

CURRICULUM VITAE

Charles M. Wiener, M.D.

June 2006

DEMOGRAPHIC INFORMATION

Current Appointments:

2005-present Professor of Medicine and Physiology, Johns Hopkins School of Medicine

2000-present Vice Chairman- Education, Department of Medicine, Johns Hopkins School of Medicine

2000-present Director of the Osler Medical Training Program, Department of Medicine, Johns Hopkins School of Medicine

Personal Data:

DOB: April 12, 1956

The Johns Hopkins University School of Medicine

1830 E. Monument Street, Room 9030

Baltimore, MD 21205

410-955-7910 (phone)

410-614-8510 (fax)

cwiener@jhmi.edu

Education and Training:

1974-1978 Duke University, Durham, NC; Major: Management Science, B.A., magna cum laude

1978-1982 University of Miami School of Medicine, Miami, FL, M.D.

1982-1985 Resident, Internal Medicine, University of Washington, Seattle, Washington

1985-1986 Chief Medical Resident, University of Washington Seattle VA Hospital, Seattle, Washington

1986-1987 Postdoctoral fellow, Respiratory Medicine, Royal Post-graduate Medical School, Hammersmith Hospital, London, England

1987-1991 Postdoctoral Fellow, Pulmonary and Critical Care Medicine, The Johns Hopkins University School of Medicine

Professional Experience:

1986-1987	Attending Physician, Seattle VA Hospital
1983-1987	Airlift Northwest, Flight Physician
1984-1987	Seattle Fire Department, Paramedic Instructor
1991-present	The Johns Hopkins Hospital, Active, Full-time Staff
1991-1998	Assistant Professor of Medicine and Physiology, Pulmonary and Critical Care Medicine, Johns Hopkins University School of Medicine
1996-2000	Associate Director, Osler Medical Housestaff Program
1998-2000	Director of Education, Johns Hopkins Division of Pulmonary and Critical Care Medicine
1996-2003	Coordinator, Bridging Sciences (Year 2) Curriculum, Johns Hopkins School of Medicine
1996-2003	Course Director, Human Pathophysiology, Johns Hopkins School of Medicine
2000-present	Vice Chairman- Education, Johns Hopkins Department of Medicine
2000-present	Director of the Osler Medical Housestaff Training Program
2006-present	co-Course Director, Genes to Society, Johns Hopkins School of Medicine
2007	Year Coordinator, Year 2 Bridging Sciences curriculum, Johns Hopkins School of Medicine

RESEARCH ACTIVITIES

Publications:

Books:

1. Aaronson P, Schulman S, Ward J, Gil J, and **Wiener CM**. Cardiovascular System at a Glance. Blackwell Science Ltd. Oxford, United Kingdom, 1999.
Translated into Spanish, Italian, Spanish, Greek. Japanese, German and

Czechoslovakian

2. Garcia JGN and **Wiener CM**, consulting editors. Respiratory and Pulmonary Medicine 2000: An Internet Resource Guide. eMedguides.com, Inc., Princeton, NJ. 2000.
3. Ward J (PT), Ward J,, **Wiener CM**, Leach R. Respiratory System At A Glance. Ed. Anita Lane. UK: Blackwell Publishing Ltd, Osney Mead. 2002. *Translated into Japanese, Greek, Chinese, Portugese, Spanish.*
4. The Johns Hopkins Hospital. The Osler Medical Handbook. Ed. Cheng A and Zaas A. **Exec Ed: Wiener CM**. Mosby. 2003.
5. Aaronson PI, Ward J (PT), **Wiener CM**. The Cardiovascular System At A Glance. Second Edition. Ed. Geraldine Jeffers. UK: Blackwell Publishing Ltd, Osney Mead.2004. *Translated into Spanish, Italian, Russian, Japanese*
6. **Wiener CM**, Kasper DL, Fauci AS, Longo DL, Braunwald E, Hauser SL, Jameson JL. Harrison's. Principles of Internal Medicine Self-Assessment and Board Review. 16th Edition. Ed. Wiener CM. Co-Ed. Brown CD, Hemnes AR, Nivatpumin PJ. McGraw-Hill 2005. *Translated into Spanish*
7. The Johns Hopkins Hospital. The Osler Medical Handbook, 2nd Edition. Ed. Nilsson K, Piccini J. **Exec Ed: Wiener CM**. Mosby. Philadelphia, PA. 2006
8. Ward, JPT, Ward J, **Wiener CM**, Leach R. Respiratory System At A Glance. 2nd Ed. Anita Lane. UK: Blackwell Publishing Ltd, Osney Mead. 2006. *Translated into Portugese, Japanese*

Book Chapters:

1. Gaine SP, Brower RG, and **Wiener CM**. Pulmonary Vascular Bed IN: Cardiopulmonary Critical Care, 3rd edition, Ed. David R. Dantzker. Philadelphia: W.B. Saunders, 1997.
2. Kidd L, and **Wiener CM**. The Johns Hopkins University School of Medicine Curriculum for the Twenty-First Century, 1st edition, Ed. Catherine D. De Angelis, M.D. Baltimore: Johns Hopkins University Press. 2000
3. Stephens RS, Robinson L, **Wiener CM**. Bioterrorism and the Intensive Care Unit. Clinical Critical Care, 2nd Edition. Ed. Albert RK, Gattinoni L. Elsevier Philadelphia. *In press, 2006*

Policy Statements:

1. The Role of the Pulmonary and Critical Care Physician in the American Health Care System. *Am J Resp Crit Care Med* 152:2199-2201, 1995. Adopted by American Thoracic Society Board of Directors March 1995. (**principal author**)
2. The Role of the Pediatric Pulmonary Physician in the American Health Care System. *Am J Resp Crit Care Med* 155:1486-1488, 1997. Adopted by American Thoracic Society Board of Directors November 1996. (**co-author**).

Peer-Reviewed Scientific Articles:

1. **Wiener CM**, McKenna WJ, Myers MJ, Lavender JP and Hughes JMB. Left lower lobe ventilation is reduced in patients with cardiomegaly in the supine but not the prone position. *Am Rev Resp Dis* 141:150-155, 1990.
2. **Wiener CM**, Kirk W and Albert RK. The prone position reverses the gravitational distribution of perfusion in dogs lungs with oleic acid induced injury. *J Appl Physiol* 68:1386-92, 1990.
3. **Wiener CM** and Sylvester JT. Effects of glucose on hypoxic pulmonary vasoconstriction in isolated ferret lungs. *J Appl Physiol* 70:439-446, 1991.
4. **Wiener CM**, Dunn A and Sylvester JT. ATP-dependent K⁺ channels modulate vasoconstrictor responses to severe hypoxia in isolated ferret lungs. *J Clin Investigation* 88:500-504, 1991.
5. **Wiener CM** and Sylvester JT. Effects of insulin, glucose analogs, and pyruvate on pulmonary vasopressor responses to anoxia in isolated ferret lungs. *J Appl Physiol* 74:2426-2431, 1993.
6. Williams AJ, **Wiener CM**, Reiff D, Swenson ER, Fuller RW and Hughes JMB. Comparison of the effect of inhaled selective and non-selective adrenergic agonists on cardiorespiratory parameters in chronic stable asthma. *Pulmonary Pharmacol* 7:235-241, 1994.
7. **Wiener CM**, Banta MR, Dowless MS, Flavahan NA and Sylvester JT. Mechanisms of hypoxic vasodilation in ferret pulmonary arteries. *Am J Physiol* 269:L351-L357, 1995.
8. **Wiener CM**, Booth G and Semenza GL. In vivo expression of mRNAs encoding hypoxia-inducible factor 1. *Biochem and Biophys Res Communications* 25:485-488, 1996.
9. Liu Q, **Wiener CM** and Flavahan NF. Superoxide and endothelium-dependent

- constriction flow in porcine small pulmonary arteries. *Br J Pharmacol* 124(2):331-336, 1998.
10. Yu AY, Frid MG, Shimoda LA, **Wiener CM**, Stenmark K, Semenza GL. Temporal, spatial, and oxygen-regulated expression of hypoxia-inducible factor-1 in the lung. *Am J Physiol.* 275(4 Pt 1):L818-26, 1998.
 11. Gaine SP, Choi AMK, Flavahan NA, **Wiener CM**. Induction of heme oxygenase-1 with hemoglobin depresses vasoreactivity in ratorta. *J Vascular Res.* 36: 114-119, 1999.
 12. Diette G, White P, Jr., **Wiener CM**. The higher risk of bleeding in lung transplant recipients from bronchoscopy is independent of traditional bleeding risk factors: Results of a prospective cohort study. *Chest* 115:397-402, 1999.
 13. Yu A, Shimoda L, Iyer N, Huso D, Sun X, McWilliams R, Beaty T, Sham J, **Wiener CM**, Sylvester J, Semenza G. Impaired physiological responses to chronic hypoxia in mice partially deficient for hypoxia-inducible factor 1alpha. *J Clin Invest* 103:691-696, 1999.
 14. Brower RG, Shanholtz CB, Fessler HE, Shade DM, White P Jr, **Wiener CM**, Teeter JG, Dodd-o JM, Almog Y, Piantadosi S. Prospective, randomized, controlled clinical trial comparing traditional versus reduced tidal volume ventilation in acute respiratory distress syndrome patients. *Crit Care Med.* 27(8):1492-8, 1999.
 15. Flavahan NA, Flavahan S, Liu Q, Wu S, Tidmore W, **Wiener CM**, Spence RJ, Wigley FM. Increased alpha2-adrenergic constriction of isolated arterioles in diffuse scleroderma. *Arthritis Rheum.* 43(8):1886-90, 2000.
 16. Solomon SB, White P, **Wiener CM**, Orens JB, Wang KP. Three-dimensional CT-guided bronchoscopy with a real-time electromagnetic position sensor. A Comparison of Two Image Registration Methods. *Chest.* 118(6):1783-1787, 2000.
 17. Lechtzin N, **Wiener CM**, Clawson, L, Chaudhry V. Diette GB. Hospitalization in amyotrophic lateral sclerosis. Causes, costs, and outcomes. *Neurology* 56: 753-757, 2001.
 18. Lechtzin N, **Wiener CM**, Shade DM, Clawson L, Diette GB. Spirometry in the supine position improves the detection of diaphragmatic weakness in ALS. *Chest* 121:436-442, 2002.
 19. Bolton J. Scott, Padia S, Borja M, Becker P, Orens J, **Wiener CM**, Yang SC, Conte JV. The predictive value and inter-observer variability of donor chest radiograph interpretation in lung transplantation. *Eur J of Cardiothorac Surg* 2003 Apr;23(4):484-7.

20. Zaas D, Wise R, **Wiener CM** for the Longcope Spirometry Investigation Team. Airway obstruction is common but unsuspected in patients admitted to a general medicine service. *Chest*. 2004 Jan;125(1):106-11.
21. Lechtzin N, **Wiener CM**, Clawson L, Davidson MC, Anderson F, Gowda N, Diette GB. Use of noninvasive ventilation in patients with amyotrophic lateral sclerosis. *Amyotroph Lateral Scler Other Motor Neuron Disord*. 2004 Mar;5(1):9-15.
22. Childs B, **Wiener C**, Valle D. A SCIENCE OF THE INDIVIDUAL: Implications for a Medical School Curriculum. *Annu Rev Genomics Hum Genet*. 2005;6:313-30.
23. Schmidt E, Drachman D, **Wiener C**, Clawson L, Kimball R, Lechtzin N. Pulmonary Predictors of survival in Amyotrophic Lateral Sclerosis: use in clinical trial design. *Muscle Nerve*. 2006 Jan;33(1):127-32.
24. Lechtzin N, Shade D, Clawson L, **Wiener C**. Supramaximal Inflation Improves Lung Compliance in Subjects with Amyotrophic Lateral Sclerosis. *Chest*. 2006 May;129(5):1322-9.

Review Articles and Case Reports:

1. Kellerman A, **Wiener CM** and Hale CG. Hemoptysis, cough, and syncope in an obese woman with a prosthetic valve. *Hosp Pract* 20:110-111, 1983.
2. **Wiener CM**. Exercise-induced asthma. *Athletic Training* 24(1) 6-11, 1989.
3. **Wiener CM**. Ventilatory management of respiratory failure in asthma. *JAMA* 269:2128-2131, 1993.
4. Knobil K, **Wiener CM**, and Zenilman J. Herpes simplex infections in the critical care setting. *J Intensive Care Med* 12:93-103, 1997.
5. Semenza GL, Agani F, Booth G, Forsythe J, Iyer N, Jian B-H, Leung S, Roe R, **Wiener CM**, and Yu A. Structural and functional analysis of hypoxia-inducible factor. *Kidney International* 51:553-555, 1997
6. Semenza GL, Agani F, Iyer N, Jiang BH, Leung S, **Wiener CM**, Yu A. Hypoxia-inducible factor 1: from molecular biology to cardiopulmonary physiology. *Chest*. 114(1 Suppl):40S-45S, 1998.
7. Lechtzin N, **Wiener CM**, Clawson L. A fatal complication of noninvasive ventilation. *N Engl J Med*. 344(7):533, 2001.

8. Lechzin N, Rothstein J, Clawson L, Diette GB, **Wiener CM**. Amyotrophic lateral sclerosis: evaluation and treatment of respiratory impairment. Amyotroph Lateral Scler Other Motor Neuron Disord. 2002 Mar;3 (10):5-13.
9. Ko N, Averett L, Brown C, **Wiener CM**. An unexpected finding. Am J Med. 2005 May;118(5):477-9
10. Hsaio E, Nivatpumin P, **Wiener CM**. An unusual development. Am J Med. 2005 Jun;118(6):609-11.
11. Stephens S, Brown C, **Wiener CM**. Persistent lower abdominal and groin pain: what is the diagnosis? Am J Med. 2005 Apr;118(4):364-7.

Extramural Sponsorship:

Grants and Awards:

Previous:

Date: 07/01/92-06/30/94.

Title: Mechanisms of Hypoxic Pulmonary Vasodilation

Sponsor: American Lung Association Clinical Investigator Award

Total Direct Cost: \$50,000

Principal Investigator: C.M. Wiener

Role and Effort: Principal Investigator, 10%

Date: 07/01/92 - 06/30/97

Title: A Multicenter, Double-Blind, Placebo-Controlled, Efficacy and Safety Study of TLC-53 in Patient with Acute Respiratory Distress Syndrome

Sponsor: The Liposome Company (Contract)

Principal Investigator: Edward Abraham

Role and Effort: Site Principal Investigator, 5%

Date: 07/01/92- 06/30/97.

Title: Mechanisms of Hypoxic Pulmonary Vasodilation

Sponsor: NIH CIDA

Total Direct Cost: \$392,500

Principal Investigator: C.M. Wiener

Role and Effort: Principal Investigator, 70%

Date: 09/01/94 to 08/31/96

Title: The Mechanisms Underlying Altered Vasoreactivity in Scleroderma

Sponsor: Scleroderma Research Foundation,

Total Direct Cost: \$50,000

Principal Investigator: N.A. Flavahan

Role and Effort: Co-Principal Investigator, 5%

Date: 06/30/96 to 07/01/00.

Title: Role of Hypoxia-Induced Factor 1 in O₂ Homeostasis

Principal Investigator: Gregg Semenza

Role and Effort: Co-Investigator, 0%

Date: 12/01/96 - 11/30/99.

Title: Serial Measurement of Diaphragmatic Function in Patients with ALS

Sponsor: Cal Ripken/Lou Gehrig Fund for Neuromuscular Research

Total Direct Cost: 18,000

Principal Investigator: C.M. Wiener

Role and Effort: Principal Investigator, 5%

Date: 9/99-9/00

Title: Development of a Patient-Based Integrated Final Examination for Second Year Medical Students

Sponsor: Johns Hopkins University Deans' Award

Total Direct Cost: \$15,000

Principal Investigator: C.M. Wiener

Role and Effort: Principal Investigator, 5%

Date: 07/01/00 - 6/30/03

Title: Randomized Trial of Non-Invasive Mechanical Ventilation in ALS Patients with Mild/Moderate Respiratory Impairment

Sponsor: ALS Foundation

Total Direct Cost: \$90,000

Principal Investigator: C.M. Wiener

Role and Effort: Principal Investigator, 5%

EDUCATIONAL ACTIVITIES

Teaching:

- | | |
|--------------|--|
| 1989-present | Lecturer and Small Group Leader, Organ Systems Course, School of Medicine (Yearly: four 1 hour lectures, two 3 hour small group discussions, three 2 hour computer simulations, one 1 hour clinical correlation for 1 st year medical students) |
| 1990-present | Lecturer and Small Group Leader, Human Pathophysiology Course, School of Medicine (Yearly: 1 one hour lecture, 4 three hour small group discussions for 2 nd year medical students) |
| 1992-2000 | Osler Medical Firm Faculty (Teaching attending: 35 hours/yr for medical |

students on Basic Medicine and Medicine Housestaff)

- 1992-present Basic Medicine Noon Conference Lectures (Yearly: 10 one hour lecture/discussions on Pulmonary Function Testing and Exercise Physiology for students on Basic Medicine clerkship)
- 1993- present Topics in Internal Medicine (Yearly: CME lectures and/or Meet the Professor sessions)
- 1994-2000 Basic Science Journal Club, School of Medicine (Weekly: 8-10 one hour discussions with first year medical students)
- 1996-2000 Firm Faculty Leader, Longcope Medical Firm (Direct ¼ of Internal Medicine Housestaff including mentorship, teaching conferences, attending rounds. Supervise teaching of medical students on Basic Medicine clerkship)
- 1996-2000 Case II Pulmonary Didactic Sessions, Department of Medicine (Monthly: two hours seminars with residents reviewing Board Preparation Topics)
- 1996-2000 Longcope JAR Journal Club (Monthly: 2 hour evening discussions at my home on topics of clinical or scientific interest)
- 2000-present Wednesdays with Wiener, Osler Medical Training Program (Monthly: 2-3 hour discussions with senior residents at my house during evenings inviting leaders from outside the hospital, e.g., Robert Gallo, D.A. Henderson, Benjamin Cardin, Alfred Sommer, Ed Miller, John Gearhart, John Waters, Steven David, Steve Vicchio, Leo Bretholz, Richard Macksey, Peter Beilenson, Kurt Schmoke)
- 2000-present Thought-Leader Thursday, Osler Medical Training Program (Monthly: 2 hour discussions with housestaff and institutional thought leaders to promote academic careers, e.g. Carol Greider, Eduardo Marban, Cindy Sears, Burt Vogelstein, Martin Abeloff, Skip Garcia, Gregg Semenza, Anna Mae Diehl, Teresa Shapiro, Michael Klag, Ron Peterson)
- 2004-present Herlong Rounds with M.D./Ph.D. students: one hour discussions with M.D./Ph.D.students focusing on analysis and research implications of clinical cases
- 2003-present "Introduction to Year 2 or Why is Second Year So Great?". Lecture

Editorial Activities:

Peer Review Activities

American Journal of Medicine
American Journal of Respiratory and Critical Care Medicine
American Journal of Physiology
American Journal of Physiology: Heart and Circulatory Physiology
American Journal of Physiology: Lung and Molecular Physiology
Archives of Neurology
Chest
Circulation Research
European Journal of Pharmacology
Journal of Clinical Investigation
Journal of Applied Physiology
Neurology

Editorial Positions:

1. American Journal of Medicine; Specialty Editor. Diagnostic Dilemmas. 2005-present
2. American Journal of Medicine; Section Editor. Images of Osler. Cases from the Osler Medical Service of the Johns Hopkins Hospital. 2001-2004.
Edit and publish 18 cases/year from the Osler Service, written by an Assistant Chief of Service and a member of the Housestaff
3. Journal of the American Medical Association (JAMA). Co-Section Editor. Grand Rounds at Johns Hopkins Hospital. 2000-present
With Steven Sisson, edit and publish 2-4 Grand Rounds presentations/yr
4. Residency Program Director Alert. Editorial Board. 2002-present
Work with editor on topics, edit material, provide source material and resources for content

CLINICAL ACTIVITIES:

Certification:

Licensure:

Washington 1982-1988
Maryland 1987-Present

Board Certification:

Internal Medicine, 1989
Pulmonary Medicine, 1992, 2002
Critical Care Medicine, 1994, 2004

ORGANIZATIONAL ACTIVITIES:

Institutional Committee Activities:

- 1994-present Pharmacy and Therapeutics Committee, Johns Hopkins Hospital
- 1994-2000 Department of Medicine Resident Selection Committee
- 1996-2003 Student Promotions Committee
- 1996-present Educational Policy Committee
- 1998-present Student Advisors Board
- 1998 LCME Committee, Subcommittee IV: Educational Program/M.D. Program
- 1998 LCME Committee, Subcommittee V on Medical Students
- 2002 LCME Committee, Subcommittee 2. Educational Program
- 2002-present Department of Medicine Executive Committee
- 2004 Chair, School of Medicine Curriculum Reform Retreat

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Institutional Leadership Activities:

- 2000-present Chairman, Department of Medicine Resident Selection Committee (review 1500 applications for housestaff training to choose 250 to interview, meet with all interviewees, supervise 60 interviewers, and create final rank list)
- 2003 Johns Hopkins Leadership Development Program (LDP)
- 2004-present Chairman, School of Medicine Curriculum Reform Committee (charged by Dean Miller and Vice-Dean Nichols to assess current Medical School curriculum and suggest new curriculum to incorporate new knowledge, new competencies, new practice patterns, new learning strategies, and ongoing evolution. Target Fall 2008 implementation)

Institutional Administrative Appointments:

- 1992-2000 Director, Fellowship Recruitment, Pulmonary and Critical Care Medicine
- 1992- 2000 Coordinator, Elective in Pulmonary Medicine, School of Medicine
- 1995-2000 Coordinator, Osler Housestaff Pulmonary Case II Clerkship (created curriculum, organized clinical schedule, led didactic and seminar sessions for 30-40 house officers/year)
- 1996-2000 Associate Director, Osler Medical Training Program (Directed the Longcope Firm of the Osler Program, supervised career guidance and mentorship, met 1-2x/year with 25-30 house officers)
- 1997-present Coordinator, Respiratory Section, Organ Systems (1st Year) Course, School of Medicine (organize and direct section that includes 7 one hour lectures, 2 three hour small group discussions, 2 three hour laboratory sessions, recruit faculty, prepare handouts, write and grade examination, attend Organ Systems grading meeting)
- 1999-2001 Course Director. Update in Pulmonary and Critical Care Medicine. Santa Fe NM. (I originated, organized and directed a CME course for physicians. Still currently existing annually, it draws 80-120 physicians/yr from a national audience)
- 1996-2003 Chairman, Bridging Sciences (2nd Year) Curriculum Committee, School of Medicine (Chair committee comprised of the Course Directors and Co-Directors for the 5 courses included in 2nd year. Create yearly schedule and supervise focus group meetings.)
- 1996-2003 Course Director, Human Pathophysiology, School of Medicine (coordinated

>300 hour course for second year students including directing content, organized 27-week schedule, organized and distributed >1000 pages of handouts for >120 students, wrote majority of tests, administered grades, mentored students, attended promotion committee meetings.)

National Administrative Appointments:

- 1995-2000 American Thoracic Society Workforce Training Committee: wrote policy statements regarding clinical role of adult pulmonary and critical care physicians, for pediatric pulmonary physicians, fellowship requirements, initiated study on workforce needs that resulted in major COMPACS study.
- 2000-2004 National Board of Medical Examiners. USMLE Step-I; Physiology Question Writing Committee: responsible for writing 1/6 of all annual new questions for Step 1 examination and reviewing all new questions. Met yearly at National Board of Medical Examiners to review physiology content
- 2002-present American Thoracic Society Government Affairs Committee: creates for ATS Board legislative agenda and policy statements regarding lung and critical care issues. Work with DC office to lobby for lung health promotion
- 2005-present National Board of Medical Examiners. USMLE Step 1 Item Review Committee (IRC): Responsible for final review and revision of Step 1 of the USMLE National Boards.

Professional Societies:

Memberships

- American College of Physicians (Fellow)
- American Thoracic Society
- American College of Chest Physicians (Fellow)
- American Physiologic Society

Advisory Board

- 2006 Duke University Corporate Education: Learning Environment Advisory Board

RECOGNITION

Honors and Awards:

- 1986 American Heart Association: British-American Fellowship, 1986

1988	National Institutes of Health: National Research Service Award
1997	Certificate of Excellence in Teaching, Johns Hopkins School of Medicine
1997	Osler Housestaff Recognition, Johns Hopkins Medical Institutions
1999	Professors' Award for Excellence in Teaching, Johns Hopkins School of Medicine
1999	School of Medicine Graduation, elected Hooder
2000	Department of Medicine Housestaff Teaching Award
2000	George J. Stuart Award, Johns Hopkins School of Medicine
2000	School of Medicine Graduation; Administered Hippocratic Oath
2001	Alpha Omega Alpha (AOA)
2001	School of Medicine Graduation, elected Hooder
2002	School of Medicine Graduation, elected Hooder
2003	School of Medicine Graduation, elected Grand Marshal
2004	School of Medicine Graduation, elected Hooder
2005	School of Medicine Graduation, elected Hooder
2006	School of Medicine Graduation, elected Faculty Marshall

Invited Presentations (Selected 1999-present):

1999

Johns Hopkins Update in Pulmonary and Critical Care Medicine, Top 10 in Critical Care, Santa Fe NM. 1999

Topics in Clinical Medicine, Johns Hopkins University School of Medicine. Meet the Professor Sessions- Pulmonary and Critical Care Medicine, Baltimore, MD. (1999-2003)

2000

American Heart Associations Symposium on Hypoxic Regulation of Vascular Tone, Role in

HIF-1 in Pulmonary Hypertension, New Orleans, LA 2000. (National Meeting)

Johns Hopkins Update in Pulmonary and Critical Care Medicine, Top 10 in Critical Care.
Santa Fe NM. 2000

Johns Hopkins Update in Pulmonary and Critical Care Medicine, Respiratory
Manifestations of Neuromuscular Diseases, Santa Fe NM. 2000

2001

American Student Medical Association (AMSA). Johns Hopkins Chapter. Strategies for
choosing a speciality. February, 2001

American Medical Student Association (AMSA). Mid-Atlantic Regional Meeting. Balancing
Work and Family. April, 2001

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2002

American Thoracic Society Conference, Seattle WA. Is Your Hospital Prepared for Bioterrorism Attack? August, 2002. (Plenary Session, National Meeting)

23rd Annual Administrators of Internal Medicine (AIM) Educational Conference, Washington, DC. Defining Future Trends in Academic Medicine, September 2002. (National Meeting)

Johns Hopkins Update in Pulmonary and Critical Care Medicine , Update in Pulmonary Hypertension . Santa Fe, NM. 2002

Johns Hopkins Update in Pulmonary and Critical Care Medicine , Update in Bioterrorism . Santa Fe, NM. 2002

2003

American Thoracic Society, Meet the Professor, Is Your Hospital Ready for a Bioterrorism Attack? Seattle, Washington, 2003. (National Meeting)

Topics in Clinical Medicine, Johns Hopkins University School of Medicine, Baltimore, MD. Best of Resident Report, May 2003.

Johns Hopkins School of Medicine, Office of Student Mental Health, Balancing Work and Family. Baltimore, MD. 2003

International Society of Medical Science Educators (National Meeting). Incorporating Genetics into Medical Education. Washington D.C. 2003.

2004

International Society of Medical Science Educators (National Meeting). Workshop: A curriculum based on the genetic lens. New Orleans LA. 2004

Boston Council of Graduate Medical Educators/Nixon Peabody, LLC. Impact of ACGME regulations on Program Directors. Boston MA. 2004

2005

Visiting Professor (9/05): Greenville Medical Center, University of South Carolina Medical School, Greenville, SC (9/05): Medical Grand rounds, Resident Report, Pulmonary Grand Rounds

2006

Visiting Professor: University of Chicago Department of Medicine
Visiting Professor: American University of Beirut Medical School

Mentoring

Former Pulmonary Fellows

	Current Position
Greg Diette, M.D.	Assistant Professor of Medicine, Johns Hopkins SOM
Noah Lechtzin, M.D.	Assistant Professor of Medicine, Johns Hopkins SOM

Former Assistant Chiefs of Service

Derek Fine, M.D.	Assistant Professor of Medicine, Johns Hopkins SOM
Sara Cosgrove, M.D.	Assistant Professor of Medicine, Johns Hopkins SOM
William LeCates	Assistant Professor of Medicine, Cornell Weill SOM
Phil Seo, M.D.	Assistant Professor of Medicine, Johns Hopkins SOM
Tom Talbot, M.D.	Assistant Professor of Medicine, Vanderbilt University
Bart Scott, M.D.	Assistant Professor of Medicine, University of Washington
Eric Nuermberger, M.D.	Assistant Professor of Medicine, Johns Hopkins SOM
Aimee Zaas, M.D.	Assistant Professor of Medicine, Duke University SOM
David Zaas, M.D.	Assistant Professor of Medicine, Duke University SOM
Jacob Mishell, M.D.	Clinical Assistant Professor of Medicine, UCSF
Anna Hemnes, M.D.	Assistant Professor of Medicine, Vanderbilt University SOM
Kerri Cavanaugh, M.D.	Assistant Professor of Medicine, Vanderbilt University SOM

Advising

Medical Students (I meet on multiple occasions with each student for career guidance, review each student's applications for residency training, and discuss programs to fit individual needs. I write a detailed Departmental letter for each student and advocate for them with Program Directors. Below are the students I've advised most extensively for the last three years)

2005

Adesuen, Gbemi
Bakken, Johan
Brenner, Keith
Campbell, Catherine
Chahla, Mayy
DeZern, Amy
Faris, Jason
Fradley, Michael
Haselhuhn, Lee
Hwang, Elizabeth
Karmon, Sharon

Current Position

Internal Medicine Resident, University of Pennsylvania
Internal Medicine Resident, Massachusetts General
Internal Medicine Resident, Columbia University
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Univ. Southern California
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Massachusetts General
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Columbia University
Internal Medicine Resident, New York University

Kozono, David
Mani, Anne
Mathelier, Hansie
Munoz, Daniel
Park, Jae
Rajagopaian, Harith
Spaulding, Cassie
Stenner, Shane
Su, Jennifer
Tong, Caryn
Zardkooh, Omeed

Internal Medicine Resident, UCSF
Internal Medicine Resident, Columbia University
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Brigham and Women's
Internal Medicine Resident, Brigham and Women's
Rehabilitation Resident, UC Davis
Internal Medicine Resident, Vanderbilt University
Internal Medicine Resident, Massachusetts General
Internal Medicine Resident, Case Western Reserve
Internal Medicine Resident, Massachusetts General

2004

Ahonkai, Aima
Altman, Robert
Berry, Cristine
Beste, Lauren
Blum (Faunkhanel), Marissa
Cheng, Walter
Cohen, Jennifer
Dahlberg, Paul
Fogel, Rachel
Garibaldi, Brian
Gerstenblith, Meg
Ku, Ivy
Magill, Cathleen
Majure, David
Mammen, Jennifer
Mukherjee, Rupa
Peters, Daniele
Rothenberger, Meghan
Simmons, Rachel
Sutton, Brad
Toonkel, Rebecca
Wanner, Tracy
Westergaard, Ryan

Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Columbia University
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Brown University
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, UCSF
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, University of Wisconsin
Internal Medicine Resident, Brigham and Women's
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Univ. of Pennsylvania
Internal Medicine Resident, Massachusetts General
Internal Medicine Resident, Johns Hopkins Bayview
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Yale University
Internal Medicine Resident, Beth Israel Deaconess
Internal Medicine Resident, Univ. of Minnesota
Internal Medicine Resident, Massachusetts General
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Columbia University
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Univ. of Colorado

2003

Ackerman, Kate
Ahmad, Homaa
Boa, Ting
Charles, Richelle
Charles, Raquel

Internal Medicine Resident, Beth Israel, Boston
Internal Medicine Resident, Johns Hopkins Hospital
Internal Medicine Resident, Johns Hopkins Bayview
Internal Medicine Resident, Massachusetts General
Internal Medicine Resident, Johns Hopkins Hospital

Kao, Daniel	Internal Medicine Resident, Stanford University
Lu, Lawrence	Internal Medicine Resident, UCLA
Freeman, James	Internal Medicine Resident, Stanford University
Gellad, Ziad	Internal Medicine Resident, Duke University
Goldberg, Jenna	Internal Medicine Resident, Johns Hopkins Hospital
Jean-Jaques, Muriel	Internal Medicine Resident, Massachusetts General
Johnson, Colleen	Internal Medicine Resident, UCSF
Mollura, Daniel	Radiology Resident, Johns Hopkins Hospital
Mudrick, Daniel	Internal Medicine Resident, Brigham and Women's
Park, Walter	Internal Medicine Resident, Stanford University
Pipeling, Matthew	Internal Medicine Resident, Johns Hopkins Hospital
Quasim, Atif	Internal Medicine Resident, Univ. of Pennsylvania
Rastogi, Rita	Internal Medicine Resident, Johns Hopkins Hospital
Roisman, Rita	Internal Medicine Resident, UCSF
Ruff, Christian	Internal Medicine Resident, Brigham and Women's
Schwartz, Matthew	Med/Peds Resident, Harvard Combined Program
Shapiro, Rachael	Internal Medicine Resident, Cornell University
Sheth, Anandi	Internal Medicine Resident, Johns Hopkins Hospital
Tsai, Vivian	Internal Medicine Resident, Stanford University
Vasanawala, Ami	Internal Medicine Resident, Stanford University
Wang, Daniel	Internal Medicine Resident, Johns Hopkins Hospital

Osler Medical Housestaff: (In addition to working practically daily with each house officer, I meet with them for structured career guidance and feedback at least twice/year for each of their three years. For each house officer, I write a detailed letter of recommendation for fellowship or job placement. Below are the graduates of the Osler Program for the last three years)

2005

Carlos Alves	Cardiology Fellow	Cleveland Clinic
Reza Ardehali	Cardiology Fellow	Stanford University
Pennan Barry	EIS Officer	CDC, Atlanta
Sigrid Berg	Oncology Fellow	Univ. of Pennsylvania
Rinky Bhatia	Cardiology Fellow	Massachusetts General
Gerald Bloomfield	Internist	Kjabe, Kenya
Peter Borek	Cardiology Fellow	Cleveland Clinic
Lyn Brown	Pulmonary/Critical Care fellow	Johns Hopkins
Martin Britos	Pulmonary/Critical Care Fellow	Johns Hopkins
Lynn Eckert	Internist	Baltimore, MD
Jonathan Gerber	Hematology Fellow	Johns Hopkins
Leslie Gewin	Nephrology Fellow	Vanderbilt University
Elizabeth Griffiths	Oncology Fellow	Johns Hopkins
Allison Habas	Hospitalist	Baltimore, MD
Megan Haymart	Endocrine Fellow	Univ. of Wisconsin
Gavin Hamilton	Hospitalist	Baltimore, MD

Chris Hoffmann
Esther Kim
Scott Kim
Yuli Kim
Ann Mullalley
Telly Meadows
Kent Nilsson
Katie Passaretti
Anand Parekh
Jon Piccini
Jordan Prutkin
David Riedel
Ann Reed
Amin Sabet
Josh Schiffer
Adam Spivak
Adlah Sukkar
Chris Tehlerian
Sara Tolaney
Chris Tomkins
Nicola Zetola

Infectious Disease Fellow
Cardiology Fellow
Infectious Disease Fellow
Cardiology Fellow
Oncology Fellow
Cardiology Fellow
Cardiology Fellow
Infectious Disease Fellow
Policy Analyst
Cardiology Fellow
Cardiology Fellow
Infectious Disease Fellow
Hospitalist
Endocrine Fellow
Infectious Disease Fellow
Infectious Disease Fellow
Pulmonary/Critical Care Fellow
Rheumatology Fellow
Oncology Fellow
Cardiology Fellow
Infectious Disease Fellow

Johns Hopkins
Cleveland Clinic
Johns Hopkins
Cleveland Clinic
Dana Farber
Cleveland Clinic
Duke University
Johns Hopkins
Dept HHS, Wash. D.C.
Duke University
Univ. of Washington
Univ. of Maryland
Univ. of Wisconsin
Johns Hopkins
Univ. of Washington
Johns Hopkins
Johns Hopkins
Johns Hopkins
Dana Farber
Johns Hopkins
UCSF

2004

Bryan Baranowski, M.D.
Rachel Derr, M.D.
Tara Hebert, M.D.
Edward Hsiao, M.D.
James Lee, M.D.
Catherine Magid, M.D.
Eric Schmidt, M.D.
Eun Ji Shin, M.D.
Adam Berliner, M.D.
Heather Davidson, M.D.
Cynthia DeRuiter, M.D.
Jordana Kron, M.D.
David Kuperman, M.D.
John Morcos, M.D.
Javid Moslehi, M.D.
Joseph Rahman, M.D.
Caroline Roberts, M.D.
Henry Sun, M.D.
Sharon Chung, M.D.
John Dooley, M.D.
Brad Drummond, M.D.
Michelle Estrella, M.D.

Cardiology Fellow
Endocrine Fellow,
Internal Medicine
Endocrine Fellow
Pulmonary/Critical Care fellow,
Oncology fellow
Pulmonary/Critical Care fellow
Gastroenterology fellow
Nephrology fellow
Internal Medicine faculty
Pulmonary/Critical Care fellow
Cardiology fellow
Oncology Fellow
Oncology fellow
Cardiology Fellow
Cardiology Fellow
Endocrine fellow
Cardiology fellow
Rheumatology fellow
Internal Medicine faculty
Pulmonary/Critical Care fellow
Nephrology fellow

Cleveland Clinic
Johns Hopkins
Baltimore, MD
UCSF
Univ. of Penn
Sloan Kettering
Johns Hopkins
Johns Hopkins
Johns Hopkins
Seattle VA Hospital
Univ. of Washington
University of Florida
Washington University
Univ of Pittsburgh
Brigham Hospital
UCLA
Johns Hopkins
Johns Hopkins
UCSF
Wash, DC VA Hospital
Johns Hopkins
Johns Hopkins

Patricia George, M.D.	Pulmonary/Critical Care fellow	Univ of Pittsburgh
Avi Jacobs, M.D.	Cardiology fellow	University of Chicago
Shikha Nanda, M.D.	Rheumatology fellow	Johns Hopkins
James Mudd, M.D.	Cardiology fellow	Johns Hopkins
Vik Singh, M.D.	Gastroenterology fellow	Brigham Hospital
Jacob Abraham, M.D.	Cardiology fellow	Johns Hopkins
Katherine Bell-McGuinn, M.D.	Oncology fellow	Sloan-Kettering
Susan Blank, M.D.	Endocrine fellow	Univ of Virginia (2006)
Erica Dahl Warlick, M.D.	Oncology Fellow	Johns Hopkins
Franco D'Alessio, M.D.	Pulmonary/Critical Care fellow	Johns Hopkins
Dung Le, M.D.	Oncology Fellow	Johns Hopkins
Jon Murrow, M.D.	Cardiology fellow	Johns Hopkins
Eric Thorn, M.D.	Cardiology fellow	University of Maryland
Charles Tuchinda, M.D.	MBA Student	Harvard

2003

Adler, Linda	General Medicine	St. Joseph's Hospital
Ang, Gregory	Cardiology Fellow	Duke University
Chang, Katherine	Internal Medicine faculty	Wash, DC VA Hospital.
Chong, Rachel	Endocrine Fellow	Johns Hopkins
Damico, Rachel	Pulmonary/Critical Care fellow	Johns Hopkins
Davis, Luke	Pulmonary/Critical Care fellow	UCSF
Desai, Sanjay	Pulmonary/Critical Care fellow	Johns Hopkins
Dharmadhikari, Ashwin	Pulmonary/Critical Care fellow	Harvard
Donnelly, Erin	Cardiology Fellow	Johns Hopkins
Dunbar, Kerry	GI Fellow	Johns Hopkins
Ernst, Kavita	Cardiology Fellow	Stanford
Halder, Saptarsi	Cardiology Fellow	Harvard
Herman, Benjamin	General Medicine	GBMC
Hill, Rebecca	General Medicine faculty	Harvard
Johnston, Peter	Cardiology Fellow	Johns Hopkins
Juergens, Rosalyn	Oncology Fellow	Johns Hopkins
Lauring, Josh	Oncology Fellow	Johns Hopkins
Lee, Susan	Allergy/Clinical Immunology fellow	Johns Hopkins
McBride, Lucy	Internist	Washington, D.C.
Misch, Ann	Infectious Disease Fellow	Univ. Washington
Nguyen, Geofrey	GI Fellow	Johns Hopkins
Park, Cecilia	Infectious Disease Fellow	Johns Hopkins
Saleh, Assil	Rheumatology Practice	Washington, D.C.
Saliaris, Tas	Cardiology Fellow	Johns Hopkins
Sosnay, Patrick	Pulmonary/Critical Care fellow	Johns Hopkins
Sperati, John	Nephrology Fellow	Johns Hopkins
Stone, Namalie	Infectious Disease Fellow	Emory/CDC
Thompson, Traci	General Medicine practice	Naples, FL
Tom, Sabrina	Pulmonary/Critical Care Fellow	Vanderbilt

Wong Simpkins, Carolyn

Medicine Faculty

Univ. South Carolina

2002

Bilchick, Kenneth

Cardiology Fellow

Johns Hopkins

Bowles Clowse, Megan

Rheumatology Faculty

Duke University

Brodie, Daniel

Pulmonary/Critical Care Fellow

Columbia University

Brown, Cynthia

Pulmonary/Critical Care Fellow

Johns Hopkins

Cavanaugh, Kerri

Nephrology Faculty

Johns Hopkins

Chen, Benson

Pulmonary/Critical Care Fellow

Stanford

Chernetsky Tejedor, Sheri

Medicine Faculty

Emory

Chi, Patty

Allergy/Immunology Faculty

UCSF

Clark, Gregory

Endocrine Faculty

Johns Hopkins

Clarke, John

GI Fellow

Johns Hopkins

Donovan, Marcella

Endocrine Fellow

Columbia University

Dooley, Kelly

Infectious Disease Fellow

Johns Hopkins

Fielder, Jon

Staff Physician

Kjabe, Kenya

Garg, Rahul

Cardiology Practice

Atlanta, GA

Hager, David

Pulmonary/Critical Care Fellow

Johns Hopkins

Hamik, Anne

Cardiology Fellow

Harvard

Hemnes, Anna

Pulmonary/Critical Care Fellow

Johns Hopkins

Herpel, Laura

Pulmonary/Critical Care Fellow

Johns Hopkins

Jacobsen, Eric

Hematology Oncology Faculty

Harvard

Keyhani, Salomeh

Medicine Faculty

Mt. Sinai SOM, NY

Khan, Mohammed

Cardiology Fellow

Cleveland Clinic

Latif, Shuaib

Cardiology Fellow

U. Texas Southwestern

Lyu, Dennis

Pulmonary/Critical Care Fellow

U. of Colorado

McWilliams, Michael

Cardiology Fellow

Cleveland Clinic

Melamed, Michal

Nephrology Faculty

NYU

Moff, Stephen

GI Practice

San Francisco, CA

Mouded, Majd

Pulmonary/Critical Care Fellow

Harvard

Nivatpumin, Philip

Hematology Fellow

Johns Hopkins

Prowell, Tatiana

Oncology Fellow

Johns Hopkins

Pulerwitz, Todd

Cardiology Fellow

Columbia University

Reddy Long, Vandana

GI Fellow

Johns Hopkins

Rothman, Micol

Endocrine Fellow

U. Colorado

Spooner, Amy

Cardiology Fellow

Johns Hopkins

Walker-Ford, Dee

Pulmonary Faculty

Medical College of SC

Wang, David

Oncology Fellowship

Johns Hopkins

Yang, Eric

Cardiology Fellow

Mayo Clinic