

*Curriculum Vitae*

**JAMIE MARIE BIGELOW, MD, FCCP**

**DIPLOMATE OF THE AMERICAN BOARD OF INTERNAL MEDICINE  
PULMONARY, CRITICAL CARE, SLEEP, UNDERSEA AND HYPERBARIC MEDICINE**

---

**EDUCATION:**

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

**POST GRADUATE TRAINING:**

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

**ACADEMIC POSITIONS:**

- 1996-1999**                      **Chief, Division of Pulmonary Medicine  
East Bay Academic Physicians  
Alameda County Medical Center  
Oakland, California**
- Associated activities:*  
    **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**
- 2007-2012**                      **Attending Physician, Baromedical Associates**
- 2013-present**                      **Attending Physician and Principle, Hyperbaric Consultants Medical  
Group**
- 2011-2014**                      **Medical Director, Hyperbaric Department  
Saint Francis Memorial Hospital**



**BOARD CERTIFICATION:**

1993, 2003, 2013	Internal Medicine, American Board of Internal Medicine
1996, 2006, 2016	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
------	---

**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.
------	---

**RESEARCH EXPERIENCE (con't.)**

- 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 *Aplysia* 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 *Aplysia* 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:**

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

**UNIVERSITY AND PUBLIC SERVICE (con't.)**

**Lectures:**

<b>The Question of Tracheostomy in Mechanically Ventilated Patients Pulmonary Grand Rounds, University of California, San Francisco, CA</b>	<b>1993</b>
<b>The Pathophysiology of Hypoxia Induced Pulmonary Hypertension Pulmonary Grand Rounds, University of California, San Francisco, CA</b>	<b>1994</b>
<b>Pleural Effusions in the ICU Pulmonary Grand Rounds, University of California, San Francisco, CA</b>	<b>1994</b>
<b>Housestaff Lectures: approximately 2-4 per month Alameda County Medical Center, Oakland, CA</b>	<b>1996-1999</b>
<b>Nosocomial Pneumonia Chinese Hospital, San Francisco, CA Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>1999</b>
<b>Dept. of Respiratory Therapy Lectures: one per month Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>1999-2005</b>
<b>Updates in Mechanical Ventilation: Ventilation of Acute Lung Injury Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2000</b>
<b>Chronic Thromboembolic Disease or Is It? Dept of Med. Quarterly Meeting, Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2001</b>
<b>Pulmonary Issues in the ICU New Nursing Graduate Critical Care Program Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2002</b>
<b>Pulmonary Rehabilitation Course Lectures: three per month Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2001-2005</b>
<b>Lung Volume Reduction Surgery Better Breather's Club, Saint Francis Memorial Hospital San Francisco, CA</b>	<b>2003</b>
<b>Case Presentation UCSF Clinical Cancer Update North Lake Tahoe, CA</b>	<b>2004</b>
<b>The Sepsis Protocol Dept of Med. Quarterly Meeting Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2004</b>

**Lectures (con't):**

<b>Early Goal Directed Therapy and the Sepsis Protocol (with Jim Macho, MD) Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2004</b>
<b>Nursing New Graduate Course Pulmonary Medicine Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2004</b>
<b>Obstructive Sleep Apnea and the Heart Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2008</b>
<b>Central Sleep Apnea Dept of Med. Quarterly Meeting Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2008</b>
<b>Pneumonia in the Hospital Setting Town Hall Meeting Novartis, Emeryville, CA</b>	<b>2010</b>
<b>Sleep Apnea and Obesity Hypoventilation Disorder Nursing Education Course</b>	<b>2010</b>
<b>Hyperbaric Oxygen Therapy: Mechanisms and Indications Grand Rounds, Saint Francis Memorial Hospital, San Francisco, CA</b>	<b>2011</b>
<b>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</b>	<b>2011</b>
<b>Hyperbaric Oxygen Treatment 2012: Evidence-Based Indications (with Thomas Millington, MD) Saint Mary's Medical Center, San Francisco, CA</b>	<b>2012</b>
<b>New Developments in Lung Cancer Screening and the Evaluation and Treatment of the Solitary Pulmonary Nodule (with Pierre Theodore, MD) Saint Mary's Medical Center, San Francisco, CA</b>	<b>2012</b>

**Additional Course Work:**

<b>Scientific Writing Course Cardiovascular Research Institute, University of California, San Francisco</b>	<b>1996</b>
<b>Primary Training in Hyperbaric Medicine Undersea and Hyperbaric Medical Society / National Baromedical Services, Columbia, South Carolina</b>	<b>1999</b>

**Additional Course Work (con't):**

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

**Extracurricular Activities:**

1987-1989	President, Physicians for Social Responsibility
1987-1989	Class Representative, University of Miami Society of Medical Women
1987-1988,1990	Participant, Florida Keys Annual Health Fair (a project sponsored by the University of Miami School of Medicine to provide health care screening for inhabitants of the Florida Keys)
1988	Participant, Miami Coalition for the Homeless
1988-1990	Volunteer, Camillus Health Concern (a volunteer clinic devoted to providing health care for the homeless of Dade County)
1989	Delegate to National Convention, Physicians for Social Responsibility
1989	Student Delegate to the Soviet Union, Physicians for Social Responsibility
1990	Host to Soviet Georgian Student Delegation, Physicians for Social Responsibility

**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.

