

## Curriculum Vitae

Charlene E. McEvoy, MD, MPH

### PROFESSIONAL ADDRESS

HealthPartners Pulmonary & Critical Care Division  
Investigator, HealthPartners Institute for Education and Research  
Assistant Professor of Medicine, University of Minnesota  
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### IDENTIFYING INFORMATION

### EDUCATION

DEGREE	INSTITUTION	DATE
B.A.	MARQUETTE UNIVERSITY, MILWAUKEE, WISCONSIN English Literature, Magna Cum Laude	1981
M.D.	University of Minnesota Medical School, Minneapolis, Minnesota	1986
M.P.H.	University of Minnesota School of Public Health, Minneapolis, Minnesota	1996
Residency, Internal Medicine	University of Minnesota Medical School, Minneapolis, Minnesota	1986 - 1989
Chief Medical Resident	Ramsey Medical Center, Saint Paul, Minnesota	1989 - 1990
Fellowship, Pulmonary & Critical Care Medicine	University of Minnesota Medical School, Minneapolis, Minnesota	1992 - 1995
Fellowship, Allergy	University of Minnesota Medical School, Minneapolis, Minnesota	1996 - 1997
Archibald Bush Medical Fellowship	Bush Foundation	2001 - 2003

### Certifications, Licenses

#### *Board Certifications*

American Board of Internal Medicine	1989 - present
Board Eligible in Critical Care Medicine	1994
Board Certified in Pulmonary Medicine	1994 - present
Board Certified in Sleep Medicine	2007 - present

#### *State Licenses*

Minnesota, License Number 32694 1986 - present  
Wisconsin, License Number 52229-20 2005 - present

### **Academic Appointments**

Assistant Professor of Medicine (Clinical Scholar Track) 2002 - present  
Division of Pulmonary, Allergy, Critical Care, & Sleep Medicine  
University of Minnesota Medical School, Minneapolis, Minnesota

Instructor, Division of Pulmonary and Critical Care Medicine, Department of  
Medicine, University of Minnesota Medical School, Minneapolis, Minnesota 1995 - 1997

### **Clinical/Hospital Appointments**

Clinical Instructor, Department of General Internal Medicine, 1990 - 1991  
Ramsey Medical Center, Saint Paul, Minnesota

Staff Physician, Therapeutics Division, 1991 - 1992  
VA Medical Center, Minneapolis, Minnesota

Staff Physician, Pulmonary Critical Care Associates, 1997 - 2001  
Saint Paul, Minnesota

Investigator, HealthPartners Institute for Education and Research, 2001- present  
HealthPartners, Bloomington, Minnesota

Staff Physician, Pulmonary Critical Care Department, 2002 - present  
Regions Hospital, Saint Paul, Minnesota

Medical Director, Hudson Hospital Sleep Lab 2008 - present  
Hudson, Wisconsin

Medical Director, Asthma Center 2011 - present  
HealthPartners Specialty Center  
Saint Paul, Minnesota

Department Head, Pulmonary and Sleep Medicine 2013 - 2015  
HealthPartners Medical Group  
Bloomington, Minnesota

Medical Director, Regions/HealthPartners Sleep Center 2013 - present  
Maplewood, Minnesota

Medical Director, Regions/HealthPartners Home Medical Equipment 2013 - present  
Saint Paul, Minnesota

### **Society Memberships**

American Academy of Sleep Medicine 2004 - present  
American College of Chest Physicians 1996 - present  
American Thoracic Society 1996 - present

## **HONORS AND AWARDS FOR RESEARCH, TEACHING, PUBLIC ENGAGEMENT, & SERVICE**

### **External Sources**

- Phi Beta Kappa, 1980
- Alpha Sigma Nu,
  - Jesuit University Honor Society recognizing service to the community, 1981
- University of Minnesota, School of Public Health ICR Research Award, 1995.
- Distinguished Residents & Fellows Asthma Education Scholarship Program Award, 1996
- American Lung Association Research Training Fellowship, 1994  
(Declined secondary to NIH Funding.)
- National Institute of Health Training Grant Recipient, 1994 – 1996
- Archibald Bush Medical Fellowship Award, 2001

### **University of Minnesota and Affiliates**

- Regions Hospital Research Excellence Award, 2013
- Minnesota Medical Foundation Research Grant, 1995
- Minnesota Medical Foundation Student Research Award, 1984
- Minnesota Medical Foundation Student Research Award, 1983

## **RESEARCH AND SCHOLARSHIP - (need to list in reverse chronological order and number)**

### **Grants and Contracts – External Sources**

1. Co- Investigator  
Beta-Blockers for the Prevention of Acute Exacerbations of COPD  
Multicenter, randomized, double-blind, placebo controlled study  
Department of Defense  
Clinical trial \$359,218.00  
5%
2. Co- Investigator  
Lung Nodule Surveillance Trial (Multicenter)  
PCORI – Patient Centered Outcomes Research  
\$698,530.00  
10%
3. Co- Investigator  
Imbio: Development of Personalized Smoking Cessation Tool Based on Patient Lung CT Image  
NIH: SF \$24 (R&R)  
\$36,245.00  
5%

4. Site -PI  
A Phase III, 52 week, randomized, double-blind, 3 arm parallel group study, comparing the efficacy, safety and tolerability of the fixed dose triple combination FF/UMEC/VI with the fixed dose dual combinations of FF/VI and UMEC/VI, all administered once daily in the morning via a dry powder inhaler in subjects with chronic obstructive pulmonary disease (IMPACT).  
Glaxo-Smith-Kline  
Clinical Trial, with capitated budget.
5. Co-Investigator  
James Crapo  
COPD Gene Renewal  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$219,580.00 to date 01-Jan-2013/31-present  
10%
6. Co- Investigator  
A Multicentre, Randomized, Double-blind, Parallel Group, Placebo-controlled, Phase III Efficacy and Safety Study of Benralizumab (MEDI-563) Added to High-dose Inhaled Corticosteroid Plus Long-acting  $\beta_2$  Agonist in Patients with Uncontrolled Asthma (SIROCCO) and (BORA – open label)  
AstraZeneca Pharmaceuticals, LP  
Clinical trial with capitated budget 2015-present  
5%
7. Co-Investigator  
Roberto Benzo  
Multicomponent Intervention to Decrease COPD-Related Hospitalizations  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$63,030 01-Dec-2013/30-Nov-2014  
15%
8. Adjudicator  
Kharbanda, Elyse O.  
Population Incidence of Narcolepsy in the United States - TO 2013-01  
Centers for Disease Control and Prevention/DHHS  
\$68,600 12-Jun-2013/11-Jun-2014  
10%
9. Co-Investigator  
James Crapo  
COPD Gene Renewal  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$219,580.00 to date 01-Jan-2013/31-present  
10%
10. Site -PI  
Retrospective Cohort Study of Readmissions Following a COPD Hospitalization (READ-COPD)  
Outcomes Science, Inc.  
Clinical trial with capitated budget 2012-2013  
5%

11. SAS115359 A Safety and Efficacy Study of Inhaled Fluticasone Propionate/Salmeterol Combination versus Inhaled Fluticasone Propionate in the Treatment of Adolescent and Adult Subjects with Asthma (AUSTRI TRIAL) GlaxoSmithKline  
Clinical trial with capitated budget/ 2012 – present  
5%
12. Site Principal Investigator  
A 24 Week Randomized Double-Blind Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of 18 MCG of Tiotropium Inhalation Capsules Administered By Handihaler® Once-Dailey Plus PRN Albuteral (Salbutamol) vs. Placebo Plus PRN Albuterol (Salbutamol) in Chronic Obstructive Pulmonary Disease Subjects Naïve to Maintenance Therapy (SPIRIVA)  
Pfizer Inc., U.S. Pharmaceuticals Group  
Clinical trial with capitated budget/ 2012 – present  
5%
13. Principal Investigator  
Effects of High-Dose N-Acetylcysteine on Respiratory Health Status in Patients with Chronic Obstructive Pulmonary Disease (COPD) and Chronic Bronchitis: A Randomized, Placebo-Controlled Trial (NAC Study)  
HealthPartners Institute of Education and Research  
\$25,000 01-Jul-2012/30-Jun-2014  
In-kind
14. MPH Project Mentor  
Pamela J. Neuenfeldt  
Effects of Music on Exercise Experience of Cardiac and Pulmonary Rehabilitation Participants (EMUSE)  
Regions: Pulmonary Department  
\$9,694 01-Jun-2012/05-May-2013  
In-kind
15. Co-Investigator  
Post-FDA approval Clinical Trial Evaluating Bronchial Thermoplasty in Severe Persistent Asthma (PAS2)  
Boston Scientific  
Clinical trial with capitated budget 2011-2020  
10%
16. Co-Investigator  
Asthma Safety Observational Study (ASSESS)  
RTI Health Solutions GlaxoSmithKline  
Yearly: \$68,488 01-July-2011/30-June-2013  
5%
17. Site Principal Investigator  
(SUMMIT) - A Clinical Outcomes Study to Compare the Effect of Fluticasone Furoate/Vilanterol Inhalation Powder 100/25mcg with Placebo on Survival in Subjects with Moderate Chronic Obstructive Pulmonary Disease (COPD) and a History of or at Risk for Cardiovascular Disease  
GlaxoSmithKline  
Clinical trial with capitated budget/ 2011-2015  
5%

18. Co-Investigator  
Roberto Benzo  
Multicomponent Intervention to Decrease COPD-Related Hospitalizations  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$140,000 Yearly 01-Dec-2010-30-Nov-2013
  
19. A Randomised, Active-Controlled, Double-Blind, Double-Dummy, Parallel Group Design, Multi-Center Trial to Compare the Efficacy and Safety of 2.5 µg and 5 µg Tiotropium Inhalation Solution Delivered by the Respimat® Inhaler with Tiotropium Inhalation Capsules 18 µg Delivered by the HandiHaler® (Tio TRIAL)  
Boehringer Ingelheim  
Clinical trial with capitated budget/ 2010  
5%
  
20. Co-Investigator  
Correlation of COPD blood and urine biomarkers with HRCT-defined phenotypes from the COPD-Gene patient cohort  
COPD Foundation  
Clinical trial with capitated budget/ 2010  
5%
  
21. Co-Investigator  
Longitudinal Follow-Up to (1 of 2) Genetic Epidemiology of COPD  
COPD Foundation  
Clinical trial with capitated budget 2010 – 2020  
5%
  
22. Co-Investigator  
Roberto Benzo  
Multicomponent Intervention to Decrease COPD-Related Hospitalizations  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$89,300 15-Dec-2009/30-Nov-2010
  
23. Co-Investigator  
COPD Research Network – Gerald Criner  
Prospective Randomized Placebo-Controlled Trial of SimvaSTAT in the Prevention of COPD Exacerbations (STATCOPE)  
National Heart, Lung, and Blood Institute/NIH/DHHS  
Clinical trial with capitated budget 2009 -2015  
10%
  
24. Site Principal Investigator  
A Randomized, Double-Blind, Controlled, Parallel Group, 12-Week Treatment Study to Compare Efficacy and Safety of the Combination of Indacaterol 150ug (micrograms) Once Daily with Open Label Tiotropium 12ug Once Daily Versus Open Label Tiotropium 18ug Once Daily in Patients with Moderate-to-Severe Chronic Obstructive Pulmonary Disease Novartis Foundation  
Clinical trial with capitated budget/2009-2011  
5%
  
25. Site Principal Investigator

Continued Access Treatment Protocol with the IBV Valve System for Severe Emphysema  
Spiration, Inc.  
Clinical trial with capitated budget/2008 to 2014  
5%

26. Co-Investigator

James Crapo  
Genetic Epidemiology of Chronic Obstructive Pulmonary Disease  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$341,750 27-Sep-2007/31-Jul-2012  
10%

27. Site Principal Investigator

Spiration IBV Valve Trial-Effectiveness of the IBV Valve System for the Treatment of Severe  
Emphysema  
Spiration, Inc.  
\$66,000 01-Jul-2007/30-Jun-2008  
5%

28. Co-Investigator

COPD Research Network – Prescott Woodruff  
Anti-Leukotriene Therapy for COPD Exacerbations  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$80,885 01-Mar-2007/30-Sep-2008  
5%

29. Co-Investigator

Mario Castro  
Safety and Effectiveness of the Alair@System for the Treatment  
Of Asthma: A Multicenter Randomized Clinical Trial (Asthma Intervention Research (AIR2 Trial))  
Protocol No. 04-02)  
Asthmatx, Inc.  
\$330,336 01-June-2006/01-Jan-2008  
10%

30. Site Principal Investigator

The AURA-Study – Effect of Roflumilast on Exacerbation Rate in Patients with COPD  
ALTANA Pharma AG  
\$97,170 01-Jun-2006/31-May-2007  
10%

31. Co-Investigator

COPD Research Network – Richard Albert  
Effect of Chronic Macrolide Administration on the Frequency and Severity of COPD Exacerbations  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$157,078 01-Aug-2005/31-Jul-2006  
10%

32. Principal Investigator

Pilot Study of Office Spirometry and Smoking Cessation in the Primary Care Setting  
HealthPartners Institute of Education and Research

\$25,000 01-Jul-2005/30-June-2006  
In-kind

33. Site Principal Investigator  
The Shine Study (Symbicort for COPD)  
Astra Zeneca Pharmaceuticals, LP  
\$37,437 21-Jul-2005/09-Sep-2007  
5%
34. Co-Investigator  
Chronic Obstructive Pulmonary Disease Patient Survey  
American Lung Association of Minnesota  
\$608 06-Apr-2005/05-Sep-2005  
In-kind
35. Co-Investigator  
Richard Casaburi, PI  
Benefits of Ambulatory Oxygen in Hypoxemic COPD Patients  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$26,028 01-Sept-2004/31-Aug-2005  
\$134,734 01-Aug-2004/31-Jul-2005  
5%
36. Principal Investigator  
Pilot Study of Sleep Disturbance and Lung Disease in Older Adults  
HealthPartners Institute of Education and Research  
\$24,991 01-Jul-2003/30-June-2004  
In-kind
37. Co-Investigator  
Drug Therapy for Preventing COPD Exacerbations  
National Heart, Lung, and Blood Institute/NIH/DHHS  
\$26,000 Yearly 01-July-2003/30-June-2009

### Peer-Reviewed Publications

1. Regan EA, Lynch DA, Curran-Everett D, Curtis JL, Austin JH, Grenier PA, Kauczor HU, Bailey WC, DeMeo DL, Casaburi RH, Friedman P, Van Beek EJ, Hokanson JE, Bowler RP, Beaty TH, Washko GR, Han MK, Kim V, Kim SS, Yagihashi K, Washington L, **McEvoy CE**, Tanner C, Mannino DM, Make BJ, Silverman EK, Crapo JD; Genetic Epidemiology of COPD (COPDGene) Investigators. Clinical and Radiologic Disease in Smokers With Normal Spirometry. *JAMA Intern Med.* 2015 Sep;175(9):1539-49. doi: 10.1001/jamainternmed.2015.2735. Erratum in: *JAMA Intern Med.* 2015 Sep;175(9):1588. Contribution, recruitment, analysis, writing and editing.
2. Geiger-Brown J, Scharf SM, Krachman S, **McEvoy CE**, Criner G. Sleep quality over time in patients with COPD. *Ann Am Thorac Soc.* In press.  
Contribution: Analysis, writing, editing  
Journal Impact factor: Not available  
Citation index: in press

3. Anderson LH, Whitebird RR, Schultz J, **McEvoy CE**, Kreitzer MJ, Gross CR. Health care utilization and costs in people with insomnia. *Am J Manag Care*. 2014 May; in press].  
Contribution: analysis, editing, writing  
Journal Impact factor: 2.738  
Citation index: recently published
4. Wechsler ME, Laviolette M, Rubin AS, Fiterman J, Lapa e Silva JR, Shah PL, Fiss E, Olivenstein R, Thomson NC, Niven RM, Pavord ID, Simoff M, Hales JB, **McEvoy CE**, Slebos DJ, Holmes M, Phillips MJ, Erzurum SC, Hanania NA, Sumino K, Kraft M, Cox G, Sterman DH, Hogarth K, Kline JN, Mansur AH, Louie BE, Leeds WM, Barbers RG, Austin JH, Shargill NS, Quiring J, Armstrong B, Castro M, Asthma Intervention Research 2 Trial Study Group. Bronchial thermoplasty: long-term safety and effectiveness in patients with severe persistent asthma. *J Allergy Clin Immunol*. 2011;132(6):129-302.  
Contribution: Analysis, editing,  
Journal Impact factor: 10.108  
Citation index: 2
5. Benzo R, Vickers K, Ernst D, Tucker S, **McEvoy CE**, Lorig K. Development and feasibility of a self-management intervention for chronic obstructive pulmonary disease delivered with motivational interviewing strategies. *J Cardiopulm Rehabil Prev*. 2013 Mar - Apr;33(2):113-123.  
Contribution: writing, editing  
Journal Impact factor: 1.757.  
Citation index: 3
6. Dransfield MT, Harnden S, Burton RL, Albert RK, Bailey WC, Casaburi R, Connett J, Cooper JA, Criner GJ, Curtis JL, Han MK, Make B, Marchetti N, Martinez FJ, **McEvoy CE**, Nahm MH, Niewoehner DE, Porszasz J, Reilly J, Scanlon PD, Scharf SM, Sciruba FC, Washko GR, Woodruff PG, Lazarus SC, NIH COPD Clinical Research Network. Long-term comparative immunogenicity of protein conjugate and free polysaccharide pneumococcal vaccines in chronic obstructive pulmonary disease. *Clin Infect Dis*. 2012;55(5):e35-44.  
Contribution: review, editing  
Journal Impact factor: 8.980  
Citation index: 5
7. Casaburi R, Porszasz J, Hecht A, Tieg B, Albert RK, Anthonisen NR, Bailey WC, Connett JE, Cooper JA Jr, Criner GJ, Curtis J, Dransfield M, Lazarus SC, Make B, Martinez FJ, **McEvoy CE**, Niewoehner DE, Reilly JJ, Scanlon P, Scharf SM, Sciruba FC, Woodruff P, COPD Clinical Research Network. Influence of lightweight ambulatory oxygen on oxygen use and activity patterns of COPD patients receiving long-term oxygen therapy. *COPD*. 2012;9(1):3-11.  
Contribution: analysis review, editing  
Journal Impact factor: 2.310  
Citation index: 8
8. Albert RK, Connett J, Bailey WC, Casaburi R, Cooper JA Jr, Criner GJ, Curtis JL, Dransfield MT, Han MK, Lazarus SC, Make B, Marchetti N, Martinez FJ, Madinger NE, **McEvoy CE**, Niewoehner DE, Porszasz J, Price CS, Reilly J, Scanlon PD, Sciruba FC, Scharf SM, Washko GR, Woodruff PG, Anthonisen NR, COPD Clinical Research Network. Azithromycin for prevention of exacerbations of COPD. *N Engl J Med*. 2011;365(8):689-698.  
Contribution: analysis review, editing  
Journal Impact factor: 50.807  
Citation index: 169

9. Woodruff PG, Albert RK, Bailey WC, Casaburi R, Connett JE, Cooper JA Jr, Criner GJ, Curtis JL, Dransfield MT, Han MK, Harnden SM, Kim V, Marchetti N, Martinez FJ, **McEvoy CE**, Niewoehner DE, Reilly JJ, Rice K, Scanlon PD, Scharf SM, Scirba FC, Washko GR, Lazarus SC, COPD Clinical Research Network. Randomized trial of zileuton for treatment of COPD exacerbations requiring hospitalization [article cited 7 times]. *COPD*. 2011 Feb;8(1):21-9.  
 Contribution: review and editing  
 Journal Impact factor: 2.310  
 Citation index: 7
10. Castro M, Rubin AS, Laviolette M, Fiterman J, De Andrade Lima M, Shah PL, Fiss E, Olivenstein R, Thomson NC, Niven RM, Pavord ID, Simoff M, Duhamel DR, **McEvoy CE**, Barbers R, Ten Hacken NH, Wechsler ME, Holmes M, Phillips MJ, Erzurum S, Lunn W, Israel E, Jarjour N, Kraft M, Shargill NS, Quiring J, Berry SM, Cox G, AIR2 Trial Study Group. Effectiveness and safety of bronchial thermoplasty in the treatment of severe asthma: a multicenter, randomized, double-blind, sham-controlled clinical trial. *Am J Respir Crit Care Med*. 2010;181(2):116-124.  
 Contribution: analysis review, editing  
 Journal Impact factor: 10.919  
 Citation index: 112
11. **McEvoy CE**, Woodruff N. Bronchial thermoplasty for asthma: changing the landscape for future treatment. *Advance for Managers of Respiratory Care*. 2007;16(8):22-25.  
 Contribution: writing  
 Journal Impact factor: Not available  
 Citation index: not available
12. **McEvoy CE**, Ensrud KE, Bender E, Genant HK, Yu W, Griffith JM, Niewoehner DE. Association between corticosteroid use and vertebral fractures in older men with chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 1998;157( V 3 Pt 1):704-709.  
 Contribution: study design, recruitment, analysis, writing, editing  
 Journal Impact factor: 10.919  
 Citation index: 145
13. **McEvoy CE**, Niewoehner DE. Adverse effects of corticosteroid therapy for COPD. A critical review. *Chest*. 1997;111(3):732-743.  
 Contribution: Writing and editing  
 Journal Impact factor: 6.420  
 Citation index: 71

### Non-Peer-Reviewed Publications

1. **McEvoy CE**, Kerestes GP, Yawn BP, Schneider R, Youngman CA, Larson S, Anderson BM, Mickman JK, Hanson M, Retzer K, Diagnosis and management of chronic obstructive pulmonary disease (COPD) (health care guideline). 8th ed. Minneapolis, MN: Institute for Clinical Systems Improvement (ICSI); Mar 2011.

### Articles Submitted for Publication

1. Correlates and prognostic significance of sleep quality in patients with COPD  
Jeanne Geiger-Brown PhD RN<sup>1</sup>, Samuel Krachman MD<sup>2</sup>, **Charlene McEvoy MD, MPH<sup>3</sup>**,  
Gerard J. Criner MD<sup>2</sup>, Sarah Lindberg (Harnden) MPH,<sup>4</sup> Steven M. Scharf MD PhD<sup>5</sup> for the  
COPD Clinical Research Network

#### **Chapter in Books**

1. **McEvoy CE**, Niewoehner DE. Corticosteroids in chronic obstructive pulmonary disease. Clinical benefits and risks. *Clin Chest Med.* 2000;21(4):739-752.  
Contribution: writing, editing  
Journal Impact factor: 2.749.  
Citation index: 13

#### **Invited Oral Presentations at Local and Regional Professional Meetings or Conferences**

1. COPD Management, \
  - o Regions Grand Rounds, 2004
  - o Saint Paul, MN
2. Women and Sleep: An Overview,
  - o Minnesota Sleep Society Meeting, 2005
  - o Minneapolis, MN
3. An Approach to Refractory Asthma,
  - o HealthPartners CME course, 2006
  - o Saint Paul MN
4. Exercise and Asthma
  - o Minnesota Medical Association Meeting, 2006
  - o Cancun, Mexico
5. GERD and Asthma
  - o HealthPartners CME course, 2007
  - o Saint Paul, MN
6. The Science of Environmental Tobacco Smoke,
  - o Minnesota Tobacco Free Alliance, 2008
  - o Minneapolis, MN
  - o
7. COPD: Diagnosis and Management,
  - o American Lung Association of Minnesota COPD Workshop, 2009, 2010
  - o
8. Loosing Sleep Over It: Obstructive Sleep Apnea
  - o HealthPartners Institute of Medical Education, 2009
  - o Bloomington, MN
9. COPD Update, Forever Young: Baby Boomers Come of Age,
  - o HealthPartners Institute of Medical Education, 2010
  - o Minneapolis, MN

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- 10. Spirometry in Primary Care,
  - University of MN, Department of Family Practice, CME, 2010, 2011
  - Minneapolis, MN
  -
- 11. Management of COPD,
  - American Lung Association of MN, COPD Managers Conference, 2013
  - Bloomington, MN
- 12. The Promise of Sleep,
  - World Professional Leadership Meeting, February, 2013
  - Minneapolis, MN
  -
- 13. Bronchial Thermoplasty: Translating Research into Medical Practice,
  - Minnesota Department of Health, Asthma Alliance Meeting, July, 2013
  - Minneapolis, MN
- 14. Corticosteroids in COPD: clinical benefits and risks.
  - Everett Karon Pulmonary Disease Conference, April 2003
  - United Hospital, Saint Paul, MN

#### **Peer-Reviewed Oral Presentations at International Professional Meetings and Conferences**

1. **McEvoy CE**, Martinson BC, Haus E, Sackett-Lundeen LL, Defor TA, Kenny JA. Pilot study of sleep disturbance and lung disease in older adults. American Thoracic Society International Conference, New Orleans, LA, May 2010. Abstract published in *Am J Respir Crit Care Med.* 2010;181(1):A6519.
2. Shah PL, Fiterman J, **McEvoy CE**, Erzurum S. Safety of bronchial thermoplasty (BT) in patients with severe, symptomatic asthma: positive safety profile in the AIR2 trial. American Thoracic Society International Conference, San Diego, CA, May 2009. Abstract published in *Am J Respir Crit Care Med.* 2009;179:A2814.
3. **McEvoy CE**. Pilot study of office spirometry and smoking cessation in the primary care setting. American Thoracic Society International Conference, San Francisco, CA, May 2007. Abstract published in *Am J Respir Crit Care Med.* 2007;175:
4. **McEvoy CE**, Drury D, Daniels LR, Blumenthal MN. Heterogeneity of associated asthma phenotypes in extended families. American Thoracic Society International Conference, San Francisco, CA, May 1997. Abstract published in *Am J Respir Crit Care Med.* 1997;155:
5. **McEvoy CE**, Ensrud KE, Bender E, Genant HK, Yu W, Griffith JM, Niewoehner DE. Association of corticosteroid use with vertebral fractures and back pain in older men with obstructive lung disease. American Thoracic Society International Conference, May 1996. Abstract published in *Am J Respir Crit Care Med.* 1996;153:A456
6. **McEvoy CE**, Duane PG. Cost, resource utilization, and outcome of respiratory failure in patients requiring mechanical ventilation. American Thoracic Society International Conference, May 1994. Abstract published in *Am J Respir Crit Care Med.* 1994;149:A488.

7. **McEvoy CE**, Burke WC, Adams AB, Marcy TW, Marini JJ. Comparison of techniques for determining airway resistance during mechanical ventilation. World Conference on Lung Health, Boston, MA, 1990.
  8. Marcy TW, Burke WC, Adams AB, **McEvoy CE**, Crooke PS, Marini JJ. Mean alveolar pressure is higher during ventilation with constant pressure than with constant flow or sinusoidal flow wave forms. World Conference on Lung Health, Boston, MA, 1990.
  9. Burke WC, **McEvoy CE**, Adams AB, Marcy TW, Crooke PS, Marini JJ. Prediction of ventilatory outcome during pressure controlled ventilation. World Conference on Lung Health, Boston, MA, 1990.
  10. **McEvoy CE**, Rich SS, Drury D, Daniels LR, Blumenthal MN. Epidemiology of asthma phenotype in extended families. Academy of Allergy, Asthma and Immunology, International Meeting, 197 Abstract published in *J Allergy Clin Immun.* 1997;99:A1581.
1. Neuenfeldt PJ, Anderson CP, Linde JA, **McEvoy CE**. Effects of music on exercise experience of cardiac and pulmonary rehabilitation participants. HealthPartners Celebration of Education and Research Annual Conference, Minneapolis, MN, September 2013.
  2. Whitebird RR, Anderson LR, Schultz J, **McEvoy CE**, Kreitzer MJ, Gross CR. Health care costs and utilization in patients with insomnia: higher medical expenses and declining health often follow treatment. HMO Research Network 19th Annual Conference: Advancing Research in the Era of Healthcare Reform, San Francisco, CA, April 2013.
  3. **McEvoy CE**, Nelson WW. Osteoporosis prevention and treatment in patients requiring prolonged glucocorticosteroid therapy. HealthPartners Celebration of Research Annual Conference, Saint Paul, MN, September 2006.
  4. **McEvoy CE**, McCarty MC, Crytrynowicz S, Asche SE, Bourassa CA, Solberg LI. Pilot study of office spirometry and smoking cessation in the primary care setting. HealthPartners Celebration of Research Annual Conference, Saint Paul, MN, September 2006.

## **TEACHING AND CURRICULUM DEVELOPMENT**

### **Courses/Lectures Taught at University of Minnesota and Regions Hospital**

- Asthma Pathophysiology Lecture, University of Minnesota Medical School, 2006 - present
- Asthma and COPD Resident and Fellow Lecture Series, Regions Hospital, 2002 - present
- Asthma Pathophysiology Small Group Instructor, University of Minnesota Medical School, 1996-2006

### **Curriculum Development**

- Asthma Pathophysiology Lecture and syllabus, 2009- present
- Regions Pulmonary Clinical Outpatient Rotation 2004-present
- Regions Sleep Clinical Outpatient Rotation 2004- present
- Multidisciplinary Interstitial Lung Disease Conference 2013-present
- HealthPartners Asthma Center

- I am only faculty member with a focus on asthma in the Pulmonary/Critical Care fellowship program. I have developed a multidisciplinary clinical approach to the severe asthmatic patient that includes Allergy, Ears, Nose Throat, Gastroenterology, Sleep, and Speech Therapy specialists to address all the complicating co-morbidities seen in severe asthmatic patients.

### **Collaborative Efforts and Activities**

- Multidisciplinary Interstitial Lung Disease Conference 2013-present  
I direct and founded this bi-monthly conference that includes Radiology, Pathology, Pulmonary and Rheumatology.

### **Faculty Development Activities regarding teaching**

- HealthPartners Institute for Education and Research Medical Education Workshop, 2007

### **Continuing Medical Education**

1. Corticosteroids in COPD: clinical benefits and risks.
  - Everett Karon Pulmonary Disease Conference, April 2003
  - United Hospital, Saint Paul, MN
2. Women and Sleep: An Overview,
  - Minnesota Sleep Society Meeting, 2005
  - Minneapolis, MN
3. An Approach to Refractory Asthma,
  - HealthPartners CME course, 2006
  - Saint Paul MN
4. Exercise and Asthma
  - Minnesota Medical Association Meeting, 2006
  - Cancun, Mexico
5. GERD and Asthma
  - HealthPartners CME course, 2007
  - Saint Paul, MN
6. COPD: Diagnosis and Management,
  - American Lung Association of Minnesota COPD Workshop, 2009, 2010
  -
7. Loosing Sleep Over It: Obstructive Sleep Apnea
  - HealthPartners Institute of Medical Education, 2009
  - Bloomington, MN
8. COPD Update, Forever Young: Baby Boomers Come of Age,
  - HealthPartners Institute of Medical Education, 2010
  - Minneapolis, MN
9. Management of COPD,
  - American Lung Association of MN, COPD Managers Conference, 2013
  - Bloomington, MN

- Spirometry in Primary Care,
- University of MN, Department of Family Practice, CME, 2010, 2011
- Minneapolis, MN

10. Bronchial Thermoplasty: Translating Research into Medical Practice,

- Minnesota Department of Health, Asthma Alliance Meeting, July, 2013
- Minneapolis, MN

## **ADVISING AND MENTORING**

### **Graduate Student Activities**

#### Master's Theses Directed

*Pamela J. Neuenfeldt, MPH*, Effects of music on exercise experience of cardiac and pulmonary rehabilitation participants. 2013

#### Master's Student Advisees

*Pamela J. Neuenfeldt* 2009 - 2013

### **Post-Doctoral Fellows Supervised**

#### ***Pulmonary Fellows – Clinical Mentorship***

- Jeffrey Kinney, MD, 2008-2010
- Sonja Bjerk, MD, 2010-2012
- Grover Gureet, MD, 2010-2012
- Joseph Kinney, MD 2012-2014
- Melissa McClure, MD, 2012-2014

#### ***Pulmonary and Sleep Medicine Fellows – Research Mentorship***

- Jeffrey Kinney, MD, Pulmonary fellow 2008-2010
- Helena Molero, MD, Sleep Medicine fellow, 2013-2014

## **CLINICAL SERVICE**

### **Clinical Leadership Accomplishments**

- Developed HealthPartners Asthma Center, 2010 - present  
Conceptualized and direct multidisciplinary asthma team to provide timely evaluation and treatment for severe asthmatics.
- HealthPartners, Asthma Expert Panel Steering Committee, 2011-2013  
HealthPartners Asthma Expert Panel was developed to support primary care in the diagnosis and treatment of asthma via enhancements of the Electronic Health Record and education.
- Chair, Asthma Expert Panel 2013 –Present

Provide leadership in support of providing optimal asthma care at HealthPartners and to meet Minnesota Community measures.

- Medical Director, Minnesota Respiratory Therapist Alliance, 2010- present  
Provide education and support to Respiratory Therapy professionals in out community.

### **Quality Improvement Projects**

- Minnesota Department of Health, Asthma Mortality Data Review, Asthma Deaths in Older Minnesotans – surveillance/public health, 2007.

***Project Goal: To adjudicate cause of death.***

***Outcomes:*** MDH Asthma Mortality Review; Brunner WM, Ross SK, Johnson JE. Review of the asthma mortality rate for Minnesota residents aged 55 years or older, 2004-2005: when death certificates deserve a second look. *Prev Chronic Dis.* 2009 Jul;6(3):A92.  
[http://www.cdc.gov/pcd/issues/2009/jul/08\\_0154.htm](http://www.cdc.gov/pcd/issues/2009/jul/08_0154.htm)

- Lead HealthPartners Pulmonary/Sleep Clinical Improvement (Care Model Process) – ongoing
  - HealthPartners Specialty Center
  - Saint Paul, MN
- Lead, ICD-10 implementation HealthPartners
  - HealthPartners Specialty Center
  - Saint Paul, MN

### **Clinical Service Responsibilities**

8 half-day outpatient clinics per week,

- HealthPartners Specialty Clinic, Saint Paul, MN 2002-present
- Hudson Hospital Specialty Clinic, Hudson, WI 2008 -present
- Regions Sleep Center, Maplewood, MN 2007 – present

### **PROFESSIONAL SERVICE AND PUBLIC OUTREACH**

#### **Service to the Discipline and Profession**

- Director, East-Metro Medical Foundation, 2000 - 2011
- Director, East-Metro Medical Society, 1997 - 2004
- Representative at Large, Executive Committee Member, Ramsey Medical Society, 1998 - 2010
- Co-convenor, Data Monitoring and Analysis Group, Twin City Metro Asthma Coalition, 2000
- Steering Committee Member, COPD Coalition, American Lung Association, MN, 2007 - present
- Working Group Chair, ICSI guidelines for COPD, 2009 and 2011
- Coordinated and authored COPD Program admission order set for Regions Hospitalist Program 2013
  - Multidisciplinary program including Hospitalists, Respiratory Therapy, Palliative Care and Pulmonary Medicine

#### **Community Outreach and Service**

### ***Leadership***

- President, Minnesota Boat Club, Saint Paul, MN 1991- present
- Co-Chair, Mounds Park Academy Annual Fund Campaign, Maplewood, MN 2011 - 2012
- Founder, Chair, Minnesota Rowing Classic – Pull Together For Leukemia, 1990 - 1998.
  - Raised approximately \$90,000 for the Minnesota Medical Foundation to be used for leukemia research.
- Chair, 1995 US Rowing Masters National Championships. Raised \$105,000 budget and coordinated national event.

### ***Board Memberships***

- Star Swim Team, Saint Paul, MN, 2013 - present
- Wilderness Inquiry, Minneapolis, MN, 2012 - present
- Saint Paul Conservatory of Music, Saint Paul, MN 2009 - present
- Minnesota Boat Club, Saint Paul, MN 1992 - present
- The Schubert Club, Saint Paul, MN 2000 - 2009