

## **CURRICULUM VITAE**

February 20, 2017

**Stephen A. Mette, M.D., F.A.C.P., F.C.C.P**  
**Professor of Internal Medicine**  
**Executive Associate Dean for Clinical Affairs**  
**College of Medicine**  
**University of Arkansas for Medical Sciences**  
**Chief Clinical Officer**  
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### **EDUCATION**

#### Undergraduate

09/09/73 – 05/20/75 Franconia College, Franconia, NH  
08/28/75 – 05/14/78 B.A. (Biology), Reed College, Portland, OR

#### Medical School

08/25/79 – 06/01/81 Faculte Libre de Medecine, Lille, France  
07/10/81 – 06/01/83 M.D., Cornell University Medical College, New York, NY

### **POSTDOCTORAL TRAINING AND FELLOWSHIP APPOINTMENTS**

07/01/83 – 06/30/84 Intern, Department of Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA  
07/01/84 – 06/30/86 Resident, Department of Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA  
07/01/86 – 06/30/87 Clinical Fellow, Cardiovascular-Pulmonary Division, Hospital of the University of Pennsylvania, Philadelphia, PA  
07/01/87 – 06/30/88 Chief Resident, Department of Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA  
07/01/88 – 06/30/89 Research Fellow, Cardiovascular-Pulmonary Division, Hospital of the University of Pennsylvania, Philadelphia, PA

## **ADDITIONAL TRAINING**

2005	Advanced Leadership Strategies for Health Care Executives, Harvard School of Public Health, Boston MA.
2008-2009	Clinical Microsystems – The Dartmouth Institute/Maine Medical Center
2016	“Leading with Purpose” Leadership Training Certificate Program Xavier University

## **LICENSURE AND BOARD CERTIFICATION**

09/09/81	Step1 NBME (288247)	
09/28/82	Step 2 NBME	
03/07/84	Step 3 NBME	
1989-2000	Pennsylvania	MD032967-E
08/30/95	Maine	MD14050 (active)
06/17/16	Arkansas	E-9854 (active)
09/10/86	Specialty Board in Internal Medicine, ABIM 106559	
11/16/90	Subspecialty Board in Pulmonary Disease, ABIM 106559 Recertified for 2000-2010, 2011-2021	
11/05/91	Special Qualifications in Critical Care Medicine, ABIM 106559 Recertified for 2001-2011, 2011-2021	

## **ACADEMIC APPOINTMENTS**

07/01/84 - 06/30/87	Assistant Instructor, Department of Medicine, University of Pennsylvania School of Medicine
07/01/87 - 06/30/88	Instructor, Department of Medicine, University of Pennsylvania School of Medicine
07/01/88 - 06/30/89	Postdoctoral Trainee, Department of Medicine, University of Pennsylvania School of Medicine
10/01/89 – 06/30/95	Clinical Assistant Professor, Department of Medicine, University of Pennsylvania, School of Medicine
09/01/95 – 05/15/09	Clinical Associate Professor, Department of Medicine, University of Vermont School of Medicine
04/01/09 – 03/22/15	Associate Professor, Department of Medicine, Tufts University School of Medicine
04/01/15 - present	Professor, Department of Internal Medicine, University of Arkansas for Medical Sciences College of Medicine
02/01/17 – present	Executive Associate Dean for Clinical Affairs, University of Arkansas for Medical Sciences College of Medicine

## **HOSPITAL APPOINTMENTS**

07/01/89 - 06/30/95 Director, Medical Intensive Care Unit, The Graduate Hospital, Philadelphia, PA

07/01/89 - 06/30/95 Medical Staff, Department of Medicine, The Graduate Hospital, Philadelphia, PA

04/01/93 - 06/30/95 Director, Fellowship Training Program, Division of Pulmonary and Critical Care Medicine, Graduate Hospital, Philadelphia, PA

09/01/95 - 03/22/15 Medical Staff, Departments of Medicine and Critical Care, Maine Medical Center, Portland, Maine

10/01/96 - 04/09/97 Associate Director Fellowship Training Program Division of Pulmonary and Critical Care Medicine, Maine Medical Center, Portland, Maine

04/09/97 - 06/01/00 Director, Fellowship Training Program, Division of Pulmonary and Critical Care Medicine, Maine Medical Center, Portland, Maine

04/09/97 - 12/31/09 Director, Division of Pulmonary and Critical Care Medicine, Maine Medical Center, Portland, Maine

04/09/97 - 03/22/15 Medical Director, Respiratory Care

06/07/98 - 12/31/09 Medical Director, Smoking Cessation Program

10/01/06 - 09/30/07 President-Elect, Medical Staff, Maine Medical Center, Portland, Maine

10/01/07 - 10/31/09 President, Medical Staff, Maine Medical Center, Portland, Maine

11/01/06 - 06/30/09 Interim Chief (Chair), Department Critical Care Services, Maine Medical Center

07/01/09 - 03/22/15 Chief (Chair), Department of Critical Care, Maine Medical Center

04/01/15 - present Chief Clinical Officer, University of Arkansas for Medical Sciences Medical Center

09/28/16 - 12/01/16 Interim Chief Executive Officer, University of Arkansas for Medical Sciences Medical Center

09/28/16 - 12/01/16 Interim Vice Chancellor for Clinical Programs, University of Arkansas for Medical Sciences

## **AWARDS AND HONORS**

1978 Phi Beta Kappa

1983 Sara O'Laughlin Foley Prize in Medicine, Cornell University Medical College

1991 Teacher of the Year Award, The Graduate Hospital, Department of Medicine

1992 University of Pennsylvania School of Medicine, Class of 1992 Recognition for Excellence in Teaching

1995 Special Recognition for excellence in teaching from the Medical Housestaff, The Graduate Hospital

1996 Teacher of the Year Award, Department of Family Practice, Maine Medical Center

1997 Subspecialty Teacher of the Year Award, Department of Medicine, Maine Medical Center

1997	Inpatient Service Preceptor of the Year nominee, Department of Family Practice, Maine Medical Center
1998	Master Teacher Award, Department of Medicine, Maine Medical Center
2003	Inpatient Specialist of the Year, Department of Family Medicine, Maine Medical Center
2013	Presidential Citation, Society of Critical Care Medicine
2013	Down East Magazine "Top Doc" in Pulmonary Medicine
2014	Down East Magazine "Top Doc" in Pulmonary and Critical Care Medicine
2015	Down East Magazine "Top Doc" in Pulmonary and Critical Care Medicine

**HOSPITAL, HEALTH SYSTEM, MEDICAL SCHOOL AND UNIVERSITY COMMITTEE ASSIGNMENTS:**

**THE HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA**

1985-1986	Hospital of the University of Pennsylvania Housestaff Representative to the American College of Physicians
1985-1986	Infection Control Committee
1985-1986	Visiting Professor Committee
1985-1986	Morbidity and Mortality Conference Committee
1986-1987	Internship Selection Committee, Department of Medicine
1987-1988	Chief Resident Council, University of Pennsylvania School of Medicine
1987-1988	Medical Intensive Care Unit Quality Control Committee
1987-1988	Patient Care Quality Control Committee
1987-1988	Emergency Room Admission Committee
1987-1988	Department of Medicine Task Force on Graduate Medical Education
1987-1989	Search Committee for the Dean of the Medical School of the University of Pennsylvania
1989	Steering Committee for the Celebration of the 225th Anniversary of the founding of the Medical School of the University of Pennsylvania

**THE GRADUATE HOSPITAL**

1989-1995	Critical Care Committee (chair 1993-1995)
1989-1995	CODE Review Committee
1989-1995	Curriculum & Education Committee
1989-1995	Internship Selection Committee
1990-1995	Ethics Committee
1992-1995	Co-Chair (acting Chairman 9/92-7/93), Ethics Committee
1994-1995	Chair, Ethics Consultative Committee
1992-1995	Ethics Committee liaison to the Institutional Review Board
1994-1995	TB Risk Assessment Task Force
1994-1995	Organ Donor Council
1994-1995	Search Committee for the Chairman of Dermatology

## **MAINE MEDICAL CENTER AND MAINE HEALTH**

1997-2000	Graduate Medical Education Committee
1997	Coordinator, Eleventh Annual Kjeldgaard Day – Asthma Symposium
1997-2002	MMC Physician Hospital Organization, Quality Improvement and Resource Management Committee
1999	"Journey to Excellence" Assessment Leader for Pulmonary Services
1999-2000	Community Acquired Pneumonia Guideline Committee
1999-2000	Co-leader, Redesign of Pulmonary Services Team
2000-2001	Co-coordinator, Fifteenth Annual Kjeldgaard Day - Acute Lung Injury
2001	Co-coordinator, Sixteenth Annual Kjeldgaard Day - Occupational Lung Disease
2001-2015	Hospital Incident Command System Cardiopulmonary Unit Leader
2002-2011	Clinical Research Advisory Board
2002-2004	Chair, COPD Management Guideline Committee
2002-2004	Chair, Community-Acquired Pneumonia Guideline Committee
2004-2015	Critical Care Services Committee (Chair 2006 - )
2004-2009	Center of Biomedical Research Excellence, in Angiogenesis, Internal Review Committee
2004 -2015	Medical Director, Assisted Ventilation Unit (Long-Term Ventilator Weaning Unit)
2005	Coordinator, Nineteenth Annual Kjeldgaard Day – Stem Cell, Gene, and New Molecular Therapy in Pulmonary and Cardiovascular Disease
2006 -2015	Chair, Critical Care Services Executive Committee
2006-2009	MaineHealth Adult Asthma / COPD Workgroup
2006	Coordinator, Twentieth Annual Kjeldgaard Day – Health Information Technology / Health Information Management
2006-2009	Research Strategic Planning Steering Committee
2006-2015	Credentials Committee (Chair, 2006-2007)
2006-2014	Ventilator Associated Pneumonia Task Force
2006-2012	Medical Executive Committee (Chair 2007 – 2009)
2006-2012	Quality Council
2006-2007	Board of Trustees Finance Committee
2006-2007	Critical Care Services Review Committee
2007-2009	Physician Compensation Committee
2007-2009	Presidents' Council
2007-2012	Leadership Council
2007-2009	Maine Medical Center Board of Trustees
2007-2009	Maine Medical Center Board Education & Research Committee
2007-2009	Maine Medical Center Board Performance Improvement Committee
2007-2009	Clinical Services Strategic Planning Committee
2007-2009	Undergraduate Medical Education (UGME) Steering Committee
2007-2009	MaineHealth Physician Leadership Development Fellowship Planning Group
2008-2015	Infection Prevention Committee. (Chair 2013 – 2015)

2008	Medical Staff Compact Committee (Chair)
2008-2009	Board of Trustees search committee for CEO of Maine Medical Center
2008-2011	Information Services Committee
2008-2009	Undergraduate Medical Education (UGME) Executive Committee
2008-2010	Medical and Academic Affairs
2009	Coordinator, 23 <sup>rd</sup> Annual Kjeldgaard Day – “Update on the Diagnosis, Staging and Treatment of Lung Cancer”
2009-2011	Intermediate Care Planning Committee (Chair)
2010-2015	Simulation Governance Committee, The Hannaford Center for Safety, Innovation and Simulation
2010-2013	MaineHealth Vital Network (TeleICU) Oversight Committee
2010-2012	Medical Education Council
2010-2013	Maine Medical Center-VAMC Partnership Steering Committee
2010-2015	Medical Staff Bylaws Committee
2011-2012	Chair, CORE (Center for Outcomes Research and Evaluation) Directorship Search Committee
2012-2013	Clinical Care Variation Steering Committee
2012-2014	Physician Lead, Tracheotomy, Ventilation, Palliative Care Clinical Transformation Team
2012-2015	Physician Lead, Sepsis Clinical Transformation Team

#### **UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES**

2015 – present	Medical Records Committee (chair)
2015 – present	Credentials Committee
2015 – present	Pharmacy and Therapeutics Committee
2015 – present	Palliative Care Committee (co-chair)
2015 – present	Service Line Directors Council (chair)
2015 – present	Physicians Health Committee (co-chair)
2015 – present	Graduate Medical Education Committee
2015 – present	Patient and Family Centered Care Steering Committee
2015 – present	Adverse Events Committee
2015 – present	Value Analysis Committee
2015 – 2017	Service Line Medical Directors Council (chair)
2016	Search Committee for the Chair of Otorhinolaryngology
2016	Search Committee for the Chief Executive Officer, UAMS Medical Center
2016 – 2017	Search Committee for the Chair of Neurology
2016 – 2017	Search Committee for the Chief Operations Officer, UAMS Medical Center (chair)
2016 – 2017	Search Committee for the Chancellor, UAMS
2016 – present	Clinical IT Steering Committee (chair)
2016 – present	UAMS – Baptist Health Physician Partners CIN formation team (UAMS Lead)
2016 – present	Baptist Health – UAMS ACO formation team (UAMS Lead)

## **OTHER MAJOR REGIONAL COMMITTEE ASSIGNMENTS:**

2009- 2010	Presiding member, Regional Physician Assembly, Portland, Maine
2009 - 2015	Board of Directors, Community Physicians of Maine
2010 – 2015	Executive Committee, Community Physicians of Maine
2008 - 2010	Steering Committee, Physician Executive Leadership Institute, Daniel Hanley Center for Health Leadership
2009 – 2010	Curriculum Committee (co-chair), Physician Executive Leadership Institute, Daniel Hanley, Center for Health Leadership
2011 - 2015	Accountable Care Committee, Community Physicians of Maine
2011 - 2015	Board of Directors, Maine Health Physician Hospital Organization
2012 - 2015	Maine Health Physician Hospital Organization Central Value Oversight Committee
2012 - 2015	Co-chair, Maine Health Physician Hospital Organization Portland Region Value Oversight Committee
2012 - 2015	MaineHealth Information Services Steering Committee
2014 - 2015	MaineHealth PHO-ACO-CPM Integration Committee
2015 – present	Partnership for Healthy Arkansas, Care Management Transformation Committee
2015 – present	UAMS clinical representative to the Vizient Upper Midwest Consolidated Services Center

## **TEACHING RESPONSIBILITIES**

### **1989 – 1995 GRADUATE HOSPITAL, UNIVERSITY OF PENNSYLVANIA SCHOOL OF MEDICINE**

1. Attending Rounds in the Medical Intensive Care Unit 4-9 months/year at Graduate Hospital.
2. Attending Rounds on the Pulmonary Consult Service 3 months/year at Graduate Hospital.
3. Supervisor of Graduate Pulmonary Fellows throughout the year at Graduate Hospital.
4. Director, Medical Intensive Care Unit, The Graduate Hospital.
5. Course Director, Junior Internship in the Medical Intensive Care Unit, Graduate Hospital for Medical Students from the University of Pennsylvania School of Medicine.
6. Attending in Morning Report 1 month/year, The Graduate Hospital.
7. Faculty moderator, Morbidity and Mortality Conference, Department of Medicine, The Graduate Hospital.
8. Director, Fellowship Training Program, Division of Pulmonary and Critical Care Medicine, The Graduate Hospital.
9. Attending, Pulmonary Clinic, supervising pulmonary fellows, residents and University of Pennsylvania medical students 2 months/year
10. Bimonthly lecture on Shock for Medicine 200 level students from the University of Pennsylvania School of Medicine

**1995 – 2009 UNIVERSITY OF VERMONT COLLEGE OF MEDICINE AND MAINE  
MEDICAL CENTER**

1. Teaching rounds in the Special Care Unit - Maine Medical Center 2 - 3 months/year.
2. Teaching rounds, Pulmonary Consult Service - Maine Medical Center 3 months/year.
3. Course Director, Pulmonary Inpatient Consult Rotation, University of Vermont College of Medicine.
4. Outpatient Pulmonary Fellow Preceptor - One full day per week

**2010 - 2012 TUFTS UNIVERSITY SCHOOL OF MEDICINE AND THE MAINE  
MEDICAL CENTER**

1. Facilitator, Introduction to Clinical Reasoning Course for TUSM students at the Boston Campus

**PROFESSIONAL SOCIETIES**

1986	American College of Chest Physicians, Fellow 1992
1986	American College of Physicians, Fellow 1995
1987	American Thoracic Society
1989	Society of Critical Care Medicine
1990	Philadelphia College of Physicians, Fellow 1993
2002 - 2015	National Association for Medical Direction of Respiratory Care

**OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES**

2010 - present	Guidelines Oversight Committee (formerly Health and Science Policy Committee), American, College of Chest Physicians. Chair elect 2015-17.
2010-2014	ICU Design Committee, Society of Critical Care Medicine
2010-2014	Electronic Health Record Committee, American College of Chest Physicians
2010-2014	Clinical Practice Guidelines Subcommittee, American College of Chest Physicians
2013-2015	Chair, Guidelines Panel Subcommittee (Policy and Procedures Committee), American College of Chest Physicians
2016 – present	Guidelines Oversight Committee liaison to the Interstitial Lung Disease Network, American College of Chest Physicians

**RESEARCH AND ACADEMIC INTERESTS**

Acute lung injury  
Adult Respiratory Distress Syndrome  
Sepsis  
Idiopathic Pulmonary Fibrosis



Rural Healthcare Delivery  
Healthcare Delivery Reform

**RESEARCH SUPPORT**

*Grant Title:* HA-1A Efficacy in septic shock trial. Centocor Protocol #C0041T20  
*Funding:* Centocor  
*Period:* 1992 - 1993  
*Role:* Principal Investigator

*Grant Title:* CP-0127 Bradykinin antagonist and placebo in patients with presumed sepsis and systemic inflammatory response syndrome (SIRS).

*Funding:* Cortech  
*Period:* 1993 - 1994  
*Role:* Principal Investigator

*Grant Title:* Detection of elastin derived peptides in the blood and urine of patients with chronic obstructive pulmonary disease

*Funding:* Institutional  
*Period:* 1994 - 1995  
*Role:* Co-Principal Investigator

*Grant Title:* NHLB1-HR-94-05 Clinical Centers: Adult Respiratory Distress Syndrome clinical network

*Funding:* NIH  
*Period:* 1994 - 1995  
*Role:* Co-Investigator

*Grant Title:* Multi-center prospective randomized controlled clinical trial comparing the efficacy of Arrowguard central venous catheters in preventing catheter-associated bacteremia compared to conventional Arrow central venous catheters

*Funding:* Arrow Corporation  
*Period:* 1994 - 1995  
*Role:* Principal Investigator

*Grant Title:* Randomized prospective Multicenter Oscillator ARDS Trial (MOAT 2) SensorMedics model 3100B HFOV

*Funding:* SensorMedics Critical Care Corporation  
*Period:* 1997 - 1998  
*Role:* Co-Principal Investigator

*Grant Title:* A Multicenter, Randomized, Feasibility Study of Two Doses of AFO141 Administered for Partial Liquid Ventilation in Patients with Acute Respiratory Distress syndrome. LVAD-010.

*Funding:* Alliance Pharmaceuticals Company  
*Period:* 1997 - 1998  
*Role:* Principal Investigator

*Grant Title:* Multicenter, Prospective, Randomized, Controlled Pivotal Trial of Efficacy of Partial Liquid Ventilation (PLV) with Low and High Doses of Perflubron in Adult Patients with Acute Lung Injury. LVAD-007INT  
*Funding:* Alliance Pharmaceuticals  
*Period:* 1998 - 2000  
*Role:* Principal Investigator

*Grant Title:* Study of Inactivated Influenza Vaccine in Asthmatics  
*Funding:* Lung Association Asthma Clinical Research Center  
*Period:* 2000 - 2001  
*Role:* Site Principal Investigator

*Grant Title:* GIPF-007 INSPIRE Trial  
*Funding:* InterMune  
*Period:* 2003-2006  
*Role:* Principal Investigator

*Grant Title:* PIPF-004 CAPACITY Trial  
*Funding:* InterMune  
*Period:* 2006 - 2008  
*Role:* Principal Investigator

*Grant Title:* PIPF-012 Pirfenidone Open Label Continuation Trial in IPF  
*Funding:* InterMune  
*Period:* 2008 - 2015  
*Role:* Principal Investigator

*Grant Title:* PIPF-016 ASCEND Trial  
*Funding:* InterMune  
*Period:* 2011 - 2012  
*Role:* Principal Investigator

*Grant Title:* GB28547: A Phase II, Randomized, Double-blind, Placebo-controlled Study to Assess the Efficacy and Safety of Lebrikizumab in Patients with Idiopathic Pulmonary Fibrosis  
*Funding:* F. Hoffmann-LaRoche Ltd  
*Period:* 2013- 2015  
*Role:* Principal Investigator

*Grant Title:* High Value Healthcare Collaborative CMMI Sepsis Pilot Project  
*Funding:* Centers for Medicare and Medicaid Innovation  
*Period:* 2013 - 2015  
*Role:* Principal Investigator

*Grant Title:* Prevention and Early Treatment of Acute Lung Injury (PETAL Network)  
*Funding:* NIH  
*Period:* 2014-2019  
*Role:* ALIGNE Maine Medical Center Site Lead Investigator

## **EDITORIAL AND JOURNAL REVIEW ACTIVITY**

### Reviewer:

Annals of Internal Medicine  
Critical Care Medicine  
Chest  
Cleveland Clinics Journal of Medicine

### Relevance Reviewer:

American Board of Internal Medicine Certification Examination for Critical Care  
Medicine - 1994, 2015

### Peer Reviewer:

UpToDate

### Clinical Practice Guidelines Reviewer, American College of Chest Physicians

Antithrombotic 9<sup>th</sup> Edition  
Lung Cancer, 3<sup>rd</sup> Edition  
Surviving Sepsis Campaign Guidelines 2012  
Acute Exacerbation of COPD Guidelines 2014  
Cough Clinical Practice Guidelines  
Mass Casualty Care Practice Guidelines  
Occupational Interstitial Lung Disease Guideline (American College of Occupational and  
Environmental Medicine)

## **BIBLIOGRAPHY**

### **Refereed**

Horton JD, Edwards BF, Ruben LN, and Mette SA. Use of different carriers to demonstrate thymic-dependent and thymic-independent anti-trinitrophenyl reactivity in the amphibian, Xenopus laevis. Devel Comp Immunol 3:621-633, 1979.

Ruben LN and Mette SA. Antigen competition: Evolutionary and functional considerations in amphibian model systems. Cell Immunol 51:379-389, 1980.

Mette SA and Ruben LN. Effects of Trinitrobenzene sulfonic acid in two amphibian model systems. *Cell Immunol* 53:298-306, 1980.

Ruben LN, Mette SA, Edwards BF and Cochran S. Thymus dependent suppression of helper function in adult Xenopus laevis, the South African clawed toad. *Thymus* 2:19-25, 1980.

Albelda SM, Mette SA, Elder DE, Stewart R, Damjanovich L, Herlyn M. Buck CA. Integrin Distribution in Malignant Melanoma: Association of the B3 Subunit with tumor progression. *Cancer Research* 50:6757-6764, 1990.

Damjanovich L, Albelda SM, Mette SA, Buck CA. The Distribution of Integrin Cell Adhesion Receptors in Normal and Malignant Lung Tissue. *Am. J. Resp Cell Molecular Biol.* 6:197-206,1992.

Mette SA, Palevsky HI, Pietra GL, Williams TM, Bruder E, Prestipino AJ, Patrick AM, Wirth JA. Primary Pulmonary Hypertension in association with Human Immunodeficiency Virus Infection; a possible viral pathogenesis for pulmonary vascular disease. *Am. Rev Respir Dis.* 145:1196-1200, 1992

Mette SA, Pilewski J, Buck CA, Albelda SM. The Distribution of Integrin Cell Adhesion Receptors on Normal Bronchial Epithelial Cells and Lung Cancer Cells in vitro and in vivo. *Am. J. Resp Cell Molecular Biol.* 8:562-572, 1993

McCloskey RV, Straube RC, Sanders C, Smith SM, Smith CR, and the CHESS Trial Study Group (S.A. Mette was a member of the CHESS Trial Study Group). Treatment of septic shock with human monoclonal antibody HA-IA. *Ann Intern Med* 121:1-5, 1994.

T Dorfman, JH Burton, P Jones, ER Shipley, SA Mette. Inhaled Heliox Does Not Benefit Emergency Department Patients With Moderate To Severe Asthma. *Am J Emerg Med* 18(4):495-497, 2000.

American Lung Association Asthma Clinical Research Centers. The Safety of Inactivated Influenza Vaccine in Adults and Children with Asthma. *New Engl J Med.* 345(21):1529-1535, 2001.

Young MP, Manning HL, Wilson DL, Mette SA, Riker RR, Leiter JC, Lui SK, Bates JT, Parsons PE. Ventilation of Patients with Acute Lung Injury and ARDS. Has new evidence changed clinical practice? *Crit Care Med.* 32:1260-1265, 2004.

Davis J, Crawford K, Wierman H, Osgood W, Cavanaugh J, Smith KA, Mette SA, Orff S. Mobilization of Ventilated Older Adults. *J Geriatr Phys Ther.* 36:1-7, 2013

Rebecca L. Diekemper, MPH; Sheena Patel, MPH; Stephen A. Mette, MD, FCCP; Joseph Ornelas, PhD; Daniel R. Ouellette, MD, FCCP; Kenneth R. Casey, MD, MPH, FCCP. Making the GRADE: CHEST Updates its Methodology. *Chest.* 2016; doi: 10.1016/j.chest.2016.04.018

## Chapters, Invited Reviews

Ruben LN, Mette SA, Horton JD, Edwards BF, Tournefier A, Stack J. Carrier dependence in hapten responses, tolerance and memory in Xenopus laevis, the South African clawed toad. In "Immunologic Memory", Manning, M, Ed. pp 207-216, North Holland Biomed Press, Amsterdam, 1980.

Kucich U, Hamilton J, Akers S, Kimbel P, Mette S, Rosenbloom J, Weinbaum G. Purification of Elastin Antigen (s) from the Urine of Patients with Emphysema. In: Pulmonary Emphysema: The Rationale for Therapeutic Intervention. Ann NY Acad Sci. 624:334-336, 1991

Weinbaum G, Kucich U, Kimbel P, Mette S, Akers S, Rosenbloom J. Measurements of Elastin-derived peptides. Ann NY Acad Sci. 624:147-153, 1991

Mette SA, Albelda SM. Life Threatening Hemoptysis. In: Carlson RW, Geheb MA (Eds), Principles and Practice of Medical Intensive Care. 876-882; 1993. WB Saunders, Philadelphia.

Mette SA. Hemoptysis. In Fishman AP, Kotloff R. (Eds), Pulmonary Diseases and Disorders: A companion handbook. 11-17; 1994. McGraw Hill.

Mette SA. When should central venous catheters be changed in the intensive care unit? Should there be a time-based protocol for doing so? Cleve Clin J Med 68(12): 994-996, 2001.

## Case Reports

Audu PBD, Sing RF, Mette SA, Fallahnejad M. Fatal diffuse alveolar injury following the use of intrapleural bleomycin. Chest 103:1638, 1993

Tecce MA, Schalet BD, Roberts SA, Iskandrian AS, Mette SA, Segal BL. Sudden cardiac death from coronary artery spasm in a healthy subject. Cathet-Cardiovascular Diagnosis 32:171-173, 1994.

Sing RF, Kefalides PT, Mette SA, Fallahnejad, M. Chest wall metastasis after percutaneous fine needle aspiration biopsy. J Am Osteopath Assoc. 96(9):546-7, 1996.

## Abstracts

Mette SA, Buck CA and Albelda SM. Cell-substratum adhesion characteristics of cultured human bronchial epithelial cells. AM. Rev. Respir. Dis. Suppl. 139:4,A408;1989.

Albelda SM, Mette SA, and Buck CA. Expression of integrin cell-substratum adhesion receptors by normal and malignant cells. Clin. Res. 37:2, 472A; 1989.

Kucich U, Hamilton J, Akers S, Kimbel P, Mette S, Rosenbloom J and Weinbaum G. Purification of elastin antigen(s) from the urine of emphysema patients. Presented at the New York Academy of Sciences/American Thoracic Society Meeting on Pulmonary Emphysema: The Rationale for Therapeutic Intervention, May 1990.

Mette SA, Edelman JM, Buck CA, Albelda SM. Distribution of integrin cell-substratum adhesion receptors in human lung tissue. Am Rev Resp Dis. 141:4,A705;1990.

Mette SA, Palevsky HI, Pietra GG, Williams TM, Patrick AJ, Wirth JA. Primary pulmonary hypertension in association with human immunodeficiency virus infection. Am Rev Resp Dis. 143:A180;1991.

Mette SA, Palevsky HI and Baumel MJ. Primary pulmonary hypertension and HIV-1 infection in patients evaluated for lung and heart-lung transplantation. Chest 102:138S; 1992.

Palevsky HI, Baumel MJ and Mette SA. HIV-1 screening practices of pulmonary hypertension referral centers: A survey of NIH-PPH registry participants. Chest 102:138S; 1992.

Fallahnejad M, Epstein P, Swartz M, Mette S. Current perspectives in surgical treatment of inflammatory lung disease: A new challenge. Chest 102:655; 1992.

McGovern JP, Mette SA. Increased infusion rates of atracurium in critically ill patients. Presented at the New Jersey Society for Critical Care Medicine, October 8-10, 1992.

Fallahnejad M, Fisher S, Mason B, Swartz M, Mette SA, Epstein P. Intraoperative radiation therapy in treatment of lung cancer. Chest 106:705; 1994

T. Dorfman, JH Burton, P Jones, ER Shipley, SA Mette. Inhaled Heliox Does Not Benefit Emergency Department Patients With Moderate to Severe Asthma. Am J Resp Crit Care Med. Vol 159(3):A643, 1999.

HP Wiedeman, D Schuster, D Sandifer, H Fessler, S. Mette, AS T&delta;nc&delta;, MK Wedel. A Multicenter, Randomized, Feasibility Study of Two Doses of Perflubron Administered for Partial Liquid Ventilation (PLV) in Patients With Acute Respiratory Distress Syndrome (ARDS). Am J Resp Crit Care Med. Vol 159(3):A80, 1999.

M Young, H Manning, DL Wilson, S Mette, R Riker, J Bates, J Leiter, P Parsons. Treating ALI/ARDS: Has New Science Changed Practice? Am J Resp and Crit Care Med. Vol 165(8):B26, 2002.

DLWilson, PA Lerwick, SA Mette. Physician Recognition of Acute Lung Injury. Am J of Resp Crit Care Med. Vol 169(7):A17, 2004.

Guzowski MM, Mette S. "Quality Assessment of the Use and Success of Closed Tube Thoracostomy vs. VATS Pleurodesis" American Thoracic Society, San Diego, 2006.

Blaisdell G, Dziodzio JT, Hirsch CA, Mette SA. Comparison of Breath-Actuated Nebulizers (BAN) and Ultrasonic Nebulizers in Sputum Induction. Presentation at the American Association of Respiratory Care, 2008.

Inkoulova PK, JT Dziodzio, SA Mette . Outcomes of Failed Extubation in Medical ICU Patients. Am J Resp and Crit Care Med. Vol 179(1):A5849, 2009

Inkoulova I, JT Dziodzio, SA Mette. Clinical Outcomes in Medical Intensive Care Unit Patients Failing Extubation. CHEST 2009; 136:31S-c-32S

Brown J, C Hirsch, K Crowley, SA Mette. An Unusual Case of Respiratory Alkalosis. AARC National Convention, December 2009, San Antonio, TX. Published in Respiratory Care Nov. 2009

Whitten S, C Hirsch, R Owens, SA Mette. Implementation of A Blinded Bronchial Lavage Sampling Protocol. AARC National Convention, December 2009, San Antonio, TX. Published in Respiratory Care Nov. 2009

Duprey JL, S.A. Mette Case Report: Right-To Left Interatrial Shunt With Normal Right Heart Pressures Following Pneumonectomy. AmJ Resp and Crit Care Med H33, 2010

Crawford K, Osgood WE, Cavanaugh JT, Davis J, Threlkeld KA, Mette SA, Wierman HR, Orff S. Early mobilization of the mechanically ventilated geriatric intensive care unit patient: a pilot study. Presented at the annual meeting of the American Physical Therapy Association, June 8-11, 2011, National Harbor, MD.

McCarl J, Crawford K, Cote J, Threlkeld K, Mette S. Early Mobilization of the Mechanically Ventilated Geriatric Intensive Care Unit Patient: PILOT B. Critical Care Medicine December 2012. 40(12) (Supplement 1):1029

Hall R, Kuhn E, Buttarazzi MS, Mette SA, Wungwattana M. Antimicrobial Prescribing Practices in Septic and Septic Shock Patients Prior to Formal Implementation of an Antimicrobial Stewardship Program. American Society of Health-System Pharmacist Annual Meeting, December 7-11, 2014, Anaheim, CA.

### **Additional Publications**

IHI White Paper: “Why Can’t Our EHRs Be More Like Smart Phones?” September 2016.

### **Invited Presentations (Past 5 years)**

2011 Treatment of NSCLC Stage I and II: ACCP Evidence-Based Clinical Practice Guidelines. Plenary Presentation, CHEST 2011 Annual Meeting, 10/26/11.

- 2011 Strengths and Weaknesses of Guidelines in Clinical Practice. Plenary Presentation, CHEST 2011, 10/26/11.
- 2011 Guidelines for Adjuvant Chemotherapy in Resected Stage I and II Lung Cancer: Good, Bad or Ugly. Plenary Presentation, CHEST 2011, 10/26/11.
- 2012 Rational Use of Vasopressors in Shock. Maine Health, 3/20/12.
- 2012 Sepsis: Pathophysiology and Management. Grand Rounds, North Conway Memorial Hospital, 7/17/12.
- 2013 Sepsis: A 2013 Update. Surgical Grand Rounds, Maine Medical Center, 8/15/13.
- 2013 Sepsis: A 2013 Update. Medical Grand Rounds, Maine Medical Center, 11/13/13.
- 2014 Sepsis: The First Six Hours. Grand Rounds, North Conway Memorial Hospital, 2/5/14.
- 2014 Sepsis: Time Sensitive Care. Maine Health Sepsis Symposium, Portland Maine, 4/9/14.
- 2014 High Value Healthcare Collaborative Sepsis Initiative. Maine Health Sepsis Symposium, Portland Maine, 4/9/14.
- 2014 Sepsis Improvement Initiative. High Value Healthcare Collaborative Spring Meeting, Washington, DC, 4/28/14.
- 2014 Accountable Care Organization Value Oversight Value Calculator. High Value Healthcare Collaborative Spring Meeting, Washington, DC, 4/29/14.
- 2014 Sepsis: Time Matters. Grand Rounds. Stephens Memorial Hospital, Norway, Maine, 5/20/14.
- 2014 Early Recognition and Prompt Treatment of Sepsis Impacts Post-Acute Care Outcomes. MaineHealth Learning Collaborative, 11/17/14.
- 2015 CHEST Clinical Practice Living Guidelines. Session Moderator. CHEST 2015 Annual Meeting, 10/26/2015.
- 2016 CHEST Clinical Practice Guidelines Update. Session Moderator. CHEST 2016 Annual Meeting, 10/24/16.
- 2016 CHEST Guidelines: Keeping Current, Keeping Connected. CHEST 2016 Annual Meeting, 10/24/16.