

Curriculum Vitae

Amado X. Freire, M.D., M.P.H.

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C Vitae: Amado Freire, M.D., M.P.H.

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 Board Member (Ad Hoc/Last accessed March, 2018): 8

 Scientific Reviewer (Ad Hoc/First & Last Manuscript Reviewed/*, current): 9

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CURRICULUM VITAE

Amado Xavier **FREIRE**, MD, MPH, D-ABSM, D-NCC, FACP, FCCP, FCCM, FAASM, ATS-F.

PERSONAL INFORMATION:

Work Address: Division of Pulmonary, Critical Care, and Sleep Medicine
University of Tennessee Health Science Center, COM at Memphis
956 Court Ave. Room G-218 B; Memphis, TN 38163
Office Phone: (901) 448-5757; FAX: (901) 448-7726
VA Pager: (901) 577-7288 x2138; Mobile: (901) 628-5680

E-mail: afreire@uthsc.edu www.uthsc.edu/pulmonary

Date of Birth: February 1, 1954 **Place of Birth:** Guayaquil, Ecuador
Citizenship: USA **Passport** 52657XXXX
SSN No. XXX-XX-XXXX & **DEA** **-***4287 **NPI No.** 144-72-1740-1 & **UPIN** ****92

Languages: Fluent in English and Spanish
Married with: Nancy E. Freire (Villamar), M.D. (Pediatrics)
Father of: Michelle (1982, D.D.S.), Pamela (1985, M.D.- Peds Hem-Onc) & Xavier (1994 B. A.)

PRESENT ACADEMIC RANK AND POSITION:

07/2008 – * Professor of Medicine, Department of Medicine, UTHSC COM at Memphis
Division of Pulmonary, Critical Care, and Sleep Medicine
07/2005 – * Tenured, University of Tennessee Health Science Center COM at Memphis

HIGHER EDUCATION:

02/1979 **Doctor in Medicine and Surgery:** University of Guayaquil, School of Medicine.
Guayaquil, Ecuador
05/1986 **Master of Public Health:** The Johns Hopkins University School of Hygiene and Public Health.
Baltimore, Maryland

Graduate Training (Residency & Fellowship):

07/1985 – 06/1988 Resident in Preventive Medicine, The Johns Hopkins University
School of Hygiene and Public Health. Baltimore, Maryland
07/1983 – 06/1985 Fellow in Pulmonary Diseases, Mount Sinai Services
City Hospital Center at Elmhurst. New York City, New York
07/1980 – 06/1983 Resident in Internal Medicine, Mountainside Hospital
Montclair, New Jersey (Afl: The UMDNJ at Newark)

BOARD CERTIFICATIONS:

09/1983 Diplomate, American Board of Internal Medicine (ABIM # 089997) - Life
10/2001 Re-Certified of Internal Medicine (until 2011)
11/1986 Subspecialty of Pulmonary Diseases (ABIM # 089997) - Life
05/2000 Re-Certified Pulmonary Diseases (until 2010)
11/2007 Subspecialty of Sleep Medicine (ABIM # 089997) / (until 2017)
03/2005 Diplomate, American Board of Sleep Medicine (ABSM) - Life
12/2013 Diplomate, Neuro Critical Care United Council Neurologic Subspc (NCC 00874-13) / (until 2023)

MEDICAL LICENSES:

USA: Tennessee (07/1999, No. 31816/Active); New York (07/1983, No. 155197-1/Inactive) New Jersey
(09/1982, No. 41265/Inactive) & ECUADOR (02/1980, No. 2203-CMG/Active)

Updated: August 28, 2019

INVENTIONS:

1. Memphis Sleepiness Score: Presented at ASSM Meeting 2015 06/2015
A composite tool using four parameters (software Visual Basic.exe program) that integrates both questionnaires and 2 test of vigilance (PVT, Driving) available to anybody/anywhere with internet access.
2. Memphis Score (ICU Pain Estimator). Presented at Chest 2001; 120(4): 255s.
Means of Evaluating & Monitoring Pain in a Hospital ICU Setting. A Tool to Quantify "Background Pain Load" in Non-Communicative Intensive Care Unit Patients.

SPECIAL HONORS:

- 03/2016 "Medical Service Honor" National Hispanic Medical Association (NHMA)
03/2015 "Medical Service Honor" National Hispanic Medical Association (NHMA)
07/2013 "America's Top Doctors" (Pulmonary & Sleep Medicine, CRC)
02/2012 "Presidential Citation" Society of Critical Care Medicine, Houston – Texas (4th)
01/2011 "Presidential Citation" Society of Critical Care Medicine, San Diego – California (3rd)
03/2010 "Medical Service Honor" National Hispanic Medical Association (NHMA)
01/2010 "Presidential Citation" Society of Critical Care Medicine, Miami – FL (2nd)
12/2009 "Top 20 Teachers, Department of Medicine" UTHSC COM at Memphis
06/2009 "Teacher of the Year" PCCM Fellowship UTHSC COM at Memphis
02/2009 "Presidential Citation" Society of Critical Care Medicine, Nashville – TN (1st)
07/2007 "Honorary Guest" Guayaquil, Ecuador Mayor: Abg. Jaime Nebot-Saadi
03/2007 "Board of Directors—Member", United Way of the Midsouth (Term — 2013)
2004 "Leadership Development" National Hispanic Medical Association (NHMA) Class of 2003-04
2003 "Special Award" Radio Ambiente WGSF 1030 AM Program "De Mujer a Mujer"
2003 "Master Clinician" University of Tennessee Health Science Center COM at Memphis
09/2003 "Alma Latina Award" Latino Memphis, September 25, 2003
09/2003 "Honorary Councilman" Mayor William Herrenton City of Memphis, TN, September 25, 2003
2002 Listed America's Registry of Outstanding Professionals # 49792, since 2002 – 2003 cycle
10/2002 "Most Improvement—Award" (Medical ICU), The Regional Medical Center "The MED"
10/2001 "Governors Community Service Award" 2001 – given by the "Chest Foundation"
Philanthropic arm of the American College of Chest Physicians (ACCP)
05/1999 "Honorary Member" Peruvian Society of Pulmonary Diseases
05/1986 "Honorary Citizenship" Baltimore, Maryland Mayor: William Donald Shafer

University Awards (Medical School):

- 1978 "Accesit al Contenta" Medical School, University of Guayaquil, Ecuador
(For: **Academic Achievement** during the entire medical school years)
1975 – 1978 "Mención de Honor" Medical School years 3rd to 6th
1973 – 1974 "Primer Premio" Medical School years 1st and 2nd
(For: **Academic Achievement** during individual years of medical school)

PREVIOUS ACADEMIC POSITIONS:

- 04/2004 – 07/2018 Chief, Pulmonary, Critical Care, and Sleep Medicine, UTHSC COM - Memphis
07/2015 – 02/2018 Associate Chairman (Education-Student Programs), UTHSC Dept. of Medicine
02/2012 – 04/2017 Director, Wesley Sleep Disorders Center, Cordova, TN
02/2000 – 10/2013 Director, Medical Intensive Care Unit, PCU, RT, & Pulmonary Service
The Regional Medical Center (The Med), Memphis TN
01/2009 – 07/2013 Director, Memphis Sleep Diagnostics, Sleep Disorders Center
07/2002 – 09/2008 Associate Professor of Preventive Medicine
UT Health Science Center, College of Medicine at Memphis
07/2002 – 06/2008 Associate Professor of Medicine, Department of Medicine UTHSC COM
Division of Pulmonary, Critical Care, and Sleep Medicine
08/2004 – 04/2007 Fellowship Program Director, Pulmonary and Critical Care Medicine, UTHSC
08/1999 – 06/2002 Assistant Professor of Medicine, Department of Medicine UTHSC COM
Division of Pulmonary and Critical Care Medicine
02/2000 – 06/2002 Assistant Professor of Preventive Medicine

09/1996 – 07/1999 UT Memphis Health Science Center, College of Medicine at Memphis
 Director, Pulmonary and Critical Care Medicine Training Program
 School of Graduate Medicine: University of Guayaquil, Ecuador

05/1993 – 08/1996 Aux. Professor of Medicine, Pulmonary Diseases
 School of Medicine: University of Guayaquil, Ecuador

05/1992 – 04/1993 Aux. Professor of Medicine, Internal Medicine
 School of Medicine: University of Guayaquil, Ecuador

09/1983 – 04/1985 Instructor (Pulmonary Diseases), Department of Medicine
 Mount Sinai School of Medicine, CUNY. New York

Part time (&/or Volunteer):

09/2013 – * Medical Director, Sleep (PSNG) Technician Program
 Concorde Career College. Memphis, TN

02/2000 – * Medical Director, Respiratory Therapy Program
 Concorde Career College. Memphis, TN

04/2011 – 06/2018 Professor (External), Medicina del Enfermo Crítico - Training Program.
 U de Guadalajara, Jalisco - Mexico

07/2008 – 06/2013 Adjunct Professor, Master of PH Program (Director: Marian Levy, Dr. P.H.)
 University of Memphis, Graduate School

05/1977 – 01/1979 Teach. Assistant Internal Medicine, Department of Medicine
 School of Medicine: University of Guayaquil, Ecuador

05/1976 – 01/1978 Teach. Assistant Semiology, Department of Medicine
 School of Medicine: University of Guayaquil, Ecuador

HOSPITAL CLINICAL APPOINTMENTS (Memphis, TN):

03/2015 – 2016 Attending Physician, American Sleep Medicine

01/2012 – 2017 Attending Physician, Wesley Neurology Sleep Disorders Center

03/2009 – * Attending Physician, Hardin Medical Center, Savannah, TN/ Sleep Medicine

09/2005 – * Attending Physician, Memphis VAMC/Sleep Medicine (Part Time, 6/8th)

07/2004 – 2013 Attending Physician, Methodist (Central) University Hospital

08/1999 – 2014 Attending Physician, Regional One Medical Center, Memphis (The MED)

08/1999 – 2005 Attending Physician, Memphis VAMC (WOC)

08/1999 – 2004 Attending Physician, William Bowld University Hospital (UT)

08/1999 – 2003 Attending Physician, Baptist Hospital (Central)

CLINICAL AND ADMINISTRATIVE EXPERIENCE:

07/1995 – 02/98 Physician in Chief, Medical Director Instituto Oncológico Nacional “Dr. Juan Tanca Marengo” ION-SOLCA Sociedad de Lucha Contra el Cáncer del Ecuador
 Guayaquil, Ecuador

07/1990 – 07/99 Director, Pulmonary Diseases Division Instituto Oncológico Nacional “Dr. Juan Tanca Marengo”; ION-SOLCA Sociedad de Lucha Contra el Cáncer del Ecuador
 Guayaquil, Ecuador

12/1991 – 12/94 Director, Department of Medicine Hospital Clínica Kennedy; Guayaquil, Ecuador

06/1991 – 02/94 Director, Pulmonary Diseases Division Hospital Policia Nacional No. 2;
 Guayaquil, Ecuador

01/1990 – 07/99 Attending Physician, (Private Practice limited to Critical Care, Pulmonary Diseases &
 Internal Medicine) Hospital Clínica Kennedy, Guayaquil, Ecuador

07/1985 – 11/89 Staff Physician. The Flashner Medical Partnership Long Island, New York
 (MAXICARE - HMO Provider)

11/1984 – 10/89 Emergency Room Physician, Physician Hospital (Part time)
 Queens, New York (Average: 24 hours/week)

07/1984 – 1985 Emergency Room Physician, Boulevard Hospital (Part time)
 Queens, New York (Average: 24 hours/week)

HOSPITAL AND PRACTICE COMMITTEES:

2011 – 2013 Burn Unit, M&M Committee

2009 – 2013 Chair, The MED Prevention, Management, & Control of ICU Infections
 2007 – 2008 Member Utilization Management Committee, TLC Family HealthPlan
 2005 – 2008 Outcome Improvement (“Move the Dot”) Committee: The MED H. Chair: S Polly, MD.
 2005 – 2013 Organ & Tissue Donor Committee, The MED H. Chair: Tiffany Bee, MD.
 2003 – 2005 Consultant to the Medical Director (Dr. D. Grant), TLC Family HealthPlan Asthma/COPD
 2002 – 2007 TennCare Center of Excellence Steering Committee (Respiratory Diseases)
 2002 – 2007 Member, Community Advisory Council (CAC) for “En Memphis: Hablamos Juntos”
 (Translated: “In Memphis, We Speak Together”)
 2002 – 2013 Member, Infection Control Committee: The MED H. Chair: Mack Land, MD, MACP.
 2002 – 2004 Member, Infection Control Committee: Bowld H. Chair: M. Appleton, MD.
 2002 – 2002 Chair, Bed Utilization (ICU) UMC, The MED & JURAN workgroup
 2001 – 2011 Member, Memphis & Shelby Co Air Pollution Control Board
 Appointed by Shelby Co (A. C. Wharton) & Memphis City (W. Herrenton) Mayors
 Re-Appointed 2006 & 2009
 2001 – 2006 Member, Length of Stay Committee: The Regional Medical Center at Memphis
 2000 – 2008 Member, Asthma Management Program Steering Committee, TLC Family HealthPlan
 2000 – 2011 Member, Special Care Committee: Regional Medical Center at Memphis

Medical Directorships:
 2012 – 2017 Wesley Neurology Sleep Disorders Center
 2008 – 2013 Memphis Sleep Diagnostics: Sleep Disorders Center
 2008 – 2011 Interim Director, Adult Cystic Fibrosis Program, UTHSC COM at Memphis
 2008 – 2009 Interim Director, VAMC at Memphis: Sleep Disorders Center
 2000 – 2013 The MED: G-ICU, PCU (Progressive Care Unit), Respiratory Care, Bronchoscopy Lab, PFT
 Lab, Rapid Response Team, Outpatient Pulmonary Clinic, Asthma Education

MEDICAL SOCIETIES AND PROFESSIONAL AFFILIATIONS:

National & International:

2018 Fellow (Inaugural), American Thoracic Society (# 07913)
 2011 Member, Sleep Research Society (SRS # 165872)
 2007 Fellow, Society of Critical Care Medicine (FCCM # 32046)
 2005 Fellow, American Academy Sleep Medicine (FAASM # 165872)
 2004 International Member, European Society Intensive Care Medicine
 2004 Member, National Hispanic Medical Association (NHMA)
 2003 Member, American Association Respiratory Care AARC (# 9399151)
 2002 Member, European Respiratory Society (# 108942)
 2002 Member, Asociación Latinoamericana del Tórax ALAT (# 0311)
 2001 Member, Society of Critical Care Medicine (# 32046)
 1999 Member, International Association for the Study of Lung Cancer (# 234212)
 1998 Member, American Medical Association (AMA # 31903790035)
 1995 Member, New York Academy of Sciences (# 386175-7)
 1994 Fellow, American College of Physicians (FACP # 71680)
 1994 Member, World Association for Bronchology
 1994 Member, American Association for Bronchology
 1994 Member, American Sleep Disorders Association
 1993 Fellow, American College of Chest Physicians (FCCP # 1263)
 1987 Member, American Thoracic Society (# 07913)
 1986 Member, American Association for the Advancement of Science (# 2182238)

Regional & Local:

2014 Member, Southern Sleep Society
 2013 Member, Tennessee Sleep Society
 2006 Member, Southern Medical Association (SMA # R95955)
 2005 Member, Southern Society for Clinical Investigation
 2001 Member, Memphis Academy of Internal Medicine
 2000 Founder President, Society of Latin American Physicians-Memphis
 1998 Founding Member, Society of Critical Care Medicine, Capítulo Guayas (Ecuador)

- 1997 Member, Academia Nacional de Ciencias, CC Biol-Nat & Salud (Ecuador)
- 1996 Founding President, Sociedad de Infectología, Capítulo Guayas (Ecuador)
- 1996 Founding Member, Sociedad de Editores Médicos (Ecuador)
- 1995 Member, Sociedad Ecuatoriana de Pediatría, Filial Guayas (Ecuador)
- 1993 Member, Ecuadorian Society of Allergy (Ecuador)
- 1992 Member, Benemérita Sociedad Médico Quirúrgica del Guayas (Ecuador)
- 1991 Member, Sociedad de Especialistas del Tórax, SEDET (Ecuador)
- 1988 Alumni, Johns Hopkins University Alumni Association (# 0564073)
- 1980 Member, Ecuadorian Society of Tuberculosis and Chest Diseases (Ecuador)
- 1980 Founding Member, Ecuadorian Society of Electron Microscopy (Ecuador)

SCIENTIFIC SOCIETIES LEADERSHIP AND COMMITTEE PARTICIPATION:

- 2009 – 2013 American College of Chest Physicians (ACCP), Ethics Committee
- 2006 – 2012 Member CPG Committee on ICU Hyperglycemia SCCM Chair: J Jacobi, PharmD, FCCM.
- 2006 – 2011 “Lung Club” Co-Founder/Director, Southern Society of Clinical Investigation
- 2006 – 2007 American Medical Association (AMA) Hispanic Physicians Leaders Task Force
- 2000 – * President, Society of Latin American Physicians (Memphis)
- 1998 – 2000 Vice-President Ecuadorian Society of Tuberculosis and Chest Diseases. (Ecuador)
- 1998 – 2000 Vice-President Sociedad de Editores Médicos. (Ecuador)
- 1997 – 1999 Member Asthma Board, CANDEAN Region
- 1996 – 1998 Founding President Sociedad de Infectología, Capítulo Guayas. Guayaquil, Ecuador
- 1992 – 1994 Vice-President Benemérita Sociedad Médico Quirúrgica del Guayas (BSMQG).
Guayaquil, Ecuador
- 1991 – 1995 Director SOLCA, Lung Cancer Tumor Committee (Sec: Management, Diagnosis & Treatment)

EDITORIAL ACTIVITIES:

Editor-in-Chief (Ad Hoc):

- 2014 – 2018 Annals of Occupational and Pulmonary Medicine / Editor-in-Chief eManager: DR Vana
<http://www.aopmjournals.org/>

Board Member (Ad Hoc/Last accessed March, 2018):

- 2016 – * The Source Journals of Medical Case Reports. SJ-MCR Publishers. eManager
<http://sourcejournals.com/journal/source-journal-of-medical-case-reports-sjmcr/editorial-board/>
- 2016 – * Open Access J Respiratory and Respiratory Sciences. Medwin Publishers. eManager: J Rose
<http://medwinpublishers.com/OAJPRS/editorial-board.php>
- 2016 – * SM Emergency Medicine and Critical Care. SM Online Publishers. eManager: Angela Rose
<http://smjournals.com/emergency-medicine/#>
- 2016 – * Archives of Emergency Medicine and Critical Care. J SciMed Central. eManager: Stacy Mark
<http://www.jsimedcentral.com/EmergencyMedicine/editors.php>
- 2016 – * Austin Journal of Lung Cancer Research. Austin Publishing Grp eManager: Brajen Dungdung
<http://austinpublishinggroup.com/lung-cancer-research/editorialBoard.php>
- 2016 – * Pulmonology Research and Respiratory Care. Scientia Ricerca. eManager: Georgia Linda
<http://scientiaricerca.com/prrc-eb.php>
- 2016 – 18 The Scientific Pages of Pulmonology. The Scientific Pages. eManager Nancy Perez
<http://thescientificpages.org/page/general-medicine/ebj.php?jid=pulmonology>
- 2016 – 18 The Scientific Pages of Sleep Medicine. The Scientific Pages. eManager M Ellis
<http://thescientificpages.org/page/general-medicine/scientific-pages-of-sleep-medicine.php>
- 2016 – 18 Gavin Journal of Emergency Medicine. Gavin Publishers. eManager: Maura Woods
<http://gavinpublishers.com/emergency-medicine-editorial-board/>
- 2016 – 18 Open Access Journal of Science and Technology” (OAJOST). eManager: D Wagner
<http://www.agialpress.com/journals/oajost/editorialboard/>
- 2016 – * International Society of Pleural Diseases, *PLEURA*. SAGE Pub. Editor: Maher Tabba, MD.
<http://www.pleuralsociety.org/journal.php> (Developing)
- 2015 – * EC Pulmonology and Respiratory Medicine. E-Cronicon. eManager: Christine Moore
<https://www.ecronicon.com/ECPRM-EB.php>

- 2015 – * Journal of Infectious Pulmonary Diseases: Sci Forschen Inc. eManager: Sandra Lisa
<https://sciforschenonline.org/journals/pulmonary-diseases/editorial-board.php>
- 2015 – * Archives Pulmonology and Respiratory Care. Peertechz. eManager: Anvi Naicker
<http://www.peertechz.com/Pulmonology-Respiratory-Care/editorialboard.php>
- 2014 – 17 SM Journal of Pulmonary Medicine. SM Group Open Access Jrnals. eManager: Vivian Garcia
<http://www.smjournals.com/index.php/pulmonary-medicine/about/editorialTeam>
- 2014 – * Austin Critical Care Journal. Austin Publishing Grp eManager: Jayne Radke ISSN 2379-8017
<http://austinpublishinggroup.com/criticalcare/editorialBoard.php>
- 2014 – * Austin J of Sleep Disorders. Austin Publishing Grp. eManager: Angelina Mark
<http://austinpublishinggroup.com/sleep-disorders/editorialBoard.php>
- 2014 – * Austin J of Pulmonary & Respiratory Medicine. Austin Publishing Grp eManager: Alicia Levey
<http://austinpublishinggroup.com/pulmonary-respiratory-medicine/editorialboard.php>
- 2014 – 15 Advances in Critical Care. Hindawi Publishing Corp. eManager: Aya Essam
<http://www.hindawi.com/journals/acc/>
- 2013 – 14 BioMed Research International - Critical Care Journal.
 Hindawi Publishing Corp eManager: Karim Youssef
<http://www.hindawi.com/journals/bmri/editors/critical.care/>
- 2013 – 15 Journal of Sleep Disorders. Herbert Publications (HOAJ). eManager Asma
<http://www.hoajonline.com/sleepdisorders/editorialboard>
- 2013 – * Journal of Sleep Medicine and Disorders. JSciMedCentral. eManager Kristi Brunet
<http://www.jscimedcentral.com/SleepMedicine/editors.php>
- 2011 – 14 Case Reports in Pulmonology. Hindawi Publishing Corp. eManager: M Anany
<https://www.hindawi.com/journals/cripu/editors/>
- 2007 – 15 The Open Critical Care Medicine Journal. Bentham Science Publishers. eManager: A Nawab
<https://benthamopen.com/TOCCMJ/home/> (discontinued)
- 2001 – 15 The Internet Journal of Pulmonary Medicine eEditor-in Chief: AJ. Huaranga, MD, MHA.
<http://www.ispub.com/journals/ijpm.htm>
- 2001 – 2009 Journal of Critical Care (Ecuador); Editor: Dr. Killen Briones
- 1997 – 2008 *Associate Editor*: “Oncología” (Ecuador). Medical Journal of the ION-SOLCA & the Sociedad de Lucha Contra el Cáncer del Ecuador, SOLCA. Editor: Dr. Jaime Sánchez
- 1993 – 1996 “Oncología” (Ecuador). Medical Journal of the ION-SOLCA & the Soc. de Lucha contra el Cáncer del Ecuador, SOLCA. Editor: Dr. Jaime Sánchez-Sabando
- 1992 – 1994 “Anales de Medicina y Cirugía”(Ecuador), Medical Journal of the Benemérita Sociedad Médico Quirúrgica del Guayas. Editor: Dr. Agustín Loo-Viteri, FCCP.

Scientific Reviewer (Ad Hoc/First & Last Manuscript Reviewed/*, current):

- 2017 – 2018 PLoS (Medicine) — (Ass Editor: Sachin Yende, M.D.)
- 2013 – 2016 Annals of Intensive Care Medicine (eEditor: Paul Marik, M.D.)
- 2010 – * Respiratory Care (Editor: Dean R. Hess, Ph.D.)
- 2009 – * Southern Medical Journal (Editor: G Richard Holt, M.D.)
- 2009 – 2012 Mayo Clinic Proceedings
- 2009 – 2011 JINS, Journal of the International Neuropsychological Society
- 2008 – 2010 Critical Care Forum (eEditor: JL Vincent, M.D.)
- 2008 – 2009 JCC-Sem Anesthesiology Periop Med & Pain (WFSICCM) (Editor: PD Lumb, MBBS.)
- 2007 – 2008 BioMed Central - Emergency Medicine (eEditor: Melissa Norton, M.D.)
- 2007 – 2012 McMaster Online Rating of Evidence (MORE) (eEditor: Brian Haynes, M.D, PhD.)
- 2006 – 2011 Journal of Diabetes and its Complications (Editor: Philip Raskin, M.D.)
- 2005 – * American Journal of Medical Sciences (Editor: Jesse Roman, M.D.)
- 2004 – 2008 Journal of Critical Care (Editor: M Pinsky, M.D.)
- 2003 – 2006 Journal of General Internal Medicine JGIM (Editor: EB Bass, M.D.)
- 2003 – 2005 UTHSC Clinical Research Center
- 2002 – * Chest (Editor: Richard S. Irwin, M.D.)
- 2002 – * Critical Care Medicine (Editor: Timothy G. Buchman, Ph.D., and M.D.)
- 2000 – 2010 Journal of the American Geriatrics Society (Editor: Robert Palmer, M.D.)
- 1990 – 1993 “Medicina de Hoy” (Ecuador). (Editor: Dr. Wilson Correa-Bustamante)
 Medical Journal of the Hospital Clínica Kennedy

Professional Organization Meetings (Ad Hoc — Scientific Program Committee):

2010 SCCM Poster Moderator (ICU Hyperglycemia)
2007 – 2015 SCCM Abstract Reviewer (Outcome Research)
2001 – 2015 ACCP Abstract Reviewer (COPD, Education, ICU Analgesia, Sleep)
2000 – * ACCP Poster Moderator (COPD)

Session Chair or Co-Chair at Scientific Meetings:

10/2006 Moderator (Original Investigation): “Critical Care Outcomes” CHEST 2006, the 72nd annual international scientific assembly of the **American College of Chest Physicians (ACCP)**. Salt Lake City, Utah

CERTIFICATES AND DIPLOMAS:

05/2009 ACLS & BLS provider: 02/21/2019—02/21/2021
01/2004 Instructor, Fundamentals Critical Care Support (SCCM)
02/1999 Total Nutrition Therapy – Parenteral and Enteral Nutrition. Latin American Federation of Nutritional Therapy, Clinical Nutrition and Metabolism
02/1988 Diploma of Pulmonary Diseases Consultant Guayas Medical College (Ecuador) MSP-G # 1123
02/1984 Diploma of Internal Medicine Consultant Guayas Medical College (Ecuador) MSP-G # 1122
12/1981 Federal Licensing Examination (FLEX)
03/1980 Doctor en Medicina y Cirugía Guayas Medical College (Ecuador # 2203) MSP-G # 8803
09/1979 Visa Qualifying Examination (VQE No. 304-280-1)
01/1979 Educational Commission for Foreign Medical Graduates (ECFMG No. 304-280-1)

OTHER PROFESSIONAL, COMMUNITY-CIVIC, & VOLUNTEER ACTIVITIES:

2009 -11 UTHSC Hispanic American Heritage Month Committee, member
2008 -10 “Levitt Shell - Noche Latina” Memphis Concert Series, Advisor
2007 -13 “Board of Directors—Member”, United Way of the Midsouth (2007-09) (2009-11) (2011-13)
2006 CNN (radio) en Español, COPD advisor
2005 -* Clínica Esperanza (“Hope Clinic”) free clinic for inner city Memphis-Latinos
2002 Medical Advisor March of Dimes Smoking Cessation, Memphis Branch
2002 Community Educator Am Heart Association (Latino Community 2002 – current)
2001 -* Director “Salud y Medio Ambiente” Weekly Health Education Program Radio Ambiente 1030 AM-WGSF, Memphis
<http://memphis.bizjournals.com/memphis/stories/2001/12/24/focus2.html>
1997 Member Guayaquil City Club (–1999)
1996 -* Member Puerto Lucia Yacht Club
1993 -* Member Biological Sciences Section, Casa de la Cultura Ecuatoriana Núcleo del Guayas
1992 -* Member Guayaquil Red Cross; (10/20 years - Service Medal: 2002/12)
1991 -* Member Club Nacional (Guayaquil)
1990 -* Member Guayaquil Country Club
1990 -* Member Benemérita Sociedad Filantrópica del Guayas
1985-08 Physician Benemérita Soc Unión de Panaderos de Socorros Mutuos

PEER REVIEWED PUBLICATIONS:

Pub Med – Link → [PubMed](#)

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&cmd=DetailsSearch&term=Freire%20ax>

Google Scholar - Link – (Includes Citations//Total # 2548; Until 2019 - 0901)

<https://scholar.google.com/citations?hl=en&user=JxLmlL4AAAAJ>

<http://scholar.google.com/scholar?q=%22author:A.+X.+author:Freire%22&hl=en&lr=&start=0&sa=N>

Web of Knowledge - Thomson Reuters (Includes Citations)

Times cited: 928; Citing: Critical Care 31.14% Pulmonary 14.00% Endo 11.85% Internal Med 11.53% // @ 2017-0822

http://apps.webofknowledge.com/Search.do?product=UA&SID=3FDigGVdHrsOCaphhp&search_mode=GeneralSearch&prID=8f8ec545-b91c-4d49-b242-2951f0925f53

Mendeley – Elsevier Profile

Citations 1315 h-index 15 Views/month 165
<https://www.mendeley.com/newsfeed/> (Last viewed March 30, 2018)

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18. Latif K, **Freire AX**, Umpierrez GE, Qureshi MN, Kitabchi AE. The use of Alkali Therapy in Severe Diabetic Ketoacidosis (DKA). American Federation for Medical Research, 2002 (Southern Regional) Meetings. New Orleans, LA (March, 2002). Platform: **Slide Presentation**. J Investig Med 2002; 50: 102A^{#537}.
19. Latif K, Umpierrez GE, Stoeber J, Blaho K, **Freire AX**, Parks L, Culbreath B, Kitabchi AE. Subcutaneous Lispro Insulin in the Treatment of Diabetic Ketoacidosis. American Diabetes Association 62nd Annual Meeting. San Francisco, CA (June 2002) Poster/Abstract Presentation.

2003:

20. Meibohm B, Gupta M, Talley CH, **Freire AX**, Wicks MN, Tolley EA, Yates CR. cDNA Array Analysis Indicates Upregulation of CXCR2 and CXCR5 Expression in COPD. American Thoracic Society 99th International Conference. Seattle, WA (May 16-21, 2003) Platform: **Slide Presentation**. Am J Respir Crit Care Med 2003; 167(s): A939. Mini-Symposium D84 COPD: What Can the Genes Tell Us? Wednesday 05/21/2003 1:30 PM - 4:15 PM.
21. Talley CH, Wicks MN, **Freire AX**, Martin JC, Meibohm B, Tolley EA. Depression in Caregiver-Care Recipient Dyads Coping with COPD. Association of Military Surgeons of the United States (AMSUS) 109th Annual Meeting, Federal Nursing Section. San Antonio, Texas (November 16-21) Poster/Abstract Presentation.

2004:

22. **Freire AX**, Bridges L, Kuhl D, Umpierrez GE. Does admission hyperglycemia predict higher hospital mortality in a younger-adult medical ICU population? American Thoracic Society 100th International Conference. Orlando, FL (May 21-26, 2004) Poster Presentation. Am J Respir Crit Care Med 2004; 169(s): A626.
23. **Freire AX**, Bridges L, Kuhl D, Umpierrez GE, Kitabchi AE. Admission Blood Glucose Level and Mortality Risk in the Medical Intensive Care Unit. The Endocrine Society 86th Annual Meeting. New Orleans, LA (June 16-19, 2004) Poster Presentation. Endo 2004: A^{P1-333}.
24. **Freire AX**, Bridges L, Paccasassi J, Kuhl D, Cheema F, Pugazhenth M. APACHE II in a younger-adult medical ICU—a case mix, severity of illness, mortality trend, and adjustment tool. UTHSC 2nd Annual Health Services Research Day. Poster Presentation. Memphis, TN (Oct 13, 2004).
25. **Freire AX**, Stephens M, Riggs K, Sultan-Ali I, Grant D. Community acquired pneumonia incidence in a younger-adult medical-underserved minority-population. UTHSC 2nd Annual Health Services Research Day. Poster Presentation. Memphis, TN (Oct 13, 2004).

2005:

26. Meduri GU, Golden E, **Freire AX**, Taylor E, Zaman M, Carson SJ, Gibson M, Umberger R. Methylprednisolone infusion significantly improves lung function in patients with early acute respiratory distress syndrome: results of a randomized controlled trial. CHEST 2005, the 71st annual international scientific assembly of the American College of Chest Physicians (ACCP). October 29-November 3, 2005, in Montreal, Canada (abst). Platform: **Slide Presentation**. Chest 2005; 128(4): 129s.
27. Chambers MP, Kuhl DA, Wood GC, Boucher BA, **Freire AX**. Increased Systemic Candidiasis in ICU Patients with Prolonged Antifungal Treatment of Candiduria. CHEST 2005, the 71st annual international scientific assembly of the American College of Chest Physicians (ACCP). October 29-November 3, 2005, in Montreal, Canada (abst). Platform: **Slide Presentation**. Chest 2005; 128(4): 134-5s.

2006:

28. Meduri GU, Golden E, **Freire AX**, Taylor E, Zaman M, Carson S, Gibson M, Umberger R. Methylprednisolone infusion significantly improves lung function in patients with early acute respiratory distress syndrome (ARDS): results of a randomized controlled trial (RCT). 35th Critical care Congress of the Society of Critical Care Medicine (SCCM). January 6-11, 2006 in San Francisco, CA (abst). Platform: **Slide Presentation**. CCM 2005; 33(6): 19s.
29. Cheema F, **Freire AX**, Dohan Jr. FC, Handorf CR, Patil S, Aleech Y, Perry A. Myoepithelial carcinoma of the lung: a case report. CHEST 2006, the 72nd annual international scientific assembly of the American College of Chest Physicians (ACCP). October 21-26, 2006, in Salt Lake City, Utah (Case Report). Platform: **Slide Presentation**. Chest 2006; 130(4): 314s.
- 2007:
30. AVECILLAS JF, KOIRALA K, **Freire AX**, Nasser W, Yataco JC. Predictors of the metabolic syndrome in patients undergoing overnight polysomnograms. American Thoracic Society 103rd International Conference. San Francisco, CA. May 18-23, 2007. Poster Presentation. AJRCCM 2007; 175(s): A^{#54}.
- 2008:
31. Manjunath SK, Zaidi SJ, Johns C, **Freire AX**, Muthiah MP. Solitary Squamous Papilloma of the Lung. Southern Society of Clinical Investigation. Feb 21-3, 2008, in New Orleans, LA. (Case Report). Platform: **Oral Presentation**. AFMR Abstracts (Southern Region). Journal Investigative Med 2008; 56(1): 348A^{#15}.
32. Murillo LC, Mohamed SF, AVECILLAS JF, Muthiah MP, Yataco JC, **Freire AX**. Patients Demographics and Socioeconomic Characteristics of an Ambulatory Care Clinic Served by the University of Tennessee PCCM Training Program. Southern Society of Clinical Investigation. Feb 21-3, 2008, in New Orleans, LA. Poster Presentation. AFMR Abstracts (Southern Region). Journal Investigative Med 2008; 56(1): 381 A^{#116}.
33. Ali MA, Shahbaz A, Alturkmani R, Brotherton J, Chisti W, Egerman RS, **Freire AX**, Muthiah MP. All that is AFB Positive isn't Tuberculosis in AIDS. Southern Society of Clinical Investigation. Feb 21-3, 2008, in New Orleans, LA. (Case Report). Poster Presentation. AFMR Abstracts (Southern Region). Journal Investigative Med 2008; 56(1): 412A^{#212}.
34. Alturkmani R, Kadaria D, Ali M, Koirala K, **Freire AX**, Muthiah MP. Systemic Sclerosis Sine Scleroderma Presenting as Nonspecific Interstitial Pneumonia (NSIP). Southern Society of Clinical Investigation. Feb 21-3, 2008, in New Orleans, LA. (Case Report). Poster Presentation. AFMR Abstracts (Southern Region). Journal Investigative Med 2008; 56(1): 412A^{#213}.
35. Manjunath SK, AVECILLAS JF, KOIRALA K, Yataco JC, **Freire AX**. Prevalence of Psychiatric Disorders in Patients with Obstructive Sleep Apnea who are Unable to Tolerate Nasal Continuous Positive Airway Pressure Titration. Southern Society of Clinical Investigation. Feb 21-3, 2008, in New Orleans, LA. Platform: **Oral Presentation**. AFMR Abstracts (Southern Region). Journal Investigative Med 2008; 56(1): 450A^{#325}.
36. Murillo LC, AVECILLAS JF, Habib M, **Freire AX**. Effects on Health Care Utilization of Positive Airway Pressure on Veterans with Obstructive Sleep Apnea Syndrome. CHEST 2008. 74th annual international scientific assembly of the American College of Chest Physicians (ACCP). October 25-30, 2008, in Philadelphia, PA. Poster Presentation. Chest 2008; 134: A^{#7115}.
- 2009:
37. Kadaria D, Murillo LC, Yataco JC, AVECILLAS JF, **Freire AX**. Sleep and Immunity: Relationship of Lymphocytes and Apnea Hypopnea Index. Southern Society of Clinical Investigation. Feb 12-4, 2009, in New Orleans, LA. Poster Presentation. AFMR Abstracts (Southern Region). Journal Investigative Med 2009; 57(1): 356 A^{#199}.
38. Zaidi SJ, **Freire AX**. Endobronchial Extension of Aspergilloma. Southern Society of Clinical Investigation. Feb 12-4, 2009, in New Orleans, LA. Poster Presentation. AFMR Abstracts (Southern Region). Journal Investigative Med 2009; 57(1): 358 A^{#206}.
- 2010:
39. Kadaria D, **Freire AX**. A case of DKA presenting with Acute Pancreatitis and Visceral Vein Thrombosis. American Thoracic Society 106rd International Conference. New Orleans, LA. May 14-19, 2010. Poster Presentation. AJRCCM 2010; 181:A^{#6090}.
- 2011:
40. Pant N, Kadaria D, Murillo LC, Yataco JC, Headley AS, **Freire AX**. Abdominal Pathology in Patients with Diabetic Ketoacidosis (DKA). 41st Critical Care Congress of the Society of Critical Care

Medicine (SCCM). February 4-8, 2012- Houston, TX. Poster Presentation. CCM 2011; 39(12): A^{#474} 19s.

2012:

41. Kadaria D, Archie DS, **Freire AX**, Zaman MK. Dual time point PET/CT scan in the evaluation of intrathoracic lesions. CHEST 2012. 78th annual international scientific assembly of the American College of Chest Physicians (ACCP). October 20-25, 2013, in Atlanta, GA. Chest 2012; 142: A^{#556}.
42. Romero-Legro I, **Freire AX**. Cryptogenic Organizing Pneumonia in a Patient With Hepatopulmonary Syndrome. CHEST 2012. 78th annual international scientific assembly of the American College of Chest Physicians (ACCP). October 20-25, 2013, in Atlanta, GA. Chest 2012; 142(4_MeetingAbstracts): A^{#480}. doi:10.1378/chest.1390819
43. Adams-Graves P, Muthiah MP, **Freire AX**, Kadaria D, Daniels B, Presbury G. Arterial Hypoxemia Syndrome. 49 years experience in the treatment of Sickle Cell. Fla J Sickle Cell Dis and Hemoglobinopathy 2012; 6(Feb):44 A^{#43}

2013:

44. Daniels AB, **Freire AX**, Womack CR, Adams-Graves P. Bone Mineral Density Patterns in African American Men with Sickle Cell Disease and Vitamin D Deficiency. Presentations: Posters at the Capital. February 13, 2013. Nashville, TN.
45. Daniels AB, **Freire AX**, Womack CR, Adams-Graves P. Bone Mineral Density Patterns in African American Men with Sickle Cell Disease and Vitamin D Deficiency. Presentations: UTHSC- Department of Medicine Research in Medicine Day 2013. February 15, 2013. Memphis, TN.
46. Daniels AB, **Freire AX**, Womack CR, Adams-Graves P. Bone Mineral Density Patterns in African American Men with Sickle Cell Disease and Vitamin D Deficiency. Presentations: The University of Memphis 24th Annual Graduate Student Research Forum. April 2, 2012. Memphis TN.
47. Daniels AB, **Freire AX**, Womack CR, Adams-Graves P. Bone Mineral Density Patterns in African American Men with Sickle Cell Disease and Vitamin D Deficiency. Presentations: The National Conference of Undergraduate Research, University of Wisconsin. April 12, 2013. La Crosse, WI.
48. Daniels AB, **Freire AX**, Womack CR, Adams-Graves P. Bone Mineral Density Patterns in African American Men with Sickle Cell Disease and Vitamin D Deficiency. Presentations: Helen Honors Symposium. Memphis TN.
49. Romero-Legro I, Yaghmour B, **Freire AX**, Murillo LC. Conservative Management of a Major Postintubation Tracheal Rupture. CHEST 2013. 79th annual international scientific assembly of the American College of Chest Physicians (ACCP). October 26-31, 2013, Chicago, IL. Poster Presentation. Chest 2013; 144 (4_MeetingAbstracts): A^{#6} doi:10.1378/chest.1705210.
50. Yaghmour B, Romero-Legro I, Bryant P, Murillo LC, **Freire AX**. A Very Rare Case of Secondary Hemophagocytic Lymphohistiocytosis in an AIDS Patient With Refractory Septic Shock and Overwhelming Disseminated Histoplasmosis. CHEST 2013. 79th annual international scientific assembly of the American College of Chest Physicians (ACCP). October 26-31, 2013, in Chicago, IL. Poster Presentation. Chest 2013; 144 (4_MeetingAbstracts): A^{#287} doi:10.1378/chest.1705147.

2014:

51. Yaghmour B, Romero-Legro I, Muthiah MP, **Freire AX**. Tuberculous Lymphadenitis Complicating Imatinib for Chronic Myeloid Leukemia. American Thoracic Society 110th International Conference. San Diego, CA (May 16-21, 2014) *Presentation* A53. Infectious Diseases Case Reports II. AJRCCM 2014; 189 (5s): A^{#1768}.
www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2014.189.1_MeetingAbstracts.A1768
52. Romero-Legro I, Yaghmour B, Murillo LC, **Freire AX**. Epinephrine Induced S-T Elevation During Bronchoscopy. American Thoracic Society 110th International Conference. San Diego, CA (May 16-21, 2014). *Presentation* C41. Case Reports In Interventional Pulmonary. AJRCCM 2014; 189 (5s): A^{#4444}. www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2014.189.1_MeetingAbstracts.A4444
53. Yaghmour B, Romero-Legro I, Hayden B, Muthiah MP, **Freire AX**. Haff Disease In A 21 Year Old Female After A Cruise To The Caribbean. American Thoracic Society 110th International Conference. San Diego, CA (May 16-21, 2014) *Presentation* D106. Rare and Illustrative ICU Infections and Exposures. AJRCCM 2014; 189 (5s): A^{#6475}.
www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2014.189.1_MeetingAbstracts.A6475
54. Yaghmour B, Muthiah MP, Romero-Legro I, Yaghmour G, **Freire AX**. Secondary Hemophagocytic Lymphohistiocytosis and Septic Shock with Multiple System Organ Dysfunction in HIV: Sepsis in

Extreme? A Case Series from a Single Institution and Literature Review. Austin, TX. *Presentation Chest* 2014; 146 (4_MeetingAbstracts): A^{#228} doi:10.1378/chest.1992011.

55. Yaghmour B, Romero-Legro I, Muthiah MP, **Freire AX**. Acute Paralysis Recovered Within 24 Hours in a Young African American Man: A Case of Thyrotoxic Hypokalemic Periodic Paralysis. Austin, TX. *Chest* 2014; 146 (4_MeetingAbstracts): A^{#249} doi:10.1378/chest.1991988.

2015:

56. Yaghmour B, Yaghmour G, Romero-Legro I, **Freire AX**. Not Every Wheezing is An Asthma. A Low-Grade Mucoepidermoid Carcinoma of the Lung Presenting As A Refractory Asthma. American Thoracic Society 111th International Conference. Denver, CO (May 15-20, 2015) B63 Case Reports: Rare Thoracic Tumors. *AJRCCM* 2015; 191(5s): A^{#3608}.
www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2015.191.1_MeetingAbstracts.A3608
57. Castañeda JL, **Freire AX**. Massive Pleural Effusion and Concomitant Lupus Nephritis Flare: The Value of Lupus Erythematosus (LE) Cells in the Pleural Fluid. American Thoracic Society 111th International Conference. Denver, CO (May 15-20, 2015) B39 Do you want to know a Secret? Case Reports in Pleural Diseases. *AJRCCM* 2015; 191(5s): A^{#2949}.
www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2015.191.1_MeetingAbstracts.A2949
58. Antonio RL, Sultan-Ali I, **Freire AX**. Rate of Abnormal Polysomnogram after Normal Portable Monitoring Study. *Presentation AASM 29th Annual Meeting*, Seattle, WA (June 6-10, 2015) *Sleep* 2015; 38 (6): A-163 A^{#0455}.
59. Alsharif AM, Potts M, Laws R, **Freire AX**, Sultan-Ali, I. Chart-Review vs. Clinic Visit for Initial Evaluation when Ordering Unattended Sleep Studies. *AASM 29th Annual Meeting*, Seattle, WA (June 6-10, 2015) *Sleep* 2015; 38 (6): A-173 A^{#0486}.
60. Lennon JJ, **Freire AX**, Tashtish, N. A new Method of Measuring Sleepiness: Memphis Sleepiness Score. *AASM 29th Annual Meeting*, Seattle, WA (June 6-10, 2015) *Sleep* 2015; 38 (6): B-425 A^{#1198}.
61. **Freire AX**, Tashtish N. Memphis Sleepiness Score: A Composite Evaluation Tool for Daytime Sleepiness Estimation. *AASM 29th Annual Meeting*, Seattle, WA (June 6-10, 2015) *Sleep* 2015; 38 (6): B-428 A^{#1206}.

2016:

62. Raza SH, **Freire AX**, Pattanaik D, Stuart J. Conversion Rate of Tuberculosis Screening Test in Patients with Rheumatic Diseases While Receiving Anti-Tumor Necrosis Factor Alpha (anti-TNF α) Agents. *ACR/ARHP Annual Meeting 2016 Nov 11-16*, Washington, DC. Poster^{#2598}.
<http://acrabstracts.org/abstract/conversion-rate-of-tuberculosis-screening-tests-in-patients-with-rheumatic-diseases-while-receiving-anti-tumor-necrosis-factor-alpha-anti-tnf%ce%bl-agents/>

2017:

63. Freire XA, **Freire AX**. Stanford and Visual Analog Scale Pilot Correlation with Psycho Vigilance Test and Reaction Time Response – in a Non-Sleepy Healthy Youth. Internal Medicine Research Day UTHSC Department of Medicine, Memphis, TN. February 24, 2017. Abstract^{#11}.
64. Praneet I, **Freire AX**. Assessment of Noise Levels Between Medical Intensive Care Unit and Sleep Laboratory in the VA Hospital. Internal Medicine Research Day UTHSC Department of Medicine, Memphis, TN. February 24, 2017. Abstract^{#20}.
65. Freire XA, **Freire AX**. Stanford and Visual Analog Scale Pilot Correlation with Psycho Vigilance Test and Reaction Time Response – in a Non-Sleepy Healthy Youth. *AASM 31th Annual Meeting*, Boston, MA (June 3-7, 2017) *Sleep* 2017; 40 (6): B-286 A^{#0772}.
66. Elahi A, Schoumacher R, Relia S, Dayyat E, **Freire AX**. Rohhadnet Syndrome: Piecing It All Together. *AASM 31th Annual Meeting*, Boston, MA (June 3-7, 2017) *Sleep* 2017; 40 (6): B-464 A^{#01249}.
67. Lu JI, **Freire AX**, Molnar MZ, Kalantar-Zadeh K, Kovesdy CP. Association of Chronic Insomnia with Mortality and Adverse Renal Outcomes. *ASN (Kidney Week-2017) A#2771381* New Orleans, LA Oct 31-Nov 5, 2017. *CKD-304-PO01 Poster*^{#FR-PO510}.

2018:

68. Freire XA, **Freire AX**. Karolinska Sleepiness Scale Pilot Correlation with Psycho Vigilance Test and Driving Response Failures– in a Sleepy Healthy Youth. *AASM 32th Annual Meeting*, Baltimore, MD (June 2-6, 2017) *Sleep* 2018; 41 (6): P21-236 A^{#0151}.
69. Salhan D, Whirley J, **Freire AX**. AASM vs. VAMC excel Sleep Diary - Sleep Onset and WASO Comparisons. *AASM 32th Annual Meeting*, Baltimore, MD (June 2-6, 2017) *Sleep* 2018; 41 (6): P05-120 A^{#0353}.

70. Salhan D, Relia S, Dayat E, Shoumasher R, **Freire AX**. Teenager with a Noisy Breathing a Rare Case of Catathrenia. AASM 32th Annual Meeting, Baltimore, MD (June 2-6, 2017) Sleep 2018; 41 (6): CRB-379 A^{#1135}.
71. Schuring CA, Rustom D, Mirza Q, **Freire AX**. Overwhelming Pneumococcal Infection and HLH like Hyperferritinemic Response in a Patient with Severe Immunosuppression Secondary to HIV-1 Infection. American Thoracic Society 114th International Conference. San Diego, CA (May 18-23, 2018) C51 - Critical Care Case Reports: You Give Me Fever - Infection and Sepsis. AJRCCM 2018; 197(5s): A^{#9346}. (Tuesday May 22, 2018)
72. Lu JI, **Freire AX**, Molnar MZ, Kalantar-Zadeh K, Kovcsdy CP. Association of Chronic Insomnia with Protein Energy Wasting in Chronic Kidney Disease. ASN (Kidney Week-2018) A#3012904 San Diego, CA Oct 26, 2018. CKD-Body Composition, Metabolism: Clinical PO01302-1 Poster^{#FR-PO570}. 2019:
73. Pattanaik D, Ali Z, **Freire AX**. Acute Gouty Arthritis Related Emergency Department Visits Among US Veterans Characteristics Predictors and Areas of Improvement. European Congress of Rheumatology-EULAR. Madrid, Spain June 12-15, 2019 Crystal Diseases, Metabolic Bone Disease A#AB0880 Ann Rheum Dis 2019: 78 Supp 2 A1907
74. A

SELECTED SCIENTIFIC PRESENTATIONS (CME/Invited Lectures, since 2000):

International (Outside the US):

1. “Lung Cancer — Blancos Moleculares” **3rd International Symposium Molecular Targets in Cancer Treatment**. SOLCA, SE Hematología, SE Oncología and SE Genética Humana. Hotel Oro Verde Guayaquil, Ecuador. September 12-13, 2019.
2. “Lung Cancer — Immunotherapy” **3rd International Symposium Molecular Targets in Cancer Treatment**. SOLCA, SE Hematología, SE Oncología and SE Genética Humana. Hotel Oro Verde Guayaquil, Ecuador. September 12-13, 2019.
3. “Hipertensión Pulmonar, Conceptos 2019” **3^{ra} Jornadas de Neumología en Adultos y Pediatría. Sociedad Ecuatoriana de Tisiología y Enfermedades del Tórax, SETET** Hotel Wyndham Guayaquil, Ecuador. April 26-28, 2019
4. “Hipertensión Pulmonar —, Controversias en el Tratamiento” **3^{ra} Jornadas de Neumología en Adultos y Pediatría. Sociedad Ecuatoriana de Tisiología y Enfermedades del Tórax, SETET** Hotel Wyndham Guayaquil, Ecuador. April 26-28, 2019
5. “Apnea Obstructiva del Sueño, Una Enfermedad Sistémica” **3^{ra} Jornadas de Neumología en Adultos y Pediatría. Sociedad Ecuatoriana de Tisiología y Enfermedades del Tórax, SETET** Hotel Wyndham Guayaquil, Ecuador. April 26-28, 2019
6. “Apnea del Sueno en Insuficiencia Cardíaca” **53rd Jornadas Sociedad Ecuatoriana de Cardiología – Núcleo del Guayas & Sociedad Internacional de Hipertensión**. (“Reunión de los Talentos”) Hotel Wyndham Guayaquil, Ecuador November 30 – December 2, 2018
7. “Ruta para mi Especialidad Médica en USA” **53rd Jornadas Sociedad Ecuatoriana de Cardiología – Núcleo del Guayas & Sociedad Internacional de Hipertensión**. (“Reunión de los Talentos”) Hotel Wyndham Guayaquil, Ecuador November 30 – December 2, 2018
8. “EPOC y Co-Morbilidades” (COPD Co-Morbidities) **VII Congreso Internacional de Aterosclerosis y Endotelio. SEAE Sheraton** Guayaquil, Ecuador. Agosto 4—6, 2017.
9. “Neumonía Comunitaria – Una Enfermedad Crónica?” **XX Congreso Ecuatoriano de Neumología y I Congreso Ecuatoriano de Neumología Pediátrica. SETET** Hilton Colon Guayaquil, Ecuador. Julio 7—9, 2017.
10. “Diagnóstico de Tuberculosis Latente e IGRAs” **XX Congreso Ecuatoriano de Neumología y I Congreso Ecuatoriano de Neumología Pediátrica. SETET** Hilton Colon Guayaquil, Ecuador. Julio 7—9, 2017.
11. “Efectos Cardiovasculares de OSA” **XX Congreso Ecuatoriano de Neumología y I Congreso Ecuatoriano de Neumología Pediátrica. SETET** Hilton Colon Guayaquil, Ecuador. Julio 7—9, 2017.
12. “OSA Risk and Co-Morbidities” **I OSA Symposium. Dr. Sulaiman Al Habib Medical Group. Dubai, UAE. April 19—22, 2017.**
13. “PSNG Studies from A-Z” **I OSA Symposium. Dr. Sulaiman Al Habib Medical Group. Dubai, UAE. April 19—22, 2017.**

14. “CPAP the Good, the Bad and the Ugly” **I OSA Symposium**. Dr. Sulaiman Al Habib Medical Group. Dubai, UAE. April 19—22, 2017.
15. “OSA e Hipertensión Arterial” **Congreso Internacional de Hipertensión Arterial. Consenso Latino-Americano de Monitoreo Ambulatorio y Medición Domiciliaria de Presión Arterial**. Guayaquil – Ecuador. Septiembre 9—11, 2016.
16. “Ventilación Mecánica en ARDS” **Jornada Internacional de Medicina Interna**. Hospital Luis Vernaza – Guayaquil, Ecuador. Julio 20, 2016.
17. “Neumonía Grave y Ventilación Mecánica” **Jornada Internacional de Medicina Interna**. Hospital Luis Vernaza – Guayaquil, Ecuador. Julio 20, 2016.
18. “Cardiovascular Impact of OSA” at **SDB - OSA Conference**. Holiday Inn – Aruba. March 19, 2016.
19. “Medicina (Hoy) y Hacia dónde Vamos (Futuro)” **II Jornadas Medicas Omni Hospital** – Guayaquil, Ecuador. Noviembre 26, 2015.
20. “Ventilación No-Invasiva” **II Jornadas Medicas Omni Hospital** – Guayaquil, Ecuador. Noviembre 26, 2015.
21. “Esteroides en ARDS” Simposio Ibero-Americano de Sepsis, **XI Congreso Sociedad Ecuatoriana de Cuidados Intensivos**, Jornadas de Terapia Respiratoria y Curso Internacional de Enfermería. Hotel Hilton Colon - Guayaquil, Ecuador. Octubre 27—30, 2015.
22. “Avances en Ventilación Mecánica en ARDS” Simposio Ibero-Americano de Sepsis, XI Congreso Sociedad Ecuatoriana de Cuidados Intensivos, **Jornadas de Terapia Respiratoria** y Curso Internacional de Enfermería. Hotel Hilton Colon - Guayaquil, Ecuador. Octubre 27—30, 2015.
23. “ARDS” Postgrado Cuidados Intensivos - Hospital Luis Vernaza – Guayaquil, Ecuador. Julio 21, 2015.
24. “Cor-Pulmonale” **Ecuadorian, V Congreso Internacional de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 16—18, 2013.
25. “OSA & Cardiometabolic Diseases (Apnea del Sueño y Enfermedades Cardiometabolicas)” **V Congreso Internacional de Atherosclerosis & Endothelium**. SEAE Guayaquil, Ecuador. August 16—18, 2013.
26. “ARDS Management (Manejo Actual del SDRA Grave)” **XXXI Congreso Internacional de Medicine, Cirugía y Especialidades 2013 HLV-JBG**. Guayaquil, Ecuador Julio 15—19, 2013.
27. “Near Fatal Asthma (Asma Casi Fatal)” **XXXI Congreso Internacional de Medicine, Cirugía y Especialidades 2013 HLV-JBG**. Guayaquil, Ecuador Julio 15—19.
28. “Visiting Professorship” [Profesor Invitado Externo: Medicina del Enfermo Critico, U de Guadalajara] **Hospital Civil de Guadalajara**. Guadalajara, Jalisco – Mexico. July 25—28, 2012.
29. “COPD Guidelines, Which is best?” **XIX Congress AIACT & XVIII National Congress Pneumology**. Guayaquil, Ecuador. November 12, 2011.
30. “COPD and Cardiovascular Risk” [EPOC y Riesgo Cardiovascular] **IV Congreso de Atherosclerosis & Endothelium**. SEAE Guayaquil, Ecuador. August 13—15, 2011.
31. “OSA Prognostic & Therapeutic implications” [**Implicaciones Pronósticas y Terapéuticas del SAOS**] **Ecuadorian, IV Congreso de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 13—15, 2011.
32. “Invasive Mechanical Ventilation” [Ventilación Mecánica Invasiva] **1st Mechanical Ventilation International Symposium OMNI Hospital**. Guayaquil – Ecuador. July 27—29, 2011.
33. “NIV in COPD” [Ventilación Mecánica No-Invasiva en EPOC] **1st Mechanical Ventilation International Symposium OMNI Hospital**. Guayaquil – Ecuador. July 27—29, 2011.
34. “NIV in COPD” [Ventilación Mecánica No-Invasiva en EPOC] **XIII Congreso del Hospital Civil de Guadalajara**. Guadalajara, Jalisco – Mexico. February 24—25, 2011.
35. “Sleep Disorders, CVD, and Syndrome Z” **Ecuadorian, III Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 1—4, 2009.
36. “Pulmonary Hypertension and COPD” ” **Ecuadorian, III Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 1—4, 2009.
37. “Controversies in ICU Hyperglycemia (IIT) Control” **Ecuadorian, II Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 24—6, 2008.
38. “The Metabolic Syndrome and Sleep” **Ecuadorian, II Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 24—6, 2008.
39. “Sleep Disorders and Cardiovascular Diseases, Update 2008” **Ecuadorian, II Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 24—6, 2008.

40. “COPD Management 2008” **Sociedad Médico Quirúrgica del Guayas** Centennial Celebration (SM-QG). Hospital Luis Vernaza Auditorium. Guayaquil, Ecuador July 9, 2008.
41. “Asthma, an Update 2008” **Sociedad Médico Quirúrgica del Guayas** Centennial Celebration (SM-QG). Hospital Luis Vernaza Auditorium. Guayaquil, Ecuador July 9, 2008.
42. “Controversies in ICU Hyperglycemia (IIT) Control” Annual Meeting **Ecuadorian Society of Critical Care Medicine**. Guayaquil, Ecuador. September 12—4, 2007.
43. “Status Asthmaticus” Annual Meeting **Ecuadorian Society of Critical Care Medicine**. Guayaquil, Ecuador. September 12—4, 2007.
44. “RT Issues in ICU Management of Severe Asthma” Annual Meeting **Ecuadorian Society of Critical Care Medicine**. Guayaquil, Ecuador. September 12—4, 2007.
45. “Sleep Disorders and Congestive Heart Failure” **Ecuadorian, Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 1—4, 2007.
46. “Smoking Cessation Update” **Ecuadorian, Jornadas de Atherosclerosis & Endothelium**. Guayaquil, Ecuador. August 1—4, 2007.
47. “Severe-Community Acquired Pneumonia (CAP)” **XVII National Meeting of Pulmonary Diseases**. Quito, Ecuador. June 25—7, 2007.
48. “Mono-Dose Macrolide Antibiotics for Respiratory Infections” Guayaquil, Ecuador. June 29, 2007.
49. “New Therapeutic Modalities in Community Acquired Pneumonia (CAP) Cuenca, Ecuador. June 28, 2007.
50. “Primary Pulmonary Hypertension” **Ecuadorian, Jornadas de Atherosclerosis**. Guayaquil, Ecuador. August 2—4, 2006.
51. “Sleep Apnea and Heart Diseases” **Ecuadorian, Jornadas de Atherosclerosis**. Guayaquil, Ecuador. August 2—4, 2006.
52. “Functional Variability in Asthma” **XVI National Meeting of Pulmonary Diseases & IV Ecuadorian-Peruvian encounter de Neumología**. Guayaquil, Ecuador. May 3—5, 2006.
53. “Leukotriene Modifiers in Asthma” **III Latin American INTERASMA Meeting, XV National Meeting of Pulmonary Diseases, & XIV Andean Region of Pulmonary Diseases**. Cuenca, Ecuador. July 21, 2004.
54. “Mechanical Ventilation in COPD” Annual Meeting **Ecuadorian Society of Critical Care Medicine**. Guayaquil, Ecuador. Nov 2003.
55. “Bronchoscopy in the ICU-BAL” Annual Meeting **Ecuadorian Society of Critical Care Medicine**. Guayaquil, Ecuador. Nov 2003.
56. “Enfermedades del Sueño e Hipertensión Arterial” **Club de Hipertensos del IESS**. Guayaquil, Ecuador. November 2002.
57. “Lung Cancer Screening” **Congreso Oncológico Nacional SOLCA “Sociedad de Lucha Contra el Cáncer” Ecuador Institution’s 50th year anniversary, ION-SOLCA**. Guayaquil, Ecuador. Nov 2001.
58. “Brochoscopy for Lung Cancer” **Congreso Oncológico Nacional SOLCA “Sociedad de Lucha Contra el Cáncer” Ecuador Institution’s 50th year anniversary, ION-SOLCA**. Guayaquil, Ecuador. Noviembre 2001.
59. “Esteroides inhalados en EPOC” **ULASTER XXVIII Congreso Panamericano de la Unión Latinoamericana de Sociedades de Tisiología y Enfermedades Respiratorias ULASTER & IUATLD Hilton Colón**. Guayaquil, Ecuador. November 2000.
60. “Asma: Manejo Ambulatorio” **ULASTER XXVIII Congreso Panamericano de la Unión Latinoamericana de Sociedades de Tisiología y Enfermedades Respiratorias ULASTER & IUATLD Hilton Colón**. Guayaquil, Ecuador. November 2000.

National (& International in the US):

61. “OSA Cardiovascular Consequences” H M Goldman School of Dental Medicine - **Boston University 2018 SDB Symposium**. Boston, MA March 9—10, 2018.
62. “OSA Co-Morbidities in Perspective” **ENT Open Forum - 2017**. Hyatt Regency Sarasota, FL. March 16—18, 2017.
63. “OSA Health Consequences” H M Goldman School of Dental Medicine - **Boston University 2017 SDB Symposium**. Boston, MA March 3—4, 2017.
64. “OSA and Hypertension” H M Goldman School of Dental Medicine - **Boston University 2017 SDB Symposium**. Boston, MA March 3—4, 2017.

65. “Building Bridges between Medicine & Dentistry – Mask Troubles (case studies)” at the **American Academy Craniofacial Pain (AACCP)** Mid-Winter Symposium. Talking Stick Resort - Scottsdale, AZ January 23-5, 2014.
66. “Cardiovascular Consequences of Obstructive Sleep Apnea” **AARC 58th International Respiratory Convention (AARC)**. New Orleans, LA Nov 10-13, 2012
67. “Incorporating Scholarly Activity into Training Programs” SCCM 2010, the 39th Critical Care Congress, **Society of Critical Care Medicine (SCCM)**. Miami, FL. January 9, 2010.
68. “Glycemia Measurement in the ICU” SCCM 2008, the 37th Critical Care Congress, **Society of Critical Care Medicine (SCCM)**. Honolulu, HI. February 3, 2008.
69. “Infection Control in the ICU/CRBSI” Cook[®] Representatives-National Meeting. Scottsdale, AZ. Jan 25, 2008.
70. “Controversies in ICU Hyperglycemia (IIT) Control” **Grand Round** Mountainside Hospital Montclair, NJ. March 23, 2007.
71. Moderator (Original Investigation): “Critical Care Outcomes” **CHEST 2006**, the 72nd annual international scientific assembly of the **American College of Chest Physicians (ACCP)**. Salt Lake City, Utah. October 23, 2006.
72. “Prone Positioning in the Treatment of ARDS” **American Association Respiratory Care (AARC)** Annual Meeting, Hilton New Orleans Riverside. December 5, 2004.
73. “Patient Characteristics & Analgesia Ordering Behavior in Medical Intensive Care Patients and Influence in Outcome”. **American Thoracic Society (ATS)** 97th International Conference. San Francisco, CA May 2001.

Regional (MidSouth):

74. “Cardiovascular Effects of OSA” **Tennessee Sleep Society**. Auditorium - Methodist University Hospital. Memphis – TN, April 29, 2016.
75. “Pulmonary Function Test – Practical Overview” **TN Society for Respiratory Care** 2015 Annual State Convention. St Francis Hospital Auditorium. April 10, 2015.
76. “Cardiovascular Effects of OSA” **Southern Sleep Society 36th Annual Meeting**. Hilton-Memphis, TN April 4-6, 2014.
77. “Cardiovascular Effects of OSA” **Tennessee Sleep Society. Inn at Opryland-Nashville**, TN October 4, 2013.
78. “Pathophysiology of Obstructive Sleep Apnea” **Meeting of the Minds UTHSC School of Dentistry**. Memphis June 7-8, 2013.
79. “Building Bridges between Medicine & Dentistry” **Meeting of the Minds UTHSC School of Dentistry**. Memphis June 7-8, 2013.
80. “Cardiovascular Effects of OSA” **West TN Chapter Society Respiratory Therapy**. Concorde CC at Memphis, TN Methodist University Hospital Auditorium December 2, 2011.
81. “Introduction to Sleep Medicine” **West TN Chapter Society Respiratory Therapy**. Concorde CC at Memphis, TN Le Bonheur Auditorium June 10, 2011.
82. “COPD Outpatient Management” **West TN Chapter Society Respiratory Therapy**. Concorde CC at Memphis, TN March 26, 2010.
83. “Controversies in ICU Hyperglycemia” at the **24th Annual Symposium on Critical Care and Emergency Medicine**. Hot Springs, AK. March 28, 2009.
84. “Controversies in ICU Hyperglycemia Management” at the Lung Club—**Southern Society of Clinical Investigation (SSCI) Annual Meeting**. New Orleans, LA. February 21, 2008.
85. “Sleep Apnea and Heart Diseases” 3rd Annual **Midsouth PCCM Junior Fellows Conference**. Doubletree Hotel at Memphis, TN. October 7, 2006.
86. “COPD Update” **Tennessee Osteopathic Medical Association** 107th (TOMA) Annual Conference & Scientific Seminar Chattanooga Hotel in Chattanooga, TN. June 26, 2005.
87. “Pulmonary Manifestations of Bioterrorism” **UTHSC TELEMEDICINE**. Memphis, TN. June 10, 2005.
88. “Asthma Case Studies” **TennCare COE TLC Peabody Hotel at Memphis**, TN. December 8, 2003
89. “Current Therapy in Asthma” **34th Annual Review Course for the Family Physician**. Opening Conference GEB UTHSC Family Physicians. Memphis, TN. August 2000.

Local (Memphis):

90. "Expert Case Discussions" **Updates in Pulmonary Medicine for the Primary Care and Hospitalist Physician** UTHSC Pulmonary Critical Care and Sleep Medicine & MUH. U Memphis Fogelman Center Auditorium. Memphis, Tennessee August 6, 2019.
91. "Pulmonary Fibrosis" **Community Outreach - Memphis Botanical Garden**. Memphis, TN April 17, 2015.
92. "Pulmonary Function Test" **Grand Round** for RT, St. Francis Hospital (Park Av.) Memphis, TN. April 10, 2015.
93. "Introduction to Sleep Medicine" **Grand Round** for RT, St. Francis Hospital (Park Av.) Memphis, TN. Dec 14, 2007.
94. "Introduction to Sleep Medicine for the RT" Concorde Career College RT **Grand Round**, Memphis, TN. June 19, 2007.
95. "CXR for the RT" Concorde Career College RT **Grand Round**, Memphis, TN. September 11, 2006.
96. "COPD Management Update" Society of Latin American Physicians (SLAP) Fall Meeting, Memphis, TN. November 17, 2005.
97. "COPD Overview" Concorde Career College RT **Grand Round**, Memphis, TN. October 24, 2005.
98. "Asthma in Shelby County" **TLC-MMCC**. Crescent Club, Memphis, TN. August 20, 2005.
99. "PFT in Asthma" **TLC-MMCC**. Crescent Club, Memphis, TN. August 20, 2005.
100. "Community Acquired Pneumonia" **TLC-MMCC**. TennCare. Memphis, TN August 24, 2004.
101. "Community Acquired Pneumonia" **Society of Latin American Physicians (SLAP)** Winter Meeting, Memphis, TN. December 12, 2003.
102. "VAP Prevention" **Respiratory Care Perspective** (Course Director) St Jude's Research Hospital, Memphis –Auditorium. July 2003.
103. "Acute Respiratory Failure in COPD" **Evidence-Based Practices in RC** (Course Director) **Respiratory Care the Regional Medical Center**, Memphis Holliday Inn Select (Airport)–Auditorium July 16, 2002.
104. "Community Acquired Pneumonia" **Evidence-Based Practices in RC** (Course Director) **Respiratory Care the Regional Medical Center**, Memphis Holliday Inn Select (Airport)–Auditorium July 16, 2002.
105. "History of Medicine, a look to the Future" **Alpha Epsilon Delta - Premedical Honor Society, University of Memphis-TN Delta Chapter** Feature Lecture, Spring Initiation Ceremony. April 2002.
106. "We have a great future" **Concorde Career College Feature Lecture: Convocation Ceremony-Fall** (*First Campus Speech after the 9-11 events*). October 2001.
107. "Hospital Fungal Infections" **Society of Latin American Physicians (SLAP)** Summer Meeting, Memphis, TN. July 28, 2001.
108. "ARDS & Sepsis" **Respiratory Care Perspective** (Course Director) **Respiratory Care the Regional Medical Center**, Memphis –Auditorium. July 2001.
109. "COPD Management" **Grand Round: Concorde Respiratory Therapy School**. Aug 2000.
110. "What's Hot & What's Not in Respiratory Care" (Course Director) **Shelby County RT Meeting** Radisson Hotel, Memphis, TN. July 2000.

Campus (UTHSC-COM at Memphis):

111. "Introduction to Sleep Medicine" 2018 **UTHSC Dental Sleep Medicine**. January 12, 2018.
112. "CPAP vs Cardiovascular Disease Risk in Perspective" **Internal Medicine Grand Rounds - Lecture Series**. UTHSC COM at Memphis - Coleman Building South Auditorium, September 20, 2017. (Last viewed 04/2018)
<http://mediaserver.uthsc.edu/uthscms/Play/5fa3cf0d2ad94a399bdfef5c3e2434821d>
113. "ARDS 50 year Anniversary" **Internal Medicine Grand Rounds - Lecture Series**. UTHSC COM at Memphis - Coleman Building South Auditorium, September 28, 2016. (Last viewed 04/2018)
<http://mediaserver.uthsc.edu/uthscms/Play/5afed32599a3406c87e27e58864000491d>
114. "Sleep & Sleep Disorders" The Dental-Medical Connection: Oral Appliances and Sleep Medicine. **UTHSC COD GEB Bldg**. Memphis Oct 17, 2014.
115. "Adult Disorders in Sleep Medicine ICSD-2" **Sleep Medicine Grand Rounds – Lecture Series**. UTHSC & VAMC. Internal Medicine Auditorium, August 7, 2013.
116. "Cardiovascular Consequences of Obstructive Sleep Apnea" **Internal Medicine Grand Rounds - Lecture Series**. UTHSC COM at Memphis - Coleman Building South Auditorium, June 27, 2013.

117. "ICU Hyperglycemia: A Decade of Trials and Observations" **Internal Medicine Grand Rounds** - Lecture Series. UTHSC COM at Memphis February 2, 2010.
118. "ICU Hyperglycemia, How Important is it and should we treat it?" **Internal Medicine Grand Rounds** - Lecture Series. UTHSC February 2, 2005.
119. "Asthma in TN" **Internal Medicine Grand Rounds** - Lecture Series. University of Tennessee Health Science Center. October 2000.

UTHSC COM Memphis: Master Clinician — M3 Internal Medicine Core

Recurrent Basis:

120. "COPD Outpatient Management" 2009 (3), 2010—2016 (6 per year).
"Asthma Outpatient Management" 2009 (3), 2010—2016 (6 per year).
121. "Journal Club and RCT" 2015—2017 (6 per year).

UTHSC COM Memphis: M2 Foundations in Pulmonary Medicine (Pathophysiology lecture series)

Recurrent Basis:

122. Pulmonary Function Test, Pulmonary Mechanics, Pneumonia, O₂ Transport, Pleural Effusion, Introduction to Sleep Medicine & Pulmonary pathophysiology laboratory
1999, 2000 — 2017.

UTHSC COM Memphis: M2 Pathophysiology (Neurology) lecture series

Recurrent Basis:

123. "Anatomy & Pathophysiology of Sleep"
9/22/2005, 9/26/2006, 9/25/2007, 9/23/2008.

UTHSC COM Memphis: **Internal Medicine Residency Program**. Coleman North Auditorium.

Recurrent Basis:

124. "COPD Management" 09/15/2000, 05/01/2008, 12/03/2009, 2011—2013.
125. "Introduction to Sleep Medicine" 02/30/2012.
126. "Sleep Medicine" Readiness for the ABIM 2014 & 2015.
127. "Status Asthmaticus" MUH June 28, 2005.
128. "Asthma Management" August 5, 2004.
129. "Acute Asthma" MUH June 25, 2004.
130. "Catheter Related Infections" August 25, 2003.
131. "Anemia in the ICU" Sept 3, 2002
132. "Community Acquired Pneumonia" July 25, 2002, July 31, 2003, August 7, 2004.

UTHSC COM Memphis: **Neurophysiology Fellowship Program**, MUH Tower 12.

Recurrent Basis:

133. "Presentations Tips" 12/06/2011, 09/01/2013, 2014—2017.
134. "Introduction to Sleep Medicine" 11/6/2009, 12/2010, 09/2012, 2013 — 2017.
135. "OSA Treatment" 05/05/2014, 2015—2017.
136. "Sleep Deprivation & Fatigue: Recognition, Prevention, and Management" 2016—2017.

UTHSC COM Memphis: **Cardiology Fellowship**, Memphis TN.

Recurrent Basis:

137. "Glycemic Control in the ICU, Controversies" Grand Round Nov 4, 2008.
138. "OSA and the Heart" Grand Round May 15, 2007.

UTHSC COM Memphis: **Endocrinology Fellowship**, Memphis TN.

Recurrent Basis:

139. "Glycemic Measurement in the ICU, Controversies" Grand Round Sept 11, 2008.

UTHSC COM Memphis: **Family Medicine Residency Prgrm**, St. Francis Hosp (Park Av.) Memphis, TN.

Recurrent Basis:

140. "Asthma Outpatient Management" April 28, 2010.
141. "COPD Outpatient Management" Jan 27, 2010.

142. “Acute Respiratory Failure” May 27, 2009
143. “Sleep Deprivation & Fatigue: Recognition, Prevention, and Management” 2016—2017.

UTHSC COM Memphis: Pulmonary CCM Fellowship Grand Rounds &/or Professor Lectures
Recurrent Basis (Fellows School):

144. “Sleep Deprivation & Fatigue: Recognition, Prevention, and Management” Fellows School: UTHSC Memphis PCCM.
08/23/2006, 08/22/2007, 09/21/2009, 2010, 08/31/2011.
145. “ICU General Care” Part A Fellows School: UTHSC Memphis PCCM.
08/04/2003, 07/08/2004, 07/08/2005, 07/26/2006, 07/12/2007, 2008—2013.
146. “ICU General Care/Part B” Fellows School: UTHSC PCC&SM September 23, 2008.
147. “COPD Overview” Fellows School: UTHSC PCCM Memphis. August 1, 2000.

Recurrent Basis Teaching Modules

(Airways, Neuro Critical Care, Sleep Medicine, Research & Mentorship Modules):

148. “COPD Outpatient Management” UTHSC Memphis PCCM 01/2012, 10/2013, 2014., 2018
149. “Asthma Outpatient Management” UTHSC Memphis PCCM 01/2012, 10/2013, 2014.
150. “Presentations Tips” UTHSC Memphis PCCM 01/10/2012, 10/2013, 2014.
151. “Research Pitfalls” UTHSC Memphis PCCM 10/2013, 2014.
152. “Epidemiology for Clinicians Random Thoughts” UTHSC PCC&SM Jan 2, 2009.
153. “Normal Bronchoscopic Anatomy” UTHSC PCC&SM July 2, 2008.
154. “Glucose Measurement in the ICU” UTHSC PCC&SM June 11, 2008.
155. “Tobacco Epidemic” Airways Module - UTHSC PCC&SM September 5, 2007.
156. “Administration of a Modern ICU” UTHSC PCC&SM **Grand Round** June 19, 2007.
157. “Sleep Medicine Pearls” UTHSC PCC&SM June 13, 2007.
158. “Controversies in ICU Hyperglycemia control” UTHSC PCC&SM **Grand Round** January 23, 2007.
159. “Sleep PSNG” **eight—1h lecture series**—of PSNG cases, examples, and basic sleep medicine laboratory techniques presented q18mths. UTHSC PCC&SM Jan-Feb, 2007.
160. “Introduction to Sleep Medicine” VAMC UTHSC PCC&SM Memphis, TN. January 18, 2006.
161. “Asthma in Shelby County” UTHSC PCC&SM Memphis, TN. September 8, 2005.
162. “Community Acquired Pneumonia” UTHSC PCCM Memphis, TN. December 9, 2003.
163. “Chronic Asthma Management” UTHSC PCCM Memphis. November 2002.
164. “COPD Overview” UTHSC PCCM Memphis, TN. September 22, 2002.
165. “Cardio Pulmonary Exercise Testing” UTHSC PCCM Memphis September 1, 2001.
166. “Current Asthma Therapy” Airways Diseases Module UTHSC PCCM Memphis. March 2001.
167. “COPD GOLD” Airways Diseases Module UTHSC PCCM Memphis. February 26, 2001.

UTHSC COM Memphis: Sleep Medicine Fellowship Grand Rounds &/or Professor Lectures

Recurrent Basis:

168. UTHSC Sleep Medicine Fellows School (Summer - 8 Lectures/yearly)
169. UTHSC Sleep Medicine & Fellowship Grand Rounds Lecture Series (Organizer)
170. UTHSC Memphis Sleep Medicine Fellowship Weekly Professor Rounds & Journal Club
2013—2017.

UTHSC COM Memphis: Other Schools & Affiliated Institutions Grand Rounds &/or Professor Lectures

Recurrent Basis:

171. “The MED RRT, QaQi, & Infection Control Program” UTHSC PCC&SM August 6. 2008.
172. “The Sub-specialty of Pulmonary, Critical Care, and Sleep Medicine” Internal Medicine Interest Group. January 30, 2007.
173. “Basic Mechanical Ventilation” CCRN Review The MED G-ICU. Memphis, TN. June 30, 2004.
174. “Anticholinergics in COPD” The MED Pharmacy Department. Memphis, TN. May 20, 2004.
175. “Maximal Voluntary Ventilation” The MED RT-PFT QA/QI. Memphis, TN. March 24, 2004.
176. “ICU General Care” CCRN Review The MED G-ICU. Memphis, TN. February 19, 2004.
177. “Diagnostic Testing: Sensitivity & Specificity” LCP Program UTHSC at Memphis, TN. May 13, 2002.
178. “COPD & Pulmonary Rehabilitation” Occupational Therapy Conference: UTHSC. March 2000.

Community:

179. “Primary Prevention” American Heart Association, 3rd Annual Heart Conference, Memphis, TN. October 2003.
180. “Smoking and Health” American Heart Association, 2nd Annual Heart Conference, Memphis, TN. October 2002.

Blogger & Media (Radio):

181. “Sleep Disorders in the Elderly” Memphis Medical News. Memphis – TN. March 07, 2016.
182. Sleep Problems & Solutions. *The Commercial Appeal* (March 26—30, 2007)
183. “Salud y Medio Ambiente” a weekly health education radio show in Spanish WGSF 1030 AM Radio Ambiente. <http://memphis.bizjournals.com/memphis/stories/2001/12/24/focus2.html> (Last viewed 04/2018)
- 184.

Industry Speaker Bureau: (none)

REFERENCES: (Available upon request)

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