicine training programs as well.

July,1992 - June,1994 Fellow in Laboratory medicine, UT MD Anderson cancer center, Houston,TX. Clinical chemistry (chemical pathology).electrophoresis, toxicology (including NIDA training), EIA,ELISA,TDM,dry reagent methods(Kodak EKTA CHEM) clinical immunology,flow cytometry, tumor markers, diagnostic enzymology, (cardiac markers), laboratory management ,CLIA,HIPAA,Point of care testing (POCT), budget/fiscal, research,teaching, "on call" responsibility for entire laboratory(clinical chemistry,stat lab, hematology,bone marrows, microbiology, blood bank,serology,donor room,(autologous blood donation),DNA laboratory (PCR,RFLP)

July,1991-June,1992. Fellow In Surgical pathology Columbia Presbyterian Hospital,New York,NY surgical pathology, anatomic pathology, frozen sections, cytology, GYN pathology, diagnostic immunohistochemistry (IHC),special stains,. research,teaching, Sphase, ploidy analysis ER/PR markers

July,1982- June,1991. Associate,Dade county medical examiner office, Miami,FL forensic pathology,autopsy pathology,reports, scene visitations (`scenes"),teaching,research, courtroom testimony, depositions, toxicology, camera work (35 mm SLR)

January ,1982-June,1982 Pathologist .St Anthony's hospital Oklahoma city,OK anatomic and clinical pathology. surgical pathology, autopsy, frozen section,special stains, cytology, toxicology, laboratory medicine. Firm of Snoddy,Violett,and Love,PC

July,1980-January 1982 Fellow and Faculty Staff Associate Dallas County medical examiner office,Dallas,TX forensic pathology,autopsy pathology,scene vistiations reports, toxicology ,crime laboratory /trace evidence, rape crises center court room testimony,depositions, resaerch teaching,promoted to assistant medical examiner and faculty associate at Parkland Memorial hospital /Southwestern medical school

July,1977-June,1980.Resident, University of Rochester medical center/Strong memorial hospital,Rochester,NY.
Assitant resident through Chief resident.

anatomic and clinical pathology(AP/CP)

anatomic pathology: autopsy,surgical pathology, neuropathology, cytology,

clinical pathology:clinical chemistry,blood bank,hematology,microbiology,serology

coagulation,clinical immunology

rotations through Strong memorial hospital and Genesee hospital

July,1976-June,1977 Intern University of Washington Affiliated

Hospitals,Seattle,WA straight pathology, autopsy, surgical pathology, cytology

rotations through University hospital,Kings county medical examiner office, USPHS

hospital, and Seattle Veterans Administration (VA) hospital