

CURRICULUM VITAE  
The Johns Hopkins University School of Medicine

Grace W. Pien, M.S., M.S.C.E.

Prepared 15 March 2015

**DEMOGRAPHIC INFORMATION**

**Current Appointments**

2013-present	Assistant Professor of Medicine, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Johns Hopkins University School of Medicine
2013-present	Staff, full-time. The Johns Hopkins Hospital, Baltimore, MD
2013-present	Staff, full-time. Johns Hopkins Bayview Hospital, Baltimore, MD

**Personal Data**

Business Address:	Division of Pulmonary and Critical Care Medicine Johns Hopkins University School of Medicine Johns Hopkins Allergy and Asthma Center, Rm 5B 77 5501 Hopkins Bayview Circle Baltimore, MD 21224
Phone	410-550-2512
Fax	443-287-3312
E-mail	<a href="mailto:gpien1@jhmi.edu">gpien1@jhmi.edu</a>

**Education and Training**

1990	A.B.	Biology, Harvard University, Cambridge, MA
1994	M.D.	Columbia University College of Physicians and Surgeons, New York, NY
2004	M.S.C.E.	Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, Philadelphia, PA
1994-1995	Internship	Residency Program in Medicine, Boston University School of Medicine
1995-1997	Residency	Residency Program in Medicine, Boston University School of Medicine
1998-1999	Clinical Fellowship	Pulmonary, Allergy and Critical Care Division, Hospital of the University of Pennsylvania
2000-2001	Research Fellowship	Center for Sleep and Respiratory Neurobiology, University of Pennsylvania School of Medicine

**Professional Experience**

1997-1998	Hospitalist, Jordan Hospital, Plymouth, MA
2000-2001	Courtesy Staff, Brandywine Hospital, Coatesville, PA
2001-2002	Courtesy Staff, Veterans Administration Medical Center, Philadelphia, PA
2002-2005	Instructor in Medicine, Divisions of Sleep Medicine and Pulmonary, Allergy and Critical Care Medicine, Department of Medicine, University of Pennsylvania School of Medicine
2002-2010	Attending Physician, Penn Presbyterian Medical Center, Philadelphia, PA
2005-2012	Assistant Professor of Medicine, Divisions of Sleep Medicine and Pulmonary, Allergy and Critical Care Medicine, Department of Medicine, University of Pennsylvania School of Medicine
2002-2012	Attending Physician, Hospital of the University of Pennsylvania, Philadelphia, PA
2013-present	Assistant Professor of Medicine, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Johns Hopkins University School of Medicine

## RESEARCH ACTIVITIES

### Peer Reviewed Original Science Publications

1. **Pien GW**, Gant MJ, Washam CL, Sterman DH: Use of an implantable pleural catheter for "trapped lung" syndrome in patients with malignant pleural effusion. Chest 119: 1641-1646, 2001.
2. **Pien GW**, Fife D, Pack AI, Nkwuo JE, Schwab RJ: Changes in symptoms of sleep-disordered breathing during pregnancy. Sleep 28(10): 1299-1305, 2005.
3. Freeman EW, Sammel MD, Lin H, Gracia CR, **Pien GW**, Nelson DB, Sheng L: Symptoms associated with menopausal transition and reproductive hormones in midlife women. Obstetrics & Gynecology 110: 230-240, 2007.
4. Gopal M, Sammel MD, **Pien G**, Gracia C, Freeman EW, Lin H, Arya L: Investigating the associations between nocturia and sleep disorders in perimenopausal women. The Journal of Urology 180(5): 2063-2067, 2008.
5. **Pien GW**, Sammel MD, Freeman EW, Lin H, DeBlasis TL: Predictors of sleep quality in women in the menopausal transition. Sleep 31(7): 991-999, 2008.
6. Ye L, **Pien GW**, Ratcliffe SJ, Weaver TE: Gender differences in obstructive sleep apnea and treatment response to continuous positive airway pressure. Journal of Clinical Sleep Medicine 5(6): 512-518, 2009.
7. Ye L, **Pien GW**, Weaver TE: Gender differences in the clinical manifestation of obstructive sleep apnea. Journal of Clinical Sleep Medicine 10(10): 1075-1084, 2009.
8. Wewers ME, Bailey WC, Carlsen K, Eisner MD, Folan P, Heath J, Klinnert MD, Kovesi T, **Pien GW**, Reichart VC, Talwar A, Thompson K: An official American Thoracic Society workshop report: tobacco control initiatives within the American Thoracic Society. Proceedings of the American Thoracic Society 7(1): 1-7, 2010.
9. Chang JJ, Salas J, Habicht K, **Pien GW**, Stamatakis KA, Brownson RC: The association of sleep duration and depressive symptoms in rural communities of southeastern Missouri, Tennessee and Arkansas. Journal of Rural Health 28(3): 268-276, 2011.
10. Sareli AE, Cantor CR, Williams NN, Korus G, Raper SE, **Pien G**, Hurley S, Maislin G, Schwab RJ: Obstructive sleep apnea in patients undergoing bariatric surgery-a tertiary center experience. Obesity Surgery 21(3): 316-327, 2011.
11. Grandner MA, Martin JL, Patel NP, Jackson NJ, Gehrman PR, **Pien GW**, Perlis ML, Xie D, Sha D, Weaver T, Gooneratne NS: Age and sleep disturbances among American men and women: data from the US behavioral risk factor surveillance system. Sleep, 35(3): 395-406, 2012.
12. Chang JJ, **Pien GW**, Stamatakis KA, Brownson RC: Association between physical activity and insomnia symptoms in rural communities of southeastern Missouri, Tennessee, and Arkansas. Journal of Rural Health. DOI: 10.1111/j.1748-0361.2012.00447.x, 2012.
13. Gurubhagavatula I, Fields BG, Morales CR, Hurley S, **Pien GW**, Wick LC, Staley BA, Townsend RR, Maislin G: Screening for severe obstructive sleep apnea syndrome in hypertensive outpatients. Journal of Clinical Hypertension. DOI: 10.1111/jch.12073, 2012.
14. Izi Balsarak I, Jackson N, Ratcliffe SJ, Pack AI, **Pien GW**. Sleep-disordered breathing and daytime napping are associated with maternal hyperglycemia. Sleep Breath. DOI: 10.1007/s11325-013-0809-4, 2013.
15. Malhotra A, Younes M, Kuna ST, Benca R, Kushida CA, Walsh J, Hanlon A, Staley B, Pack AI, **Pien GW**. Performance of an automated polysomnography scoring system versus computer-assisted manual scoring. Sleep. 36(4): 573-82, 2013. DOI: 10.5665/sleep.2548.
16. Kuna ST, Benca R, Kushida CA, Walsh J, Younes M, Staley B, Hanlon A, Pack AI, **Pien GW**, Malhotra A. Agreement in computer-assisted manual scoring of polysomnograms across sleep centers. Sleep. 36(4): 583-9, 2013. DOI: 10.5665/sleep.2550.
17. Herring SJ, Foster GD, **Pien GW**, Massa K, Nelson DB, Gehrman PR, Davey A. Do pregnant women accurately report sleep time? A comparison between self-reported and objective measures of sleep duration in pregnancy among a sample of urban mothers. Sleep Breath. 17(4):1323-7. DOI: 10.1007/s11325-013-0835-2, 2013.
18. Herring SJ, Nelson DB, **Pien GW**, Homko C, Goetzl LM, Davey A, Foster GD. (2014) Objectively-measured sleep duration and hyperglycemia in pregnancy. Sleep Medicine. 15(1): 51-5. DOI: 10.1016/j.sleep.2013.07.018.
19. Senapati S, Gracia CR, Freeman EW, Sammel MD, Lin H, Kim C, Schwab RJ, **Pien GW**. (2014) Hormone variations associated with quantitative fat measures in the menopausal transition. Climacteric. 17(2):183-90. DOI: 10.3109/13697137.2013.845876.
20. Izi-Balsarak B, **Pien GW**. (2014) The relationship and potential mechanistic pathways between sleep disturbances and maternal hyperglycemia. Current Diabetes Reports. 14(2):459. DOI: 10.1007/s11892-013-0459-8.

21. **Pien GW**, Pack AI, Jackson N, Maislin G, Macones G, Schwab RJ. (2014) Risk factors for obstructive sleep apnea in pregnancy and relationship between sleep apnea. Thorax. 69(4): 371-7. DOI: 10.1136/thoraxjnl-2012-202718.
22. Ye L, **Pien GW**, Ratcliffe SJ, Björnsdóttir E, Arnardóttir E, Pack AI, Benediktsdóttir B, Gislason T. (2014) The different clinical faces of obstructive sleep apnea: a cluster analysis. Eur Respir J. 44(6):1600-7. DOI: 10.1183/09031936.00032314.
23. Freeman EW, Sammel MD, Gross SA, **Pien GW**. Poor sleep in relation to natural menopause: a population-based 14-year follow-up of midlife women. Menopause. Published ahead of print, 2014 Dec 29. DOI: 10.1097/gme.0000000000000392.
24. Facco FL, Parker CB, Reddy UM, Silver RM, Louis JM, Basner RC, Chung JH, Schubert FP, **Pien GW**, Redline S, Mobley DR, Koch MA, Simhan HN, Nhan-Chang CL, Parry S, Grobman WA, Haas DM, Wing DA, Mercer BM, Saade GR, Zee PC. NuMoM2b Sleep-Disordered Breathing study: objectives and methods. Am J Obstet Gynecol. Published ahead of print 2015 Mar 3, DOI: 10.1016/j.ajog.2015.01.021.
25. (b) (4) **Pien GW**, (b) (4) Accepted for publication 2015 March 24.

**Inventions, Patents, Copyrights**  
Not applicable.

**Extramural Sponsorship** (current, pending, previous)

**Current Grants:**

- |                                     |   |
|-------------------------------------|---|
| 7/7/14-6/30/19                      | Maternal Sleep and Sleep Disturbance in Relation to the Developing Fetus.<br>R01HD079411<br>NIH/NICHD<br>Principal Investigator: Janet DiPietro                                   |
| 09/01/12-8/31/15                    | The Influence of Postpartum Sleep Duration on Adiposity and Cardiometabolic Risk Factors in Urban, Low Income Mothers<br>Doris Duke Foundation<br>Principal Investigator: (b) (4) |
| <br>                                |   |
| <b>Previous</b>                     |   |
| 04/05/12-3/31/14                    | Sleep-Related Determinants of Gestational Diabetes<br>K99NR013187<br>NIH/NINR<br>Principal Investigator: Bilgay Izci-Balserak   |
| 06/01/10-11/30/12                   | Sleep Duration during Pregnancy and the Risk of Postpartum Depression<br>K01MH085976<br>NIH/NIMH<br>Principal Investigator: Jen Jen Chang   |
| 09/05/06-07/31/11<br>(NCE 7/31/12)  | Mechanisms of Sleep-Disordered Breathing in the Menopausal Transition<br>R01HL085695<br>NIH/NHLBI<br>Principal Investigator: Grace W. Pien  |
| 07/01/09-06/30/11<br>(NCE 6/30/12)  | Mechanisms of Sleep-Disordered Breathing in the Menopausal Transition<br>R01HL085695/ARRA Supplement<br>NIH/NHLBI<br>Principal Investigator: Grace W. Pien                        |
| 12/01/01-11/30/06<br>(NCE 11/30/07) | Longitudinal Study of Sleep-Disordered Breathing and Pregnancy<br>K23HD041465<br>NIH/NICHD  |

Principal Investigator: Grace W. Pien

01/01/02-12/31/06      Longitudinal Study of Sleep-Disordered Breathing in Pregnancy  
0230190N  
Principal Investigator: Grace W. Pien

### Research Program Building / Leadership

Not applicable.

## EDUCATIONAL ACTIVITIES

### Educational Publications

#### Peer Reviewed Publications

1. **Pien GW**, Schwab RJ: Sleep disorders during pregnancy. Sleep 27(7): 1405-1417, 2004.
2. Chang JJ, **Pien GW**, Duntley SP, Macones GA: Sleep deprivation during pregnancy and maternal and fetal outcomes: is there a relationship? Sleep Medicine Reviews 14(2): 107-114, 2010.
3. **Pien GW**, Szymusiak R, Ryden AM, Avidan AY, Stansbury RC, Strollo PJ Jr, Fields BG, Rosen IM, Strohl KP. ATS Core Curriculum 2014: part III. Adult sleep medicine. Annals Am Thorac Soc. 11(9): 1480-7, 2014. DOI: 10.1513/AnnalsATS.201408-356CME.

#### Invited Review Articles

1. Pack AI, **Pien GW**: Update on sleep and its disorders. Annual Review of Medicine 62(24): 1-24, 2010.
2. Izci-Balserak B, **Pien GW**: Sleep-disordered breathing and pregnancy: potential mechanisms and evidence for maternal and fetal morbidity. Current Opinion in Pulmonary Medicine 16(6): 574-582, 2010.

#### Editorials

1. Pack AI, **Pien GW**: How much do crashes related to obstructive sleep apnea cost? Sleep 27(3): 369-370, 2004.
2. Pack AI, Platt AB, **Pien GW**: Does untreated obstructive sleep apnea lead to death? A commentary on Young et al. Sleep 2008;31:1071-8 and Marshall et al. Sleep 2008;31:1079-85. Sleep 31(8): 1067-1068, 2008.

#### Letters, correspondence

1. Forman L, Kawut S, Rosen I, **Pien G**, Bogner H: The impact of diagnosis of hepatitis C virus on quality of life. Hepatology 31(4): 1029-1030, 2000 Notes: Letter.

#### Book Chapters, Monographs

1. Geller LN, Kobierski L, Honegger HW, **Pien G**, Potter H, Kravitz EA: Isolating developmentally important genes from the lobster nervous system. Crustacean Pioneer Systems in Neurobiology 1989.
2. **Pien GW**: Menstrual-related sleep disorders. Encyclopedia of Sleep Medicine. Chiong TL (eds.). Indianapolis: Wiley & Sons, Page: 637-641, 2006.
3. **Pien GW**, Veasey SC: Obstructive sleep apnea and menopause. Sleep Disorders in Women: A Guide for Practical Management. Attarian H (eds.). Totowa, NJ: Humana Press, Page: 251-262, 2006.
4. **Pien GW**, Pack AI: Sleep-Disordered Breathing. In: Murray and Nadel's Textbook of Respiratory Medicine. Mason RJ, Broaddus VC (eds.). WB Saunders, 2010.
5. **Pien GW**, Collop N, Phillips B: Sleep therapy for women's health. Therapy in Sleep Medicine: Expert Consult. Barkoukis TJ, Matheson JK, Sheldon SH (eds.). 2011.
6. **Pien GW**: Sleep apnea in pregnancy and effect of menopause. Sleep Apnea: Pathogenesis, Diagnosis and Treatment. Pack AI (eds.). Informa Healthcare, 2012.
7. Gooneratne NS, **Pien GW**, Gurubhagavatula I: Sleep-related breathing disorders in the elderly. Encyclopedia of Sleep. Kushida CA (eds.), 2013.
8. **Pien GW**, Veasey SC: Obstructive sleep apnea and menopause. Sleep Disorders in Women: A Guide for Practical Management. Attarian HP, Viola-Saltzman M (eds.). Totowa, NJ: Humana Press, 2013.
9. **Pien GW**, Rosen IM, Fields BG. Sleep apnea syndromes: central and obstructive. Fishman's Pulmonary Disease and Disorders. Grippi M, Elias J, Fishman J, Kotloff R, Pack A, Senior R, eds. Fishman's Pulmonary Diseases and Disorders, 5th ed. New York: McGraw-Hill, 2015.

## Other media

1. Ofer D, **Pien GW**: A young boy with starting episodes and snoring. Sleep Fragments, American Thoracic Society [online] 2009 [accessed 2010 November 5] Notes: Available from: <http://www.thoracic.org/clinical/sleep/sleep-fragment/pages/young-boy-with-starting-episodes-and-snoring.php>.
2. Louis J, **Pien GW**: Obstructive sleep apnea in pregnancy. UpToDate, Basow DS (Ed), UpToDate, Waltham, MA, 2011. Notes: online.

## Teaching

### Classroom instruction

- |           |  |
|-----------|--|
| 2001-2006 | Summer Epidemiology Series for Residents, Department of Medicine, HUP: "Cohort Studies", "Case-Control Studies, "Introduction to Epidemiology" |
| 2002-2012 | Sleep Core Lecture Series, Sleep Medicine and Pulmonary, Critical Care & Allergy Divisions: "Basic Sleep Study Interpretation"                 |
| 2003      | Sleep Lecture Series, Division of Sleep Medicine: "Effect of the Menopause Transition on Sleep and Sleep-Disordered Breathing"                 |
| 2003-2012 | Sleep Medicine Review sessions for the Pulmonary Boards  |
| 2005-2012 | Frontiers in Medical Science (Sleep), School of Medicine: "Sleep Issues and Disorders in Women" and "Delayed Sleep Phase Syndrome"             |
| 2005-2011 | Workshop Leader, "Hypersomnolence and Hypoventilation", Pulmonary module (2nd year medical students)   |
| 2009      | Internal Medicine Residency Journal Club, "Bias and Confounding"   |
| 2012      | "Obstructive Sleep Apnea Syndrome: Review and Updates," Penn Family Practice Lecture Series  |

### Other

- |      |  |
|------|--|
| 2014 | Speaker, Johns Hopkins Medicine: A Woman's Journey 20 <sup>th</sup> Annual Conference. "The Difference a 'Y' Makes: Sex Differences in Sleep Disorders." Baltimore, MD |
| 2003 | Sadie Tanner Mossell Alexander University of Pennsylvania Partnership School: "Healthy Sleep for You and Your Family," Philadelphia, PA                                |

### Clinical instruction

- |           |   |
|-----------|---|
| 2001      | Preceptor for MD302, Introduction of Clinical Medicine  |
| 2002-2009 | Attending Rounds on Pulmonary and MICU services, 6-8 weeks/year, Hospital of the University of Pennsylvania |
| 2002-2012 | Clinic preceptor, Sleep Disorders Clinic, Hospital of the University of Pennsylvania                        |

### CME instruction

#### Local

- |      |   |
|------|---|
| 2006 | "Women and Sleep Disorders," Sleep Medicine for the Primary Care Physician (University of Pennsylvania School of Medicine Continuing Medical Education), Philadelphia, PA |
| 2007 | "Women and Sleep Disorders," Sleep Medicine for the Primary Care Physician (University of Pennsylvania School of Medicine Continuing Medical Education), Bryn Mawr, PA    |

#### National

- |           |  |
|-----------|--|
| Feb, 2006 | "Sleep Disorders in Women," "Sleep in Patients with Pulmonary Disease," "Nuts and Bolts of the Delivery of Positive Airway Pressure," Advances in Diagnosis of Sleep Apnea and Snoring (University of Pennsylvania School of Medicine Continuing Medical Education), Orlando, FL             |
| May, 2008 | "Sleep Apnea Syndromes", 32nd Semi-Annual Family Practice Review (Temple University School of Medicine Continuing Medical Education), Lancaster, PA  |
| Sep, 2008 | "Sleep Apnea Syndromes", 32nd Semi-Annual Family Practice Review (Temple University School of Medicine Continuing Medical Education,) Lancaster, PA  |
| Feb, 2009 | "Treatment of Residual Sleepiness in Patients with Obstructive Sleep Apnea" and "Complex Sleep Apnea: Is It A Disease?" 15th Annual Advances in Diagnosis and Treatment of Sleep Apnea and Snoring (University of Pennsylvania School of Medicine Continuing Medical Education), Orlando, FL |

Feb, 2015 "Chasing Sleep: Differences in Sleep between Men and Women," Sex Matters: Update in Gender-Specific Patient Care (Johns Hopkins University Continuing Medical Education), Baltimore, MD

## Mentoring

### Advisees

2009 – 2014 Bilgay Izci- [REDACTED] PhD, post-doctoral fellow, currently assistant professor, College of Nursing, University of Illinois at Chicago, Chicago, IL. Awarded K99-R00 from NIH/NINR. Project: Sleep Disorders and Gestational Diabetes in Pregnancy

2010 [REDACTED] Mentorship Committee (fellow). Project: OSA in Children with Down's Syndrome

### Thesis committees

2007-2008 (b) (6) [REDACTED]. University of Pennsylvania School of Nursing, doctoral committee member. Project: Gender Differences in Functional Status of Patients with Obstructive Sleep Apnea.

## Educational Program Building/Leadership

Not applicable.

## Educational Extramural Funding

Not applicable.

## CLINICAL ACTIVITIES

### Certification

#### Medical, other state/government licensure

1997-2000 Massachusetts Licensure, Registration No. 152875  
1999-2014 Pennsylvania Licensure, Registration No. MD-069768-L  
2012-present Maryland Licensure, Registration No. D0075277

#### Boards, other specialty certification

1997 Diplomate, American Board of Internal Medicine, Certificate No. (b) (6) [REDACTED]  
2000 Diplomate, Subspecialty in Pulmonary Disease, American Board of Internal Medicine, Certificate No. (b) (6) [REDACTED]  
2002 Diplomate, American Board of Sleep Medicine, Certificate No. (b) (6) [REDACTED]  
2002 Diplomate, Subspecialty in Critical Care Medicine, American Board of Internal Medicine, Certificate No. (b) (6) [REDACTED]  
2009 Diplomate, Subspecialty in Sleep Medicine, American Board of Internal Medicine, Certificate No. (b) (6) [REDACTED]

### Clinical (Service) Responsibilities

2002-2009 Attending Rounds on Pulmonary and MICU services, Hospital of the University of Pennsylvania  
2002-2012 Sleep Disorders Clinic and Laboratory, Hospital of the University of Pennsylvania  
2009-2012 Pulmonary/Sleep Disorders Clinic, Perelman Center, Hospital of the University of Pennsylvania  
2013-present Johns Hopkins Sleep Disorders Clinic, Johns Hopkins Outpatient Center  
2013-present Johns Hopkins Hospital Sleep Laboratory  
2013-present Johns Hopkins Hospital and Bayview Hospital Pulmonary services

## Clinical Program Building/Leadership

Not applicable.

## Clinical Extramural Funding

Not applicable.

## SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

Not applicable.

## **ORGANIZATIONAL ACTIVITIES**

### **Institutional Administrative Appointments**

- 2008-2012 Member, Epic Operations Committee. University of Pennsylvania Health Systems, Philadelphia, PA
- 2009-2012 Member, Information Technology Task Force, Sleep Academic Alliance, USA
- 2009-2012 Chair, Information Technology Committee, Sleep Medicine Division, Hospital of the University of Pennsylvania, Philadelphia, PA
- 2010-2012 Chair, Epic Governance Committee, Sleep Medicine Division, Hospital of the University of Pennsylvania, Philadelphia, PA

### **Editorial Activities**

#### **Journal Reviewer**

- 2002-2004 American Journal of Respiratory and Critical Care Medicine
- 2004-2006 Annals of Internal Medicine
- 2004-2007 Sleep
- 2004 Journal of Allergy and Clinical Immunology
- 2005 Respiratory Research
- 2006-2007 Physiology and Behavior
- 2006 Sleep Medicine
- 2006-2007 Respirology
- 2007-2008 European Respiratory Journal
- 2007 Sleep and Breathing
- 2007 Journal of Pediatrics
- 2007 Proceedings of the American Thoracic Society
- 2008-2009 American Journal of Respiratory and Critical Care Medicine
- 2008-2009 Annals of Internal Medicine
- 2009-2012 Sleep
- 2010 Sleep and Breathing
- 2011 Annals of Internal Medicine
- 2011 JAMA

### **Advisory Committees, Review Groups/Study Sections**

- 2014-present Member/Consultant, Food and Drug Administration, Medical Devices Advisory Committee (Anesthesiology and Respiratory Therapy Devices Panel)
- 2012-present Member, Sleep Sub-Study Committee, Nulliparous Pregnancy Outcomes Study Monitoring Mothers-To-Be (nuMoM2b)
- 2012 Ad hoc reviewer, National Institutes of Health/National Institute of Child Health and Human Development
- 2008-2010 Ad hoc reviewer, National Institutes of Health/National Institute on Aging
- 2003 Member, Working Group on Sleep for the National Children's Study Development & Behavior Working Group Subcommittee

### **Professional Societies**

- 1995-1998 Member, Massachusetts Medical Society
- 1995-2004 Associate, American College of Physicians
- 2000-2005 Member, American College of Chest Physicians
- 2001-Present American Academy of Sleep Medicine (Member, 2001-present; Vice-Chair, Sleep Related Breathing Disorders Section, 2009-2012; Member, Research Committee, 2009-2012)

### **Conference Organizer, Session Chair**

- May, 2006 Reviewer, Scientific Meeting for the American Thoracic Society  
San Diego, CA
- May, 2007 Co-Chair, Symposium on "Multi-Center Trials in Sleep and Sleep-Disordered Breathing Around the

- World", American Thoracic Society  
San Francisco, CA
- May, 2008 Co-Chair, Postgraduate Course on "Controversies in the Diagnosis and Management of Obstructive Sleep Apnea," American Thoracic Society  
Toronto, Canada
- May, 2011 Co-Chair, Postgraduate Course on "Comprehensive Update on Polysomnography: Interactive State of the Art Review and Case Discussions", American Thoracic Society  
Denver, CO
- 2011-2012 Member, 2012 Young Investigator Research Forum Planning Committee, sponsored by the American Academy of Sleep Medicine and National Institutes of Health, Washington, DC (April 2012)
- May, 2012 Co-Chair, Postgraduate Course on "Current and Emerging Treatments for Sleep-Disordered Breathing," American Thoracic Society, San Francisco, CA

## RECOGNITION

### Awards, Honors

- 1990 Cum Laude, Harvard College
- 1999 Laennec Society Prize, Outstanding Fellow in Competition

### Invited Talks, Panels

- 2003 "Snoring in Pregnancy: A Cause for Concern?", Department of Obstetrics and Gynecology Grand Rounds, University of Pennsylvania
- Jun, 2006 "Pregnancy and Sleep Disorders," Meet the Professor seminar at the 2006 Meeting of the Associated Professional Sleep Societies, Salt Lake City, UT
- Mar, 2007 "Sleep Disorders in Women", Stamford Hospital Sleep Symposium, Stamford, CT
- Jun, 2007 "Sleep Disorders in Pregnant Women", Meet the Professor seminar, Associated Professional Sleep Societies meeting, Minneapolis, MN
- May, 2008 "Preeclamptic Women Should Not Be Treated with CPAP," postgraduate course on "Controversies in the Diagnosis and Management of Obstructive Sleep Apnea," American Thoracic Society, Toronto, Canada
- Jun, 2008 "Sleep in the Pregnant Woman," Meet the Professor seminar at the 2008 meeting of the Associated Professional Sleep Societies, Baltimore, MD
- Oct, 2008 "Sleep Disorders in Women", Sleep Medicine Grand Rounds, University of Pennsylvania School of Medicine
- May, 2009 "Sleep Disorders in Women," American Thoracic Society International Conference (Sunrise Seminar), San Diego, CA
- Jun, 2010 "Pregnancy and Sleep-Disordered Breathing," postgraduate course on "Diagnosis and Management of Sleep Disordered Breathing in Special Populations", at the annual Associated Professional Sleep Societies Meeting, San Antonio, TX
- Mar, 2011 "Addressing Sleep Symptoms during Menopause," National Sleep Foundation, Washington DC
- May, 2011 "Adult Polysomnography: New Scoring Rules," postgraduate course on "Comprehensive Update on Polysomnography: Interactive State of the Art Review and Case Discussions", at the annual American Thoracic Society meeting, Denver, CO
- Sep, 2011 "Women on the Verge of Obstructive Sleep Apnea," Johns Hopkins Sleep Disorders Center, Baltimore, MD
- Oct, 2011 "Sleep Disorders in Women," Sleep Medicine Grand Rounds, University of Pennsylvania School of Medicine
- Jan, 2012 "Sleep-Disordered Breathing in Pregnancy and Menopause," Pulmonary Division Grand Rounds, University of Maryland School of Medicine, Baltimore, MD
- Mar, 2012 "Risk Factors for Sleep-Disordered Breathing in Pregnancy and Maternal-Fetal Effects," Division of Pulmonary and Critical Care Medicine, Johns Hopkins University School of Medicine, Baltimore, MD
- Mar, 2012 "Menopause: Sleep in Women," National Sleep Foundation, Washington DC
- Apr, 2012 "Ancillary Study Opportunities," American Academy of Sleep Medicine Young Investigator Research Forum, Bethesda, MD
- May, 2012 "Sleep in Women," Fellows Track Symposium, at the annual American Thoracic Society meeting, San Francisco, CA



- May, 2012 “Strategies for Optimal OSA Care and Outcomes,” postgraduate course on “Current and Emerging Treatments for Sleep-Disordered Breathing,” at the annual American Thoracic Society, San Francisco, CA
- Oct, 2012 “Sleep-Disordered Breathing in Pregnancy and Menopause,” Grand Rounds, Department of Obstetrics and Gynecology, University of Pennsylvania School of Medicine
- Apr, 2013 “Data Mining, Bioinformatics and Ancillary Study Opportunities in Sleep Research,” American Academy of Sleep Medicine Young Investigator Research Forum, Bethesda, MD