

Jamie Marie Bigelow, MD, FCCP
Curriculum Vitae
(abbreviated format)

EDUCATION:

1979	Secondary School The Phillips Academy, Andover, MA
1985	B.A., Biology/Chemistry Barnard College, Columbia University New York, NY
1990	M.D., University of Miami School of Medicine Miami, Florida

POST GRADUATE TRAINING:

1990-1993	Internship and Residency, Internal Medicine New England Deaconess Hospital Harvard University Boston, Massachusetts
1993-1996	Fellowship in Pulmonary and Critical Care University of California, San Francisco San Francisco, California

ACADEMIC POSITIONS:

1996-1999	Chief, Division of Pulmonary Medicine East Bay Academic Physicians Alameda County Medical Center Oakland, California <i>Associated activities:</i> Medical Director, Dept. of Respiratory Therapy Director of TB Control, Alameda County Medical Center Member, Critical Care Committee Member, Quality Assessment and Improvement Committee
2003-2004	Clinical Instructor and Associate Physician Department of Medicine University of California, San Francisco San Francisco, California

OTHER MEDICAL POSITIONS:

1994-1996	House Physician, Doctors Hospital (formerly Brookside Hospital)
1996-1999	Covering Physician, East Bay Pulmonary Medical Group Doctors Hospital (formerly Brookside Hospital)
1997-2002	Instructor, Advanced Cardiac Life Support American Heart Association San Francisco Paramedics Association and Alameda County Medical Center
1999-present	Private Practice (solo) Pulmonary, Critical Care, Sleep and Undersea and Hyperbaric Medicine
1999-2005	Medical Director, Dept. of Respiratory Care Medical Director, Pulmonary Rehabilitation Program Saint Francis Memorial Hospital
2006-present	Consultative Staff, California Center for Sleep Disorders
2007	Sub-Investigator, Pacific Sleep Medicine
2007-present	Attending Physician, Baromedical Associates
2011-present	Medical Director, Hyperbaric Department Saint Francis Memorial Hospital

BOARD CERTIFICATION:

1993, 2003	Internal Medicine, American Board of Internal Medicine
1996, 2006	Pulmonary Medicine, American Board of Internal Medicine
1997, 2007	Critical Care Medicine, American Board of Internal Medicine
2007	Sleep Medicine, American Board of Internal Medicine
2011	Undersea and Hyperbaric Medicine, American Board of Preventive Medicine

LICENSURE:

1990-1993	Massachusetts 1053250
1993-Present	California G076533

HONORS:

1987	Recipient, American Cancer Society Student Fellowship for Summer Research
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RESEARCH SUPPORT:

1987	American Cancer Society Student Fellowship for Summer Research
1995-1996	Multidisciplinary Research Training Program in Lung Diseases HL07185

RESEARCH EXPERIENCE:

1983	Laboratory of Dr. Eric Kandel, M.D., Center for Neurobiology and Behavior, College of Physicians and Surgeons, Columbia University, New York, NY. Work included the study of the classical conditioning and neurophysiology of the <i>Aplysia</i> sea slug.
1983-1984	Laboratory of Dr. James Schwartz, M.D., Center for Neurobiology and Behavior, College of Physicians and Surgeons, Columbia University, New York, NY. Work included the cloning and sequencing of the gene for calmodulin in the <i>Aplysia</i> sea slug.
1984-1986	Laboratory of Dr. Richard Axel, M.D., Howard Hughes Medical Institute, College of Physicians and Surgeons, Columbia University, New York, NY. Work included the cloning and sequencing of various genes such as the lymphocyte markers CD4 and CD8, in addition to various neuropeptides in rat and the <i>Aplysia</i> sea slug.
1987-1988	Student Fellow in the Laboratory of Dr. Bonnie Blomberg, Ph.D., Department of Microbiology and Immunology, University of Miami School of Medicine, Miami, FL. Work included subcloning and sequencing the constant region genes of the lambda light-chain immunoglobulin.
1995-1996	Fellow in the Laboratory of Dr. V. Courtney Broaddus, M.D., Department of Pulmonary and Critical Care Medicine, University of California, San Francisco, CA. Work included characterization of the response of macrophages to exposure to asbestos.

SOCIETY MEMBERSHIPS:

Member, American Thoracic Society

Fellow, American College of Chest Physicians

UNIVERSITY AND PUBLIC SERVICE:

Teaching:

Section Leader, Medicine 111 University of California, San Francisco	1995, 1996
Section Leader, Chest ICM 132A University of California, San Francisco	1995
Attending, Pulmonary Service, full time Alameda County Medical Center	1996-1999

Lectures:

The Question of Tracheostomy in Mechanically Ventilated Patients Pulmonary Grand Rounds, University of California, San Francisco, CA	1993
The Pathophysiology of Hypoxia Induced Pulmonary Hypertension Pulmonary Grand Rounds, University of California, San Francisco, CA	1994
Pleural Effusions in the ICU Pulmonary Grand Rounds, University of California, San Francisco, CA	1994
Housestaff Lectures: approximately 2-4 per month Alameda County Medical Center, Oakland, CA	1996-1999
Nosocomial Pneumonia Chinese Hospital, San Francisco, CA Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA	1999
Dept. of Respiratory Therapy Lectures: one per month Saint Francis Memorial Hospital, San Francisco, CA	1999-2005
Updates in Mechanical Ventilation: Ventilation of Acute Lung Injury Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA	2000
Chronic Thromboembolic Disease or Is It? Dept of Med. Quarterly Meeting, Saint Francis Memorial Hospital, San Francisco, CA	2001
Pulmonary Issues in the ICU New Nursing Graduate Critical Care Program Saint Francis Memorial Hospital, San Francisco, CA	2002
Pulmonary Rehabilitation Course Lectures: three per month Saint Francis Memorial Hospital, San Francisco, CA	2001-2005

Lectures (continued):

Lung Volume Reduction Surgery Better Breather's Club, Saint Francis Memorial Hospital San Francisco, CA	2003
Case Presentation UCSF Clinical Cancer Update North Lake Tahoe, CA	2004
The Sepsis Protocol Dept of Med. Quarterly Meeting Saint Francis Memorial Hospital, San Francisco, CA	2004
Early Goal Directed Therapy and the Sepsis Protocol (with Jim Macho, MD) Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA	2004
Nursing New Graduate Course Pulmonary Medicine Saint Francis Memorial Hospital, San Francisco, CA	2004
Obstructive Sleep Apnea and the Heart Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA	2008
Central Sleep Apnea Dept of Med. Quarterly Meeting Saint Francis Memorial Hospital, San Francisco, CA	2008
Pneumonia in the Hospital Setting Town Hall Meeting Novartis, Emeryville, CA	2010
Sleep Apnea and Obesity Hypoventilation Disorder Nursing Education Course	2010
Hyperbaric Oxygen Therapy: Mechanisms and Indications Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA	2011
Interventional Pulmonary Medicine: the Grey Zone between Pulmonary Medicine and Thoracic Surgery Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA Grand Rounds, Mills Peninsula Hospital, Burlingame, CA	2011
Hyperbaric Oxygen Treatment 2012: Evidence-Based Indications (with Thomas Millington, MD) Saint Mary's Medical Center, San Francisco, CA	2012

Additional Course Work:

Scientific Writing Course Cardiovascular Research Institute, University of California, San Francisco	1996
Primary Training in Hyperbaric Medicine Undersea and Hyperbaric Medical Society / National Baromedical Services, Columbia, South Carolina	1999
Training in Sleep Medicine California Center for Sleep Disorders Oakland, California	2006-2007
Advanced Diving & Hyperbaric Medical Team Training Program Hyperbarics International, Key Largo, Fl	2010

PUBLICATIONS:

Journal Articles:

1. Buck, L.B., BIGELOW, J.M., and Axel, R. Alternative Splicing in Individual *Aplysia* Neurons Generates Neuropeptide Diversity. Cell, 51: 127-133, 1987.

Book Chapters:

1. BIGELOW, J.M. and Broaddus, V.C. Empyema and Lung Abscess. In: Pulmonary and Respiratory Therapy Secrets. Philadelphia: Hanley & Belfus, Inc., 1997.
2. BIGELOW, J.M. and Broaddus, V.C. Empyema and Lung Abscess. In: Pulmonary and Respiratory Therapy Secrets, 2nd ed. Philadelphia: Hanley & Belfus, Inc., 2002.