

Date of Preparation: Apr 15, 2009

CURRICULUM VITAE

MUTHIAH P. MUTHIAH, MD, FCCP

- PREVIOUS NAME:** MUTHIAH PUGAZHENTHI
- BIRTHPLACE:** Madras, India
- CITIZENSHIP:** United States
- OFFICE ADDRESS:** University of Tennessee Health Science Center
Pulmonary & Critical Care Division
920 Madison, Suite 860
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- CURRENT ACADEMIC RANK:** ASSOCIATE PROFESSOR OF MEDICINE
- TENURE STATUS:** TENURED, JUNE 2006
- EDUCATION:**
- July 1997 - June 2000:** Fellowship training in Pulmonary and Critical care Medicine at The University of Tennessee, Memphis, Tennessee.
- June 1994 - June 1997:** Completed Internship and Residency in Categorical Internal Medicine at the University of Tennessee, Memphis, Tennessee.
- June 1988 - March 1991:** Post graduate study in Internal Medicine - Government Stanley hospital and Stanley Medical College, Madras, India.
- June 1986 - July 1987:** Internship, including rotations in Internal Medicine, General Surgery, OBGYN, Pediatrics, Psychiatry and Preventive Medicine and Public health at Madras Medical college, Madras, India.

Dec 1981 - April 1986: Graduate Study in Medicine (M.B.B.S) at Madras Medical College, Madras, India.

June 1979 - April 1981: Under graduate study at Sri Ramakrishna Mission Higher Secondary School, Madras, 600 017, India.

HONORS AND AWARDS:

Received the Excellence in teaching award by the Student Government

Association Executive Committee (SGAEC):

July 2006 - June 2007

July 2008 - June 2009

Received a **Golden apple award** for teaching in Pulmonary Pathophysiology by the class of 2007, University of Tennessee, Memphis, for:

July 2000 – June 2001

July 2002 – June 2003

July 2004 - June 2005

July 2005 - June 2006

July 2006 - June 2007

July 2007 - June 2008

July 2008 - June 2009

Received **outstanding Lecturer award** for the Pathophysiology course, from the second year medical students (MSEC).

July 2003 - June 2004

July 2006 - June 2007

July 2008 - June 2009

Selected as **one of the top 20 teachers** among the teaching faculty of University of Tennessee, Memphis.

July 2000 – June 2001

July 2001 – June 2002

July 2002 – June 2003

July 2003 - June 2004

July 2004 – June 2005

July 2005 – June 2006

July 2006 – June 2007

July 2007 - June 2008

July 2000 – June 2001: Selected as the best teacher, per voting by the interns and Residents, and awarded the **James B. Lewis award for excellence in teaching.**

July 1999-June 2000 Awarded The **Will Rogers research fellowship** for the year 1999-2000, during senior year at fellowship training.

Served as **Chief fellow for the Pulmonary and Critical Care fellowship** during the academic year 1999 – 2000

July 1995 - June 1996: Received award for **outstanding resident teacher**, during PGY 2 at The University of Tennessee, Memphis.

BOARD CERTIFICATION:

Board Certified in **Critical Care Medicine** by The American Board of Internal Medicine, Valid until the year 2010.

Board Certified in **Pulmonary Medicine** by The American Board of Internal Medicine, Valid until the year 2009.

Board Certified in **Internal Medicine** by The American Board of Internal Medicine, Valid until the year 2007. Plan to recertify in Fall 2007; Certificate# 176778

LICENSURE:

State of Tennessee, License # 32170

PROFESSIONAL MEMBERSHIPS:

American Thoracic Society, Member
American College of Chest Physicians, Fellow (FCCP)
Southern Society of Clinical Investigators

ACADEMIC POSITIONS:

- July 2006 – current** **Associate Professor of Medicine**, Department of Medicine, University of Tennessee, Memphis.
- Mar 2007– current** **Program Director**, Pulmonary & Critical Care Medicine fellowship program, University of Tennessee, Memphis
- July 2006 – March 2007** **Associate Program Director**, Pulmonary & Critical Care Medicine fellowship program, University of Tennessee, Memphis
- May 2004 – June 2006** **Assistant Program Director**, Pulmonary & Critical Care Medicine fellowship program, University of Tennessee, Memphis
- July 2000 – June 2006** **Assistant Professor of Medicine**, Department of Medicine, University of Tennessee, Memphis.

CURRENT HOSPITAL/CLINICAL APPOINTMENTS:

- May 2006 – current** Staff physician, **VAMC, Memphis**
- Jan 2008 – current** Director, **MICU, VAMC, Memphis**
- July 2000 - Present:** Attending physician, **Pulmonary consult service**
- July 2000 - Present:** Attending physician, **Medical ICU service**
- July 2000 - Present:** Attending physician, **Pulmonary clinic at MedPlex**
- July 2000 – Aug 2007:** Attending physician, **Interstitial Lung Disease clinic**
- Oct 2007 – current** **Staff physician, Pulmonary specialties clinic, VAMC, Memphis**

OTHER APPOINTMENTS AND PROFESSIONAL SERVICES:

- July 1999 – June 2002:** Instructor, **Introduction to clinical skills:**
Taught history taking and physical examination skills to third year medical students
- July 1992 - February 1993:** **Junior Consultant** in Internal Medicine, Swarm Hospitals, Indiranagar, Madras, India.

- 1988 - 1991:** **Duty Medical officer** at Swarm Hospitals private limited, Indiranagar, Madras, India.
- 2007 – Current** **Instructor**, FCCS Course (Fundamentals of Critical care support, sponsored by SCCM)
Course participated thus far: Sep2008, 8 & 9, Dec 2008, 9 & 10, Feb 2009, 17 & 18, Apr 2009, 21 & 22

TEACHING EXPERIENCE:

- July 1997 - current:** Teaching students, Interns and Residents going through Critical care units and Pulmonary consult rotations
- July 2001 - current:** Coordinator for the second year medical student's pulmonary Pathophysiology course.
- June 1988 - March 1991:** Taught Bedside medicine to 3rd and 4th year medical students at Government Stanley hospital and Stanley Medical College, Madras, India.

INVITED LECTURES

- 9/11/2000**, Healthplex: **Ventilator associated pneumonia** for Family practice residents
- 2/26/2001**, **Acute Exacerbation of Chronic bronchitis** – addressing family practitioners of Memphis TN
- 3/19/2001**, **Office Spirometry for the Internist:** GEB, B225-228
- 10/10/2001**, **Chest radiology for the Cardiologist:** 3rd floor conference room, Dobbs bldg
- 02/24/2002**, **Ventilator associated pneumonias** – for the Tennessee Chapter of the respiratory therapy
- 03/18/2002**, Discussion on **Office Spirometry**, with family practice physicians: GEB, B229

8/6/2002, Chest radiology for the Cardiologist: 3rd floor conference room, Dobbs bldg

8/15/2002, Asthma day lecture to a group of internists from Memphis, at the Racquet club of Memphis

4/16/2003, Cardiac Sarcoidosis, for the Cardiology fellows, 3rd floor conference room, Dobbs bldg.

6/4/2003: Preventive strategies in VAP, Lecture for the Tennessee Society of Respiratory care, At the Methodist hospital, Medical staff auditorium

6/04/2003, Preventive Strategies in VAP, Lecture for the Tennessee of Respiratory Care

12/9/2003, Chest radiology for the Cardiologist: 3rd floor conference room, Dobbs bldg

8/15/2002, Asthma day lecture to a group of internists from Memphis, at the Racquet club of Memphis

4/16/2003, Cardiac Sarcoidosis, for the Cardiology fellows, 3rd floor conference room, Dobbs bldg.

3/23/2004, COPD round table: for the primary-care provider. Hernando Mississippi

4/13/2004, Inhaled Corticosteroids and Long acting Beta agonists in COPD- for the interns and residents of University of Tennessee.(to be completed)

4/30/2004, Interstitial Lung Disease for the internist: for a group of primary care providers in Biloxi Mississippi.

8/25/04 (Grand Rounds), Interstitial Lung Disease for the internist: for the department of Internal Medicine; North Auditorium, Coleman Bldg

10/02/2004, Management of Respiratory infections, for the internist, in Nesbit, MS

11/11/2004, Management of Respiratory infections, for the internist, in Hernando, MS

02/15/2005, Management of Respiratory infections, for the internist, in Memphis, TN

02/19/2005, Ventilator Associated Pneumonia, lecture for the Dept of Medicine, University of Arkansas at Little Rock

04/07/2005, Prevention & Diagnosis of HCAP, for the internists/pulmonologists of Memphis, TN

09/23/2005, IDSA/ATS Guidelines for Health care associated pneumonia – Review: for the 2nd Junior fellows conference at Memphis, TN

11/29/2005: Chest X-Ray for the cardiologist – Lecture at the VAMC, division of Cardiology

1/18/2006: Recognition & Management of Sepsis – Lecture at the Arlington Development Center

2/04/2006: Ventilator Associated Pneumonia review for Univ of Arkansas Pulmonary & Critical care division, at Hot Springs, AR

03/03/2006: Treatment Options in IPF: Are there any? – Lecture at the Lung club, Southern Society of Clinical Investigators meeting, Atlanta, GA.

3/22/2006: Basic Hemodynamic Monitoring: Lecture at the **Fundamentals of Critical Care Support** course (for physicians & nurses). 5:30 pm, at the School of Nursing bldg, Methodist University Hospital

3/22/2006: Intravenous Access: Skill station instructor at the **Fundamentals of Critical Care Support** course (for physicians & nurses). 6:30 to 8:30 pm, at the School of Nursing bldg, Methodist University Hospital

3/27/2006: Discussion on treatment of Asthma: to the internists, and pharmacists at the Medplex conference room, 12:00 noon

4/23/2006: Treatment Options in IPF: Are there any? – Lecture at the University of Texas medical branch, APICS division, Galveston, Texas

9/14/2006: Treatment of Systemic Candida infections: lecture at Paulette's Restaurant for the Memphis area Internists and intensivists.

10/06/2006: Diagnosis Prevention & Treatment of HCAP: Lecture at the 3rd Junior fellows conference at the downtown Doubletree, Memphis, TN.

10/18/2006: Basic Hemodynamic Monitoring: Lecture at the **Fundamentals of Critical Care Support** course (for physicians, nurses and nurse practitioners).

1:00 pm, at the School of Nursing bldg, Methodist University Hospital

10/18/2006: Intravenous Access: Skill station instructor at the **Fundamentals of Critical Care Support** course (for physicians, nurses and nurse practitioners).

1:30 to 2:30 pm, at the School of Nursing bldg, Methodist University Hospital

11/08/2006, 12:00 – 1:00pm: ILD for Allergists: 4th floor LeBonheur conf room

12/05/2006, Dinner lecture: Salmeterol/Fluticasone therapy in COPD

12/08/2006, Noon lecture at Boscos: Usefulness of Tiotropium in COPD

04/12/2007, Panel discussion on Healthcare associated infections, at Ronnie Grisanti

04/18/2007, Hemodynamic monitoring for the division of Nephrology:

Conference room, suite 200 at 920 Madison

09/26/2007, Lecture to Respiratory therapists and ICU nurses: **Ventilator**

Associated Pneumonia, VA MICU class room

10/10/2007, Internal Medicine Grand rounds, University of Tennessee: **Inhaled Corticosteroids & Long Acting Beta Agonists in COPD: What is the rationale?** Coleman Bldg, North Auditorium.

10/10/2007, Chest X-rays for the Cardiologist, for the division of Cardiology, Univ of Tennessee, VA Cardiology Conf room.

1/23/2008, Cardiac Sarcoidosis: for the division of Cardiology, Univ of Tennessee, VA Cardiology Conf room.

2/28/2008, Treatment of Asthma, for the Residents, at Ronnie Grisanti

3/26/2008, Problem Based Learning in Asthma, at the Lebonheur conference room, for the Division of Allergy & Immunology, UT Memphis.

02/03/2009, Treatment of IPF, to the Rheumatology division, G 316, Coleman, 8 am

2/25/2010, Prolonged Glucocorticoid Treatment in ALI/ARDS, presented at the Lung club, as part of the Southern Regional Meeting, SSCI, New Orleans, LA

3/2/2010, Pulmonary Arterial Hypertension review, for the division of Cardiology, Cardiology conf room, VAMC, Memphis, TN

EDITORIAL APPOINTMENTS

Reviewer for **Southern Medical Journal** and **Chest**

Abstract reviewer for **Chest 2005**, Montreal, Canada

Abstract and case report reviewer for **Chest 2007**

Abstract reviewer for **Chest 2008**

Abstract reviewer for **Chest 2009**

Abstract reviewer for **Chest 2010**

COMMITTEE PARTICIPATION:

The Regional Medical center

Blue alert committee – **Chairman** (2004 – 2007)

Community Acquired Pneumonia committee – Member

Meditech Physician subcommittee – Member

University of Tennessee Health Science Center

Faculty advisory committee - Member

Intern Selection Committee – Member

Clinical Competence Committee – Member

Curriculum Committee - Member

University of Tennessee, Bowld hospital

Medical – Surgical Care committee – Member 2001 - 2004

Medical Executive committee (elected member) 2001 - 2004

Infection control committee – Member 2001 – 2004

University of Tennessee Medical Group (UTMG)

Clinical operations committee – Member Dec 2005 to 2008

VAMC, Memphis

MRSA committee (Sep 2007 – Current)

ICU quality control committee (Sep 2006 – 2007)

Critical Care Committee – **Chairman** (Jan 2008 – current)

HOSPITAL AFFILIATIONS: Active staff member

The Regional Medical Center, Memphis, TN
Methodist University Hospital, Memphis, TN
Veterans Administration Medical Center, Memphis, TN

RESEARCH EXPERIENCE:

Co-Principal investigator (UT site) “Randomized, Placebo-Controlled, Double-Blind, Multicenter, Parallel Group Study to Assess the Efficacy, Safety and Tolerability of Bosentan in Patients with Symptomatic Pulmonary Hypertension Associated with Sickle Cell Disease [Protocol AC-052-368 dated 9/12/05]”

Principal investigator (for the UT medical center site): A phase 4 Randomized, Double blind, Multi-center, comparator study evaluating the safety and efficacy of study drug compared to IV Midazolam in ICU subjects requiring greater than twenty four hours of continuous sedation, supported by Hospira.

Co Investigator, for a Randomized double blind, multicenter trial, comparing conventional versus a silver coated endotracheal tube for patients requiring mechanical ventilation; study supported by BARD.

Co Investigator, with Dima Adl and Muhammad Zaman, MD, in an IRB approved retrospective review of Steroid and Steroid sparing alternatives in Sarcoidosis.

Principal investigator (for the UT medical center site) for a Ventilator Associated Pneumonia (VAP) study, comparing Linezolid and Vancomycin; supported by Pfizer pharmaceuticals

Co investigator in Catheter related Blood stream infections (Due to MRSA) study comparing Linezolid and Vancomycin, supported by a supported by Pfizer pharmaceuticals

Co investigator in the Efficacy of Linezolid in Community Acquired Pneumonia study, supported by supported by Pfizer pharmaceuticals

Involved with Dr. Umberto Meduri and Dr. Frankie Stentz, in **immunohistochemical definition of Acute Respiratory Distress Syndrome** in the lung, during my senior fellow year (1999-2000)

Worked with Dr. Richard Wunderink and Dr. K.V. Leeper on **Severe Community acquired pneumonia data base**, at the University of Tennessee at Memphis, during my PGY - 3 of Internal Medicine Residency.

RESEARCH GRANTS:

Antifibrogenic effects of Palmidronate in Scleroderma, Carbone LD (PI), Watsky M, Warrington K, Pugazhenti M, Barrow KD, Postlethwaite A: 1/1/2003 to 1/1/2005, 5% effort

PRESENTATIONS IN NATIONAL AND REGIONAL MEETINGS:

July 2009 – June 2010:

Poster presentation at the Southern Regional meeting, New Orleans, LA. D. Kadaria, A. Luqman, S. Zaidi, A. Imran, H. Alshayeb, **M. Muthiah**, MK Zaman; Streptococcus pyogenes causing cavitory pneumonia in a patient with Sickle cell disease.

July 2008 – June 2009:

Reba Umberger, Carol Thompson, **Muthiah P. Muthiah**, G. Umberto Meduri, MD. Poster presented in Chest 2008, Philadelphia, October 25-30: Patients admitted to the ICU with sepsis are more likely to develop Nosocomial Infections.

July 2007 – June 2008:

M. Ghaffari, L. Balazs, M. Dugdale, Q. Nawab and **MP. Muthiah**: Pulmonary Malakoplakia in a patient with a lung mass – Slide presentation at Chest 2007, Chicago, Illinois.

Poster presentation at the Southern Regional meeting, New Orleans, LA. Erlotinib-Induced Interstitial Pneumonitis: Syed S Zaidi MD M.Zaman MD, FCCP; **M.Muthiah** MD, FCCP; Amr El Gamal, MD; M.Habib MD; Scott E. Sinclair MD, FCCP.

Oral presentation at the Southern Regional Meetings to be held February 21-23, 2008 at the Inter-Continental Hotel in New Orleans, Louisiana: 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}

Poster presentation at the Southern Regional Meetings to be held February 21-23, 2008 at the Inter-Continental Hotel in New Orleans, Louisiana: Murillo LC, Mohamed SF, Avcillas 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): 381A^{#116}.

Poster presentation at the Southern Regional Meetings to be held February 21-23, 2008 at the Inter-Continental Hotel in New Orleans, Louisiana: 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}.

Poster presentation at the Southern Regional Meetings to be held February 21-23, 2008 at the Inter-Continental Hotel in New Orleans, Louisiana: Alturkmani R, KadariaD, 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}

Poster presentation at the Southern Regional Meetings to be held February 21-23, 2008 at the Inter-Continental Hotel in New Orleans, Louisiana: Community Acquired Cavitating MSSA Pneumonitis. Wael Nasser, MD, Muhammad Zaman, MD, **Muthiah P. Muthiah, MD**.

July 2006 – June 2007: Poster presented at the the 29th Annual Meeting of the National Sickle Cell Disease, hosted by St. Jude, presented at the Peabody, Memphis, TN, 10th April, 2006: Arterial Hypoxemia Syndrome: 50 Years of Experience in the Treatment of Sickle Cell Disease. Patricia Adams-Graves, MD, **Muthiah P. Muthiah, MD**, Gerald Presbury, MD1 and Kimberly Lamar, PhD

July 2000 – June 2001: Poster presented at the American Thoracic society meeting, San Francisco, California (May 2001) **Muthiah P. Muthiah**, U Meduri, et.al. Nuclear uptake of nuclear factor- κ B and glucocorticoid receptors in lung tissue of patients with unresolving ARDS. Division of Pulmonary & Critical care Medicine, University of Tennessee, Memphis.

July 1997 – June 1998:Poster presented at the American Thoracic society meeting, Chicago, Illinois (April 1998) titled "A Comparison of Non-quantitative endotracheal aspirate and PSB/Bal cultures in the diagnosis of Ventilator Associated Pneumonia". **Muthiah P. Muthiah**, KV Leeper, et. al. Division of Pulmonary & Critical care Medicine, University of Tennessee, Memphis.

June 1994 - June 1997: Poster presented at the American Thoracic society meeting, San Francisco, California (May '97), titled "Prospective study of Severe Community Acquired Pneumonias with special reference to alcohol abuse," **Muthiah P. Muthiah**, KV Leeper, et. al. Division of Pulmonary & Critical care Medicine, University of Tennessee, Memphis.

PEER REVIEWED PUBLICATIONS:

ORIGINAL PUBLICATIONS

Muthiah MP, El Gamal A. Sarcoidosis. *BMJ Publishing Group* BMJ In Practice Web site. Forthcoming. A review of Sarcoidosis, to be embedded with the popular Epocrates program, and available to help providers take care of patients with Sarcoidosis. 2008

D. Carbone, K. J. Warrington, K. D. Barrow, **M. Pugazhenti**, M. A. Watsky, G. Somes, J. Ingels, A. E. Postlethwaite Pamidronate infusion in patients with systemic sclerosis results in changes in blood mononuclear cell cytokine profiles. *Clinical and Experimental Immunology*, December 2006 - Vol. 146 Issue 3 Page 371-576

G. Umberto Meduri, **Muthiah P. Muthiah**, Pierluigi Carratu, Mahmoud El-Torky and George P. Chrousos Nuclear factor- κ B and Glucocorticoid Receptor- α Mediated Mechanisms in Regulation of Systemic and Pulmonary Inflammation during Sepsis and ARDS. Evidence for Inflammation-induced Target Tissue Resistance to Glucocorticoids. *Neuroimmunomodulation*, 2005;12:321–338

Laura D Carbone, Kevin McKown, **Muthiah Pugazhenti**, Karen D Barrow, Kenneth Warrington, Grant Somes, Arnold E Postlethwaite. Dosage effects of orally administered bovine type I collagen on immune function in patients with systemic sclerosis. *Arthritis Rheum*. August 2004;50(8):2713-5.

Carratu P, Morelli N, Freire AX, **Pugazhenthii M**, Guerra S, Umberger R, Allegra L. The effect of Zafirlukast on Methacholine and ultrasonically nebulized distilled water challenge in patients with mild Asthma. *Respiration* 2003 May-Jun;70(3):249-53

Chafin CC, Tolley EA, George CM, Demirkan K, Kuhl DA, **Pugazhenthii M**, Self TH. Are there gender differences in the use of peak flow meters? *J of Asthma* 2001; 38(7), 541-543

Chafin CC, Tolley EA, George CM, Demirkan K, Kuhl DA, **Pugazhenthii M**, Self TH. Gender differences in metered-dose inhaler-spacer device technique. *Pharmacotherapy*. 2000 Nov;20(11):1324-7.

EDITORIALS:

Muthiah P. Muthiah and Muhammad K. Zaman: Mechanical Ventilation Simplified. Editorial, *Southern Medical Journal*, Volume 102, Issue 12, December 2009

Muthiah P. Muthiah: Pneumonia in the elderly: Whose friend is it anyway? Editorial, *Southern Medical Journal* Volume 101, Number 11, November 2008

Muthiah P. Muthiah: New Lung Lesion in Immunocompromised Host: Correct Diagnosis Despite a False Positive ANCA: Editorial, *Southern Medical Journal* 2006 Jul;99(7):701-2.

Muthiah Pugazhenthii . Sarcoidosis Presenting as Acute Respiratory Failure: Editorial. *Southern Medical Journal*, 2005;98:265

CASE REPORTS:

Amr A. El Gamal, Amado Freire, **Muthiah P. Muthiah**. A case of pseudo-Meigs syndrome. *The Journal of Respiratory diseases* volume 29. No 2, February 2008, page 83-84.

1. Chitra Lal, Hassan Amin and **Muthiah Pugazhenthii**: Pulmonary Arteriovenous Malformations successfully treated with coil Embolization. *Internet journal of Pulmonary Medicine*. Sep 2005
<http://www.ispub.com/ostia/index.php?xmlFilePath=journals/ijpm/vol5n2/pavm.xml>

Chitra Lal, MD, L.D.Gorden, MD, Darryl Weiman, MD, Mahmoud EITorky, MD, **Muthiah Pugazhenth**, MD, Complete resolution of Fibrosing Mediastinitis with steroid therapy – *Southern Medical Journal* Volume 98, Number 7, July 2005 (Letter to the editor)

Pugazhenth M, Cooper A, Ratnakanth S, Postlethwaite A, Carbone LD. Hypercapnic Respiratory Failure in Systemic Sclerosis. *Journal of clinical Rheumatology*, (February) 2003;9:43-46

REVIEWS:

Usery JB, Self TH, **Muthiah MP**, Finch CK.. Potential role of leukotriene modifiers in the treatment of chronic obstructive pulmonary disease. *Pharmacotherapy*. 2008 Sep;28(9):1183-7. Review

ABSTRACTS:

Reba Umberger, Carol Thompson, **Muthiah P. Muthiah**, G. Umberto Meduri, MD Chest 2008, Philadelphia, Oct 25-30: Patients admitted to the ICU with sepsis are more likely to develop Nosocomial Infections.

Pugazhenth M, Carratu' P, Stentz F, Eltorky M, Meduri GU., Nuclear uptake of nuclear factor- κ B and glucocorticoid receptors in lung tissue of patients with unresolving ARDS(abstract). *Amer J Resp Crit Care Med* 2001;163:(5)A452

Pugazhenth M, Leeper Jr. KV, Wunderink RG, et. al., A Comparison of Non-quantitative endotracheal aspirate and PSB/Bal cultures in the diagnosis of Ventilator Associated Pneumonia (abstract). *Amer J Resp Crit Care Med* 1998;157:(3)A293.

Pugazhenth M, Leeper KV, Jr, Wunderink RG, et. al., Prospective study of Severe Community Acquired Pneumonias with special reference to alcohol abuse. (abstract). *Amer J Resp Crit Care Med* 1997;155:(4)A232.

MODERATOR FOR SCIENTIFIC SESSIONS:

July 2008 – June 2009:

Expert moderator in Chest 2008, Philadelphia, PA, on 'Prescription Pneumonitis', on October 28, 2008

Moderator for 'Evolving Management strategies in Critical care' at the Chest 2008 meeting (ACCP), on October 28, 2008, Philadelphia, PA.

July 2007 – June 2008: Moderator for poster session in ILD evaluation & therapy: Co-hosted with Dr. Om Prakash Sharma, MD, on the 24th October, at the Chest 2007 (ACCP) meeting at Chicago, Illinois.

ACCEPTED FOR PUBLICATION:

None currently

OTHER:

ACCP Network participation: Clinical Pulmonary Medicine network steering committee, Nov 2008 to Nov 2009

ACCP Scientific presentation and awards committee – appointed July 2008

WORK IN PROGRESS:

Images in NEJM

A rare fungal blood stream infection

PRECEPTORSHIP

Preceptor for Acute care Nurse practitioner students:

2004: Jennifer Patterson, RN

2006: Elizabeth Burlew, RN

2007: Sheila Ayers, RN

2008: Donna Lynch-Smith, RN

SPECIAL INTERESTS:

Asthma

COPD

Interstitial Lung Diseases

Pulmonary Arterial Hypertension

Acute Respiratory Distress Syndrome

Sepsis

Ventilator Associated Pneumonia