

**HUGH H. WEST, M.D., FAAEM, FACEP, SAEM  
EMERGENCY MEDICINE  
CURRICULUM VITAE  
JANUARY 2007**

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Attending Faculty, University of California San Francisco Medical Center,  
Emergency Department, Room L-138, Box 0208, San Francisco, CA 94143

**EDUCATION**

1960-65 Tulane University, New Orleans, LA, B.S. Chemistry  
1966-68 Louisiana State University School of Medicine, New Orleans, LA  
1968-70 Washington University School of Medicine, St. Louis, MO, M.D.  
1970-71 Washington University School of Medicine, Intern, Genl Surgery  
1971-73 Clinical Associate in Neurosurgery, NINDS, NIH, Bethesda  
1973-76 University of California, San Francisco, Resident, Neurology

**HONORS**

1967 Medical Student Research Fellowship, Louisiana Heart Association  
1968 Honor Student, Louisiana State University School of Medicine  
1969 Honors in Clinical Medicine, Washington Univ. School of Medicine  
1970 Senior Prize in Surgery, Washington University School of Medicine  
1970 Alpha Omega Alpha, Washington University School of Medicine

**MILITARY SERVICE**

1971-1973 Lt. Commander, U.S. Public Health Service, Bethesda, MD

**PROFESSIONAL ACTIVITIES**

1976- 2007 Emergency Medicine clinical practice  
1977-1978 Emergency Medicine Faculty, SFGH, San Francisco, CA  
1977-1996 Emergency Physician, Seton Medical Center, Daly City, CA  
1981-1996 Associate Director, Emergency Dept, Seton Medical Center  
1984-1997 Examiner, American Board of Emergency Medicine  
1992-1997 Emergency Medicine Faculty, UCSF Medical Center  
1994-2006 Emergency Physician, Santa Rosa Memorial Hospital, CA  
1998-1999 Medical Director, Emergency Dept, Santa Rosa Memorial  
1999- 2007 Emergency Medicine Faculty, UCSF Medical Center

**LICENSES, CERTIFICATION:**

1970 Medical licensure, Missouri (inactive)  
1971 Medical licensure, Maryland (inactive)  
1973 Medical licensure, California(active)  
1976 Medical Licensure, Hawaii (active)  
1976 Medical licensure, Utah (inactive)  
1971 Diplomate, National Board of Medical Examiners  
1981 Diplomate of American Board of Emergency Medicine  
1989 Recertification, American Board of Emergency Medicine  
1998 Recertification, American Board of Emergency Medicine  
2004 LLSA (Lifelong Learning Self-Assessment Test), ABEM  
2005 LLSA (Lifelong Learning Self-Assessment Test), ABEM

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**PROFESSIONAL SOCIETIES AND MEMBERSHIPS:**

1970-2007 Alpha Omega Alpha  
1976-1982 American College of Emergency Physicians  
1982-2007 Fellow, American College of Emergency Physicians  
1996-2007 Fellow, American Academy of Emergency Medicine  
1999-2007 Society for Academic Emergency Medicine  
2002-2005 Society for Airway Management  
2003-2007 UCSF Association of the Clinical Faculty

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**PUBLICATIONS:**

1. Zimny M, Carlson L, and West H: "Mitochondrial enzymes and neuronal ultrastructure in hypothermic ground squirrels and rats" Proc Int Union Physiol Sci 7:482, 1968.
2. Stewart L, Zimny M, and West H: "Mg-ATPase and succinic dehydrogenase in brains from hypothermic ground squirrels and rats" J Neurochem 17:285-287, 1970.
3. West H, Koslow M, and Ommaya A: "Arteriovenous malformations as a cause of progressive myelopathy" Neurol 22:403, 1972. (Read at the American Academy of Neurology, Twenty-fourth Annual Meeting, St. Louis, April 1972).
4. West H: "Medical Writing" (letter) NEJM 294:563, 1976.
5. West H: "Spontaneous subarachnoid hemorrhage with normal cerebral arteriography" Neurol 26:380, 1976. (Read at the American Academy of Neurology, Twenty-eighth Annual Meeting, Toronto, April 1976).

**PUBLICATIONS (CONTINUED):**

6. West H: "Treatment of spasmodic torticollis with amantadine: a double-blind study"  
Neurol 27:198-199, 1977.
  7. West H: "The Sphingolipidoses: An overview" Postgrad Med 61:90-95,  
1977.
  8. West H, Mani R, Eisenberg R, Teurk K, and Stucker T: "Normal cerebral arteriography  
in patients with spontaneous subarachnoid hemorrhage"  
Neurol 27:592-594, 1977.
  9. West H: "Improving reliability of angiographic findings" (letter reply)  
Neurol 27:1182-1183, 1977.
  10. West H: "A 'Ramparts' Image" (letter) JACEP 7:173, 1978.
  11. West H, Burton R, Roon AJ, Malone JM, Goldstone J, and Moore WS:  
"Comparative risk of operation and expectant management for carotid artery disease"  
Stroke 10:117-121, 1979.
  12. West H: "Pneumatocopy" Annals Emer Med 9:634-636, 1980.
  13. West H: "Topical anesthesia for nasogastric tube placement" (letter case report)  
Annals Emer Med 11:645, 1982.
  14. West H: "Toxicological Aspects of Case Reviewed" (letter reply)  
Annals Emer Med 12:465, 1983.
  15. West H: "Timing of Antibiotics in Sepsis" (letter) Annals Emer Med  
15:1120, 1986.
  16. West H: "Management of Wilderness and Environmental Emergencies"  
(book review) NEJM 320:1434, 1989.
  17. West H: "Clinical Procedures in Emergency Medicine: (book review)  
NEJM 326:1033, 1992
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**EMERGENCY MEDICINE ACTIVITIES:**

1. Surgery Internship: Barnes Hospital Emergency Department Rotation, Washington  
University School of Medicine, St. Louis, MO, 01/1971.
2. Emergency Medicine (part-time), MD and CA, approximately 1000 hours, 1973 to  
1976.

3. University of California Medical Center in San Francisco (UCSF) Neurology Residency Rotations at San Francisco General Hospital (SFGH) in Mission Emergency Department, San Francisco, CA: 12/1973, 01/1974, 03/1975.
4. University of California Medical Center in San Francisco (UCSF) Neurology Residency Consultation Service (includes Emergency Department), San Francisco:
  - 1) San Francisco General Hospital (SFGH) - 04/1975, 11/1975, 12/1975.
  - 2) San Francisco VA Hospital (Ft. Miley) - 09/1975, 10/1975.
  - 3) UCSF Medical Center (Moffitt Hospital) - 05/1976, 06/1976.
5. Faculty: San Francisco General Hospital (Mission Emergency) Nursing Staff Review Training Programs, Emergency Care Seminar, "Seizures," San Francisco, CA, 06/1974.
6. Faculty: Emergency Medical Technician (EMT) Course, "Emergency Management of Central Nervous System Problems: Trauma, Seizures, Stroke, Loss of Consciousness," John Adams Community College, San Francisco, CA, 03/1975.
7. Faculty: Continuing Education Course for Physicians, Emergency Medical Services and District Health Centers employees, San Francisco Department of Public Health, "Coma and Seizures," San Francisco, CA, 06/1975.
8. Faculty: Mobil Intensive Care Unit Nurses Training Program, Emergency Medical Services, Department of Public Health, "Coma, Seizures, Head and Neck Trauma," Ralph K. Davies Medical Center and the University of California Medical Center, San Francisco, CA, 11/1975 and 12/1975.
9. American College of Emergency Physicians (ACEP) membership, 1976 to present.
10. Cardiopulmonary Resuscitation Certification, Cardiopulmonary Resuscitation Instructor Certification, American Heart Association, Ralph K. Davies Medical Center, San Francisco, CA, 02/1976.
11. Emergency Physician with Hawaii Emergency Physicians Associated (HEPA), multiple hospitals in the state of Hawaii, 1976 to 1977.
  - 1) On Oahu - Castle, Wahiawa, Kuakini, Kahuku
  - 2) On Hawaii - Hilo, Kona, Lucy Henriques
  - 3) On Kauai - Kauai VA Hospital

12. Paramedic Base Station Physician, Hilo Hospital, Hawaii, including new paramedic program initiation (start-up), 1976-77.
13. Director (HEPA-Hospital Liaison Physician), Hilo Hospital, Hawaii, 1977.
14. Paramedic Liaison Physician, Seton Medical Center, Daly City, CA, 1977-78.
15. Paramedic Emergency Committee, San Mateo County, CA, 1977-78.
16. Attending Faculty, Emergency Medicine Fellowship Program, San Francisco General Hospital, Mission Emergency Dept., San Francisco, CA, 1977-78.
17. Education Committee, California Emergency Physicians (CEP), 1977-79
18. Faculty: Paramedic Tape Critiques and associated C.M.E. Lectures, San Mateo County, CA, 1977-1992.
19. Emergency Physician with California Emergency Physicians (CEP) at Mary's Help Hospital (Seton Medical Center), Daly City, CA, 1977-1996.
20. Paramedic Base Station Physician, Seton Medical Center, Daly City, CA, including new paramedic program initiation (start-up), 1977-1996.
21. Cardiopulmonary Resuscitation (CPR) Recertification, American Heart Association, Kuakini Medical Center, Honolulu, Hawaii, 01/1977.
22. Advanced Cardiac Life Support (ACLS) Certification, American Heart Association, St. Francis Hospital, Honolulu, Hawaii, 02/1977.
23. ACEP Legislative Leadership Conference, Washington, D.C. 04/1977.
24. Emergency Physician with Emergency Physicians, Inc. (EP), Mt. Diablo Hospital, Concord, CA, 08/1977-11/1977.
25. Paramedic Base Station Physician, Mt. Diablo Hospital, Concord, CA, including new paramedic program initiation (start-up),08/1977-11/1977
26. Paramedic Advisory Council, Contra Costa County, CA, 8/1977-11/1977
27. Lecturer: Emergency Medicine Fellowship at San Francisco General Hospital, "Neurological Examination and Trauma," San Francisco, CA, 09/1977.

28. Faculty: Continuing Medical Education Program, "Neurological Examination and Coma," Mt. Diablo Hospital, Concord, CA, 10/1977.
29. Attended "Trauma: Immediate Care," two day course in trauma and immediate evaluation of the trauma patient, sponsored by the University of California School of Medicine Extended Programs in Continuing Medical Education, Mary's Help Hospital (Seton Medical Center), Daly City, CA, 10/1977.
30. Attended "Postgraduate Institute for Emergency Medical Care: Symposium III. Subspecialties, Toxicology, Environmental, Legal," sponsored by the University of California, San Diego (UCSD), School of Medicine Continuing Education, and by California Emergency Physicians (CEP), San Diego, CA, 10/1977.
31. Paramedic Certification Board, San Mateo County, CA, 1978-1988.
32. Attended National EMT and Paramedics Symposium, Kansas City, MO, 02/1978.
33. Attended "Postgraduate Institute for Emergency Medical Care: Symposium I. Cardiology, Metabolic," sponsored by the UCSD School of Medicine Continuing Education Department and California Emergency Physicians, 05/1978.
34. Faculty: "Trauma," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 06/1978.
35. Attended "Postgraduate Institute for Emergency Medical Care: Symposium II. Trauma, General Surgery," sponsored by the UCSD School of Medicine Continuing Education Department and California Emergency Physicians, San Diego, CA, 07/1978.
36. Faculty: "Trauma," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 09/1978.
37. Attended "Basic Clinical EKG and Arrhythmia Management," an International Medical Education Corporation C.M.E. Course, New Orleans, LA, 11/1978.
38. Advanced Cardiac Life Support Provider Recertification, Seton Medical Center, Daly City, CA, 12/1978.
39. Faculty: Advanced Cardiac Life Support Course, Seton Medical Center, Daly City, CA, 12/1978.

40. Partnership Affairs Committee, California Emergency Physicians, Oakland, CA, 1979-1981.
41. Faculty: Emergency Nursing Course, Seton Medical Center, Daly City, CA, 05/1979.
42. Faculty: "Trauma," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 05/1979.
43. Faculty: Advanced Cardiac Life Support Course, Seton Medical Center, Daly City, CA, 10/1979.
44. Attended "Endurance Physiology," the 10th Annual AMJA Symposium, Honolulu, Hawaii, 12/1979.
45. Disaster Committee, Seton Medical Center, Daly City, 1980-1985.
46. Quality Assurance Program Coordinator, Emergency Department, Seton Medical Center, Daly City, 1980-1988.
47. Attended "Topics in Emergency Medicine," sponsored by UCSF Continuing Education Department, San Francisco, CA, 01/1980.
48. Attended "Advanced Problems in Cardiac Emergencies," CME course sponsored by the American Institute of Postgraduate Education, Snowbird, UT, 02/1980.
49. Attended "CREM II: Medicine, Pediatrics," (Comprehensive Review of Emergency Medicine) CME course sponsored by ACEP, New Orleans, LA, 05/1980.
50. Faculty: "Cardiorespiratory Emergencies," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 05/1980.
51. Advanced Cardiac Life Support Provider Recertification, Seton Medical Center, Daly City, CA, 09/1980.
52. Director, California Emergency Physicians (CEP) Emergency Services, St. Catherine Hospital, Half Moon Bay, CA, 1981-1982.
53. Board of Directors, California Emergency Physicians, Oakland, CA, 1981-1983.

54. Associate Director, Emergency Department, Seton Medical Center, Daly City, CA, 1981-1996.
55. Diplomate: American Board of Emergency Medicine, 1981 to present.
56. Attended "Pediatric Emergencies," CME course sponsored by the UCSD School of Medicine, Department of Continuing Education, Snowbird, UT, 02/1981.
57. Faculty: "Trauma," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, 05/1981.
58. Faculty: ACLS Recertification Course, Seton Medical Center, Daly City, CA, 05/1981.
59. Speaker: "Emergency Medicine, Police, and Paramedic Interactions," Broadmoor Police Department, Colma, CA, 06/1981.
60. Attended the 1981 Scientific Assembly, American College of Emergency Physicians (ACEP), New Orleans, LA, 09/1981.
61. Faculty: Advanced Cardiac Life Support Course, Seton Medical Center, Daly City, CA, 10/1981.
62. Elected to Fellowship, American College of Emergency Physicians, 1982 to present.
63. Speaker: "Emergency Department and Police Interactions," New Officer Training Class Lecture, Daly City Police Department, Daly City, CA, 01/1982.
64. Faculty: "Trauma," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 04/1982.
65. ACLS Provider Recertification, Seton Medical Center, Daly City, CA, 05/1982.
66. Attended the 1982 Scientific Assembly, American College of Emergency Physicians (ACEP), San Francisco, CA, 09/1982.
67. Lecturer: "Emergency Medicine Oral Boards," CEP Fall Partnership Meeting, Fallen Leaf Lake, Lake Tahoe, CA, 10/1982.
68. Chairman, Disaster Committee, Seton Med Center, Daly City, CA, 1983-84.

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69. Board of Directors, second term, California Emergency Physicians, 1983-86.
  70. Faculty: "Airway Management," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 02/1983.
  71. Speaker: "Emergency Medicine," Police Explorer Scout Meeting, Pacifica Police Department, Pacifica, CA, 03/1983.
  72. Speaker: "Police and Emergency Department Interactions," New Officer Training Class Lecture, Daly City Police Department, Daly City, CA, 09/1983.
  73. Board of Directors, Wilderness Medical Society, San Francisco, CA, 1984-85.
  74. Pharmacy Committee, Seton Medical Center, Daly City, CA, 1984-85.
  75. Board of Directors, Foundation for Human Science, San Francisco, CA, 1984-86.
  76. Examiner, American Board of Emergency Medicine, 1984-1997.
  77. Guest Faculty: "Operational and Emergency Medicine," Uniformed Services University of the Health Sciences (USUHS), Bethesda, MD, 01/1984.
  78. Faculty: "Management of Office Emergencies," C.M.E. Course for Physicians and Dentists, sponsored by The Foundation for Human Science, Aspen, CO, 02/1984.
  79. Attended "Current Emergency Diagnosis and Treatment," course sponsored by the University of California in San Francisco (UCSF) School of Medicine, San Francisco, CA, 04/1984.
  80. Attended "Mountain Medicine: 1984," course sponsored by the University of California, Davis, School of Medicine, Stanford Sierra Camp, Fallen Leaf Lake, Lake Tahoe, CA, 05/1984.
  81. Advanced Cardiac Life Support Provider Recertification, R. K. Davies Medical Center, San Francisco, CA, 07/1984.
  82. Speaker: "Computers in Emergency Medicine," California Emergency Physicians Partnership Meeting, Monterey, CA, 09/1984.

83. Speaker: "Kayaking and Whitewater Sports Injuries," Wilderness Medical Society, First Annual Meeting, Yosemite Valley, CA, 11/1984.
84. Faculty: "Cardiorespiratory Problems," Paramedic Continuing Education Module for San Mateo County, Seton Medical Center, Daly City, CA, 11/1984.
85. Medical Library Committee, Seton Medical Center, Daly City, CA, 1985-86.
86. Faculty: "Emergency Medicine for Health Professionals," C.M.E. Course, sponsored by The Foundation for Human Science, Sun Valley, ID, 01/1985.
87. Faculty: Advanced Cardiac Life Support Course, Seton Medical Center, Daly City, CA, 02/1985.
88. Faculty: Sierra Club and American Heart Association Course on Wilderness Emergencies, "Wild Rivers," San Francisco, CA, 04/1985.
89. Faculty: "Trauma," Paramedic Continuing Education Module for San Mateo County, "Head and Neck Trauma," Seton Medical Center, Daly City, CA, 04/1985.
90. Faculty: "Emergency Medicine for Health Professionals" C.M.E. Course, sponsored by The Foundation for Human Science, Honolulu, Hawaii 05/1985.
91. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 10/1985.
92. Speaker: "Whitewater Medicine," Continuing Medical Education Seminar for the Medical Staff, Seton Medical Center, Daly City, CA, 12/1985.
93. Utilization Review Committee, Seton Medical Center, Daly City, CA, 1986-96.
94. ACLS Provider Recertification, Seton Medical Center, Daly City, CA, 02/1986.
95. Faculty: ACLS Course, Seton Medical Center, Daly City, CA, 02/1986.

96. Speaker: "ACLS Algorithms and Protocols" and "Case Studies in Prehospital Care," presented to the EMS System of the U.S. Virgin Islands, Charlotte Amalie, St. Thomas, U.S. Virgin Islands, 02/1986.
97. Provider Certification, Advanced Trauma Life Support (ATLS), San Francisco General Hospital, San Francisco, CA, 04/1986.
98. Faculty: "Hypothermia," Paramedic Continuing Education Module for San Mateo County, "Environmental Emergencies," Seton Medical Center, Daly City, CA, 04/1986.
99. Consultant on "Emergency Physician Staffing of EMS Courses" to Muriel Mitchell, Coordinator of Medical Programs, City Colleges of Chicago, Programs for the Military - Europe Division, Weisbaden, West Germany, 04/1986.
100. Attended the "First Vienna Shock Forum" at Hotel Hilton, Vienna, Austria, 05/1986.
101. Guest Panelist, Thomas Edison School PTA Presentation for Drug Awareness Red Ribbon Week, Daly City, CA, 10/1986.
102. Attended "Pediatric Emergencies" Course sponsored by the American Health Consultants and the University of Pennsylvania School of Medicine, San Francisco, CA, 12/1986.
103. Instructor Certification, Advanced Trauma Life Support (ATLS), Stanford University Hospital, Stanford, CA, 01/1987.
104. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Dallas, TX, 01/1987.
105. Faculty: ACLS Course, Seton Medical Center, Daly City, CA, 02/1987.
106. Faculty: "Medical Emergencies" C.M.E. Course for Physicians/ Dentists, sponsored by The Foundation for Human Science, Sun Valley, 02/1987.
107. Attended "Pediatric Emergencies: The Second National Conference for Practitioners," Resource Applications, Inc., and the University of Pennsylvania School of Medicine, San Francisco, CA, 12/1987.
108. Reappointment: Examiner, American Board of Emergency Medicine, 1988-1997.

109. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Dallas, TX, 01/1988.
110. Advanced Cardiac Life Support Provider Recertification, Seton Medical Center, Daly City, CA, 02/1988.
111. Faculty: Advanced Cardiac Life Support Course, Seton Medical Center, Daly City, CA, 02/1988.
112. Attended the 1988 Scientific Assembly, American College of Emergency Physicians, New Orleans, LA, 09/1988.
113. Faculty: "Sepsis," Paramedic Continuing Education Module for San Mateo County, "Potpourri of Prehospital Emergencies," Seton Medical Center, Daly City, CA, 01/1989.
114. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Dallas, TX, 01/1989.
115. Lecturer: San Mateo County Paramedic CME Presentation "The Autonomic Nervous System," Sequoia Hospital, San Mateo, CA, 09/1989.
116. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 10/1989.
117. Recertification extending Diplomate status 10 years: American Board of Emergency Medicine, 1989.
118. Attended "The Emergency Physician as Expert Witness," sponsored by the Texas Chapter of the American College of Emergency Physicians, Dallas, TX, 02/1990.
119. Advanced Cardiac Life Support Provider Recertification, Hospital Consortium of San Mateo County, Burlingame, CA, 03/1990.
120. Faculty: Advanced Cardiac Life Support Course, Hospital Consortium of San Mateo County, Burlingame, CA, 03/1990.
121. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 10/1990.

122. Attended the "Postgraduate Institute for Emergency & Primary Care Physicians: Symposium I. Cardiology, Pulmonary, Neurology," sponsored by the UCSD School of Medicine Continuing Education Department, the American Institute of Postgraduate Education, and Scripps Memorial Hospital, San Diego, CA, 10/1990.
123. Emergency Medical Services Committee, Seton Medical Center, Daly City, CA, 1991-1996.
124. Faculty: ACLS Course, Hospital Consortium of San Mateo County, Burlingame, CA, 02/1991.
125. Basic Life Support Provider Recertification, Seton Medical Center, Daly City, CA, 11/1991.
126. Reappointment to Fellowship, American College of Emergency Physicians, 1992.
127. Attending Faculty, Emergency Department, UCSF School of Medicine, San Francisco, CA, 1992-1997.
128. Advanced Cardiac Life Support Provider Recertification, Hospital Consortium of San Mateo County, Burlingame, CA, 02/1992.
129. Attended "Advances in Emergency Medicine," sponsored by UCSF School of Medicine Extended Programs in Medical Education, San Francisco, CA, 04/1992.
130. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 10/1992.
131. Attended "Emergency Medicine & Acute Care: A Critical Appraisal/ Series 6" co-sponsored by Emergency Medical Abstracts and the California Chapter of the American College of Emergency Physicians, San Francisco, CA, 05/1993.
132. Emergency Physician, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1994 to 2004.
133. Basic Life Support Provider Recertification, Seton Medical Center, Daly City, CA, 01/1994.
134. Advanced Cardiac Life Support Provider Recertification, Hospital Consortium of San Mateo County, Burlingame, CA, 02/1994.

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135. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 04/1994.
  136. Attended "Emergency Medicine & Acute Care: A Critical Appraisal/ Series 7" co-sponsored by Emergency Medical Abstracts and the California Chapter of the American College of Emergency Physicians, San Francisco, CA, 05/1994.
  137. Attended "Advances in Emergency Medicine," sponsored by UCSF School of Medicine Office of Continuing Medical Education, San Francisco, CA, 04/1995.
  138. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 05/1995.
  139. Advanced Cardiac Life Support Provider Recertification, Hospital Consortium of San Mateo County, Burlingame, CA, 09/1995.
  140. Membership and Fellowship, American Academy of Emergency Medicine (AAEM), 1996 to present.
  141. Seton Medical Center Occupational Medicine Clinic, Daly City, CA, 03/1996-07/1996.
  142. Attended "Emergency Medicine & Acute Care: A Critical Appraisal/ Series 7" co-sponsored by Emergency Medical Abstracts and the California Chapter of the American College of Emergency Physicians, San Francisco, CA, 06/1996.
  143. Examiner: American Board of Emergency Medicine Examination, Part II (Orals), Chicago, IL, 10/1996.
  144. Professional Issues Committee, Emergency Department, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1997-1998.
  145. Capital Budget Committee, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1997-1998.
  146. Critical Care Committee, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1997-2000.
  147. Provider Certification, Advanced Trauma Life Support (ATLS), Santa Rosa Memorial Hospital, Santa Rosa, CA, 03/1997 (see 4/86).

148. Assistant Medical Director, Emergency Department, and Vice-Chairman, Department of Emergency Medicine, Santa Rosa Memorial Hospital, CA, 1997.
149. Advanced Cardiac Life Support Provider Recertification, Hospital Consortium of San Mateo County, Burlingame, CA, 09/1997.
150. Attended "Bedside Ultrasound in the Emergency Department" CME course sponsored Miller Radiology/ Cal ACEP, Redondo Beach, 09/1997.
151. Attended "Successful Customer Relations" CME course sponsored by InPhyNet Medical Management Institute, Santa Rosa, CA, 10/1997.
152. Attended "Reducing Delays in the Emergency Department," CME sponsored by Cambridge Health Resources, San Francisco, 11/1997.
153. Service Council, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1998
154. Ad Hoc Committee, Medical Staff Re-engineering, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1998-1999.
155. Recertification extending Diplomate status 10 years: American Board of Emergency Medicine, 1998.
156. Medical Director, Emergency Department, and Vice-Chairman, Department of Emergency Medicine, Santa Rosa Memorial Hospital, Santa Rosa, CA, 1998-1999.
157. Medical Executive Committee, Santa Rosa Memorial Hospital, CA, 1998-1999.
158. Credentials Committee, Santa Rosa Memorial Hospital, 1998 to 2003.
159. Attended the National Emergency Medicine Board Review Course sponsored by ACEP and EPMG, Los Angeles, CA, 08/1998
160. JCAHO Survey/ Review/ Accreditation (3 years) completion as Medical Director, Emergency Department, Santa Rosa Memorial Hospital, 1999.
161. American College of Surgeons (ACS) Level II Trauma Center Verification Review as Medical Director, Emergency Department, Santa Rosa Memorial Hospital, 1999.

162. Sonoma County Trauma Center Selection Review as Medical Director, Emergency Department, Santa Rosa Memorial Hospital, 1999.
163. Attending Faculty, Emergency Department, UCSF School of Medicine, San Francisco, 1999 to present.
164. Membership, Society for Academic Emergency Medicine, 1999 to present.
165. Attended "Emergency Department Ultrasound: A Hands-on Course" presented by Michael Heller MD and Scott Melanson MD, Santa Rosa, CA, 04/1999.
166. Pediatric Advanced Life Support (PALS) Provider Recertification, Santa Rosa Memorial Hospital, Santa Rosa, CA, 04/1999.
167. Basic Life Support Provider Recertification, CPR Center at UCSF Medical Center, San Francisco, CA, 08/1999.
168. Advanced Cardiac Life Support Provider Recertification, CPR Center at UCSF Medical Center, San Francisco, CA, 09/1999.
169. Attended "Emergency Medicine & Acute Care: A Critical Appraisal/ Series 19" co-sponsored by Emergency Medical Abstracts and the California Chapter of the American College of Emergency Physicians, San Francisco, CA, 06/2000.
170. Attended "29th Annual Topics in Emergency Medicine," presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 10/2000.
171. Advanced Cardiac Life Support (ACLS) Provider Recertification, Ohio ACEP Sponsored Course, Columbus, OH, 03/2001.
172. Advanced Trauma Life Support (ATLS) Provider Certification, Ohio ACEP Sponsored Course, Columbus, OH, 03/2001.
173. Pediatric Advanced Life Support (PALS) Provider Recertification, Ohio ACEP Sponsored Course, Columbus, OH, 03/2001.
174. Primary Care Physician, Guatemala Health Care Mission, sponsored by Westminster Presbyterian Church of Tiburon, Antigua, Guatemala, 03/2001.

175. Attended "ACEP Scientific Assembly 2001" sponsored by the American College of Emergency Physicians, Chicago, IL, 10/2001
176. Attended "Topics in Emergency Medicine" presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 10/2001.
177. Member, Association of the Clinical Faculty, UCSF Medical Center, 2003.
178. Member, Society for Airway Management, 2002 to present.
179. Attended the American College of Forensic Examiners Annual Meeting, Orlando, FL, 09/2002.
180. Attended "Street Level Airway Management (SLAM)" (One Day Emergency Airway Workshop) presented by James Rich MA CRNA, and the Airway Education & Research Foundation, Chico, CA 10/2002.
181. Attended "Topics in Emergency Medicine" presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 10/2002.
182. Attended "Pain Management Resources Conference" sponsored by Sutter Medical Center of Santa Rosa, Santa Rosa, CA, 11/2002.
183. Advanced Cardiac Life Support (ACLS) Provider Recertification, UCSF Medical Center, San Francisco, CA, 03/2003.
184. Pediatric Advanced Life Support (PALS) Provider Recertification, UCSF Medical Center, San Francisco, CA, 03/2003.
185. Attended "Introduction to Ultrasound" Course presented by the Office of CME, School of Medicine, UCSF Medical Center, San Francisco, CA, 4/2003.
186. Attended "BNP – Diagnostic & Therapeutic Advances in Acute Heart Failure" presented by Alan Maisel MD and Scios Inc., San Francisco, CA, 10/2003.
187. Attended "Topics in Emergency Medicine" presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 10/2003.

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188. Attended "Challenges of Managing Symposium " presented by the Mt. Zion Campus Committee/ Office of the Dean, UCSF School of Medicine, San Francisco, CA, 5/2004.
  189. UCSF First Year Medical Student Clinical Exam: Mini Observed Structured Clinical Examination Learning Environment Proctor, 06/2004.
  190. American Board of Emergency Medicine (ABEM) LLSA (2004 Lifelong Learning Self-Assessment Test) Completed 09/2004
  191. Attended "Topics in Emergency Medicine" presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 10/2004.
  192. Completed the American Board of Emergency Medicine "2004 Lifelong Learning Self-Assessment Test," online from San Francisco, CA, 9/2004
  193. Attended "ACEP Scientific Assembly 2004" sponsored by the American College of Emergency Physicians, San Francisco, CA, 10/2004
  194. Presented: "The Family Role in Emergency Department Resuscitation" UCSF Medical Center Emergency Department Faculty Retreat, Larkspur, CA, 5/2005.
  195. Provider Re-Certification, Advanced Trauma Life Support (ATLS), UC Davis Medical Center, Sacramento, CA, 5/2005.
  196. Member: Ad-Hoc Committee on Digital Chart implementation and incorporation and computerized order entry into the UCSF Medical Center Emergency Department, San Francisco, CA, 2005.
  197. Presented: "The Emergency Medicine Physician as Healer" UCSF Medical Center Emergency Department Faculty Retreat, Carmel Valley, CA, 10/2005.
  198. Attended "Topics in Emergency Medicine" presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 10/2005.
  199. Attended the Ultrasound Mini-Fellowship presented jointly by the UCSF Medical Center Emergency Department and Highland General Hospital Staff, San Francisco and Oakland, CA, 11/2005.

200. Attended "Essentials of Airway Management & Procedural Sedation Course" presented jointly by the American College of Emergency Physicians (ACEP), the California Chapter of ACEP, and the Los Angeles County/ USC Dept. of Emergency Medicine, Las Vegas, NV, 11/2005.
201. Certification in Emergency Medicine Ultrasound (FAST exam, AAA exam, Renal exam) UCSF Medical Center Emergency Department, San Francisco, CA, 2005.
202. Presenter and Discussant: "Efficacy of Surgical Intervention in Spontaneous Intracerebral Hemorrhage: A Multicenter International Trial" UCSF HGH Journal Club, San Francisco, CA, 11/2005.
203. Chairperson: UCSF Medical Center Emergency Department Faculty Finance Group, 11/2005
204. Completed the American Board of Emergency Medicine "2005 Lifelong Learning Self-Assessment Test," online from San Francisco, CA, 12/2005
205. Attended: UCSF Emergency Department Team Training Course with Dr. Michael Leonard, UCSF Library, San Francisco, CA 05/2006
206. Resident Teaching Conference (Presenter): Cervical Spine: "Clinical Clearance vs. Imaging" UCSF Medical Center Emergency Dept, San Francisco, CA, 06/2006
207. Resident Teaching Conference (Presenter): "Chest pain: Dissection" UCSF Medical Center Emergency Dept, San Francisco, CA, 06/2006
208. Resident Teaching Conference (Presenter): "Chest pain: LV Rupture" UCSF Medical Center Emergency Dept, San Francisco, CA, 06/2006
209. Resident Teaching Conference (Presenter): "Flank pain: Renal stone" UCSF Medical Center Emergency Dept, San Francisco, CA, 09/2006
210. Resident Teaching Conference (Presenter) "Postpartum:Endometritis" UCSF Medical Center Emergency Dept, San Francisco, CA, 09/2006
211. Nursing Staff Lecture (Presenter): "Cervical Spine Management" UCSF Medical Center Emergency Dept, San Francisco, CA, 09/2006
212. Resident Teaching Conference (Presenter): "Laceration: Foot" UCSF Medical Center Emergency Dept, San Francisco, CA, 11/2006

213. Attended "Topics in Emergency Medicine" presented by the Division of Emergency Medicine, Department of Medicine, UCSF School of Medicine, San Francisco, CA, 11/2006.

214. Attended: UCSF School of Medicine, Emergency Department Emergency Medicine Grand Rounds (CME various topics), 2006