

**CURRICULUM VITAE**  
**Antonio R Anzueto M.D**

GENERAL INFORMATION

**PERSONAL DATA:**

**Address:** 7400 Merton Minter Blvd., 111E  
San Antonio, TX 78229-4404

**Phone Number:** (210) 617-5256

**Fax Number:** (210) 949-3006

**Email Address:** ANZUETO@UTHSCSA.EDU

**SELF DESCRIPTION:**

Birthplace: Guatemala City, Guatemala

EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
1979	MD	Medicine	Universidad de San Carlos de Guatemala, Guatemala City, Guatemala
1972	BS		Colegio Liceo Javier, Guatemala City, Guatemala

TRAINING:

Internship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1987	Internal Medicine	University of Texas Health Science Center at San Antonio, San Antonio, TX
1979	Internal Medicine	Hospital General San Juan de Dios, Guatemala City, Guatemala

Post Doctoral Fellowship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1991	Critical Care Medicine	University of Texas Health Science Center at San Antonio, San Antonio, TX
1990	Pulmonary Diseases	University of Texas Health Science Center at San Antonio, San Antonio, TX

Residency

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1988	Internal Medicine	University of Texas Health Science Center at San Antonio, San Antonio, TX

1981 Internal Medicine Hospital General San Juan de Dios, Guatemala City, Guatemala

**ACADEMIC APPOINTMENTS:**

09/2004 - Present Professor University of Texas Health Science Center at San Antonio, Department of Medicine, San Antonio, TX

09/1998 - 08/2004 Associate Professor University of Texas Health Science Center at San Antonio, Department of Medicine, San Antonio, TX

07/1992 - 08/1997 Assistant Professor University of Texas Health Science Center at San Antonio, Department of Medicine, San Antonio, TX

07/1991 - 06/1991 Instructor University of Texas Health Science Center at San Antonio, Department of Medicine, San Antonio, TX

02/1982 - 09/1983 Instructor Universidad Francisco Marroquin, Guatemala City, Guatemala

01/1982 - 09/1983 Other Faculty and Assistant Dean of Student Affairs Universidad Francisco Marroquin, Guatemala City, Guatemala

**NON-ACADEMIC APPOINTMENTS:**

01/2000 - Present Chief, Pulmonary Section The South Texas Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX

09/1996 - Present Medical Director, Pulmonary Function Laboratory The South Texas Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX

01/1995 - Present Director, Pulmonary Function Laboratory The South Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX

01/1995 - Present Medical Director, Respiratory Therapy Department The South Texas Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX

01/1995 - Present Medical Director Bronchoscopy Laboratory The South Texas Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX

01/1995 - Present Director Pulmonary Function Lab	University Hospital, San Antonio, TX
07/1992 - Present Director Pulmonary Service Spinal Cord Unit	The South Texas Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX
07/1992 - Present Staff Physician	The South Texas Veterans Health Care System, Audie L. Murphy Memorial Veterans Hospital Division, San Antonio, TX
07/1992 - Present Staff Physician	University Hospital, San Antonio, TX
10/1983 - Present Adjunct Scientist	Southwest Foundation for Biomedical Research, San Antonio, TX

**CERTIFICATION AND LICENSURE:**

***Board Certification***

<b><u>Description/Agency</u></b>	<b><u>Status</u></b>	<b><u>Date Acquired</u></b>	<b><u>Number</u></b>	<b><u>Expiration</u></b>
Internal Medicine - American Board of Internal Medicine	Certified	01/1996	128591	12/2006
Educational Commission for Foreign Medical Graduates - ECFMG	Certified	02/1988	326-423-1	n/a

***Certification***

<b><u>Description/Agency</u></b>	<b><u>Status</u></b>	<b><u>Date Acquired</u></b>	<b><u>Number</u></b>	<b><u>Expiration</u></b>
ACLS Provider - American Heart Association	Certified	01/2015	na	01/2017
Controlled Substance Registration Certificate - Drug Enforcement Administration	Certified	06/1997	BA2901266	06/2012
Texas Controlled Substances Registration Certificate - Texas Department of Public Safety	Certified	02/1994	R0079126	01/2012
Basic Life Support (BLS) Provider - American Heart Association	Certified	No/inni	n/a	08/2013

***License to Practice***

<b><u>Description/Agency</u></b>	<b><u>Status</u></b>	<b><u>Date Acquired</u></b>	<b><u>Number</u></b>	<b><u>Expiration</u></b>
Texas Medical Board License - Texas State	Certified	05/2013	J0425	05/2019

License

**HONORS AND AWARDS:**

- 01/1996 Top 20 Preceptors in the Advanced Physical Diagnosis Program
- 01/1996 Outstanding Teacher Award, Internal Medicine Housestaff
- 01/1994 Du Pont/American College of Chest Physicians Young Investigator Award
- 01/1991 Du Pont/American College of Chest Physicians Critical Care Research Award
- 01/1991 Du Pont/American College of Chest Physicians Young Investigator Award
- 01/1989 Outstanding Scientific Paper Presentation: awarded at the Annual Meeting of the Texas Thoracic Society, Austin, TX
- 01/1987 Intern of the Year Award
- 01/1987 Outstanding Scientific Paper Presentation: awarded at the Annual Meeting of the Texas Thoracic Society, Austin, TX
- 01/1985 Outstanding Scientific Paper Presentation: awarded at the Annual Meeting of the Texas Thoracic Society, Austin, TX

**PROFESSIONAL DEVELOPMENT:**

*Administrative*

<u>Date</u>	<u>Description</u>	<u>C.E.</u> <u>Units/Hours</u>
08/24/2011	HIPPA On-Line Course - 2011, HIPPA Privacy Training Level 2, University of Texas Health Science Center at San Antonio	0.00 / 0.00
10/08/2010	EEO, Diversity, and Conflict Management Training, Training for Managers and Supervisors, Audie L. Murphy Veterans Hospital Training	0.00 / 0.00
12/06/2006	UTHSCSA-Grand Rounds-The Many American Ways to Die, Ethics Course, University of Texas Health Science Center at San Antonio	1.00 / 1.00

*Clinical*

<u>Date</u>	<u>Description</u>	<u>C.E.</u> <u>Units/Hours</u>
05/14/2016	ATS American Thoracic Society CME 2016 Credits, PG19 COPD: A Dynamic and Evolving Disease	6.50 / 6.50
05/13/2016 - 05/18/2016	ATS 2016 International Conference-San Francisco, CA, American Thoracic Society Educational Activity	23.50 / 23.50

05/15/2015 - 05/20/2015	ATS 2015 International Conference, American Thoracic Society Meeting, Denver, Colorado.	24.50 / 24.50
09/07/2013 - 09/11/2013	The European Respiratory Society Congress Barcelona 2013, ERS ANNUAL CONGRESS 2013 in Barcelona from 7 to 11 September 2013	24.00 / 24.00
05/18/2013	American Thoracic Society International Conf-2013, PG9-Update in Chronic Obstructive Pulmonary Disease Management, Philadelphia, PA.	6.00 / 6.00
05/17/2013 - 05/22/2013	ATS 2013 International Conference - Philadelphia, Pennsylvania, American Thoracic Society Educational Activity	24.50 / 24.50
09/10/2012	ATS American Thoracic Society CME 2012 Credits, The American Thoracic Society (ATS) certifies Dr. Antonio Anzueto has participated in the " American Journal of Respiratory and Critical Care Medicine" activity titled Impact of Age and Comorbidity on Etiology and Outcome in Community-Acquired Pneumonia	2.00 / 2.00
09/07/2012	MST Mandatory Training for VHA Primary Care Physicians, VA Education System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.	1.00 / 1.00
07/24/2012	ATS American Thoracic Society CME 2012 Credits, Dr. Antonio Anzueto has participated in the " American Journal of Respiratory and Critical Care Medicine" activity titled Efficacy of Antibiotic Therapy for Acute Exacerbations of Mild to Moderate COPD	2.00 / 2.00
06/19/2012	ATS American Thoracic Society CME 2012 Credits, Dr. Antonio Anzueto has participated in the " American Journal of Respiratory and Critical Care Medicine" activity titled Efficacy of Antibiotic Therapy for Acute Exacerbations of Mild to Moderate COPD	2.00 / 2.00
05/18/2012 - 05/23/2012	American Thoracic Society-2012, The American Thoracic Society Council for continuing Medical Education to provide medical education for physicians. Held in San Francisco, California on May 18-23, 2012.	43.50 / 28.50
02/12/2012	ATS American Thoracic Society CME 2012 Credits, Dr. Antonio Anzueto has participated in the " American Journal of Respiratory and Critical Care Medicine" activity titled The Lung Tissue Microbiome in Chronic Obstructive	2.00 / 2.00

	Pulmonary Disease	
01/01/2012 - 12/31/2013	18th Annual Pulmonary, 18th Annual Pulmonary Evening Grand Rounds-St Luke's Hospital	2.50 / 2.50
10/05/2011	Research Activity Billing Trigger (RABT) in Clinical Trials, Office of Clinical Research On-Line Course, University of Texas Health Science Center at San Antonio	0.00 / 0.00
09/24/2011 - 09/28/2011	European Respiratory Society Congress Amsterdam - 2011, European Accreditation Council for Continuing Medical Education (EACCME) and European Board for Accreditation in Pneumology (EBAP).	24.00 / 27.00
07/16/2011 - 07/19/2011	XXV Congreso Venezolano de Neumonología y Cirugía de Torax, Conferencista Internacional, Maracibo, Venezuela - The Cardiopulmonary and Critical Care Journal (CHEST), Sociedad Venezolana De Neumonología y Cirugía Toracica (SOVETORAX), Asociacion Latinoamericana de Torax (ALAT)	24.00 / 24.00
05/13/2011 - 05/18/2011	ATS 2011 International Conference - Clinical Sessions, Attended Clinical Sessions - American Thoracic Society Conference, Denver, CO	28.00 / 28.00
01/26/2011	UTHSCSA-Grand Rounds - COPD is a Preventable and Treatable Disease, University of Texas Health Science Center at San Antonio, Dept. of Medicine	1.00 / 1.00
01/05/2011 - 01/05/2001	UTHSCSA - Grand Rounds - Acute Respiratory Distress Syndrome, University of Texas Health Science Center at San Antonio, Dept. of Medicine	1.00 / 1.00
09/18/2010 - 09/22/2010	Certificate of Attendance - Spain, European Respiratory Society Annual Congress, Barcelona, Spain	25.00 / 27.00
05/14/2010 - 05/19/2010	ATS 2010 - New Orleans, LA, Physician CME Credit Award, American Thoracic Society International Conference	29.00 / 29.00
10/14/2009	UTHSCSA - Grand Rounds -Infections in the Elderly, University of Texas Health Science Center at San Antonio	1.00 / 1.00
09/09/2009	UTHSCSA - Grand Rounds - Difficult to Control Asthma, University of Texas Health Science Center at San Antonio	1.00 / 1.00
08/19/2009	UTHSCSA - Grand Rounds - Advances in Prevention of Ventilator Assocd Pneumo, University of Texas Health Science Center at	1.00 / 1.00

07/01/2009 - 07/04/2009	San Antonio XXXIV Curso Internacional de Medicina Interna, Colegio de Medicina Interna de Mexico, el World Trade Center de la Cd. de Mexico	0.00 / 0.00
06/24/2009	UTHSCSA - Grand Rounds - Alpha One Antitrypsin Deficiency: More Common, University of Texas Health Science Center at San Antonio	1.00 / 1.00
06/19/2009 - 06/23/2009	XXIII Congreso Venezolano de Neumonologia y Cirugia de Torax, La Sociedad Venezolana de Neumonologia y Cirugia de Torax, Conferencista Internacional, Homenaje al Dr. Ali Gonzalez Pacheco, Hotel Hilton Margarita, Prolamar	0.00 / 0.00
05/28/2009	COPD Expert Meeting, Dagli studi clinici alla pratica clinica, Baveno (Verbania), Italy	0.00 / 0.00
05/15/2009 - 05/20/2009	ATS 2009 Conference, American Thoracic Society, San Diego, CA	0.00 / 0.00
05/07/2009 - 05/08/2009	COPD Expert Meeting, Dagli studi clinici alla pratica clinica, Giardini Naxos (Messina), Italy	0.00 / 0.00
03/04/2009	UTHSCSA - Grand Rounds - COPD: Optimal Care in 2009, University of Texas Health Science Center at San Antonio	1.00 / 1.00
11/21/2008 - 11/25/2008	Conferencia Pneumonia Aspirativa, XXXIV Congreso Brasilerio de Pneumologia e Tisiologia, VI ALAT - Asociacion Latinoamericana del Torax, V Congreso Luso-Brasilerio de Pneumologia, XVI Congreso Iberoamericano de Cirurgia Toracica, X Congreso Brasileiro de Endoscopia Respiratoria	36.00 / 36.00
11/21/2008 - 11/25/2008	Mesa Redonda Situacoes Especiais das Infeccoes Respiratorias na Comunidade, XXXIV Congreso Brasilerio de Pneumologia e Tisiologia, VI ALAT - Asociacion Latinoamericana del Torax, V Congreso Luso-Brasilerio de Pneumologia, XVI Congreso Iberoamericano de Cirurgia Toracica, X Congreso Brasileiro de Endoscopia Respiratoria	40.00 / 40.00
11/21/2008 - 11/25/2008	Redonda Pneumonia Comunitaria Grave - Criteros de Diagnostico da PAC Grave, XXXIV Congreso Brasilerio de Pneumologia e Tisiologia, VI ALAT - Asociacion Latinoamericana del Torax, V Congreso Luso-Brasilerio de Pneumologia, XVI Congreso Iberoamericano de Cirurgia Toracica, X Congreso Brasileiro de Endoscopia Respiratoria	36.00 / 36.00

11/21/2008	Mesa Redonda Aspectos Neuromusculares da Ventilacao Mecanica na UTI, XXXIV Congresso Brasileiro de Pneumologia e Tisiologia, VI ALAT - Asociacion Latinoamericana del Torax, V Congresso Luso-Brasileiro de Pneumologia, XVI Congresso Iberoamericano de Cirurgia Toracica, X Congresso Brasileiro de Endoscopia Respiratoria	40.00 / 40.00
11/13/2008 - 11/14/2008	EXP-O 2008: Expert Opinion Consensus/Dissensus Seminar, COPD IS/IS NOT A SYSTEMIC DISEASE? Associazione Scientifica Interdisplinare per lo Studio delle Malattie Respiratorie, Venice, Italy	0.00 / 0.00
11/08/2008 - 11/09/2008	10th Beijing/Hong Kong Medical Exchange, Update on Respiratory Medicine, Hong Kong Medical Association, Chinese Medical Association, Hong Kong Thoracic Society, American College of Chest Physicians, Hong Kong, China	0.00 / 0.00
10/04/2008 - 10/08/2008	European Respiratory Society Annual Congress - 2008, Certificate of Attendance - Berlin, Germany	24.00 / 27.00
05/30/2008 - 06/02/2008	41st Congreso Nacional, La Sociedad Espanola de Neumologia y Cirugia Toracica, SEPAR	0.00 / 0.00
05/18/2008 - 05/21/2008	ATS 2008 International Conference - Toronto, Canada, American Thoracic Society Educational Activity	30.00 / 30.00
03/04/2008 - 03/08/2008	XXII Congreso Centroamericano y del Caribe de Neumologia y Cirugia de Torax, Federacion Centroamericana y del Caribe de Neumologia y Cirugia de Torax, American College of Chest Physicians, Asociacion Nicaraguense de Neumologia, Managua, Nicaragua	0.00 / 0.00
02/06/2008	UTHSCSA - Grand Rounds - Advances in Nosocomial Pneumonia, University of Texas Health Science Center at San Antonio	1.00 / 1.00
12/06/2007	Community Acquired Pneumonia, Grand Rounds, Southwest General Hospital, San Antonio, TX	2.00 / 2.00
10/10/2007	UTHSCSA-Grand Rounds - Pulmonary Hypertension, A Fresh View to a Deadly Disease, University of Texas Health Science Center at San Antonio	1.00 / 1.00
09/18/2007 - 09/21/2007	La Junta Directiva de la Sociedad Venezolana de Medicina Critica, X Jornadas Nacionales de Medicina Critica y Medicina Critica Pediatrica, I	27.00 / 27.00



	dornada Nacional de Residentes de Postgrado en Medicina Critica, IV Jornadas de Enfermeria en Cuidado Intensivo "Lic. Guadalupe Padilla", Caracas, Venezuela.	
09/12/2007	UTHSCSA-Grand Rounds - Heterogeneity of Asthma Control, University of Texas Health Science Center at San Antonio	1.00 / 1.00
08/30/2007	La Sociedad Mexicana de Neumologia y Cirugia de Torax, AC, 1er. Coloquio Satelital, sobre la ZEnfermedad Pulmonar Obstructiva Cronica, Mexico City, Mexico.	0.00 / 0.00
08/29/2007	UTHSCSA-Grand Rounds- Sleep Apena, A Generalist's Approach, University of Texas Health Science Center at San Antonio	1.00 / 1.00
06/08/2007	Societa Italiana de Medicina Respiratoria in Eta Geriatrica, Scientific Course - COPD Today: a changing scenario, PROJECT SENECA, Pavia, Italy	0.00 / 0.00
06/07/2007	Societa Italiana di Medicina Respiratoria in Eta Geriatrica, Scientific Course - COPD Today: a changing scenario, PROJECT SENECA, Orbassano, Italy	0.00 / 0.00
06/06/2007	Societa Italiana de Medicina Respiratoria in Eta Geriatrica, Scientific Course - COPD Today: a changing scenario, PROJECT SENECA, Ancona, Italy	0.00 / 0.00
05/18/2007 - 05/23/2007	ATS 2007 - International Conference, American Thoracic Society, San Francisco, CA	30.00 / 30.00
05/18/2007 - 05/23/2007	ATS 2007 - San Francisco, American Thoracic Society Meeting, San Francisco, CA	0.00 / 0.00
05/16/2007	UTHSCSA-Grand Rounds-Treatment Failure in Community Acquired Pneumonia, University of Texas Health Science Center at San Antonio	1.00 / 1.00
02/10/2007 - 02/11/2007	European Respiratory Society Research Seminar - 2007, Complexity of Patients with Multiple Chronic Diseases, Rome, Italy	12.00 / 12.00
01/11/2007 - 10/04/2007	Case Conference- UTHSCSA - 2007, Case Presentations, University of Texas Health Science Center at San Antonio (1/11/07, 4/5/07, 5/3/07, 7/5/07, 7/19/07, 7/26/07, 8/16/07, 8/16/07, 10/4/07)	9.00 / 9.00
12/20/2006	UTHSCSA-Grand Rounds-Winter Present:, Community Acquired Pneumonia, University of Texas Health Science Center at San Antonio	1.00 / 1.00
08/30/2006	UTHSCSA-Grand Rounds-COPD & Alpha-1	1.00 / 1.00

04/06/2006 - 12/21/2006	Antrypsis Deficiency, University of Texas Health Science Center at San Antonio Case Conference - UTHSCSA - 2006, Case Presentation, University of Texas Health Science Center at San Antonio (4/6/06, 8/3/06, 8/10/06, 8/24/06, 12/21/06)	5.00 / 5.00
03/07/2006	UTHSCSA - Clinical Documentation Training, Supervising Physicians in Teaching Settings at The University of Texas Health Science Center at San Antonio	0.50 / 0.50
01/12/2006 - 03/02/2006	Combined Thoracic, Pulmonary & Oncology Conference - 2006, Case Conference, University of Texas Health Science Center at San Antonio (1/12/06, 3/2/06)	2.00 / 2.00
12/21/2005	UTHSCSA-Grand Rounds- Hypertension 2005 & Beyond, University of Texas Health Science Center at San Antonio	1.00 / 1.00
12/14/2005	UTHSCSA - Grand Rounds - The Laboratory in Rheumatology, The Revenge of the Clinician, University of Texas Health Science Center at San Antonio	1.00 / 1.00
12/07/2005	UTHSCSA - Grand Rounds - Improving Outcomes from Community-, Acquired Pneumonia, University of Texas Health Science Center at San Antonio	1.00 / 1.00
11/30/2005	UTHSCSA - Grand Rounds - Phosphotyrosine Kinases Inhibitors:, Bilogy & Clinical Applications, University of Texas Health Science Center at San Antonio	1.00 / 1.00
11/16/2005	UTHSCSA - Grand Rounds - Early Diagnosis of MCI & Alzheimer's Disease:, Whom Do They Help? University of Texas Health Science Center at San Antonio	1.00 / 1.00
11/09/2005	UTHSCSA - Grand Rounds - Treatment of Tuberculosis, University of Texas Health Science Center at San Antonio	1.00 / 1.00
11/02/2005	UTHSCSA - Grand Rounds - Screening for Coronary Disease in Diabetic Patient, University of Texas Health Science Center at San Antonio	1.00 / 1.00
10/26/2005	UTHSCSA - Grand Rounds - What Killed Beethoven?, University of Texas Health Science Center at San Antonio	1.00 / 1.00
09/14/2005	UTHSCSA - Grand Rounds - Antibiotics for Pneumonia:, What is the Evidence? University of Texas Health Science Center at San Antonio	1.00 / 1.00

09/07/2005	UTHSCSA - Grand Rounds - COX-II & Cardiovascular Safety, University of Texas Health Science Center at San Antonio	1.00 / 1.00
05/20/2005 - 05/25/2005	ATS CME 2005 Credits, The American Thoracic Society (ATS) certifies Dr. Antonio Anzueto has participated in the educational activity titled ATS 2005, San Diego, CA International Conference, May 20-25, 2005	35.75 / 35.75
<b>No Date Entered</b> - 04/30/2012	ATS American Thoracic Society CME 2012 Credits, Dr. Antonio Anzueto has participated in the " American Journal of Respiratory and Critical Care Medicine" activity titled Domiciliary IV antibiotic therapy in non cystic fibrosis bronchiectasis-is it time to change practice?	2.00 / 2.00

**Other**

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
06/03/2016	UTHSCSA-CDT-Supervising Physicians in Teaching Settings	0.00 / 0.00
05/29/2012 - 05/28/2015	2012 Update in Critical Care Medicine Module, Perelman School of Medicine University of Pennsylvania	1.00 / 1.00
03/13/2012 - 03/12/2015	2012 Update in Pulmonary Disease Module, The Perelman School of Medicine at the University of Pennsylvania	1.00 / 1.00
06/05/2011 - 05/20/2013	2010 Update in Critical Care Medicine Module, Perelman School of Medicine University of Pennsylvania	1.00 / 1.00
05/11/2011	FERPA Training Course - 2011, Family Educ Rights & Privacy Online Training Course Provided by Student Services, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
01/01/2011 - 06/30/2011	NEJM Manuscript Review Program, New England Journal of Medicine, Manuscript Review	3.00 / 3.00
11/05/2010	ELM Course - Managing Labs & Test Results II, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
11/05/2010	ELM Course - Preventing Medication Error I, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
11/04/2010	ELM Course - Managing Difficult Patients I, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
10/11/2010	UTHSCSA - FOOD-14 Mentoring Course,	0.00 / 0.00

	Course provided by Academic Center for Excellence in Training, University of Texas Health Science Center at San Antonio	
09/13/2010	UTHSCSA - Food-12 Working with Difficult People Course, Course Provided by Academic Center for Excellence in Teaching, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
07/23/2010	VA Course - Protected Peer Review Process, (Members/Reviewers of PPR Committees) - Employee Education System, VA Learning University	1.00 / 1.00
06/15/2010	UTHSCSA - FOOD-13 Writing Instructional Objectives Course, Course Provided by Academic Center for Excellence in Teaching, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
05/21/2010	ELM Course - Chain of Command, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
05/21/2010	ELM Course - Duties to Non-Patients I, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
05/21/2010	ELM Course - Supervision of Residents & Assistants I, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
04/13/2010	UTHSCSA - GCAT - General Compliance Awareness Training, Course Provided by Office of Regulatory Affairs & Compliance, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
02/03/2010	UTHSCSA - FOOD-06 Physician Impairment, Course Provided by ACET, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
02/03/2010	UTHSCSA - Safety - Basic Biological Safety Training, Course Provided by Environmental Health & Safety, University of Texas Health Science Center at San Antonio, Texas	0.50 / 0.50
02/03/2010	UTHSCSA - Safety - Bloodborne Pathogens Training, Course Provided by Environmental Health & Safety, University of Texas Health Science Center at San Antonio, Texas	0.50 / 0.50
01/03/2010	UTHSCSA - FOOD-05 The PATH for Teaching Adults, Course Provided by ACET, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
11/20/2009	UTHSCSA - FOOD-04 Constructive Feedback,	0.00 / 0.00

07/01/2009 - 12/31/2009	Course Provided by ACET, University of Texas Health Science Center at San Antonio, Texas NEJM Manuscript Review CME Program - 2009, Participated in New England Journal of Medicine Manuscript Review CME Program.	5.00 / 5.00
05/25/2009	UTHSCSA - DRD - Protecting Digital Research Data, Course Provided by Information Security, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
03/02/2009	UTHSCSA - Safety - Basic Biological Safety Training, Course Provided by Environmental Health & Safety, University of Texas Health Science Center at San Antonio, Texas	0.50 / 0.50
03/02/2009	UTHSCSA - Safety - Bloodborne Pathogens Training, Course Provided by Environmental Health & Safety, University of Texas Health Science Center at San Antonio, Texas	0.50 / 0.50
01/01/2009 - 06/30/2009	NEJM Manuscript Review CME Program - 2009, Participated in New England Journal of Medicine Manuscript Review CME Program.	3.00 / 3.00
09/10/2008	ELM Course - Communication Techniques to Improve Bedside Manner, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
09/10/2008	ELM Course - Internal Medicine Standards of Care I, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
09/10/2008	ELM Course - Managing Labs & Test Results I, ELM Exchange Risk and Safety Institute Course	1.00 / 1.75
09/10/2008	ELM Course - Recognizing the Limits of Expertise III, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
09/10/2008	ELM Course - Risk & Safety Issues In Medicine I, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
09/10/2008	ELM Course - Scope of Practice III, ELM Exchange Risk and Safety Institute Course	1.75 / 1.75
03/22/2008	Evolving Issues in Assessment and Management of COPD, Creative Education Concepts, Inc Educational Activity Course	3.00 / 3.00
03/17/2008	ATS Manuscript Review - 2008, Participated in the Manuscript Review of "American Journal of Respiratory and Critical Care Medicine". American Thoracic Society	1.00 / 1.00
01/01/2008 - 06/01/2008	NEJM Manuscript Review CME Program - 2008, Participated in New England Journal of	2.00 / 2.00

12/04/2007	Medicine Manuscript Review CME Program. UTHSCSA - Basic Evaluation and Management E-M Coding Provider Training, Course Provided by Office of Compliance and Consultation, University of Texas Health Science Center at San Antonio, Texas	0.00 / 0.00
10/01/2007	ATS Manuscript Review - 2007, Participated in the Manuscript Review of "American Journal of Respiratory and Critical Care Medicine". American Thoracic Society	2.00 / 2.00
08/20/2007	ATS Manuscript Review - 2007, Participated in the Manuscript Review of "American Journal of Respiratory and Critical Care Medicine". American Thoracic Society	2.00 / 2.00
05/09/2007	UTHSCSA-Grand Rounds-Callenge of Cultural Competence in, Academic Medicine, University of Texas Health Science Center at San Antonio	1.00 / 1.00
04/28/2007	UTHSCSA - Safety-Basic Biological Safety Training, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio	0.00 / 0.00
03/31/2007	ATS Manuscript Review - 2007, Participated in the Manuscript Review of "American Journal of Respiratory and Critical Care Medicine". American Thoracic Society	3.00 / 3.00
03/20/2007	UTHSCSA - Safety - Bloodborne Pathogens Training - 2007, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio	0.00 / 0.00
01/01/2007 - 06/30/2007	NEJM Manuscript Review CME Program - 2007, Participated in New England Journal of Medicine Manuscript Review CME Program.	3.00 / 3.00
04/18/2006	UTHSCSA - Bloodborne Pathogens Safety Training, Internet-based educational activity at the University of Texas Health Science Center at San Antonio	0.50 / 0.50
03/27/2006 - 03/26/2006	ATS Manuscript Review - 2006, Participated in the Manuscript Review of "American Journal of Respiratory and Critical Care Medicine". American Thoracic Society	2.00 / 2.00
03/07/2006	UTHSCSA - Bloodborne Pathogens Safety Training, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio	0.50 / 0.50
03/07/2006	UTHSCSA - CDT-Supervising Physicians in	0.50 / 0.50

03/07/2006	Teaching Settings, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio UTHSCSA - Safety-Bloodborne Pathogens Training - 2006, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio	0.50 / 0.50
11/23/2005	UTHSCSA - Grand Rounds - A Life in Medicine:, Redefining Medical Professionalism, Ethics Course, University of Texas Health Science Center at San Antonio	1.00 / 1.00
09/01/2005	UTHSCSA - Grand Rounds - City-Wide Grand Rounds, University of Texas Health Science Center at San Antonio	1.00 / 1.00
08/18/2005	UTHSCSA - Bloodborne Pathogens Safety Training - 2005, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio	0.50 / 0.50
07/25/2005	UTHSCSA - Safety-Bloodborne Pathogens Training - 2005, Internet-based educational activity held at the University of Texas Health Science Center at San Antonio	0.50 / 0.50

***Teaching***

<b><u>Date</u></b>	<b><u>Description</u></b>	<b><u>C.E. Units/Hours</u></b>
03/07/2011	AHA 2010 Guidelines Science Update: ACLS Instructors, 2010 American Heart Association Guidelines for CPR and ECC ACLS Instructor Update, AHA Professional Education Center	0.00 / 0.00
09/14/2010	Certificado de Educacion Medica, Invited Speaker for Course: Conceptos Actuales En El Diagnostico Y Manejo De La Pulmlonia Adquirida En La Comunidad	2.00 / 2.00
09/05/2010	Certificado de Asistencia, Segundo Curso Internacional de Alergia, Asma y Medicine Respiratoria, Colon de la Ciudad de Guayaquil, Equador.	0.00 / 0.00
06/18/2007	ATS 2007 CME Credits, Aging process and invasive mechanical ventilation: an association leading to in-hospital mortality - Blue-200705-766OC	2.00 / 2.00
06/02/2007	UTHSCSA - CDT-Supervising Physicians in Teaching Settings, Internet-based educational activity held at the University of Texas Health	0.50 / 0.50

04/10/2007	Science Center at San Antonio ATS 2007 CME Credits, Outcomes for COPD Pharmacological Trials: from lung function to biomarkers - Blue-200703-455ST	3.00 / 3.00
12/20/2006	The Winter Present: Pneumonia, CME presentation, Medicine Grand Rounds at The University of Texas Health Science Center at San Antonio	0.00 / 0.00
10/05/2006	Nosocomial Pneumonia - 2006, Dr. Anzueto participated as presenter in the educational activity at the Southwest General Hospital CME	2.00 / 2.00
08/18/2006	Certificate of Completion, 27th Annual Conference on Aging "Geriatric Primary Care: Current Perspectives & New Horizons"	7.00 / 7.00
05/19/2006 - 05/24/2006	ATS 2006 - San Diego CA, American Thoracic Society International Conference	31.00 / 31.00
05/20/2005 - 05/25/2005	ATS 2005 - San Diego CA, American Thoracic Society International Conference	35.75 / 35.75

## TEACHING

### **COURSE BASED TEACHING:**

<u>Date</u>	<u>Course Name</u>	<u>Level</u>	<u>Role</u>
07/2006 - 08/2007	MEDI0001 Medical Block Course Registratio	Undergraduate/Graduate	Lecturer

*Preparation Hrs: 20*

07/2006 - 08/2007	MEDI4066 Medical Externship- medical Icu	Undergraduate/Graduate	Lecturer
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*Preparation Hrs: 20*

### **OTHER TEACHING:**

#### ***Group Instruction***

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
07/2008 - 07/2008	Advanced Clinical Evaluation Skills (ACES)	UTHSCSA	



07/2001 - Present    General Supervision and Attending    UTHSCSA/VA/UHS    7  
of Pulmonary and Critical Care  
Fellows

*Fellows include: Diego Maselli, M.D., Rodrigo Burguete, M.D., Jason McKinney, M.D., Eric Stupka, M.D., Steven Hilburn, M.D., David Sonetti, M.D., Jennifer Brody, M.D., Juan Sanchez, M.D., Joe Swiggum, M.D., Michael Figueroa, M.D., Luis D'Avignon, M.D., Tamara Simpson, M.D., David Marks, M.D., Andres Pelaez, M.D., Samir Bhakta, M.D., Doug Fiedler, M.D., Charles Burch, M.D., David Salazar, M.D., Pablo Molina, M.D., Marcos Restrepo, M.D., Marc Chalaby, M.D., Martha Burk, M.D., M. Angela Hospenthal, M.D., Hilary Goldberg, M.D., Deborah Levine, M.D.*

### ***Ph.D. Dissertations Directed***

<b><u>Date</u></b>	<b><u>Description</u></b>	<b><u>Institution</u></b>	<b><u># Students</u></b>
05/2003 - 07/2003	The influence of gene polymorphisms, antibiotic use and microbiological investigations on the outcom	University of Texas Health Science Center at San Antonio	1

*Dr. Anzueto was asked to be an examiner for this thesis from The University of Western Australia's PhD Committee for marking.*

## **RESEARCH**

### **EXPERTISE:**

**AECB** - Acute Exacerbations of Chronic Bronchitis

**ARDS** - Acute Respiratory Distress Syndrome

**CAP** - Community Acquired Pneumonia

**COPD** - Chronic Obstructive Pulmonary Disease

**Mech Vent** - Mechanical Ventilation

**Septic shock** - Diagnoses and treatment of Septic Shock

**VAP** - Ventilator Associated Pneumonia

### **PROJECTS:**

#### ***Collaborative Research***

01/2003-    Use of recombinant protein c(Xigris(R)), Use of recombinant protein  
09/2007    c(Xigris(R)) in patients with sepsis and one organ failure

01/2003-07/2006	Fluid Management and hemodynamic monitoring in patients, Fluid Management and hemodynamic monitoring in patients with Acute Respiratory Distress Syndrome.
01/2003-Present	Bronchodilator treatment in patients, Bronchodilator treatment in patients with Chronic Obstructive Pulmonary Disease
01/2003-Present	Interstitial Lung Disease, Use of gama-interferon in patients with Interstitial Lung Disease
01/2003-Present	Prevention of Ventilator Associated Pneumonia, Prevention of Ventilator Associated Pneumonia - use of silver-linen endotracheal tubes and topical antibiotics
01/2003-Present	Process of care, Process of care in the diagnoses and management of Community Acquired Pneumonia
01/1997-Present	Use of Mechanical Ventilation, Use of Mechanical Ventilation - International study

**PUBLICATIONS:** (\*' indicates Peer Reviewed)

*Abstract*

- \* 1. Oscar Peñuelas, Alfonso Muriel, Victor Abaira, Fernando Frutos-Vivar, Jordi Mancebo, Konstantinos Raymondos, Bin Du, Arnaud W. Thille, Fernando Ríos, Marco González, Lorenzo del-Sorbo, Niall D. Ferguson, Maria del Carmen Marín, Bruno Valle Pinheiro, Marco Antonio Soares, Nicolas Nin, Salvatore M. Maggiore, Andrew Bersten, Pravin Amin, Nahit Cakar, Gee Young Suh, Fekri Abroug, Manuel Jibaja, Dimitros Matamis, Amine Ali Zeggwagh, Yuda Sutherasan, Anzueto AR, Andrés Esteban. Inter-country variability over time in the mortality of mechanically ventilated patients. 2020 Jan. p. 1238-1432. (Intensive Care Medicine).
- \* 2. Wernly B, Frutos-Vivar F, Peñuelas O, Raymondos K, Muriel A, Du B, Thille AW, Ríos F, González M, Del-Sorbo L, Del Carmen Marín M, Pinheiro BV, Soares MA, Nin N, Maggiore SM, Bersten A, Kelm M, Amin P, Cakar N, Lichtenauer M, Suh GY, Abroug F, Jibaja M, Matamis D, Zeggwagh AA, Sutherasan Y, Anzueto AR, Esteban A, Jung C. Easy prognostic assessment of concomitant organ failure in critically ill patients undergoing mechanical ventilation. In European Journal of Internal Medicine. 2019 Dec. p. 18-23. (Eur J Intern Med.).
- \* 3. Zachary Boivin, Mario F. Perez, Nkiruka C, Atuegwu, Mark Metersky, Carlos A. Alvarez, Anzueto AR, Eric M. Mortensen. Association of atypical antipsychotics and mortality for patients hospitalized with pneumonia. 2019 Nov. (ERS; vol. 5).

- \* 4. Aliberti S, Cook GS, Babu BL, Reyes LF, H Rodriguez A, Sanz F, Soni NJ, Anzueto AR, Faverio P, Sadud RF, Muhammad I, Prat C, Vendrell E, Neves J, Kaimakamis E, Feneley A, Swarnakar R, Franzetti F, Carugati M, Morosi M, Monge E, Restrepo MI, GLIMP investigators. International prevalence and risk factors evaluation for drug-resistant *Streptococcus pneumoniae* pneumonia. 2019 Oct. p. 300-311. (Journal Infect).
- 5. Gary D. Owen, Joanna L. Stollings, Shayan Rakhit, Li Wang, Chang Yu, Morgan A. Hosay, James W. Stewart, Fernando Frutos-Vivar, Oscar Peñuelas, Andres Esteban, Anzueto AR, Konstantinos Raymondos, Fernando Rios, Arnaud W. Thille, Marco González, Bin Du, Salvatore M. Maggiore, Dimitrios Matamis, Fekri Abroug, Pravin Amin, Amine Ali Zeggwagh, Mayur B. Patel. International Analgesia, Sedation, and Delirium Practices: a prospective cohort study. 2019 Jul. (Journal of Intensive Care).
- \* 6. Yii ACA, Loh CH, Tiew PY, Xu H, Taha AAM, Koh J, Tan J, Lapperre TS, Anzueto AR, Tee AKH. A clinical prediction model for hospitalized COPD exacerbations based on "treatable traits". 2019 Mar. p. 719-728. (International Journal Of Chronic Obstructive Pulmonary Disease).
- \* 7. Vogelmeier CF, Criner GJ, Martinez FJ, Anzueto AR, Barnes PJ, Bourbeau J, Celli BR, Chen R, Decramer M, Fabbri LM, Frith P, Halpin DM, Victorina Lopez Varela M, Nishimura M, Roche N, Rodriguez-Roisin R, Sin DD, Stockley R, Vestbo J, Wedzicha JA, Agusti A. Global Strategy for the Diagnosis, Management and Prevention of Chronic Obstructive Lung Epub; 2017 Mar. (Arch Bronconeumol).
- \* 8. Calverley PM, Ericksson G, Jenkins CR, Anzueto AR, Make BJ, Persson A, Fageras M. Early efficacy of budesonide/formoterol in patients with moderate-to-very-severe COPD 2016 Dec. (Int J Chron Obstruct Pulmon Dis).
- \* 9. Levine SM, Singh H, Williams R, O'Donnell K., Lang B, Wang Y, Anzueto AR, Talbert R., Peters JI. Safety and Tolerability of Single Dose Inhaled Dry Powder Tacrolimus in Healthy Subjects 2013 Oct. (Chest Meeting Abstracts).
- \* 10. Mortensen EM, COPELAND LA, Perry TW, Nakashima B, Restrepo M, Pugh MJ, Anzueto AR. Incidence of congestive heart failure after hospitalization for pneumonia. 2010. p. S52-S52. (J Hosp Med; vol. 5, no. 3s2).
- \* 11. Sanchez J, Angel LF, Levine DJ, Levine SM, Calhoon JH, Johnson SB, Duran P, Mortensen EM, Anzueto AR, Restrepo MI. Health Care-Associated Pneumonia (HCAP) Have Similar Mortality Rates Compared to Hospital-Acquired (HAP) and Ventilator-Associated Pneumonia (VAP) in Lung Transplant Recipients 2008 Oct. p. 447s-448s. (CHEST; vol. 132, no.

4).

- \* 12. Sanchez J, Angel LF, Levine DJ, Calhoun JH, Levine SM, Johnson SB, Mortensen EM, Anzueto AR, Restrepo MI. Sepsis Due To Pneumonia Is Associated With Higher Mortality In Lung Transplant Recipients 2008 Oct. (CHEST; vol. 134).
- \* 13. Mortensen EM, Restrepo MI, Pugh JA, Anzueto AR. Impact of prior outpatient antibiotic use on mortality for patients hospitalized with community-acquired pneumonia. 2008 May. p. a676. (American Journal of Respiratory and Critical Care Medicine; vol. 177, no. a676).
- \* 14. Mortensen EM, Restrepo MI, Pugh JA, Anzueto AR. Impact of prior outpatient antibiotic use on mortality for patients hospitalized for community-acquired pneumonia 2008 Apr. p. 322. (Journal of General Internal Medicine; vol. 23, no. s2).
- \* 15. Restrepo MI, Mortensen EM, Castellanos-Matteus P, Malo de Molina R, Anzueto AR. Macrolide resistance does not affect the survival benefit of patients severe sepsis due to pneumonia. The impact of macrolide therapy on 30- and 90-day mortality for patients with severe sepsis due to community-acquired pneumonia. 2008. (American Thoracic Society).
- \* 16. Sanchez JA, Mortensen EM, Anzueto AR, Restrepo MI. Validation of the minor ATS/IDSA criteria on mortality and ICU admission in patients with severe pneumonia. 2008 Jan. p. a675. (American Journal of Respiratory and Critical Care Medicine; vol. 177, no. a675).
- 17. Malo de Molina R, Mortensen EM, Castellanos-Matteus P, Anzueto AF, Restrepo, MD MI. The Impact of Outpatient Inhaled Corticosteroid Therapy on Disease Severity in Hospitalized Patients with Community-Acquired Pneumonia 2008. p. S16002. (Chest; vol. 134, no. 4).
- 18. Malo de Molina R, Mortensen EM, Castellanos-Matteus P, Anzueto AR, Restrepo, MD MI. Impact of Pulmonary Arterial Hypertension (PAH) in Patients Hospitalized with Community-Acquired Pneumonia (CAP) or Sepsis 2008. p. P29002. (Chest; vol. 134, no. 4).
- 19. Malo de Molina R, Mortensen EM, Restrepo, MD MI, Castellanos-Matteus P, Anzueto AR. Prior Outpatient Corticosteroid (CS) Use is Not Associated with Increased Mortality for Patients Hospitalized with Sepsis 2008. p. S33000. (Chest; vol. 134, no. 4).
- \* 20. Castellanos-Mateus P, Mortensen EM, Anzueto AR, Restrepo MI. Health-care associated pneumonia is more severe and leads to higher mortality than community-acquired pneumonia 2007 Oct. p. 447S. (CHEST 2007 Scientific Highlights; vol. 132, no. 4).

21. Afessa B, Craven DE, Anzueto AR, Kollef MH, Schinner R., Dipl-Stat Mayo Clinic College of Medicine, Rochester, MN.. Morbidity of ventilator-associated pneumonia in a randomized study of a silver-coated endotracheal tube 2007 Oct. p. 501S. (CHEST 2007 Scientific Highlights; vol. 132, no. 4).
22. Ferguson G, Anzueto AR, Fei R, Emmett, Crater G, Knobil K, Kalberg C.. A randomized, double-blind trial comparing the effect of fluticasone/salmeterol 250/50 to salmeterol on COPD exacerbations in patients with COPD 2007 Oct. p. 530S. (CHEST 2007 Scientific Highlights; vol. 132, no. 4).
- \* 23. Allan, PF, Abouchahine, S, Lee, S, Smith, PK, Pugh JA, Anzueto AR, Adams SG. Anxiety and Depression are Associated with Frequent Acute Exacerbations of COPD in a High-Risk COPD Population 2007 May. p. A136. (Proceedings of the American Thoracic Society; vol. 175, no. 4).
- \* 24. Adams SG, Simpson T, Lee, S, Vipraio, G, Anzueto AR, Pugh JA, Allan, PF. Unrecognized Depression is Common and Associated with Worse Functional Status in High-Risk COPD Patients 2007 May. p. A591. (Proceedings of the American Thoracic Society; vol. 175, no. 4).
- \* 25. Mortensen EM, Restrepo MI, Copeland LA, Anzueto AR, Pugh MJ. Association of lipophilic and hydrophilic ACE inhibitor use with pneumonia-related mortality (Poster). 2007 Apr. p. 44. (J Gen Intern Med; vol. 22, no. S 1).
- \* 26. Mortensen EM, Restrepo MI, Copeland LA, Anzueto AR, Pugh JA. Association of lipophilic and hydrophilic ACE inhibitor use with pneumonia-related mortality. (Poster presentation at 2007 American Thoracic Society international conference) 2007. (American Journal of Respiratory and Critical Care Medicine; vol. 175, no. A105).
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- \* 28. Restrepo MI, Frei CR, Castellanos-Mateus P, Choulán JD, Mortensen EM, Anzueto AR. Risk Factors for Multidrug Resistant Pathogens in ICU Patients with Pneumonia. (Poster presentation at 2007 American Thoracic Society International Conference) 2007. (American Journal of Respiratory and Critical Care Medicine; vol. 175, no. A325).
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- \* 31. Frutos-Vivar F, Esteban A, Ferguson ND, Desmery P, Tejerina E, Nin N, Gonzalez M, Apezteguia C, Hurtado J, D'Empaire G, Tomicic V, Elizalde J, Jibaja M, Montanez AM, Sandi F, Meade, Anzueto AR. HA CAMBIADO LA DESCONEXION DE LA VENTILACION MECHANICA EN LOS ULTIMOS ANOS? 2006 Jun. p. 115. (Medicina Intensiva; vol. 30, no. Supl1).
- \* 32. Frutos-Vivar F, Esteban A, Ferguson ND, Desmery P, Tejerina E, Nin N, Gonzalez M, Apezteguia C, Hurtado J, D'Empaire G, Tomicic T, Meade MO, Anzueto AR. EVOLUCION DE LA UTILIZACION DE LA VENTILACION NO-INVASIVA (VNI) EN LA UNIDAD DE CUIDADOS INTENSIVOS 2006 Jun. p. 116. (Medicine Intensiva; vol. 30, no. Supl1).
- \* 33. Esteban A, Frutos-Vivar, Ferguson ND, Anzueto AR, Meade MO, Raymondos K, Apezteguia C, Hurtado J, Gonzalez MK, Tomicic V, Abroug F, Brochard L, Nin N, Elizalde J, Arabi Y, Pelosi P, Nightingale P, Matamis D, Jibaja M, D'Empaire G, Montanez AM, Sandi F, Tejerina E. Has Weaning from Mechanical Ventilation Changed in Recent Years? 2006 May. p. A40. (Proceedings of the American Thoracic Society; vol. 3, no. 05).
- \* 34. Anzueto AR, Miravittles M, Legnani D, Landen H, Stauch K. Interim Results of the Greatest International ANti-Infective Trial (GIANT) is Patients with AECB 2006 May. p. A114. (Proceedings of the American Thoracic Society; vol. 3, no. 05).
- \* 35. Anzueto AR, Frutos-Vivar F, Esteban A, Raymondos K, Ferguson ND, Apezteguia C, Arabi Y, Hurtado J. Impact of Morbid Obesity on Outcome of Mechanical Ventilation Patients 2006 May. p. A382. (Proceedings of the American Thoracic Society; vol. 3, no. 05).
- 36. Esteban A, Frutos-Vivar F, Ferguson ND, Meade MO, Anzueto AR, VENTILA Group. Evolution in the Use of Non-Invasive Ventilation (NIV) in the ICU 2006 May. p. A472. (Proceedings of the American Thoracic Society; vol. 3, no. 05).
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Rock P, Anzueto AR, Hyzy R, Steingrub J, Douglas I, the NHLBI ARDSnet.. Incidence and Impact on Mortality of Acute Renal Dysfunction after the Onset of Acute Lung Injury 2006 May. p. A736. (Proceedings of the American Thoracic Society; vol. 3, no. 05).

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39. Ost D, Esteban A, Restrepo MI, Chang S, Frutos-Vivar F, Anzueto AR, Ferguson ND, Gonzalez M, Hurtado J, Elizalde J, Matamis D, International Mechanical Ventilation Study Group (VENTILA). The relationship between tidal volume and risk of ventilator associated pneumonia (VAP) depends upon the presence of Acute Lung Injury/ARDS 2006 May. (American Thoracic Society. American Journal of Respiratory and Critical Care Medicine).
40. Gajic O, Ferguson ND, Frutos-Vivar F, Esteban A, Anzueto AR, VENTILA Group.. Risk Factors for Development of Acute Lung Injury (ALI)/ Acute Respiratory Distress Syndrome (ARDS) in Mechanical Ventilation Patients 2006 May. p. A832. (Proceedings of the American Thoracic Society; vol. 3, no. 05).
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42. Restrepo MI, Mortensen EM, Anzueto AR, Peyrani P, Ramirez J. Performing blood cultures is not associated with decreased mortality in hospitalized patients with community-acquired pneumonia: Results from the CAPO International Cohort Study 2006 May. (American Thoracic Society. American Journal of Respiratory and Critical Care Medicine).
- \* 43. Mortensen EM, Restrepo MI, Copeland LA, Anzueto AR, Pugh JA, Pugh MJ. Impact of statin and angiotensin II receptor blocker use on mortality for patients hospitalized with sepsis. 2006. p. 135S. (CHEST; vol. 130, no. 4).
- \* 44. Restrepo MI, Mortensen EM, Waterer G, Wunderink RG, Coalson JJ, Anzueto A. The impact of macrolide therapy on 30- and 90-day mortality for patients with severe sepsis due to community-acquired pneumonia 2006 Jan. p. 135S. (Chest; vol. 130, no. 4).
- \* 45. Kollef MH, Leeper KV, Anzueto AR, Morrow LE, Benz-Scott L, Rodino FJ, Niederman MS. Clinical and treatment patterns among 398 patients with

ventilator-associated pneumonia: final results of the assessment of local antimicrobial resistance measures (ALARM) study 2005 Oct. p. 142S. (CHEST; vol. 128, no. 4).

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- \* 49. Anzueto AR, Haverstock D, Kruesmann F, Chourdhi S. Comparative efficacy of oral and sequential intravenous/oral moxifloxacin in the treatment of community acquired pneumonia (CAP) in the very elderly (AGE > = 75 years). 2005 Oct. p. 371S. (CHEST; vol. 128, no. 4).
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- \* 53. Restrepo MI, Mortensen EM, Pugh JA, Anzueto AR. Quality of care in intensive care unit patients with severe community-acquired pneumonia 2005 May. (American Thoracic Society. American Journal of Respiratory and Critical Care Medicine).
- \* 54. Restrepo MI, Mortensen EM, Pugh JA, Anzueto AR. The association between systemic steroid use and mortality in patients hospitalized with community-acquired pneumonia 2005 May. (American Thoracic Society. American Journal of Respiratory and Critical Care Medicine).



- \* 55. Anzueto AR, Pearle A, Heyder A, Potgieter P, Choudhri S. Safety and efficacy of moxifloxacin vs levofloxacin in elderly patients with community-acquired pneumonia (CAP) 2005 May. p. A797. (Proceedings of the American Thoracic Society; vol. 2).
- \* 56. Mortensen EM, Restrepo MI, Anzueto AR, Pugh JA. The impact of empiric antimicrobial therapy with a Beta-Lactam and Fluoroquinolone on mortality for patients hospitalized with severe Pneumonia. 2005 Apr. p. 141. (J Gen Int Med.; vol. 20, no. Supp1).
- \* 57. Restrepo MI. An assessment of empiric antimicrobial therapy with a beta-lactam and fluoroquinolone on mortality for patients hospitalized with community-acquired pneumonia. 2005. (SGIM).
- \* 58. Mortensen EM, Restrepo MI, Anzueto AR, Pugh JA. Impact of guideline-concordant antibiotic therapy on mortality within 48 hours of admission for patients hospitalized with community-acquired pneumonia 2005. p. 148S. (Chest).
- \* 59. Anzueto AR. Efficacy of Advair Diskus 250/50 (Fluticasone Propionate/Salmeterol) in Patients Previously Naive to COPD Maintenance Therapy 2004 Oct. p. 808S. (CHEST; vol. 126, no. 4).
- \* 60. Kollef MH, Niederman MS, Leeper KV, Morrow LE, Anzueto AR, Benz-Scott L, Rodino FJ. Escalation/De-Escalation of Initial Empiric Ventilator-Associated Pneumonia Therapy: Interim Results From The Assessment of Local Antimicrobial Resistance Measures Study 2004 Oct. p. 718S. (CHEST; vol. 126, no. 4).
- \* 61. Niederman M, Anzueto AR, Sethi S, Choudhri S, Kureishi A, Haverstock D, Perroncel R. Bacteriologic eradication of haemophilus influenzae in patients with acute bacterial exacerbations of chronic bronchitis: a comparison of moxifloxacin to macrolide agents 2004 Oct. p. 838S. (CHEST; vol. 126, no. 4).
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- \* 63. Molina PE, Anzueto AR, Aoki T, Restrepo MI. Drug-Induced Acute Eosinophilic Pneumonia Induced by Inhaled Vancomycin 2004 Oct. p. 993S. (CHEST; vol. 126, no. 4).
- \* 64. Esteban A, Frutos-Vivar F, Ferguson ND, Epstein SK, Anzueto AR, Arabi Y, Apezteguia C, Gonzalez M, Nava S, Soares MA, D'Empaire G, Hill NS. Variables Associated with Reintubation in Mechanically Ventilated Patients

2004 Apr. p. A122. (American Journal of Respiratory and Critical Care Medicine; vol. 169, no. 7).

- \* 65. Leeper KV, Kollef MH, Niederman M, Anzueto AR. Prevalence of Bacterial Pathogens and Outcomes in Ventilator-Associated Pneumonia (VAP) in the ICU: Results from ALARM (Assessment of Local Antimicrobial Resistance Measures) 2004 Apr. p. A845. (American Journal of Respiratory and Critical Care Medicine; vol. 169, no. 7).
- \* 66. Anzueto AR, Kesten S. Effects of Tiotropium in COPD Patients Only Treated with PRN Albuterol 2004. p. A611. (American Journal of Respiratory and Critical Care Medicine; vol. 169, no. 7).
- \* 67. Mortensen EM, Restrepo MI, Anzueto AR, Pugh JA. The association between statin and ACE inhibitor use and mortality for patients hospitalized with community-acquired pneumonia 2004. (Society of General Internal Medicine (SGIM)).
- \* 68. Waratunge CN, Restrepo MI, Pugh JA, Anzueto AR, Mortensen EM. Differences in length of stay in patients with bacteremic *Streptococcus pneumoniae* community-acquired pneumonia treated with monotherapy versus combination antibiotic therapy. 2004. p. 118-118. (Infectious Diseases Society of America).
- \* 69. Restrepo MI, Mortensen EM, Pugh JA, Anzueto A.. The association between ACE-inhibitor use and mortality for patients hospitalized with community-acquired pneumonia 2004. p. 55-55. (Infectious Diseases Society of America).
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### ***Not Specified***

- 1. Kazuto Matsunaga, Keiji Oishi, Marc Miravittles, Anzueto AR. Time To Revise COPD Treatment Algorithm. International Journal of Chronic Obstructive Pulmonary Disease. 2019 Sep;2229-2234.
- \* 2. Lombardi R, Nin N, Nin N, Peñuelas O, Ferreiro A, Rios F, Marin MC, Raymondos K, Lorente JA, Koh Y., Hurtado J, Gonzalez M, Abroug F, Jibaja M, Arabi Y, Arabi Y, Matamis D, Anzueto AR, Esteban A. Acute Kidney Injury in Mechanically Ventilated Patients: The Risk Factor Profile Depends on the Timing of Aki Onset. VENTILA Group. 2017 Apr
- \* 3. Anzueto AR. Complication of Community-Acquired pneumonia(including

cardiac complications) Respir Crit Care Med 2016 Dec

- \* 4. Anzueto AR. Assessing short-term deterioration in Maintenance-naive patients with COPD receiving umeclidinium J Crit Care 2016 Dec
- \* 5. Anzueto AR. Association between ventilatory settings and development of acute respiratory distress syndrome in mechanically ventilated patients due to brain injury J Crit Care 2016 Nov

### ***Other***

1. Anzueto A. Endobronchial valves to reduce lung hyperinflation. N Engl J Med 2010 Sep;363(13):1280-1281.
2. Mandell L, Wunderink R, Anzueto A, Bartlett J, Campbell D, Dean N, Dowell S, File T, Musher D, Niederman M, Torres A, Whitney C, Fine M. Guideline tyranny: a response to the article by Baum and Kaltsas. Clin Infect Dis 2008 Oct;47(8):1117-1118.
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### ***Review Article***

- \* 1. Nakashima B, Restrepo M, Anzueto AR, Mortensen EM. The potential role of statins in pneumonia Current Respiratory Medicine Reviews 2010 Aug;6(3):155-161.
- \* 2. Restrepo, MD MI, Mazo M, Anzueto AR. Influenza A (H1N1) Experience in the United States Arch Bronconeumol 2010 Mar;46 Su(2):13-18.
- \* 3. Stupka JE, Mortensen EM, Anzueto AR, Restrepo MI. Community-acquired pneumonia in elderly patients Aging Health 2009 Dec;5(6):763-774.
- \* 4. Restrepo MI, Anzueto A. Severe community-acquired pneumonia. Infect Dis Clin North Am 2009 Sep;23(3):503-520.
- \* 5. Anzueto AR, Restrepo MI. The role of gram-negative bacteria in healthcare-associated pneumonia Semin Respir Crit Care Med 2009 Feb;30(1):61-66.
- \* 6. Restrepo MI, Castellanos-Mateus P, Moseley M, Mortensen EM, Anzueto A. Impact of the head of the bed elevation to prevent ventilator-associated pneumonia. J Respir Care Appl Technol 2006;1(1):57-65.
- \* 7. Velez, JA, Mortensen EM, Anzueto AR, Restrepo MI. Antimicrobial treatment of community-acquired pneumonia in the elderly. Aging Health

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\* 9. Velez JA, Mortensen EM, Anzueto AR, Restrepo MI. Analisis de severidad y criterios de hospitalizacion en pacientes con neumonia adquirida en la comunidad [Severity of illness analysis and hospitalization criteria for patients with community acquired pneumonia.] Revista CES Medicina 2006;20(1):15-23.

### **PRESENTATIONS:**

04/2015 Infecciones Respiratorias estado del Arte, El LXXIV Congreso de Neumología y Cirugía de Torax, La Sociedad Mexicana de Neumología y Cirugía De Torax, Ciudad de Puerto Vallarta, Mexico (Invited Speaker)

*Details: Uso de antibioticos para la prevencion de exacerbaciones infecciosas en los pacientes con EPOC*

09/2011 Macrolide Therapy is Associated with Lower 30-day Mortality in Patients with Non-Pneumonia and Pneumonia Severe Sepsis, ERS Amsterdam 2011 Annual Congress, European Respiratory Society, Amsterdam, Netherlands (Co-Presenter)

*Details: Poster Presentation w/Dr. M. Restrepo*

09/2011 A Population-based Study of Statin, ARB, and ACE Inhibitor Use on Pneumonia-Related Outcomes, ERS Amsterdam 2011 Annual Congress, European Respiratory Society, Amsterdam, Netherlands (Co-Presenter)

*Details: Co-presenter with Dr. M. Restrepo*

09/2011 Moxifloxacin (MXF) vs Amoxicillin/Clavulanic Acid (AMC) in Acute Exacerbations of COPD (AECOPD): Results of a Large Clinical Trial with a Novel Endpoint, ERS Amsterdam 2011 Annual Congress, European Respiratory Society, Amsterdam, Netherlands (Co-Presenter)

*Details: Co-Presenter with Dr. Marcos Restrepo*

07/2011 Terapia broncodilatadora, antiinflamatoria y algo mas, XXV Congreso Venezolano de Neumonología y Cirugía de Torax, CHEST, SOVETORAX, ALAT, Maracibo, Venezuela (Invited Speaker)

*Details: The Cardiopulmonary and Critical Care Journal (CHEST), Sociedad Venezolana De Neumonología y Cirugía Torácica (SOVETORAX), Asociacion Latinoamericana de Torax (ALAT)*

07/2011 Manejo actualizado de la NAC y utilidad de los biomarcadores, XXV Congreso

Venezolano de Neumonología y Cirugía de Torax, CHEST, SOVETORAX, ALAT, Maracaibo, Venezuela (Sole Presenter)

*Details: The Cardiopulmonary and Critical Care Journal (CHEST), Sociedad Venezolana De Naumonología y Cirugía Toracica (SOVETORAX), Asociacion LatinoAmericana de Torax (ALAT)*

07/2011 3rd Conference of the Union of the Union Asia-Pacific Region, 3rd Conference of the Union Asia-Pacific Region, International Union Against Tuberculosis and Lung Disease, Hong Kong, Hong Kong (Invited Speaker)

*Details: Invited speaker at Conference in Hong Kong.*

05/2011 Should We Use Lung Protective Strategist In All Patients That Required Mechanical Ventilation?, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Invited Speaker)

05/2011 When Should I use Antibiotics And/Or Steroids, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Invited Speaker)

05/2011 Factors Associated With Change in COPD Exacerbation Frequency Phenotype, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Co-Presenter)

*Details: Co-Presenter of Poster*

05/2011 Identification Of Baseline Characteristics That Predict Future Risk Of Exacerbations in COPY Patients, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Co-Presenter)

*Details: Co-Presenter of Poster Presentation*

05/2011 Effect Of Budesonide/Formoterol Treatment On Dominant Predictors Of Exacerbations In Patients With COPD, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Co-Presenter)

*Details: Co-Presenter of Poster Presentation*

05/2011 Pooled Analysis Of Reductions In COPD Exacerbations With Tiotropium In COPD Patients From The United States, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Co-Presenter)

*Details: Co-Presenter of Poster Presentation*

05/2011 Risk Factors And Mortality Associated With Hospitalized Chronic Obstructive Pulmonary Disease (COPD) Exacerbations During The 3-Year Follow-Up In The Evaluation Of COPD Longitudinally To Identify Predictive Surrogate Endpoints (Eclipse) Cohort, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Co-Presenter)

*Details: Co-Presenter of Poster Presentation*

- 05/2011 Has The Mortality Of Mechanically Ventilated Patients Changed In Last Decade? Results of Three Prospective International Studies, ATS 2011 International Conference, American Thoracic Society, Denver, CO (Co-Presenter)  
*Details: Co-Presenter of Poster Presentation*
- 04/2011 El Exacerbador Frecuente: Es El Mas Comun De Los Fenotipos?, El LXX Congreso Nacional de Neumología y Cirugía de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax, A.C., Ciudad de Puebla, Mexico (Invited Speaker)  
*Details: Participated in a symposium - ZEPOC ACCP-ALAT-SMNYCT*
- 04/2011 Neumonía Adquirida en la Comunidad en EPOC: Nuevos Factores de Riesgo y Evolucion de la Enfermedad, El LXX Congreso Nacional de Neumología y Cirugía de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax, A.C., Ciudad de Puebla, Mexico (Invited Speaker)  
*Details: Participated in Conferencia Magistral, Bayer*
- 04/2011 Actualización en la Prevención de Exacerbaciones en la Epoc, El LXX Congreso Nacional de Neumología y Cirugía de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax, A.C., Ciudad de Puebla, Mexico (Invited Speaker)  
*Details: Participated in Conferencia Magistral, Boehringer*
- 03/2011 Como Y Cuando Usamos Ventilacion Mecanica, XXV Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federacion Centroamericana y del Caribe de Neumología y Cirugía del Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)
- 03/2011 Nuevas Modalidades de Ventilacion Mecanica, XXV Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federacion Centroamericano y del Caribe de Neumología y Cirugía de Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)
- 03/2011 Ventilacion de Alta Frecuencia, XXV Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federacion Centroamericana y del Caribe de Neumología y Cirugía del Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)
- 03/2011 Impacto de infecciones virales y neumonia adquirida en la comunidad., XXV Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federacion Centroamericana y del Caribe de Neumología y Cirugía del Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)
- 03/2011 Medidas Preventivas de Neumonía asociada a Ventilador, XXV Congreso

Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federación Centroamericano y del Caribe de Neumología y Cirugía del Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)

03/2011 Cambios en la etiología y tratamiento de pacientes con Neumonía Adquirida en la Comunidad en adultos., XXV Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federación Centroamericana y del Caribe de Neumología y Cirugía del Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)

03/2011 Retos actuales en el diagnóstico y manejo del EPOC., XXV Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Federación Centroamericana y del Caribe de Neumología y Cirugía del Torax, Congreso Centroamericano y del Caribe de Neumología y Cirugía del Torax, Honduras (Invited Speaker)

11/2010 Simposio "Fenotipos y Exacerbaciones" - El Exacerbador Frecuente, Día Mundial de la EPOC 2010, Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, Mexico City, Mexico (Invited Speaker)

*Details: La Asociación Latinoamericana del Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Alianza contra las Enfermedades Respiratorias Crónicas*

11/2010 Tratamiento - Intervenciones tempranas farmacológicas para evitar la caída en la función pulmonar, Día Mundial de la EPOC 2010, Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, Mexico City, Mexico (Invited Speaker)

*Details: La Asociación Latinoamericana del Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Alianza contra las Enfermedades Respiratorias Crónicas*

11/2010 Tratamiento - Lo que hemos aprendido del TORCH y del UPLIFT, Día Mundial de la EPOC 2010, Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, Mexico City, Mexico (Invited Speaker)

*Details: La Asociación Latinoamericana del Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Alianza contra las Enfermedades Respiratorias Crónicas*

11/2010 Impact of COPD Phenotype on Disease Progression and Management, COPD Expert Meeting, Catania, Italy (Invited Speaker)

*Details: Nuovo Evidenze - Nuovo Presente*

11/2010 Intervención Temprana En EPOC, Su Impacto En La Impulsión Pulmonar y Sobrevida, Día Mundial de la EPOC, La Sociedad Latinoamericana del Torax, Mexico City, Mexico (Invited Speaker)

*Details: Curso Nacional - "Mejorando La Vida Del Paciente Con EPOC", La Sociedad Mexicana de Neumologia y Cirugia de Torax y la Comision Nacional de Medicina General*

11/2010 Evaluando El Componente Multisistemico de la EPOC, Dia Mundial de la EPOC, La Sociedad Latinoamericana del Torax, Mexico City, Mexico (Invited Speaker)

*Details: Curso Nacional - "Mejorando La Vida Del Paciente Con EPOC", La Sociedad Mexicana de Neumologia y Cirugia de Torax y la Comision Nacional de Medicina General*

10/2010 Biomarcadores y pronostico en NAC, VII Congreso ALAT, Sociedad Peruana de Neumologia, Asociacion Latinoamericana de Torax, Lima, Peru (Invited Speaker)

*Details: XVI Encuentro De Integracion Iberolatinoamericano De Neumologia Y Cirugia de Torax*

09/2010 Conceptos Actuales En El Diagnostico Y Manejo De La Pulmonia Adquirida En La Comunidad, X Curso Actualidades en Medicina Critica, Academia Medica Del Sur De Puerto Rico, Puerto Rico (Invited Speaker)

*Details: ACCME a traves del Consejo de Educacion Medica de la Asociacion Medica de Puerto Rico y el Tribunal Examinadores de Medicos de Puerto Rico.*

09/2010 Case of COPD Exacerbation that Doesn't Improve, 2010 ERS Annual Congress, European Respiratory Society, Barcelona, Spain (Invited Speaker)

01/2010 Avances en el Conocimiento de la EPOC, Sinergia EPOC, Boehringer Ingelheim, Madrid, Spain (Invited Speaker)

12/2009 Update in Community Acquired Pneumonia, Southwest General Hospital Grand Rounds, Southwest General Hospital, San Antonio, TX (Invited Speaker)

11/2009 Terapia adyuvante a la VM en el SDRa: Terapia con surfactante, Ventilacion Liquida y posicion prono, XXVII Chilean Congress of Intensive Care Medicine, 1st Pan American and Iberian Congress of Intensive Care Nursing, Santiago, Chile (Invited Speaker)

*Details: IX Asamblea Cientifica de Medicina de Urgencias, X Jornadas de Kinesiologia Intensiva.*

11/2009 Neumonia Comunitaria Grave, Como Integrar el tratamiento, XXVII Chilean Congress of Intensive Care Medicine, 1st Pan American and Iberian Congress of Intensive Care Nursing, Santiago, Chile (Invited Speaker)

*Details: IX Asamblea Cientifica de Medicina de Urgencias, X Jornadas de Kinesiologia Intensiva*

10/2009 EPOC: Nuevos Hallazgos, Nuevas Oportunidades de Tratamiento, Actualizacion en



Neumologia 2009, Sociedad Peruana de Neumologia, Mexico City, Mexico (Invited Speaker)

*Details: Realizado en el Hotel Camino Real en Mexico, D.F., "Alere Flamman Veritatis"*

09/2009 EPOC: Nuevos Hallazgos, Nuevas Oportunidades de Tratamiento, Actualiazcion en Neumologia 2009, Sociedad Peruana de Neumologia, Monterrey, N.L., Mexico (Invited Speaker)

*Details: Realizado in el Hotel Safi Valle, "Alere Flamman Veritatis"*

05/2009 Dagli studi clinici alla pratica clinica, COPD Expert Meeting, COPD, Giardini Naxos (Messina), Italy (Invited Speaker)

*Details: Attended as Invited Speaker and Chairman*

05/2009 Lessons from large clinical trials in COPD, Dagli studi clinici alla pratica clinica, COPD, Baveno (Verbania), Italy (Invited Speaker)

*Details: Attended as Invited Speaker and Chairman*

12/2008 Protocolo de estudo UPLIFT, XXIV Congresso de Pnuemologia, Terapeuticas de DPOC e o estudo UPLIFT, Sociedade Portuguesa de Pneumologia, Porto, Portugal (Invited Speaker)

12/2008 Biomarkers in COPD: Where are we now? Where are they coming from?, 2008 Annual Meeting of Taiwan Society of Pulmonary and Critical Care Medicine, Symposium: Asthma and COPD, Taiwan Society of Pulmonary and Critical Care Medicine, Taipei, Taiwan (Invited Speaker)

11/2008 Manejo no antimicrobiano en las exacerbaciones, Dia Mundial de la EPOC, Perspectiva actual en el tratamiento de la EPOC, Instituto Nacional de Enfermedades Respiratorias, Mexico City, Mexico (Invited Speaker)

11/2008 Biomarkers of systemic involvement in acute exacerbations of COPD: is there overwhelming evidence?, EXP-O 2008 Expert Opinion Consensus/Dissensus Seminar, COPD is/is not a systemic disease?, Scientific Interdisciplinary Society for Research in Lung Disease, Venice, Italy (Co-Presenter)

11/2008 Hopes come to reality in chronic obstructive pulmonary disease patients, Beijing/Hong Kong Medical Exchange, Update on Respiratory Medicine, Chinese and Hong Kong Medical Associations, Hong Kong, Hong Kong (Invited Speaker)

11/2008 Intervencion temprana en EPOC, Dia Mundial de la EPOC, Perspectiva actual en el tratamiento de la EPOC, Instituto Nacional de Enfermedades Respiratorias, Mexico, Mexico (Invited Speaker)

- 11/2008 Resultados del estudio "UPLIFT", Dia Mundial de la EPOC, Perspectiva actual en el tratamiento de la EPOC, Instituto Nacional de Enfermedades Respiratorias, Mexico City, Mexico (Invited Speaker)
- 11/2008 Simposio "Antibioticos y EPOC", Dia Muncial de la EPOC, El Instituto Nacional de Enfermedades Respiratorias, Mexico City, Mexico (Invited Speaker)  
*Details: Curso Nacional "Perspectiva Actual en el Tratamiento de la EPOC" - La Alianza Global para las Enfermedades Respiratorias Cronicas, la Asociacion Latinamericana del Torax, la Sociedad Mexicana de Neumologia y Cirugia de Torax y el Comitè Normativo Nacional de Medicine General*
- 11/2008 Simposio la "EPOC Una Enfermedad Inflamatoria" Intervencion Temprana en EPOC, Dia Mundial de la EPOC, El Instituto Nacional de Enfermedades Respiratorias, Mexico City, Mexico (Invited Speaker)  
*Details: Curso Nacional "Perspectiva Actual en el Tratamiento de la EPOC" - La Alianza Global para las Enfermedades Respiratorias Cronicas, la Asociacion Latinamericana del Torax, la Sociedad Mexicana de Neumologia y Cirugia de Torax y el Comitè Normativo Nacional de Medicine General*
- 11/2008 Simposio la "EPOC Una Enfermedad Inflamatoria" Resultados del Estudio "UPLIFT", Dia Mundial de la EPOC, El Instituto Nacional de Enfermedades Respiratorias, Mexico City, Mexico (Invited Speaker)  
*Details: Curso Nacional "Perspectiva Actual en el Tratamiento de la EPOC" - La Alianza Global para las Enfermedades Respiratorias Cronicas, la Asociacion Latinamericana del Torax, la Sociedad Mexicana de Neumologia y Cirugia de Torax y el Comitè Normativo Nacional de Medicine General*
- 07/2008 EPOC: Una Nueva Era En Su Tratamiento, La Facultad de Medicina de la U.A.N.L., Merida, Yucatan, Mexico (Invited Speaker)  
*Details: "Alere Flammam Veritatis", Monterrey, N.L.*
- 03/2008 Neumonia Nosocomial, LXVII Congreso Nacional, La Sociedad Mexicana de Neumologia y Cirugia de Torax, Ixtapa Zihuatanejo, Mexico (Invited Speaker)
- 03/2008 Con el Tema: Actualidad en EPOC: Tratamiento de la EPOC (Modificacion de la Enfermedad), LXVI I Congreso Nacional, La Sociedad Mexicana de Neumologia y Cirugia de Torax, Ixtapa Zihuatanejo, Mexico (Invited Speaker)
- 01/2008 Avances en el Manejo del Paciente Geriatrico, XXVI Congreso Nacional de Medicina Interna, La Asociacion de Medicina Interna de Guatemala y El Comitè Organizador, Guatemala (Invited Speaker)  
*Details: Celebrado el 30 y 31 de enero, 1 de febrero, 2008*

- 12/2007 EPOC: Una Nueva Era En Su Tratamiento, UANL Facultad de Medicina, Guadalajara, Jalisco, Mexico (Invited Speaker)  
*Details: "Alere Flammas Veritatis", Realizado en el Hotel Presidente Intercontinental*
- 12/2007 Community Acquired Pneumonia, Southwest General Hospital Grand Rounds, Southwest General Hospital, San Antonio, TX (Sole Presenter)
- 10/2007 Prospective From a Male Physician, CHEST 2007, The Balancing Act: Managing an Academic Career and Personal Life, The American College of Chest Physicians, Chicago, IL (Sole Presenter)
- 10/2007 COPD and Comorbidities IV, CHEST 2007 conference, The American College of Chest Physicians, Chicago, IL (Panel)  
*Details: Moderator*
- 10/2007 Treatment: Use of Long Acting Bronchodilators in Moderate COPD, CHEST 2007 Conference, State of Art: Controversies in COPD, The American College of Chest Physicians, Chicago, IL (Sole Presenter)
- 10/2007 Impacto de tratamiento en la evolucion de EPOC, 35 Congreso Argentino Medicina Respiratoria, Curso Precongreso: Epoc una puesta al dia, 35 Congreso Argentino Medicina Respiratoria, San Miguel de Tucuman, Argentina (Sole Presenter)
- 10/2007 EPOC ¿Es una Enfermedad Reversible?, 35 Congreso Argentino Medicina Respiratoria, Curso Precongreso: Epoc una Puesta al dia, 35 Congreso Argentino Medicina Respiratoria, San Miguel de Tucuman, Argentina (Sole Presenter)
- 10/2007 Neumonia grave de la comunidad en insuficiencia respiratoria, 35 Congreso Argentino Medicina Respiratoria, Asociacion Argentina de Medicina Respiratoria, San Miguel de Tucuman, Argentina (Invited Speaker)  
*Details: Curso Precongreso: Insuficiencia Respiratoria*
- 10/2007 ¿Todos los tratamientos son iguales?, 35 Congreso Argentino Medicina Respiratoria, Simposio GSK: Mejorando La Vida De Los Pacientes, 35 Congreso Argentino Medicina Respiratoria, San Miguel de Tucuman, Argentina (Sole Presenter)
- 10/2007 Exacerbacion Infecciosa de la EPOC, 35 Congreso Argentino Medicina Respiratoria, Nuevos Avances en Infecciones Pulmonares, 35 Congreso Argentino Medicina Respiratoria, San Miguel de Tucuman, Argentina (Sole Presenter)
- 10/2007 Foro de discusion: uso de beta-agonistas y corticoides inhalados en asma fatal, 35 Congreso Argentino Medicina Respiratoria, 35 Congreso Argentino Medicina Respiratoria, San Miguel de Tucuman, Argentina (Panel)

- 10/2007 Desafiando al Profesor en Pathologias Obstructivas: Presentacion de Casos, 35th Congreso Argentino de Medicine Respiratoria, Asociacion Argentina de Medicina Respiratoria, San Miguel de Tucuman, Argentina (Invited Speaker)
- 10/2007 Nuevos Avances en Infecciones Pulmonares - Nuevas Guias, 35th Congreso Argentino De Medicina Respiratoria, Asociacion Argentina de Medicina Respiratoria, San Miguel de Tucuman, Argentina (Invited Speaker)
- 10/2007 Nuevos Avances en Infecciones Pulmonares, 35th Congreso Argentino de Medicina Respiratoria, Asociacion Argentina de Medicina Respiratoria, San Miguel de Tucuman, Argentina (Invited Speaker)  
*Details: Exacerbacion Infecciosa de la EPOC*
- 09/2007 Medidas para prevenir NAV estan funcionando?, X Jornadas Nacionales de Medicina Critica Y Medicina Critica Pediatrica, Sociedad Venezolana de Medicina Critica, Caracas, Venezuela (Sole Presenter)
- 09/2007 Tratamiento de neumonia severa adquirida en la comunidad, X Jornadas Nacionales de Medicina Critica Y Medicina Critica Pediatrica, Sociedad Venezolana de Medicina Critica, Caracas, Venezuela (Sole Presenter)
- 09/2007 Ventilacion mecanica en el paciente obeso, X Jornadas Nacionales de Medicina Critica Y Medicina Critica Pediatrica, sociedad Venezolana de Medicina Critica, Caracas, Venezuela (Sole Presenter)
- 09/2007 Greatest international antibiotic trial (GIANT): comparison of interim results from Europe (EUR), Latin America (LA) & Asia-Pacific (AP), European Respiratory Society, European Respiratory Society, Stockholm, Sweden (Co-Presenter)  
*Details: Thematic Poster Session: Aetiology, mechanisms and treatment in lower respiratory tract infections*
- 09/2007 Impact of telithromycin (T), azithromycin (A) and cefuroxime axetil (C) on the carriage of resistant streptococcus pneumoniae (Sp) in patients with acute exacerbation of chronic bronchitis (AECB), ERS Stockholm 2007 Annual Congress, Electronic Poster Discussion: Different aspects of COPD exacerbations, European Respiratory Society, Stockholm, Sweden (Co-Presenter)
- 09/2007 International web-based study on stable COPD patients: the EPOCA project, ERS Stockholm 2007 Annual Congress, Electronic Poster Discussion: Environmental and clinical aspects of COPD, European Respiratory Society, Stockholm, Sweden (Co-Presenter)
- 09/2007 Seasonal pattern of exacerbation rates in the tiotropium clinical trial database, ERS Stockholm 2007 Annual Congress, Thematic Poster Session: New insights into the

treatment of COPD, European Respiratory Society, Stockholm, Sweden (Co-Presenter)

- 08/2007 Terapeuticas coadyuvantes en la ARM, Simposio Internacional de Enfermedad Pulmonar Obstructive Cronica (EPOC) y Asistencia Respiratoria Mecanica (ARM), Asistencia Respiratoria Mecanica (ARM), Fundacion Favalaro, Buenos Aires, Argentina (Sole Presenter)
- 08/2007 Exacerbacion aguda, Simposio Internacional de Enfermedad Pulmonar Obstructive Cronica (EPOC) y Asistencia Respiratoria Mecanica (ARM), Enfermedad Pulmonar Obstructive Cronica (EPOC), Fundacion Favloro, Buenos Aires, Argentina (Sole Presenter)
- 08/2007 Farmacoterapeutica: la evidencia, Simposio Internacional de Enfermedad Pulmonar Obstructive Cronica (EPOC) y Asistencia Respiratoria Mecanica (ARM), Enfermedad Pulmonar Obstructive Cronica (EPOC), Fundacion Favalaro, Buenos Aires, Argentina (Sole Presenter)
- 08/2007 Modificacion de la Enfermedad EPOC, XXIV Congreso Nacional de Investigacion Biomedica, Horizontes de la Medicina, Universidad Autonoma de Neuvo Leon, Neuvo Leon, Mexico (Invited Speaker)  
*Details: La Facultad de Medicina, a Traves de la Subdireccion de Investigacion.*
- 07/2007 Ventilacion Mecanica en el paciente obeso, X Curso Actualidades en Medicina Critica, TEC de Monterrey, Monterrey, Mexico (Sole Presenter)
- 07/2007 ?Que aprendimos de ARDS en VM en SIRA?, X Curso Actualidades en Medicina Critica, Ventilacion mecanica y sepsis, TEC de Monterrey, Monterrey, Mexico (Sole Presenter)
- 07/2007 VMNI en pacientes que fallan al destete, X Curso Actualidades en Medicina Critica, Ventilacion mecanica y sepsis, TEC de Monterrey, Monterrey, Mexico (Co-Presenter)
- 07/2007 Caso clinico, X Curso Actualidades en Medicina Critica, Ventilacion mecanica y sepsis, TEC de Monterrey, Monterrey, Mexico (Co-Presenter)
- 07/2007 ?Cuando realizar la traquesostomia?, X Curso Actualidades en Medicina Critica, Ventilacion mecanica y sepsis, TEC de Monterrey, Monterrey, Mexico (Sole Presenter)
- 05/2007 Infections and COPD Exacerbation, ATS 2007 International Conference, American Thoracic Society, San Francisco, CA (Panel)
- 05/2007 Update on the Diagnosis and Treatment of Severe Sepsis, ATS 2007 International Conference, Critical Care Track, American Thoracic Society, San Francisco, CA (Panel)

- 05/2007 Understanding COPD exacerbation: The next goal in treating our patients, ATS 2007 International Conference, Evening PostGraduate Seminar, American Thoracic Society, San Francisco, CA (Panel)
- 05/2007 Mechanical Ventilation: Applications, ATS 2007 International Conference, Thematic Poster Session, American Thoracic Society, San Francisco, CA (Panel)
- 05/2007 Risk Factors for Multidrug Resistant Pathogens in ICU Patients with Pneumonia, ATS 2007 International Conference, Health Care Associated Pneumonia, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 05/2007 PRO: Clinical trials are changing daily practice in mechanical ventilation, ATS 2007 International Conference, Controversies in Critical Care-Rebitta;, American Thoracic Society, San Francisco, CA (Sole Presenter)
- 05/2007 Diagnostic Techniques and Monitoring, ATS 2007 International Conference, Thematic Poster Session, American Thoracic Society, San Francisco, CA (Panel)
- 05/2007 Greatest International Antibiotic Trial (GIANT): Comparison of Interim Results from Europe and Asia, ATS 2007 International Conference, Predicting and Treating COPD Exacerbations, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 05/2007 Anxiety and Depression Are Associated with Frequent Acute Exacerbations of COPD in a High-Risk COPD Population, ATS 2007 International Conference, Predicting and Treating COPD Exacerbations, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 05/2007 Association of Lipophilic and Hydrophilic ACE Inhibitors with Pneumonia-Related Mortality, ATS 2007 International Conference, Community Acquired Pneumonia, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 05/2007 Risk Factors for Multidrug Resistant Pathogens in Patients with Community-Acquired Pneumonia, ATS 2007 International Conference, Community Acquired Pneumonia, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 05/2007 Late Admission to the ICU in Patients with Community-Acquired Pneumonia (CAP) Is Associated with Higher Mortality, ATS 2007 International Conference, Community Acquired Pneumonia, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 05/2007 Lucinactant Bronchopulmonary Segemental Lavage (BPSL) in Patients with ARDS, ATS 2007 International Conference, Preclinical Therapies for Lung Injury and Sepsis: Preliminary Results, American Thoracic Society, San Francisco, CA (Co-Presenter)
- 04/2007 COPD modification - Pharmaceutical interventions, 11th State-of-the-Art

Interdisciplinary Review Course on Pulmonary Diseases, Critical Care, Emergency Medicine & Nursing Care, COPD modification: Is it an achievable goal?, Ch. Roussos, Athens, Greece (Sole Presenter)

04/2007 Otras alternativas de rescate en el paciente hipoxemico, VI Congreso Colombiano de Medicina Critica Y Cuidados Intensivos, Cursos Pre-Congreso, Medellin, Colombia (Sole Presenter)

04/2007 Ventilacion mecanica ne EPOC, VI Congreso Colombiano de Medicina Critica Y Cuidados Intensivos, Cursos Precongreso: Estado del Arte, Medellin, Colombia (Sole Presenter)

03/2007 Latest Advances in COPD Treatment, Symposium on COPD the 21st Century Killer, Baptist Health South Florida, South Miami, FL (Invited Speaker)

03/2007 Monoterapia en pacientes hospitalizados por NAC., XXI Congreso de la Federacion Centroamericana y del Caribe de Neumologia y Cirugia del Torax, Torax: Una Vision a la Medicina Integral, American College of Chest Physicians, Juan Dolio, Dominican Republic (Invited Speaker)

02/2007 Fluoroquinolone efficacy in AECB: the evidence?, Fourth Forum on Respiratory Tract Infections, Controversies in a changing contemporary environment, AIM International Group, Sitges - Barcelona, Spain (Invited Speaker)

*Details: Scientific Program*

02/2007 What antimicrobial therapy for mild-to-moderate AECB?, Fourth Forum on Respiratory Tract Infections, COPD-AECB and related conditions, AIM International Group, Sitges - Barcelona, Spain (Invited Speaker)

02/2007 Mechanisms of exacerbation of respiratory symptoms in patients with COPD, Complexity of patients with multiple chronic diseases, Session IV: Exacerbation of respiratory symptoms in chronic diseases, European Respiratory Society, Rome, Italy (Invited Speaker)

12/2006 The Winter Present: Pneumonia, Medicine Grand Rounds, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Speaker)

11/2006 DPOC: Os desafios para terapia futura, XXXIII Congresso Brasileiro de Pneumologia E Tisiologia, Sociedade Brasileira de Pneumologiae Tisiologia, Fortaleza, Brazil (Invited Speaker)

11/2006 Novas terapias na pneumonia grave, XXXIII Congresso Brasileiro de Pneumologia E Tisiologia, Sociedade Brasileiro de Pneumologia E Tisiologia, Fortaleza, Brazil (Invited Speaker)

- 11/2006 Simposios Satelites, XXXIII Congresso Brasileiro de Pneumologia E Tisiologia, Sociedade Brasileiro de Pneumologia E Tisiologia, Fortaleza, Brazil (Panel)  
*Details: Sala-1: NOVARTIS - Tratamento de asma. Sala-2: BOEHRINGER-E possivel modificar o curso da doenca na DPOC?*
- 11/2006 SIMPOSIOS SATELITES, XXXIII Congresso Brasileiro de Pneumologia E Tisiologia, XXXIII Congresso Brasileiro de Pneumologia E Tisiologia, Fortaleza, Brazil (Panel)  
*Details: Sala-6: BAYER - Infeccao Respiratoria.*
- 09/2006 Examining the evidence: lung function, ERS 2006 Annual Congress, Session 291- Evening Symposium: Essential maintenance therapy in COPD: examining the evidence, European Respiratory Society, Munich, Germany (Sole Presenter)
- 09/2006 Placebo-controlled, double-blind trial of chronic, intermittent 'pluse' therapy of moxifloxacin to prevent acute exacerbations in COPD patients with chronic bronchitis: baseline data, ERS Munich 2006 Annual Congress, Session 438-Oral Presentation: Clinical aspects and treatment of lower respiratory infection in COPD patients, European Respiratory Society, Munich, Germany (Co-Presenter)
- 09/2006 Greatest International Anti-infective Trial (GIANT) - the German cohort: moxifloxacin treatment provides short- and long-term benefits in AECB patients., ERS Munich 2006 Annual Congress, Session 438-Oral Presentation: Clinical aspects and treatment of lower respiratory infection in COPD patients., European Respiratory Society, Munich, Germany (Co-Presenter)
- 09/2006 New challenges in improving outcomes in Severe Community Acquired Pneumonia, ESICM 2006 Barcelona 19th Annual Congress, European Society of Intensive Care Medicine, Barcelona, Spain (Invited Speaker)
- 09/2006 The challenge of managing a patient with severe community-acquired pneumonia, ESICM 19th Annual Congress Barcelona, Spain, European Society of Intensive Care Medicine, Barcelona, Spain (Invited Speaker)
- 09/2006 Recent therapeutic trials in severe sepsis, ESICM 19th Annual 2006 Congress, Thematic Session, European Society of Intensive Care Medicine, Barcelona, Spain (Panel)  
*Details: 1. Glycaemic control in sepsis: Does it work? 2. Vasopressin in severe sepsis; 3. Volume resuscitation; 4. CATS; 5. SOAP II (dopamine versus norepinephrine); and 6. Discussion.*
- 09/2006 Nebulization of drugs in intubated patients, ESICM 2006 Barcelona 19th Annual Congress, From bench to bedside: Pharmacotherapy in the critically ill patients, European Society of Intensive Care Medicine, Barcelona, Spain (Invited Speaker)



- 07/2006 Tratamiento de Neumonía Comunitaria, V Congreso Asociación Latinoamericana de Torax, LXV Congreso Sociedad Mexicana de Neumología de Torax, XIV Congreso Asociación Sudamericana Toracica, Ciudad de Cancun, Mexico (Invited Speaker)  
*Details: La Asociación Latinoamericana de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Asociación Sudamericana de Cirugía Toracica.*
- 07/2006 Proteína C Activada y Sepsis: Pros, V Congreso Asociación Latinoamericana de Torax, LXV Congreso Sociedad Mexicana de Neumología de Torax, XIV Congreso Asociación Sudamericana Toracica, Ciudad de Cancun, Mexico (Invited Speaker)  
*Details: La Asociación Latinoamericana de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Asociación Sudamericana de Cirugía Toracica.*
- 07/2006 Discusión de Casos: Tratamiento de Un Caso Con EPOC Muy Severo, V Congreso Asociación Latinoamericana de Torax, LXV Congreso Sociedad Mexicana de Neumología de Torax, XIV Congreso Asociación Sudamericana Toracica, Ciudad de Cancun, Mexico (Invited Speaker)  
*Details: La Asociación Latinoamericana de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Asociación Sudamericana de Cirugía Toracica.*
- 07/2006 Modificando La Progresión Natural de la EPOC: Modelando Una Nueva Era, V Congreso Asociación Latinoamericana de Torax, LXV Congreso Sociedad Mexicana de Neumología de Torax, XIV Congreso Asociación Sudamericana Toracica, Ciudad de Cancun, Mexico (Invited Speaker)  
*Details: La Asociación Latinoamericana de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Asociación Sudamericana de Cirugía Toracica.*
- 07/2006 Estudios en Síndrome de Insuficiencia Respiratoria Progresiva Aguda (SIRPA), V Congreso Asociación Latinoamericana de Torax, LXV Congreso Sociedad Mexicana de Neumología de Torax, XIV Congreso Asociación Sudamericana Toracica, Ciudad de Cancun, Mexico (Invited Speaker)  
*Details: La Asociación Latinoamericana de Torax, La Sociedad Mexicana de Neumología y Cirugía de Torax y La Asociación Sudamericana de Cirugía Toracica.*
- 06/2006 Evolución de la Utilización de la Ventilación No-Invasiva (VNI), XLI Congreso Nacional de la SEMICYUC, XXXII Congreso Nacional de la SEEIUC, Pamplona, Spain (Invited Speaker)  
*Details: En La Unidad de Cuidados Intensivos*
- 06/2006 Ha Cambiado La Desconexión de la Ventilación Mecánica en los Últimos Años?, XLI Congreso Nacional de la SEMICYUC, XXXII Congreso Nacional de la SEEIUC, Pamplona, Spain (Invited Speaker)

- 06/2006 Influencia de las Ensayos Clinicos en el Tratamiento del Sindrome de Distress Respiratorio Aguda (SDRA), XLI Congreso Nacional de la SEMICYUC, XXXII Congreso Nacional de la SEEIUC, Pamplona, Spain (Invited Speaker)
- 05/2006 Abnormal PaCO<sub>2</sub> Predicts Need for ICU Admission and Mortality in Patients with Community-Acquired Pneumonia (CAP), American Thoracic Society International Conference, American Thoracic Society, San Diego, CA (Co-Presenter)
- 02/2006 Emerging Respiratory Infections, 25th Annual Chest Convention, The Philippine College of Chest Physicians, Mandaluyong City, Philippines (Invited Speaker)
- 12/2005 The Role of Biomarkers as Indices of Appropriate or Inappropriate Ventilator Management, 51st International Respiratory Congress, American Association for Respiratory Care, San Antonio, TX (Sole Presenter)
- 11/2005 Neumonia asociada al ventilador, Cuarto Curso Internacional de Ventilacion Mecanica, Spain (Sole Presenter)
- 11/2005 Sedacion y relajacion muscular durante VM, Cuarto Curso Internacional de Ventilacion Mecanica, Spain (Sole Presenter)
- 11/2005 Epidemiologia de la VM, Cuarto Curso Internacional de Ventilacion Mecanica, Spain (Sole Presenter)
- 10/2005 Clinical and treatment patterns among 398 patients with ventilator-associated pneumonia: final results of the assessment of local antimicrobial resistance measures (ALARM) study, 2005 Annual CHEST Conference, Ventilator Associated Infections, ACCP, Montreal, Canada (Co-Presenter)  
*Details: Abstract presentation*
- 10/2005 Impact of guideline-concordant antibiotic therapy on mortality within 48 hours of admission for patients hospitalized with community-acquired pneumonia, 2005 Annual CHEST Conference, Community Acquired Pneumonia, ACCP, Montreal, Canada (Co-Presenter)  
*Details: Abstract Presentation*
- 10/2005 Evaluation of ICU admission criteria for patients with community-acquired pneumonia: current practice survey, 2005 Annual CHEST Conference, Community-Acquired Pneumonia, ACCP, Montreal, Canada (Co-Presenter)  
*Details: Abstract presentation.*
- 10/2005 Critical Illness and the Lung, 2005 Annual CHEST Conference, Case Reports: Critical Illness and the Lung, ACCP, Montreal, Canada (Panel)  
*Details: Expert*

- 10/2005 Cellular Response as an Issue in Treating COPD, 2005 Annual CHEST Conference, Impact of Early Intervention and Treatment of COPD, ACCP, Montreal, Canada (Sole Presenter)
- 10/2005 Management of Acute Exacerbations of Chronic Bronchitis: An Evidence-Based Approach, 2005 Annual CHEST Conference, An Update on Acute Exacerbation of COPD, ACCP, Montreal, Canada (Sole Presenter)
- 10/2005 Nonventilatory Strategies for Treating Patients with ARDS, 2005 Annual CHEST Conference, Strategies to Position Your Patient for Improved Outcomes in ARDS, ACCP, Montreal, Canada (Sole Presenter)
- 10/2005 Defining Disease Progression in COPD, 2005 Annual CHEST Conference, Disease Progression in COPD, ACCP, Montreal, Canada (Sole Presenter)
- 10/2005 Respiratory Failure Outcomes, 2005 Annual CHEST Conference, Respiratory Failure Outcomes, ACCP, Montreal, Canada (Panel)  
*Details: Role as Moderator*
- 10/2005 Optimal treatment of the patient with a severe acute exacerbation of COPD, 2005 Annual CHEST Conference, Evidence-Based Management of Serious Respiratory Infections, ACCP, Montreal, Canada (Sole Presenter)
- 10/2005 Systematic review of disease management in chronic obstructive pulmonary disease, CHEST 2006 Conference, American College of Chest Physicians, Montreal, Canada (Co-Presenter)
- 10/2005 Comparative efficacy of oral and sequential intravenous/oral moxifloxacin in the treatment of community acquired pneumonia (CAP) in the very elderly (Age  $\geq$  75 years)., CHEST 2005 Conference, Respiratory Infections: Bronchitis and Pneumonia, American College of Chest Physicians, Montreal, Canada (Co-Presenter)
- 10/2005 Current knowledge and practice to diagnose patients with severe community-acquired pneumonia admitted to the ICU., 2005 CHEST Conference, Respiratory Infections: Challenges, American College of Chest Physicians, Montreal, Canada (Co-Presenter)
- 08/2005 Epidemiology of mechanical ventilation-Respiratory care, 9th Congress of the World Federation of Societies of Intensive and Critical Care Medicine, Sociedad Argentina de Terapia Intensiva & WFSICCM, Buenos Aires, Argentina (Co-Presenter)
- 08/2005 High PEEP vs intermediate PEEP in ALI/ARDS High PEEP, 9th Congress WFSICCM, Controversies in the management of ARDS, World Federation of Societies of Intensive and Critical Care Medicine, Buenos Aires, Argentina (Co-Presenter)

- 08/2005 Fluid should be restricted in ARDS, 9th Congress of the WFSICCM, Controversies in the management of ARDS, World Federation of Societies of Intensive Critical Care Medicine, Buenos Aires, Argentina (Co-Presenter)
- 08/2005 What should the intensivist know about COPD exacerbations?, 9th Congress of the WFSICCM, The COPD patient in the ICU, World Federation Societies Intensive Critical Care Medicine, Buenos Aires, Argentina (Sole Presenter)
- 07/2005 Treating Respiratory Tract Infections: Manage the Patient, Manage the Community, 58th Annual Assembly & Exhibition, Louisiana Academy of Family Physicians, New Orleans, LA (Sole Presenter)
- 06/2005 Vision critica de la Ventilacion en el SDRA, XL Congreso Nacional de la SEMICYUC, Actualizacion en el Síndrome de Distres Respiratorio Agudo (SDRA), Semicyuc, A Coruna, Spain (Sole Presenter)
- 05/2005 An Assessment of Empiric Antimicrobial Therapy with a Beta-Lactam and Fluoroquinolone on Mortality for Patients Hospitalized with Community-Acquired Pneumonia, SGIM Annual Meeting, New Orleans, LA (Co-Presenter)  
*Details: Oral Abstract Presentation*
- 05/2005 Terapia eficiente de NAC en el hospital, XII Congreso de la Asociacion Panamericana de Infectologia, Nuevas Opciones en Monoterapia, Caracas, Venezuela (Sole Presenter)
- 04/2005 Manejo de la hipoxemia refractaria en el SDRA: "Existen en realidad alternataives"?, Bogata, Colombia (Sole Presenter)
- 04/2005 Lesion pulmonar asociada a la ventilacion mecanica, Bogata, Colombia (Sole Presenter)
- 04/2005 Respiratory quinolones in EU/U.S.A., 45th Annual Meeting of the Japanese Respiratory Society, Respiratoy quinolone in respiratory infection, Japanese Respiratory Society, Chiba City, Japan (Invited Speaker)
- 04/2005 Factores implicados en la perdida acelerada de la funcion pulmonary en la EPOC, X Congreso Sociedad Madrilenas de Neumologia y Cirugia Toracica, Madrid, Spain (Sole Presenter)
- 04/2005 Manejo de la hipoxemia refractaria en el SDRA: "Existen en realidad alternatives"?, Annual Meeting Colombian Critical Care Society, Bogata, Colombia (Sole Presenter)
- 03/2005 New Evidence for bacteria involvement in the natural history of COPD, 3(o) Forum Internazionale Pneumologia: dalla tradizione al futuro, Milano, Italy (Sole Presenter)

- 01/2005 Neumonia en el adulto mayor, XXIII Congreso Nacional de Medicina Interna, Pasado, Presente y Futuro de la Medicina Interna en la Atencion Integral del Paciente, Guatemala (Sole Presenter)
- 11/2004 Actualizacion en la Terapeutica de las NAC basada en evidencias., XXI Congreso Venezolano de Neumonologia Y Cirugia de Torax, Infecciones, Venezuela (Sole Presenter)
- 10/2004 Efficacy of Advair Diskus 250/50 (Fluticasone Pro-pionate/Salmeterol) in Patients Previously naive to COPD Maintenance Therapy, Annual CHEST Conference, COPD: Standard and Novel Therapies, Seattle, WA (Co-Presenter)  
*Details: Poster Presentation*
- 10/2004 Escalation/De-escalation of Initial Empiric Ventilator -Associated Pneumonia Therapy: Interim Results From The Assessment of Local Antimicrobial Resistance Measures Study, Annual CHEST Conference, Nosocomial and Ventilator Associated Pneumonia, Seattle, WA (Co-Presenter)  
*Details: Slide Presentation*
- 10/2004 The Association Between Statin Use and Mortality for Patients Hospitalized With Community-Acquired Pneumonia, Annual CHEST Conference, Community-Acquired Pneumonia, Seattle, WA (Co-Presenter)  
*Details: Slide Presentation*
- 10/2004 Bacteriologic Eradication of Haemophilus Influenzae in Patients with Acute Bacterial Exacerbations of Chronic Bronchitis: A Comparison of Moxifloxacin to Macrolide Agents, Annual CHEST Conference, COPD Therapies: Antibiotics, Steroids, Bronchodilators, and Immune Modulators, Seattle, WA (Co-Presenter)  
*Details: Poster Presentation*
- 10/2004 Should All The Bacteremic Pneumococcal Pneumonia Patients be Considered Severe Community Acquired Pneumonia?, Annual CHEST Conference, Respiratory Infections: Evaluation and Outcomes, Seattle, WA (Co-Presenter)  
*Details: Poster Presentation*
- 10/2004 Drug-Induced Acute Eosinophilic Pneumonia Induced by Inhaled Vancomycin, Annual CHEST Conference, Diffuse Lung Disease II, Seattle, WA (Co-Presenter)  
*Details: Case Report*
- 10/2004 COPD Therapy, 70th Anniversary meeting of CHEST 2004, Seattle, WA (Panel)
- 10/2004 Optimizing Outcomes of Acute Exacerbations of Chronic Bronchitis, 70th Anniversary, CHEST 2004, Patient-Focused Care for Respiratory Infections: Optimizing Patient

Outcomes, Seattle, WA (Panel)

- 10/2004 Community-Acquired Pneumonia Recovery in the Elderly (CAPRIE): Efficacy and Safety of Moxifloxacin vs. Levofloxacin, 70th Anniversary CHEST 2004, Late Breaking Science, Seattle, WA (Panel)
- 10/2004 Efficacy of Fluticasone Propionate/Salmeterol (Advair Diskus 250/50) in Patients Previously Naive to COPD Maintenance Therapy, 70th Anniversary CHEST Conference 2004, COPD: Standard and Novel Therapies, Seattle, WA (Sole Presenter)  
*Details: Poster Presentation*
- 10/2004 Síndrome Del Distres Respiratorio Agudo, 32 Congreso de la AAMR IV Congreso de la ALAT, Barotrauma, Argentina (Co-Presenter)
- 10/2004 Ventilator Associated Pneumonia, 17th Annual Update on Pulmonary and Critical Care Medicine, Critical Care, Ann Arbor, MI (Sole Presenter)
- 10/2004 Limitations in the Use of Non-invasive Ventilation, 17th Annual Update on Pulmonary and Critical Care Medicine, Critical Care, Ann Arbor, MI (Sole Presenter)
- 07/2004 Complicaciones de ventilación mecánica: Retos en diagnóstico y manejo de la neumonía asociada al ventilador, VII Curso Actualidades en Medicina Crítica: Ventilación Mecánica y Sepsis, Mexico (Sole Presenter)
- 07/2004 Abuso de la ventilación no invasiva, VII Curso Actualidades en Medicina Crítica: Ventilación Mecánica y Sepsis, Mexico (Sole Presenter)
- 07/2004 Que hemos aprendido del manejo ventilatorio en SIRA?, VII Curso Actualidades en Medicina Crítica: Ventilación Mecánica y Sepsis, Mexico (Sole Presenter)
- 07/2004 Traqueostomía Percutánea, VII Curso Actualidades en Medicina Crítica: Ventilación Mecánica y Sepsis, Mexico (Sole Presenter)
- 05/2004 Definition Of Severe CAP, American Thoracic Society 100th International Conference, Community-Acquired Pneumonia: Clinical Controversies and Society (IDSA/ATS) Consensus, Orlando, FL (Sole Presenter)
- 05/2004 A1 Clinical Year in Review 1, American Thoracic Society 100th International Conference 2004, Clinical Year in Review 1, Orlando, FL (Panel)
- 05/2004 Issues in ICU Management, American Thoracic Society 100th International Conference, Issues in ICU Management, Orlando, FL (Panel)
- 05/2004 Clinical Year in Review 2, American Thoracic Society 100th International Conference,

Clinical Year in Review 2, Orlando, FL (Panel)

05/2004 Does Anti-Infective Therapy Make An Impact On Outcome Of Exacerbation?, American Thoracic Society 100th International Conference, Infection At COPD Exacerbation: From Trigger To Therapeutic Target, Orlando, FL (Sole Presenter)

05/2004 Clinical Year in Review 3, American Thoracic Society 100th International Conference, Clinical Year in Review 3, Orlando, FL (Panel)

05/2004 Effects of Tiotropium in COPD Patients Only Treated with PRN Albuterol, American Thoracic Society 100th International Conference, COPD Therapy: More Than Simple Bronchodilation, Orlando, FL (Co-Presenter)

05/2004 Ethics and Non-Pulmonary Critical Care, American Thoracic Society 100th International Conference, Orlando, FL (Panel)

05/2004 Clinical Year in Review 4, American Thoracic Society Conference 2004, D1 Clinical Year in Review 4, Orlando, FL (Panel)

05/2004 Acute Exacerbation of COPD, American Thoracic Society Conference 2004, D22 Acute Exacerbation of COPD, Orlando, FL (Panel)

05/2004 Prevalence of Bacterial Pathogens and Outcomes in Ventilator-Associated Pneumonia (VAP) in the ICU: Results from ALARM (Assessment of Local Antimicrobial Resistance Measures), American Thoracic Society Conference 2004, ICU Pneumonia/ Infections/ Sepsis, Orlando, FL (Co-Presenter)

05/2004 Non-Invasive Positive Pressure Ventilation (NIPPV) Does Not Prevent Reintubation and May Be Harmful in Patients with Post-Extubation Respiratory Distress: Results of a Randomized-Controlled Trial (RCT), American Thoracic Society Conference 2003, B16 Weaning, Seattle, WA (Co-Presenter)

04/2004 El Impacto del Tratamiento en la Evolucion de la Funcion Pulmonar en Pacientes con EPOC Estable, LXIII National Congress Mexican Society of Neumologia y Cirugia de Torax, Mexico (Sole Presenter)

04/2004 Nuevos Conceptos en el Manejo Antimicrobiano en las Exacerbaciones en la EPOC, LXIII National Congress Mexican Society of Neumologia y Cirugia de Torax, Mexico (Sole Presenter)

03/2004 Short- and Long-term Outcomes--The MOSAIC Study, 11th International Congress on Infectious Diseases, Reassessing AECB Therapy--The Impact of New Clinical Findings, Mexico (Sole Presenter)

*Details: Dr. Anzueto chaired this session, gave the introduction, discussion and closing*

*remarks as well.*

- 03/2004 MOSAIC - A Landmark Trial Worthy of Empiric Consideration in AECC, Optimizing Clinical Outcomes for Today's Respiratory Infections, Singapore (Sole Presenter)
- 11/2003 The Use of Fluoroquinolones in the Management of C.A.P., Puerto Rican Society of Pulmonology Sixth Annual Convention, Puerto Rico (Sole Presenter)
- 11/2003 Que sabemos del SARS?, VII Congreso Internacional de Medicina Intensiva, Peru (Sole Presenter)
- 11/2003 Ventilacion mecanica: Factores asociados a mortalidad, VII Congreso Internacional de Medicina Intensiva, Peru (Sole Presenter)
- 11/2003 Ventilacion mecanica del paciente con SDRA, VII Congreso Internacional de Medicina Intensiva, Peru (Sole Presenter)
- 11/2003 Retos en el diagnostico y manejo de la neumonia asociada al Ventilador, VII Congreso Internacional de Medicina Intensiva, Peru (Sole Presenter)
- 10/2003 The Mosaic Study: A New Landmark in the Therapy of Acute Exacerbations of Chronic Bronchitis, Annual CHEST Conference 2003, Airway Defenses and Infections, Orlando, FL (Co-Presenter)  
*Details: Poster Presentation*
- 10/2003 Hispanic Patients with Chronic Obstructive Pulmonary Disease Have More Problems Receiving Optimal Care Compared to Patients of Other Racial Groups, Annual CHEST Conference 2003, COPD, Orlando, FL (Co-Presenter)  
*Details: Poster Presentation*
- 10/2003 Is Combination Therapy Needed in Hospitalized Patients with Community-Acquired Pneumonia?, Annual Chest Conference 2003, Hosts and Pathogens in Pneumonia, Orlando, FL (Co-Presenter)  
*Details: Poster Presentation*
- 10/2003 Hispanic Patients With Chronic Obstructive Pulmonary Disease Did Not Receive Referral to Smoking Cessation Courses as Commonly as Patients of Other Ethnicities, Annual CHEST Conference 2003, Smoking and Lung Health, Orlando, FL (Co-Presenter)  
*Details: Poster Presentation*
- 10/2003 Issues in the Management of Acute Exacerbations of Chronic Bronchitis, Chest 2003, Airway Disorders, Orlando, FL (Sole Presenter)



- 10/2003 Infectious Disease I, CHEST 2003, Chest Infections, Orlando, FL (Panel)
- 10/2003 Clinical Impact of In Vitro Resistance in Acute Exacerbations of Chronic Bronchitis: Current Concepts, CHEST 2004, Community-Acquired Respiratory Tract Infections: Controversies in Resistance Patterns in Community-Acquired Pneumonia and Acute Exacerbations of Chronic Bronchitis, American College of Chest Physicians, Orlando, FL (Sole Presenter)
- 10/2003 Nonconventional Approaches in the Treatment of ARDs, CHEST 2003, Current Issues in Kinetic Therapy and Prone Positioning, Orlando, FL (Sole Presenter)
- 10/2003 COPD: Exercise, Outcome Predictors, and Treatment, CHEST 2003, COPD: Exercise, Outcome Predictors and Treatment, Orlando, FL (Panel)
- 10/2003 En la Esquina Caliente: Que hay de Nuevo Pulmonar?, CHEST 2003, Orlando, FL (Panel)
- 10/2003 The Impact of Antimicrobial Therapy on Patient Outcomes in AECOPD, CHEST 2003, Managing Patients With Acute Exacerbations of COPD: Considering the Appropriate Patient for Antimicrobial Therapy, Orlando, FL (Sole Presenter)
- 10/2003 Hosts and Pathogens in Pneumonia, CHEST 2003, Orlando, FL (Panel)  
*Details: Moderator*
- 10/2003 The Impact of Antimicrobial Therapy on Patient Outcomes in AECOPD, CHEST Conference 2003, Considering the Appropriate Patient for Antimicrobial Therapy, Orlando, FL (Sole Presenter)
- 10/2003 Maximizing Outcomes in Community-Acquired Pneumonia & Acute Exacerbation of Chronic Bronchitis, National Clinical Symposium, American College of Nurse Practitioners, Cincinnati, OH (Sole Presenter)
- 10/2003 Baixo volume corrente e SDR, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)
- 10/2003 Quando podemos usar ventilacao nao invasiva, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)
- 10/2003 Pneumonia comunitaria grave, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)
- 10/2003 A logica para antibioticoterapia de curto prazo na pneumonia nosocomial, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)

- 10/2003 VNI em pacientes que nao desmamam, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)
- 10/2003 Barotrauma e ventilacao mecanica, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)
- 10/2003 Volumen Corriente y SDRA, X Congreso Colombiano de Neumologia Y Cirugia de Toras, Pre-Congreso de Cuidado Intensivo, Colombia (Sole Presenter)
- 10/2003 Epidemiologia de la ventilacion no invasiva, X Congreso Colombiano de Neumologia Y Cirugia de Torax, Taller de Ventilacion Mecanica no Invasiva, Colombia (Sole Presenter)
- 10/2003 Controversias en el uso de la VMNI, X Congreso Colombiano de Neumologia Y Cirugia de Torax, Taller de Ventilacion Mecanica no Invasiva, Colombia (Sole Presenter)
- 10/2003 Nuevas alternativas en el tratamiento de la Sepsis, X Congreso Colombiano de Neumologia Y Cirugia de Torax, Presidente de Sesion, Magistral 2, Colombia (Sole Presenter)
- 10/2003 Neumonia Adquirida en la Comunidad, X Congreso Colombiano de Neumologia Y Cirugia de Torax, Simposio 1, Colombia (Co-Presenter)
- 10/2003 Controversias en el Manejo de Infecciones Respiratorias. Que es lo que los expertos no dicen, X Congreso Colombiano de Neumologia Y Cirugia de Torax, Simposio interactivo 5, Colombia (Co-Presenter)
- 10/2003 Asamblea Asociacion Colombiana de Neumologia y Cirugia de Torax, X Congreso Colombiano de Neumologia Y Cirugia de Torax, Colombia (Co-Presenter)  
*Details: Pros & Cons session.*
- 10/2003 Disfuncion muscular en el paciente critico, IX Congreso Uruguayo, Uruguay (Sole Presenter)
- 10/2003 Tratamiento de la exacerbacion aguda, IX Congreso Uruguayo, Uruguay (Sole Presenter)
- 10/2003 Enfermedad Pulmonar Obstructiva Cronica, con el tema: Tratamiento de la exacerbacion aguda., IX Congreso Uruguayo, Uruguay (Panel)
- 10/2003 SDRA, Ventilacion mecanica no convencional, IX Congreso Uruguayo, Uruguay (Sole Presenter)

- 09/2003 Management of Acute Exacerbations of Chronic Bronchitis, Grand Rounds, Pulmonary & Critical Care Medicine, Beth Israel Medical Center (Sole Presenter)
- 09/2003 Management of Acute Exacerbations of Chronic Bronchitis, Establishing New Standards in Clinical Trials., Bayer Healthcare, (Sole Presenter)  
*Details: Invited speaker*
- 07/2003 Efficacy of Sequential (IV to PO) Moxifloxacin in the Treatment of Community Acquired Pneumonia, Satellite Symposium at the 4th International Symposium on Antimicrobial Agents and Resistance (ISAAR), Korea, Republic Of (Sole Presenter)
- 07/2003 Antibioticos en la exacerbacion de la EPOC, X Curso International De Avances en Neumologia Y Cuidados Intensivos, Peru (Sole Presenter)
- 07/2003 Son utiles los productos biologicos en sepsis?, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Peru (Sole Presenter)
- 07/2003 Como debemos ventilar hoy a los pacientes con SDRA?, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Peru (Sole Presenter)
- 07/2003 Sarcoidosis, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Peru (Sole Presenter)
- 07/2003 Retos en el manejo de asma, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Peru (Sole Presenter)
- 07/2003 Bronquiectasias, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Curso Infecciones Respiratorias, Peru (Sole Presenter)
- 07/2003 Cuando podemos empezar terapia oral en el paciente hospitalizado con NAC?, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Curso Infecciones Respiratorias, Peru (Sole Presenter)
- 07/2003 Exacerbaciones agudas de EPOC, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Curso Infecciones Respiratorias, Peru (Sole Presenter)
- 07/2003 Prevenccion de las infecciones respiratorias, X Curso International de Avances en Neumologia Y Cuidados Intensivos, Curso Infecciones Respiratorias, Peru (Sole Presenter)
- 06/2003 Relacion entre exacerbaciones, hospitalizaciones y perdida de funcion pulmonar, posible accion de Tiotropio a largo plazo., XXXVI Congreso Nacional SEPAR, Session 54, Spain (Sole Presenter)

- 06/2003 Incidencia, Factores de Riesgo y Desenlace de la Neumonía Asociada a la Ventilación Mecánica, XXXVIII Congreso Nacional de la SEMICYUC, Congreso de la SEMICYUC, Spain (Co-Presenter)
- 06/2003 Utilización de la Ventilación no Invasiva en la Insuficiencia Respiratoria Post-Extubación, XXXVIII Congreso Nacional de la SEMICYUC, Barcelona, Spain (Co-Presenter)
- 06/2003 Incidencia, Factores de Riesgo y Desenlace de la Neumonía Asociada a la Ventilación Mecánica, XXXVII Congreso Nacional de la SEMICYUC, Barcelona, Spain (Co-Presenter)
- 05/2003 Clinical Year in Review 4, American Thoracic Society Conference 2003, D1 Clinical Year in Review 4, Seattle, WA (Panel)
- 05/2003 Nosocomial Pneumonia, American Thoracic Society Conference 2003, C26 Nosocomial Pneumonia, Seattle, WA (Panel)
- 05/2003 Incidence, Risk Factors and Outcome of Ventilator Associated Pneumonia, American Thoracic Society Conference 2003, Nosocomial Pneumonia, Seattle, WA (Co-Presenter)
- 05/2003 Clinical Year in Review 1, American Thoracic Society Conference 2003, A1 Clinical Year in Review 1, Seattle, WA (Panel)
- 05/2003 Is Sputum Color a Good Predictor of Bacterial Infection in Patients with Acute Exacerbation of Chronic Bronchitis?, American Thoracic Society Conference 2003, Acute Exacerbations of Chronic Bronchitis: Novel Concepts in Pathogenesis, Seattle, WA (Co-Presenter)
- 05/2003 Acute Exacerbation of COPD, American Thoracic Society Conference 2003, Thematic Poster Session, Seattle, WA (Panel)
- 05/2003 Clinical Year in Review 2, American Thoracic Society Conference 2003, Year in Review 2, Seattle, WA (Panel)
- 05/2003 Outcomes and Presentation of Extremely Elderly Patients with Community-Acquired Pneumonia (CAP), American Thoracic Society Conference 2003, Epidemiology of Pulmonary Infections, Seattle, WA (Co-Presenter)
- 05/2003 Presentations and Outcomes in Hispanics with Community-Acquired Pneumonia (CAP), American Thoracic Society Conference 2003, B123 Epidemiology of Pulmonary Infections, Seattle, WA (Co-Presenter)

- 05/2003 Clinical Year in Review 3, American Thoracic Society Conference 2003, C1 Clinical Year in Review 3, Seattle, WA (Panel)
- 01/2003 The Spectrum of Severe Pneumonia, 32nd Critical Care Congress, Seventh Critical Care Refresher Course-Day 1, San Antonio, TX (Sole Presenter)
- 01/2003 The Use of Fluoroquinolones in the Management of Nosocomial Pneumonia, 32nd Critical Care Congress, Daybreak Panel Discussion: The Clinical Challenge of Nosocomial Pneumonia: Expanding the Role of Fluoroquinolones, San Antonio, TX (Sole Presenter)
- 11/2002 Abdominal Complications in Lung Transplant Recipients, Annual Chest Conference, Lung Transplant and Immunology, San Diego, CA (Co-Presenter)  
*Details: Poster Presentation*
- 11/2002 Initial Treatment with Inhaled Corticosteroids Reduces the Risk of Hospitalization Compared to Ipratropium Bromide in Patients with Chronic Obstructive Pulmonary Disease, Annual CHEST Conference 2002, COPD, San Diego, CA (Co-Presenter)  
*Details: Poster Presentation*
- 11/2002 Processes of Care and Clinical Outcomes in COPD Patients With Community Acquired Pneumonia, Annual CHEST Conference 2002, COPD, San Diego, CA (Co-Presenter)  
*Details: Poster Presentation*
- 11/2002 Processes of Care in Intensive Care Unit Patients With Community Acquired Pneumonia, Annual CHEST Conference 2002, Critical Care - Outcomes, San Diego, CA (Co-Presenter)  
*Details: Poster Presentation*
- 06/2001 Traqueostomia en el paciente intubado con ventilacion mecanica puede condicionar la evolucion, XXXVI Meeting of the Spanish Critical Care Society (SEMICYUC), Los Palms, Spain (Co-Presenter)  
*Details: Abstract presentation*
- 12/2000 The role of moxifloxacin and other new quinolones and standard treatment for acute exacerbation of chronic bronchitis, Seventh Western Pacific Congress of Chemotherapy and Infectious Diseases, Hong Kong, Japan (Co-Presenter)  
*Details: Abstract presentation*
- 10/2000 Acute exacerbation of chronic bronchitis - the role of moxifloxacin and other new fluoroquinolones, Chest 2000 Annual Meeting, San Francisco, CA (Co-Presenter)  
*Details: Abstract Presentation*

- 09/2000 Gatifloxacin for acute exacerbations of chronic bronchitis: community experience from TeqCES., ICAAC Annual Meeting, Toronto, Canada (Co-Presenter)
- 09/2000 Gatifloxacin for acute exacerbations of chronic bronchitis: Community experience from TeqCES, 40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, Canada (Co-Presenter)  
*Details: Abstract presentation*
- 09/2000 Relationship of underlying bronchitis risk factors to susceptibility of respiratory pathogens in patients with AECB., ICAAC Annual Meeting, Toronto, Canada (Co-Presenter)  
*Details: Abstract presentation*
- 09/2000 Gatifloxeum for Acute Exacerbation of Chronic: Community Experience from TegCES, ICAAC 2000 Annual Meeting, Toronto, Canada (Co-Presenter)  
*Details: Abstract presentation*
- 07/2000 EPOC, XII Curso - Taller Internacional de Rehabilitacion Respiratoria Integral, XII Curso - Taller Internacional de Rehabilitacion Respiratoria Integral, Calzada de Tlalpan, Mexico (Sole Presenter)
- 05/2000 Pronostico de los pacientes BNCO agudizados que reciben ventilacion mecanica en la uci, Spanish Critical Care Society Annual Meeting, Barcelona, Spain (Co-Presenter)  
*Details: Abstract presentation*
- 05/2000 Barotrauma en los pacientes que reciben ventilacion mecanica, Spanish Critical Care Society Annual Meeting, Barcelona, Spain (Co-Presenter)
- 05/2000 El efecto de la edad sobre el pronostico de los pacientes que reciben ventilacion mecanica, Spanish Critical Care Society Annual Meeting 2000, Barcelona, Spain (Co-Presenter)
- 05/2000 SDRA como motivo para iniciar la ventilacion mecanica o desarrollado durante el curso de la misma, Spanish Critical Care Society Meeting 2000, Barcelona, Spain (Co-Presenter)
- 05/2000 Epidemiologia de la ventilacion no invasiva en la uci, Spanish Critical Care Society Annual Meeting 2000, Barcelona, Spain (Co-Presenter)  
*Details: Abstract presentation*
- 11/1998 A proposed pulmonary protocol for patients with Amyotropic Lateral Sclerosis, Ninth International Symposium on ALS/MND (Co-Presenter)  
*Details: Abstract presentation*

- 11/1998 Prevalence of non-invasive ventilation in patients with Amyotrophic Lateral Sclerosis (ALS): A Multicenter Survey., Ninth International Symposium on ALS/MND (Co-Presenter)  
*Details: Abstract presentation*
- 05/1998 Treatment of acute exacerbations of complicated chronic bronchitis - a comparison of ciprofloxacin and clarithromycin, Eighth International Congress on Infectious Diseases, Boston, MA (Co-Presenter)  
*Details: Abstract presentation*
- 04/1998 Morbidity and mortality in status asthmaticus: A 15-year review., ALA/ATS International Conference, Chicago, IL (Co-Presenter)  
*Details: Abstract Presentation*
- 09/1997 Multicenter, placebo-controlled, double-blind study of the nitric oxide synthase inhibitor 546C88 in patients with septic shock: effect on resolution of shock and survival, 10th Annual Congress, European Society of Intensive Care Medicine, Paris, France (Sole Presenter)  
*Details: Abstract presentation*
- 09/1997 International study of the prevalence of mechanical ventilation, 10th Annual Congress, European Society of Intensive Care Medicine, Paris, France (Co-Presenter)  
*Details: Abstract presentation*
- 06/1997 Clinical efficacy of antibiotic therapy in COPD infections, 20th International Congress of Chemotherapy, Sydney, Australia (Sole Presenter)  
*Details: Abstract presentation*
- 04/1997 Septic Shock: A baboon model of multiorgan dysfunction., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)  
*Details: Abstract presentation*
- 01/1997 Antibiotic use in COPD exacerbations, South Texas ACP Associates Program, San Antonio, TX (Co-Presenter)  
*Details: Abstract presentation*
- 01/1997 Efficacy of azithromycin in the treatment of community-acquired pneumonia (CAP) due to Mycoplasma pneumoniae., ICAAC Annual Meeting (Co-Presenter)  
*Details: Abstract presentation*
- 04/1996 Use of metallic (Palmaz(R)) stents in the management of bronchial stenosis after single

lung transplantation., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

04/1996 Mannitol protects rat diaphragm maximum isometric tension against impairment by inspiratory resistive loading., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

04/1996 Human recombinant superoxide dismutase (hrMn-SOD) does not protect rat diaphragm (DPH) from hyperoxia., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

04/1995 Effects of nitric oxide synthetase inhibitor on diaphragm function after inspiratory resistive loading., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

01/1995 Effect of nitric oxide synthetase (NOS) inhibitor in diaphragm function after resistive loading., 1995 Meeting of the Society of Air Force Physicians (Co-Presenter)

*Details: Abstract presentation*

01/1994 Serum itraconazole levels in lung transplant patients receiving concomitant Antacid/H(2)-blocker therapy., 34th ICAAC Annual Meeting, Orlando, FL (Co-Presenter)

*Details: Abstract presentation.*

10/1993 Bilateral cholesterol effusions., 59th Annual International Scientific Assembly of the American College of Chest Physicians, Orlando, FL (Co-Presenter)

*Details: Abstract case report presentation*

04/1993 Effects of resistive breathing in rat diaphragm (DPH) function after normobaric hyperoxia., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

04/1993 Effects of resistive breathing in rat diaphragm (DPH) function after normbaric hyperoxia., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

05/1992 Single lung transplantation (SLT) for end-stage lung disease - San Antonio experience., Annual Meeting of the American Society of Transplant Physicians, Chicago, IL (Co-



Presenter)

*Details: Abstract presentation*

04/1992 Diethylmaleate impairs diaphragmatic function during inspiratory resistive breathing., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

04/1992 Single lung transplantation in patients with systemic disease., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

11/1991 Comparison of functional outcome after single & double lung transplantation for advanced obstructive lung disease (OLD)., 57th Annual Scientific Assembly of the American College of Chest Physicians, San Francisco, CA (Co-Presenter)

*Details: Abstract presentation*

11/1991 Subclavian/pulmonary artery malformation as a rare variety presentation of Klippel-Trenaunay-Weber syndrome., 57th Annual Scientific Assembly of the American College of Chest Physicians, San Francisco, CA (Co-Presenter)

*Details: Abstract presentation*

11/1991 Severe alveolar hemorrhage after lymphography., 57th Annual Scientific Assembly of the American College of Chest Physicians, San Francisco, CA (Co-Presenter)

*Details: Abstract presentation*

04/1991 Rejection in single lung transplant recipients with primary pulmonary hypertension results in severe ventilation/perfusion mismatch., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

04/1991 Effect of Vitamine E deficiency on diaphragmatic function., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

10/1990 Successfully-treated exacerbation of systemic lupus erythematosus (SLE) with pulmonary alveolar hemorrhage (PAH) during pregnancy., 56th Annual Scientific Assembly of the American College of Chest Physicians, Toronto, Ontario, Canada (Co-Presenter)

*Details: Abstract presentation*

04/1990 Effect of glutathione depletion of diaphragm contractility., Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

04/1989 Free radical activation and lipid peroxidation occurring in the rat diaphragm during resistive breathing, Annual Meeting of the Texas Thoracic Society, Austin, TX (Co-Presenter)

*Details: Abstract presentation*

08/1986 Effects of Somen intoxication in nonhuman primates. Comparison of intravenous versus inhalation delivery., Sixth Annual Chemical Defense Bioscience Review, Columbia, MD (Co-Presenter)

*Details: Abstract presentation*

08/1986 Pathophysiology of inhaled Soman in nonhuman primates., Sixth Annual Chemical Defense Bioscience Review, Columbia, MD (Co-Presenter)

*Details: Abstract presentation*

08/1986 A system for generating toxic vapors of organophosphate nerve agents., Sixth Annual Chemical Defense Bioscience Review, Columbia, MD (Co-Presenter)

*Details: Abstract presentation*

06/1986 Ventilatory support of nonhuman primates intoxicated with organophosphorus compounds., Second International Symposium on Protection Against Chemical Warfare Agents, Stockholm, Sweden (Co-Presenter)

*Details: Abstract presentation*

10/1985 Etiology of respiratory failure in organophosphate intoxication., International Symposium on Health and Safety in Agriculture, Saskatoon, Saskatchewan, Canada (Co-Presenter)

*Details: Abstract presentation*

05/1985 Pentobarbital anesthesia in organophosphate intoxication in nonhuman primates., Fifth Annual Chemical Defense Bioscience Review, Columbia, MD (Co-Presenter)

*Details: Abstract presentation*

05/1985 Etiology of respiratory failure in organophosphate intoxication in nonhuman primates., Fifth Annual Chemical Defense Bioscience Review, Columbia, MD (Co-Presenter)

*Details: Abstract presentation*

05/1985 Ventilatory support of organophosphate intoxication in nonhuman primates, Fifth Annual Chemical Defense Bioscience Review, Columbia, MD (Co-Presenter)

*Details: Abstract presentation*

Pneumonia comunitaria grave, X Jornada Sulbrasileira de Terapia Intensiva, Brazil (Sole Presenter)

Que hemos aprendido para el manejo de estos pacientes en los 10 años del ARDS net?,  
Simposio International de Enfermedad Pulmonar Obstructiva Cronica (EPOC) y  
Asistencia Respiratoria Mecanica (ARM), Asistencia Respiratoria Mecanica (ARM),  
Fundacion Favalaro, Buenos Aires, Argentina (Sole Presenter)

## **RESEARCH GRANTS:**

**Project #:**

**Funding Agency:**

**Title:** A 52-Week, Randomized, Double-Blind, Parallel Group Safety Study of Fluticasone Furoate/GW642444 Inhalation Powder Once Daily and Fluticasone Furoate Inhalation Powder Once Daily) from June 2009 to September 2009 (HZA106837)

**Status:**

**Period:** 06/2009 - 09/2009

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:** Industry-Lilly Pharmaceuticals

**Title:** Efficacy and Safety of Drotrecogin Alfa (Activated) in Adult Patients with Septic Shock Protocol F1K-MC-EVDP

**Status:**

**Period:** 06/2006 - 09/2011

**Role:** Consultant

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:** Boehringer Ingelheim Pharmaceutical

**Title:** A randomized, double-blind, placebo-controlled, parallel group trial assessing the proportion of patients experiencing an exacerbation and proportion of patients hospitalized for an exacerbation over 6 months during the treatment with Tiotropium 18 mcg c

**Status:** Complete

**Period:** 01/2002 - 03/2002

**Role:** Principal Investigator

**% Effort:**

**Total Costs:** \$97,000.00

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Analysis of Factors Associated to Mortality of Reintubated Patients Within 48 Hours After Scheduled Extubation: Observational, Prospective, Multicenter Study

**Status:** Complete

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Efficacy of Macrolide Immunomodulation in Severe Sepsis

**Status:** Active

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Evaluation of the Safety and Efficacy of Corticosteroids in Patients with an Acute Exacerbation of Chronic Obstructive Pulmonary Disease (AECOPD) Receiving Ventilatory Support (Invasive and Non-Invasive). A Prospective, International, Randomized Double-

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A Retrospective, Observational Study To measure Severity And Resource Utilization In Two San Antonio Hospitals Intensive Care Units During an H1H1 Epidemic

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A Randomized, Placebo Controlled Trial of the Effectiveness of Statins for Preventing Mortality following ICU Admission for Influenza Complications

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A randomized, active-controlled, double-blind, double-dummy, parallel group design, multi-center trial to compare the efficacy and safety of 2.5 ug and 5 ug Tiotropium Inhalation Solution delivered by the Respimat Inhaler with Tiotropium inhalation capsu

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Smoking-Induced Cardiovascular and Lung Disease, Cardiovascular Disease in COPDGENE Study

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A Phase 3, Multi-Center, Randomized, Placebo-Controlled, Double-Blind, Three-Arm Study to Evaluate the Safety and Efficacy of Tifacogin (Recombinant Tissue Factor Pathway Inhibitor) Administration in Subjects with Severe Community-Acquired Pneumonia (TFP

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A Randomized, Double-Blind, Placebo-Controlled Phase-2B Study To Assess the Safety and Efficacy Effects of ART-123 on Subjects With Sepsis and Disseminated Intravascular Coagulation

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Assessment of Innate Immunity of Bronchial Epithelial Cells in COPD Patients

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Bronchitis and Emphysema Advice and Training to Reduce Hospitalization (BREATH) (CSP # 560)

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Mycoplasma pneumoniae Infection in Patients with Chronic Lung Disease

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Process of Care in the Intensive Care Unit

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** An International, Observational Study to Evaluate Current Management of Hospitalized patients with Community-Acquired Pneumonia (International CAP Study)

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Impact of Multi-drug Resistant Pathogens and Guideline Concordant Therapy in Patients with HAP/HCAP/VAP

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** Improving the Practice of Nutrition Therapy in the Critically Ill: An International Quality Improvement Project

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A Pilot Study of Safety and Tolerability of Single Dose Inhaled Tacrolimus in Healthy Subjects

**Status:**

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:**

**Title:** A retrospective, observational study to measure severity and resource Utilization in two San Antonio hospitals Intensive Care Units during an H1N1 epidemic

**Status:** Pending

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** Newly approved

**Project #:**

**Funding Agency:**

**Title:** Randomized, Placebo Controlled Trial of the Effectiveness of Statins for Preventing Mortality following ICU Admission for Influenza Complications (STIP: Statin Trial for

Influenza Patients)

**Status:** Pending

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** CTSA Grant / \$100,000

*Federal*

**Project #:**

**Funding Agency:**

**Title:** The MENDS II Study: Maximizing the Efficacy of sedation and reducing neurological dysfunction and mortality in septic patients with acute respiratory failure.

**Status:** Complete

**Period:** 07/2012 - 06/2017

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** This multicenter, randomized, controlled trial will be evaluating the efficacy and safety of sedation as well as reducing neurological dysfunction and mortality in septic patients with acute respiratory failure.

**Project #:** 5R01NR010828

**Funding Agency:** National Institutes of Nursing Research

**Title:** Impact of Statins and ACE Inhibitors on Outcomes for Pneumonia and Sepsis

**Status:** Complete

**Period:** 10/2007 - 06/2011

**Role:** Co-Investigator

**% Effort:** 10

**Total Costs:** \$788,979.00

**Grant Detail:** Determine the association between the outpatient use of medications of interest and clinical outcomes, including 30-day mortality, length of stay (LOS), and rates of mechanical ventilation for patients hospitalized with sepsis and CAP. 2) Determine the association between the inpatient continuation of medications of interest properties and clinical outcomes for patients hospitalized with CAP and sepsis. 3) To examine the impact of medication dosage of the most commonly used ACE inhibitor and statin upon 30-day mortality for patients hospitalized with CAP and sepsis.

**Project #:** 1U01HL089897

**Funding Agency:** NIH

**Title:** Genetic Epidemiology of Chronic Obstructive Pulmonary Disease

**Status:** Active

**Period:** 09/2007 - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$450,000.00

**Grant Detail:** Genetic Epidemiology of Chronic Obstructive Pulmonary Disease. The original local grant was approximately \$1.2 million.



Renewal - 7/1/2017-7/31/2018

**Project #:** 990-5012-416A

**Funding Agency:** NIH

**Title:** Economic Analysis of the Pulmonary Artery Catheter (EA-PAC)

**Status:** Active

**Period:** 02/2001 - 07/2006

**Role:** Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:** 990-5012-416B

**Funding Agency:** NIH

**Title:** Prospective baseline and outcome data on screened, but not enrolled FACTT ARDSNet 05 patients

**Status:** Complete

**Period:** 02/2001 - 10/2005

**Role:** Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:** National Institute of Health, Heart Lung and Blood Institute

**Title:** Clinical Centers for the Clinical Network for the Treatment of the Adult Respiratory Distress Syndrome (ARDS)

**Status:** Active

**Period:** 10/2000 - 09/2006

**Role:** Principal Investigator

**% Effort:**

**Total Costs:** \$219,161.00

**Grant Detail:**

**Project #:** 990-5012-416

**Funding Agency:** NIH

**Title:** Prospective, Randomized, Multicenter Trial of Pulmonary Artery Catheter (PAC) vs. Central Venous Catheter (CVC) for Management of Acute Lung Injury (ALI) and Acute Respiratory Distress Syndrome (ARDS), and Prospective, Randomized, Multicenter Trial of Fl

**Status:** Complete

**Period:** 10/2000 - 07/2006

**Role:** Principal Investigator

**% Effort:**

**Total Costs:** \$326,667.00

**Grant Detail:** This study was a contract to participate in a multi-center randomized controlled trial to assess the safety and efficacy of PAC vs. CVC management in reducing mortality and morbidity in patients with ALI and ARDS. The study also assessed the safety and efficacy of "fluid conservative" vs. "fluid liberal" management strategies in reducing

mortality and morbidity in patients with ALI and ARDS.

**Project #:**

**Funding Agency:** National Institutes of Health

**Title:** Prospective, Randomized, Multicenter Trial of Pulmonary Artery Catheter (PAC) vs. Central Venous Catheter (CVC) for Management of Acute Lung Injury (ALI) and Fluid Conservative vs. Fluid Liberal Management

**Status:** Complete

**Period:** 10/2000 - 10/2005

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$443,767.00

**Grant Detail:** This study was a contract to participate in a multi-center randomized controlled trial to assess the safety and efficacy of PAC vs. CVC management in reducing mortality and morbidity in patients with ALI and ARDS. The study also assessed the safety and efficacy of "fluid conservative" vs. "fluid liberal" management strategies in reducing mortality and morbidity in patients with ALI and ARDS.

*Private*

**Project #:** HZC113782

**Funding Agency:** GlaxoSmithKline

**Title:** A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or at risk for cardiovascular d

**Status:** Complete

**Period:** 06/2012 - 09/2015

**Role:** Co-Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:** SDI-PMX-NA001

**Funding Agency:** Spectral Diagnostic Inc

**Title:** EUPHRATES TRIAL Evaluating the Use of Polymyxin B Hemoperfusion in a Randomized Controlled Trial of Adults Treated for Endotoxemia and Septic Shock

**Status:** Complete

**Period:** 06/2012 - 09/2015

**Role:** Co-Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** The EUPHRATES TRIAL is a multicenter, randomized, controlled trial evaluating the use of polymyxin B hemoperfusion in adults treated for endotoxemia and septic shock.

**Project #:**

**Funding Agency:**

**Title:** Long Term Oxygen Treatment Trial (LOTT) in COPD

**Status:**

**Period:** 05/2012 - 06/2017

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:**

**Funding Agency:** Pfizer/NCGS Laboratories

**Title:** Linezolid In The Treatment of Subjects With Nosocomial Pneumonia Proven To Be Due To methicillin-Resistant Staphylococcus aureus

**Status:**

**Period:** 04/2009 - 01/2010

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$30,000.00

**Grant Detail:**

**Project #:** 123355

**Funding Agency:** GLAXO SMITH KLINE

**Title:** A MULTICENTRE 3 YEAR LONGITUDINAL PROSPECTIVE STUDY TO IDENTIFY NOVEL ENDPOINTS AND COMPARE THESE WITH FORCED EXPIRATORY VOLUME IN 1 SECOND (FEV1) FOR THEIR ABILITY TO MEASURE AND PREDICT COPD SEVERITY AND ITS PROGRESSION OVER TIME

**Status:** Active

**Period:** 08/2006 - 08/2009

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** 10K per subject enrolled. Original CSA was for \$500,000

**Project #:**

**Funding Agency:** Pfizer Pharmaceuticals

**Title:** Distribution of PCV 13 Serotypes Streptococcus Pneumonia in Adults 50 Years of Age and Older Presenting to Selected US Hospitals with Radiologically

**Status:**

**Period:** 06/2006 - 09/2011

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

**Project #:** 20090167

**Funding Agency:** Pharmaceutical

**Title:** Pivotal Trial of Calfactant Therapy for Direct Acute Respiratory Distress Syndrome & Direct Acute Lung Injury in Adults and Children (Protocol AR06)

**Status:**

**Period:** 06/2006 - 09/2010

**Role:** Co-Investigator **% Effort:**  
**Total Costs:** \$80,000.00  
**Grant Detail:** Pharmaceutical: Contract \$500,000

**Project #:**

**Funding Agency:** Boehringer Ingelheim Pharmaceutical

**Title:** A Comparison of Ipratropium Bromide/Salbutamol Delivered by the Respimat Inhaler to Ipratropium Bromide Respimat, Combivent Inhalation Aerosol and Placebo of Each Formulation in a 12 week, Double-blind, Safety and Efficacy Study in Adults with Chronic Obs

**Status:** Complete

**Period:** 08/2002 - 03/2004

**Role:** Principal Investigator **% Effort:**

**Total Costs:** \$60,000.00

**Grant Detail:**

**Project #:**

**Funding Agency:** GlaxoSmithKline

**Title:** Multicenter, randomized, double-blind, parallel group, placebo controlled study to investigate long-term effects of salmeterol/flutcasone propionate (Seretide(TM)/Viani(TM)/Advair(TM) 50 500mg bd, salmeterol 50mg bd and flutcasone survival of subjects wi

**Status:**

**Period:** 11/2001 - 12/2002

**Role:** Principal Investigator **% Effort:**

**Total Costs:** \$75,000.00

**Grant Detail:**

**Project #:**

**Funding Agency:** IntraBiotics Pharmaceuticals, Inc.

**Title:** Phase I Safety, Tolerability, Acceptability, and Microbial Kinetic Study of Topical IB-367 Gel and Rinse in Orally Intubated Patients Receiving Mechanical Ventilation.

**Status:**

**Period:** 03/2000 - 11/2000

**Role:** Principal Investigator **% Effort:**

**Total Costs:** \$149,000.00

**Grant Detail:**

**Project #:**

**Funding Agency:** Smith Kline Beachman Pharmaceuticals

**Title:** A 12-week, Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Anti-inflammatory Activity of Airflow 15 mg Twice Daily in Patients with COPD.

**Status:** Complete

**Period:** 01/2000 - 02/2000

**Role:** Principal Investigator **% Effort:**  
**Total Costs:** \$35,000.00  
**Grant Detail:**

**Project #:**  
**Funding Agency:** Genentec Pharmaceutical  
**Title:** Serum ferritin as a predictor of acute respiratory distress syndrome (ARDS) in at-risk subjects: a multicenter, prospective observational study.  
**Status:**  
**Period:** 03/1999 - 05/1999  
**Role:** Principal Investigator **% Effort:**  
**Total Costs:** \$9,000.00  
**Grant Detail:**

**Project #:**  
**Funding Agency:** Glaxo Wellcome Pharmaceutical  
**Title:** A randomized, double-blind, multicenter comparison of the efficacy and safety of gepafloxacin 400 mg or 600 mg once daily and clarithromycin 500 mg twice daily in the treatment of patients with acute bacterial exacerbation of chronic bronchitis.  
**Status:**  
**Period:** 12/1998 - 03/1999  
**Role:** Principal Investigator **% Effort:**  
**Total Costs:** \$37,000.00  
**Grant Detail:**

**Project #:**  
**Funding Agency:** Eli Lilly Pharmaceutical  
**Title:** A phase II study to determine the efficacy and safety of LY315920 in patients with severe sepsis.  
**Status:** Complete  
**Period:** 11/1998 - 06/1999  
**Role:** Principal Investigator **% Effort:**  
**Total Costs:** \$117,194.00  
**Grant Detail:**

**Project #:**  
**Funding Agency:** Glaxo Wellcome Pharmaceutical  
**Title:** A randomized, double-blind, placebo-controlled, parallel group, trial evaluating the safety and efficacy of the diskus(R) formulations of salmeterol 50 mcg BID and fluticasone propionate 250 mcg BID individually and in combination as compared to placebo  
**Status:**  
**Period:** 11/1998 - 03/1999  
**Role:** Principal Investigator **% Effort:**  
**Total Costs:** \$65,000.00

**Grant Detail:**

**Project #:** 20080332

**Funding Agency:** Pharmaceutical - Eli Lilly

**Title:** Safety and Efficacy of Drotecogin Alpha (activated) in septic shock

**Status:** Active

**Period:** / - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:**

*State*

**Project #:**

**Funding Agency:** University of Texas Health Science Center

**Title:** Optimization of Lung Mechanics and Oxygenation in Patients with Acute Lung Injury using Dynamic Pressure/Volume Curves and Lung Opening Procedure

**Status:** Complete

**Period:** 01/2001 - 12/2003

**Role:** Co-Principal Investigator

**% Effort:**

**Total Costs:** \$12,600.00

**Grant Detail:** Provided funding needed to buy research equipment and supplies

SERVICE

**SERVICE TO THE INSTITUTION:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
01/1991-08/1992	Hospital	Ward Attending	Attending Physician
<i>Ward Attending for General Medicine</i>			
01/1991-Present	Hospital	MICU Attending	Attending Physician
<i>Medical Intensive Care Units</i>			
01/1991-Present	Hospital	Pulmonary Rounds	Consultant
<i>Pulmonary Consultant Rounds</i>			
01/1991-Present	School	Lung Transplant Clinic	Attending Physician
<i>Lung Transplantation Clinic</i>			

**SERVICE TO THE PUBLIC:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
01/1993-01/2003	Community	Education Drug Abuse Prevention	Teacher
<i>Task Force, Education Drug Abuse Prevention</i>			
01/1993-01/2003	Community	BASIC LIFE SUPPORT	Teacher
<i>Instructor for basic life support at St. Mathews Catholic School</i>			
01/1991-Present	Patient Care Community	UPG Clinician	Attending Physician
<i>Physician at University Physician's Group, 20 hours per month.</i>			
01/1991-Present	Patient Care Community	Medicine Chest Clinic	Attending Physician
<i>Attending physician 5 months per year, 4 hours a week.</i>			
01/1991-Present	Patient Care Community	Medicine Thoracic Clinic	Attending Physician
<i>Medicine Thoracic Clinic, University Health System Downtown</i>			
01/1991-Present	Patient Care Community	University Physicians Group	Consultant
<i>Medicine Chest/Pulmonary Clinic</i>			

**PROFESSIONAL AFFILIATIONS:**

<b><u>Dates</u></b>	<b><u>Organization</u></b>
09/2006-Present	SOCIEDAD ESPANOLA DE NEUMOLOGIA Y CIRUGIA TORACICA (SEPAR)
<i>Additional Details: International Committee Member</i>	
02/2006-Present	National Institute of Health, Heart, Lung and Blood Division
<i>Additional Details: Clinical Trials Study Section</i>	
01/2003-Present	American Thoracic Society/Infectious Disease Society of America
<i>Additional Details: Member, Guidelines Committee for Diagnosis and Treatment of Community Acquired Pneumonia</i>	
01/2003-Present	Texas Thoracic Society
<i>Additional Details: President</i>	
01/2002-01/2003	National Institute of Health, Heart, Lung and Blood Division
<i>Additional Details: Member, Study Section Acute Lung Injury</i>	

- 01/2002-01/2003 National Institutes of Health, Heart, Lung and Blood Division  
*Additional Details: Member, Study Society, SCOR Lung Injury*
- 01/2002-Present American Thoracic Society/European Respiratory Society  
*Additional Details: Member, Consensus International Guidelines Committee for COPD*
- 01/2002-Present American Thoracic Society  
*Additional Details: Member, Industry Relations Committee*
- 01/2002-Present American Thoracic Society  
*Additional Details: Texas Representative, Council of Chapter Representatives*
- 01/2002-Present COPD Journal  
*Additional Details: Editorial Board*
- 01/2001-02/2004 American Thoracic Society  
*Additional Details: Chair, Program Committee, Clinical Year in Review*
- 01/2001-01/2003 American Thoracic Society  
*Additional Details: Chair, Program Committee, Critical Care Section*
- 01/2001-Present American Thoracic Society  
*Additional Details: Member, Critical Care Steering Committee*
- 01/2001-Present American College of Chest Physicians  
*Additional Details: Member, Chest Infections Network Steering Committee*
- 01/2001-Present Respiratory Research Journal  
*Additional Details: Editorial Board*
- 01/2001-Present American College of CHEST Physicians Journal  
*Additional Details: Member, Editorial Board, Pulmonary Perspectives*
- 01/2000-Present American Thoracic Society  
*Additional Details: Member, Critical Care Program Committee*
- 01/2000-Present American Thoracic Society/European Critical Care Society  
*Additional Details: Member, Consensus International Conference in ARDS*
- 01/2000-Present Canadian Lung Association  
*Additional Details: Member, Canadian Steering Committee on Chronic Bronchitis*
- 01/2000-Present American Thoracic Society  
*Additional Details: Member, Task Force on Guidelines of Lower Respiratory Infections*



- 01/1999-01/2003 American Thoracic Society  
*Additional Details: Member, Planning Committee*
- 01/1999-01/2003 American Thoracic Society  
*Additional Details: Member, Membership Committee*
- 01/1998-01/2000 Texas Thoracic Society  
*Additional Details: Program Coordinator, Annual Meeting*
- 01/1998-01/2000 American Thoracic Society  
*Additional Details: Member, Task Force on Education, Critical Care Assembly*
- 01/1998-Present Latin American Lung Association  
*Additional Details: Member, Task Force on Guidelines for Diagnoses and Treatment of Community Acquired Pneumonia*
- 01/1998-Present Latin American Lung Association  
*Additional Details: Member, Task Force on Guidelines for Diagnoses and Treatment of Acute Exacerbations of Chronic Bronchitis*
- 01/1998-Present New England Journal of Medicine  
*Additional Details: Reviewer*
- 01/1997-01/2001 Texas Medical Association  
*Additional Details: Program Coordinator, Section on Diseases of the Chest*
- 01/1997-01/2001 American Thoracic Society  
*Additional Details: Chairman, Task Force on Minorities*
- 01/1997-Present Thorax Journal  
*Additional Details: Reviewer*
- 01/1997-Present Clinical Infectious Diseases Journal  
*Additional Details: Reviewer*
- 01/1996-01/1997 American Thoracic Society  
*Additional Details: Member, Task Force on Minorities*
- 01/1996-Present Internet Journal of Emergency and Intensive Care Medicine  
*Additional Details: Reviewer*
- 01/1996-Present Antimicrobial and Chemotherapy Journal  
*Additional Details: Reviewer*
- 01/1996-Present Clinical Therapeutics Journal  
*Additional Details: Reviewer*

- 01/1996-Present      New England Journal of Medicine  
*Additional Details: Reviewer*
- 01/1995-Present      American Thoracic Society  
*Additional Details: Member, Critical Care Assembly*
- 01/1995-Present      American Thoracic Society  
*Additional Details: Member, Respiratory Structure and Function Assembly*
- 01/1995-Present      British Medical Journal  
*Additional Details: Reviewer*
- 01/1995-Present      European Respiratory Society  
*Additional Details: Reviewer*
- 01/1994-Present      American Association of Respiratory Therapy  
*Additional Details: On site Evaluator, Joint Review Committee for Respiratory Therapy Education*
- 01/1994-Present      American College of Chest Physicians  
*Additional Details: Original Investigations Committee*
- 01/1994-Present      Intensive Care Medicine  
*Additional Details: Reviewer*
- 01/1992-Present      Critical Care Medicine Journal  
*Additional Details: Reviewer*
- 01/1991-Present      CHEST Journal  
*Additional Details: Reviewer*
- 01/1991-Present      Southern Medical Journal  
*Additional Details: Reviewer*
- 01/1991-Present      Comparative Biochemistry and Physiology  
*Additional Details: Reviewer*
- 01/1991-Present      Journal of Applied Physiology  
*Additional Details: Reviewer*
- 01/1990-Present      American Journal of Respiratory and Critical Care Medicine  
*Additional Details: Reviewer*

**COMMITTEES (UTHSCSA Standing Committees):**

**SCHOOL**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
10/2007-10/2008	Clinical Promotions Committee	Member
09/2003-08/2004	Academic Partnership Council for the S. Texas Veterans Health Care System <i>Alternate Member, IRB #3</i>	Alternate
09/2003-08/2004	Academic Partnership Council for the S. Texas Veterans Health Care System <i>IRB #2</i>	Chair
09/2003-Present	Admissions Committee	Member

**UNIVERSITY**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
09/2003-09/2005	Faculty Promotions, Tenure, and Appointments Committee	Member
09/1996-08/2003	Institutional Review Board <i>Member/Chair</i>	Chair

**COMMITTEES (OTHER):**

**DEPARTMENT**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2004-Present	Texas Thoracic Society, American Lung Association of Texas <i>President of the Texas Thoracic Society Annual Meeting</i>	Officer
01/1997-Present	Housestaff Selection Committee, University of Texas Health Science Center San Antonio, Medicine	Member
09/1996-Present	Pulmonary Function Laboratory, University Hospital <i>Medical Director for Pulmonary Function Lab.</i>	Director
01/1995-Present	Home Oxygen Program Committee, South Texas Veterans Health Care System	Chair
01/1995-Present	Respiratory Therapy Department for South Texas VA Hospital, South Texas Veterans Administrative Hospital	Director
01/1995-Present	Pulmonary Function Laboratory, South Texas Veterans Administrative Hospital	Director

07/1992-Present	Pulmonary Service Spinal Cord Unit, South Texas Veterans Administrative Hospital	Director
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***HOSPITAL***

<u><b>Dates</b></u>	<u><b>Committee</b></u>	<u><b>Role</b></u>
01/2000-Present	Diagnostic Serv. Advisory Committee, University Hospital	Member
01/2000-Present	Pharmacy and Therapeutic, University Hospital	Member
01/2000-Present	Pulmonary Disease Section for South Texas VA Hospital, South TX Veterans Health Care System <i>Section Chief for Pulmonary Disease</i>	Director
01/1996-Present	Pharmacy and Therapeutic, So. TX VA HealthCare Syst.	Member

***OTHER***

<u><b>Dates</b></u>	<u><b>Committee</b></u>	<u><b>Role</b></u>
01/2010-Present	Member of the ATS/ERS COPD Exacerbations Clinical Guidelines Committee	Member
01/2008-Present	ATS Financial Committee	Member
01/2007-01/2009	Chair of the Critical Care Assembly Program Committee for ATS International Conference	Member
05/2005-05/2008	Clinical Trials Review Committee, U. S. Department of Health and Human Services <i>Public Health Service, National Institutes of Health</i>	Member
01/2005-Present	GOLD COPD Coalition	Member
05/2004-Present	Corporate Relations Committee, American Thoracic Society	Member
01/2004-01/2009	NIH-NHLBI-Member of the Study Section in Clinical Trial	Member
01/2004-Present	Member of ATS/Infectious Disease Society of America (IDSA) Community Acquired Pneumonia Steering Committee	Member
01/2004-Present	Member of the ATS/ERS Chronic Obstructive Pulmonary Disease (COPD) Clinical Guidelines Committee	Member
01/2002-01/2003	National Institutes of Health (NIH)-National Heart Lung and Blood Institutes(NHLBI)-Member of the Study Section in Acute Lung Injury	Member

01/2002-Present	Texas Thoracic Society <i>Vice-President of The Texas Thoracic Society Annual Meeting</i>	Vice-Chair
01/2002-Present	Pulmonary Global Strategy for the Diagnosis, Management and Prevention of Chronic Obstructive Pulmonary Disease (GOLD) member of the Executive and Scientific committee	Member
No Date Entered-Present	Moderator and/or chairing sessions at the international meetings of the American College of Chest Physicians (ACCP), European Respiratory Society (ERS), Asian Pacific Respiratory Society (APSR) and the American Thoracic Society (ATS); primary internatio	Member
No Date Entered-Present	Co-Chair of the Clinical Care Assembly Program Committee for ATS International Conference	Member

### ***SCHOOL***

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
01/2002-09/2005	Tenure and Promotion Committee, University of Texas Health Science Center at San Antonio	Member
01/2002-01/2004	Institutional Review Board	Chair
01/2001-Present	Institutional Review Board	Member
01/1999-01/2000	Institutional Review Board	Chair
01/1994-01/2003	Institutional Safety Committee, Subcommittee for Biohazard Safety	Member

### ***UNIVERSITY***

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
01/2010-01/2013	Department of Medicine	Representative
01/2010-Present	Green Initiatives Committee	Member
07/2008-06/2009	Institutional Review Board - 1, University of Texas Health Science Center at San Antonio	Member
07/2008-06/2009	Institutional Review Board - 2, University of Texas Health Science Center at San Antonio	Member
07/2008-06/2009	Institutional Review Board - 3	Member
01/2004-Present	Internal Medicine intern selection committee as an interviewer <i>Internal Medicine intern selection committee as an interviewer</i>	Other
01/2002-Present	Institutional Review Board, University of Texas	Alternate

	Health Science Center at San Antonio	
01/2002-Present	Pulmonary/Critical Care fellowship selection committee	Member
01/2001-Present	Medical Students selection committee as an interviewer	Other
	<i>UTHSC Medical Students selection committee as an interviewer</i>	
01/1996-01/2000	Institutional Research Grant Committee	Member
01/1993-01/2000	Institutional Review Board	Member