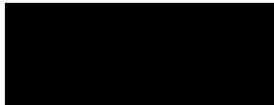


Committee on Energy and Commerce
U.S. House of Representatives
 Witness Disclosure Requirement – “Truth in Testimony”
 Required by House Rule XI, Clause 2(g)

1. Your Name: Monica Kraft, MD		
2. Are you testifying on behalf of the Federal, or State or local governing entity?	YES	NO X
3. Are you testifying on behalf of an entity that is not a government entity?	YES X	NO
4. Other than yourself, please list which entity or entities you are representing: The American Thoracic Society		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that <u>you or the entity you represent have received</u> on or after October 1, 2009: See attached.		
6. If your answer to the question in item 3 in this form is “yes,” please describe your position or representational capacity with the entity or entities you are representing: Dr. Kraft is the President of American Thoracic Society.		
7. If your answer to the question in item 3 is “yes,” do any of the entities disclose in item 3 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	YES	NO X
8. If the answer to the questions in item 3 is “yes,” please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2009, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed: The American Thoracic Society has not received federal grants, contracts or subgrants or subcontracts that exceed 10% of the American Thoracic Society annual revenue. Please see the attachment for listing of federal grants and contracts received by the American Thoracic Society.		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signature: _____



Date: 7/16/12

Monica Kraft MD
Federal Grants
Truth in Testimony Disclosure

2004-2009 Principal Investigator, Program Project 1, PO1 HL073907-01
"Mycoplasma-induced Airway Remodeling in Human Asthma"

Total: \$7,557,683 Project 1: 1,154,131

Project Number: 1P01HL073907-01A1 **Sub-Project ID:** 0001

2005-2010 Co-Investigator, "Microfluidic PCR Platform to Detect Microbial DNA", NIAID \$3,055,525; PI: Thomas Mitchell, Ph.D.

Project Number: 1U01AI066590-01

2006-2010 Principal Investigator, Duke Site, "Asthma Clinical Research Network", \$2,500,000 (2006-2010); subcontract to Wake Forest Site 2004-2010

Project Number: 5R01HS015057-03

2006-2011 Project and Core Leader, NHLBI SCCOR: "Host Factors in Lung Disease" (Jo Rae Wright PI): \$3,325,985; Project 2 and Core Leader: Monica Kraft, M.D.

Project Number: 5R01HL030923-24

2007-2011 Co-investigator, "GSNO Reductase, S-Nitrosothiols, and Asthma", 1 RO1 NIH/NHLBI HL086886, \$1,250,000 PI: Loretta Que, M.D.

Project Number: 1R01HL086887-01

2007-2012 Principal Investigator, 1RO1 HL079428: Platelet-Derived Growth Factor, Remodeling and Asthma; \$700,000

Project Number: 1RO1 HL079428

2009-2014 Principal Investigator, Surfactant Protein A Regulation of Innate Immunity in Asthma P01-AI081672 \$5,523,319

Supplement awarded 9/2011, \$300,000

Project Number: 1P01AI081672-01

2009-2012 Principal Investigator, Innovative Approaches to Better Detect and Treat Asthma and Chronic Obstructive Pulmonary Disease in Durham (Breath in Durham) Duke Clinical Translational Science Award, \$100,000

2009-2016 Principal Investigator, Clinical Centers for the NHLBI Asthma Network (AsthmaNet). Co-PI with Fernando Martinez, M.D., University of Arizona, \$1,505,136 (protocol start-up, clinical core and clinical training core only)

Project Number: 1U10HL098112-01

2009-2012 Mentor, K12 (Mentored Clinical Research Scholars Program) Awardee: Njira Lugogo, M.D.

Project Number: 5P50HL084917-04 **Sub-Project ID:** 9001

2011-2016 Co-investigator, U01, NIAID
Safety of Inverse Agonists in the Treatment of Mild Asthma
PI: Nick Hanania, M.D., Baylor College of Medicine

Project Number: 1U01AI095050-01

ATS Federal Grant Funding

2009-2011

Source	Project	Amount			Project/Order #
		2009	2010	2011	
National Heart Lung & Blood Institute (NHLBI)	Grant Support of ATS Book on Respiratory Disease ("Breathing in America")	\$ 25,000.00	\$ 25,000.00		n/a
National Heart Lung & Blood Institute (NHLBI)	Publications Support: "Surgical Therapies for Lung Disease: Transplant and Lung Reduction" in Proceedings of the ATS Journal Vol 6 #1; 1/15/09	\$ 4,800.00			n/a
National Heart Lung & Blood Institute (NHLBI)	Publications Support: "Developmental Aspects of the Upper Airway" in Proceedings of the ATS Journal Vol 6 #6; 9/15/09	\$ 7,200.00			n/a
National Heart Lung & Blood Institute (NHLBI)	Publications Support: "Cell plasticity in Lung Injury and Repair" in Proceedings of the ATS Journal Vol 8#3; 6/1/2011			\$ 4,800.00	n/a
National Heart Lung & Blood Institute (NHLBI)	Publications Support: "The LUNG-HIV Study" in Proceedings of the ATS Journal Vol 8#3; 6/1/2011			\$ 34,800.00	n/a
National Institutes of Health (NIH)	Publications Support: "Primary Ciliary Dyskinesia and Overlapping Syndrome" in Proceedings of the ATS Journal Vol 8#5; 9/15/2011			\$ 24,000.00	n/a
Center for Disease Control (CDC)	MECOR Program Grant 2009	\$ 27,998.88			200-2009-M-28960
Center for Disease Control (CDC)	MECOR Program Grant 2010		\$ 24,000.00		200-2009-M-31165
Center for Disease Control (CDC)	MECOR Program Grant 2011			\$ 22,000.00	200-2011-M-40789
U.S. EPA	Grant Support for Health Impacts of Global Climate Change Meeting, May 2010		\$ 30,000.00		EP10HH001399
NIHHS	Grant Support for Health Impacts of Global Climate Change Meeting, May 2010			\$ 10,000.00	
TBCTA/USAID	Subcontract: TBCTA Program	\$ 444,663.00	\$ 376,272.68	\$ 387,384.73	0AA-A-10-00020
Totals		\$ 509,661.88	\$ 455,272.68	\$ 482,984.73	

**Curriculum Vitae
Monica Kraft, M.D.**

I. Personal History

Place of Birth: Toronto, Canada

Present position: Professor of Medicine
Vice Chair for Research, Department of Medicine

Director, Duke University Asthma Allergy and Airway Center
Department of Medicine
Division of Pulmonary, Allergy and Critical Care Medicine
Duke University Medical Center

Present Address: Division of Pulmonary, Allergy and Critical Care Medicine
Box 2641
Duke University Medical Center
Durham, NC 27710
Phone: (919) 684-8401
Fax: (919) 684-8408
Email: Monica.Kraft@duke.edu

Citizenship: U.S.A.

Marital Status: Married, Charles B. Cairns, M.D.

II. Educational History

1979-1983 B.A., Chemistry
University of California, Davis, CA

1983-1987 M.D., School of Medicine
University of California, San Francisco, CA

Postgraduate Training:

1987-1990 Residency, Internal Medicine
Harbor-UCLA Medical Center, Torrance, CA

1990-1991 Chief Residency, Internal Medicine
Harbor-UCLA Medical Center, Torrance, CA

1991-1995 Fellowship, Pulmonary & Critical Care Medicine
University of Colorado Health Sciences Center, Denver, CO

1992-1994 Graduate Program, Department of Biometrics and Biostatistics
University of Colorado School of Medicine, Denver, CO

Medical Licensure:

California
Colorado
North Carolina

Board Certification: Diplomate, National Board of Medical Examiners (1988)
Diplomate, Internal Medicine
American Board of Internal Medicine (1990; recertified 2000)
Diplomate, Pulmonary
American Board of Internal Medicine (1994, recertified 2004)
Diplomate, Critical Care
American Board of Internal Medicine (1995, recertified 2005)

III. Professional Positions

1980	Research Assistant University of California, Davis School of Medicine, Davis, CA
1982	Research Assistant Syntex Corporation, Palo Alto, CA
1983	Research Assistant, Department of Chemistry University of California, Davis, CA
1989-1991	Staff (part time), Department of Internal Medicine Kaiser Permanente Medical Center, Harbor City, CA
1990-1991	Instructor, University of California, Los Angeles School of Medicine, Los Angeles, CA
1990-1991	Chief Resident, Department of Internal Medicine Harbor-UCLA Medical Center, Torrance, CA
1991-1995	Fellow, Division of Pulmonary and Critical Care University of Colorado Health Sciences Center, Denver, CO
1994-1995	Instructor, University of Colorado School of Medicine, Denver, CO
1995-2001	Assistant Professor of Medicine University of Colorado School of Medicine, Denver, CO
1995-2001	Assistant Professor National Jewish Medical and Research Center, Denver, CO

1995-2004	Medical Staff Denver Health and Hospitals, Denver, CO
1995-2004	Director, Carl and Hazel Felt Laboratory in Adult Asthma Research National Jewish Medical and Research Center, Denver, CO
1996-2004	Co-Director, Thomas L. Petty Annual Aspen Lung Conference Division of Pulmonary and Critical Care Medicine, University of Colorado Health Sciences Center, Denver, CO
1997-2004	Medical Director, Pulmonary Physiology Unit National Jewish Medical and Research Center, Denver, CO
1998-Present	Medical Staff Veterans Administration Medical Center, Denver, CO
1999-2004	Medical Staff University of Colorado Hospital, Denver, CO
2001-2004	Associate Professor of Medicine University of Colorado School of Medicine, Denver, CO
2001-2004	Associate Professor National Jewish Medical and Research Center, Denver, CO
2004-2007	Associate Professor of Medicine Duke University Medical Center, Durham, NC
2004-Present	Director, Duke Asthma, Allergy and Airways Center Duke University Medical Center, Durham, NC
2004-Present	Medical Staff Veterans Administration Medical Center, Durham, NC
2007-Present	Professor of Medicine Duke University Medical Center
2010-present	Vice Chair for Research, Department of Medicine Duke University Medical Center

IV. Honors and Awards

1980-1983	Rotary Club Scholarship University of California, Davis
1983	Clorox Corporation Chemistry Scholarship University of California, Davis
1983	Chemistry Department Academic Award University of California, Davis
1983	Phi Kappa Phi
1983	Phi Beta Kappa
1983	B.A. with High Honors, University of California, Davis
1984	Santa Clara Medical Auxiliary Scholarship University of California, San Francisco School of Medicine
1990	Solomon Scholar Research Award University of California, Los Angeles School of Medicine
1994-1996	Awardee, Parker B. Francis Fellowship for Lung Research
1995 & 1997	Best Research Presentation Award, Rocky Mountain Conference
1996	NIH Mentored Clinical Scientist Development Award
1997	Best Basic Science Presentation Society for Academic Emergency Medicine
1997	Fellow, American College of Chest Physicians
1999	Fellow, American College of Physicians
2000	Presidential Early Career Award for Scientists and Engineers Presented at the White House by President William J. Clinton
2000-2005	National Institutes of Health PECASE Awardee
2001	Visiting Professor University of Virginia, Charlottesville
2001	Visiting Professor University of Texas Medical Center at Galveston

2002	Visiting Professor University of Miami School of Medicine
2002	Visiting Professor University of Pittsburgh School of Medicine
2003	Visiting Professor National Institute of Health and Environmental Sciences
2003	Pfizer Visiting Professor in Allergic Diseases and Asthma SUNY at Stonybrook
2004	Visiting Professor Washington University School of Medicine
2004	Visiting Professor John Hopkins University
2004	Visiting Professor University of Oregon
2004	Visiting Professor National Institute of Allergy and Infectious Diseases
2004	Visiting Professor University of Oklahoma
2005	Visiting Professor Wayne State University
2006	Visiting Professor University of Wisconsin
2006	Visiting Professor University of Minnesota
2006	Visiting Professor Baylor College of Medicine
2006	Visiting Professor University of California, Davis
2007	Visiting Professor Indiana University

2007	Visiting Professor Boston University and Tufts Medical Center
2007	Visiting Professor University of Alabama, Birmingham
2008	Visiting Professor University of California, Los Angeles
2008	Visiting Professor Northwestern University
2008	Visiting Professor University of Chicago
2008	Visiting Professor Emory University
2008	Visiting Professor Dartmouth Medical Center
2009	Karl Wasserman Visiting Professor Harbor-UCLA Medical Center
2009	Visiting Professor University of Louisville
2009	Jeffery M. Drazen Visiting Professor Partners Asthma Center, Brigham and Women's Hospital, and Massachusetts General Hospital
2009	Visiting Professor Washington University, St. Louis
2009	Visiting Professor University of Newcastle Newcastle, Australia
2010	Visiting Professor University of Birmingham, Alabama
2010	Visiting Professor Fairfax Hospital Fairfax, Virginia

V. Professional Affiliations

1990-Present	American College of Physicians
1991-Present	American College of Chest Physicians
1992-Present	American Thoracic Society
1996-Present	European Respiratory Society
1994-1999	Society of Critical Care Medicine
1994-1999	American Federation for Clinical Research

VI. Professional Service and Committees

Committee & Institutional Service:

1990-1991	Utilization Review Committee, Harbor-UCLA Medical Center, Torrance, CA
1990-1991	Medical Records Committee, Harbor-UCLA Medical Center, Torrance, CA
1990-1991	Critical Care Committee, Harbor-UCLA Medical Center, Torrance, CA
1990-1991	Quality of Care Committee, Harbor-UCLA Medical Center, Torrance, CA
1990-1991	Ethics Committee, Harbor-UCLA Medical Center, Torrance, CA
1995-1998	Ethics Committee, National Jewish Medical and Research Center, Denver, CO
1996-2004	Pulmonary Fellowship Selection Committee, University of Colorado Health Sciences Center, Division of Pulmonary & Critical Care Medicine, Denver, CO
1997-2002	Member, General Clinical Research Center Scientific Review Committee, University of Colorado Health Sciences Center, Denver, CO
1997-2004	Member, Hospital Quality Assurance Committee, National Jewish Medical and Research Center, Denver, CO
1997-2004	Member (including President and Vice President), Steering Committee, Trudeau Society (Medical Branch of the American Lung Association), Denver, CO

1997-2004	Medical Director, Pulmonary Physiology Unit, National Jewish Medical and Research Center
1998-1999	Member, Lab and Imaging Committee, National Jewish Medical and Research Center, Denver, CO
2000-2004	Co-Chair, United Medical Education and Development project with the University of the Philippines.
1999-2004	Medical Student Advisor, University of Colorado School of Medicine
2001	Member, Radiology Chair Search Committee, University of Colorado Health Sciences Center
2001-2004	Member, Faculty Finance Committee, National Jewish Medical and Research Center
2005	Member, Environmental Lung Center Director search committee, Duke University Medical Center
2005-present	Lecturer, Weekly Allergy/Immunology Lecture Series, Duke University
2006-present	Lecture Series Director, "Airway Biology Forum", Duke University Medical Center
2008-present	Clinical Operations Committee, Division of Pulmonary, Allergy and Critical Care Medicine, Duke University Medical Center
2008-2009	Member, Radiology Chair Search Committee, Duke University Medical Center
2010-present	Member, Promotion and Tenure Committee, Duke Medical Center
2010-present	Vice Chair for Research, Department of Medicine, Duke University Medical Center
2011-present	Member, Chancellor's Science Council

National/International Service:

1993	Member, Allergy, Immunology and Inflammation Assembly of the American Thoracic Society
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- 1994 Invited Expert, National Heart, Lung and Blood Institute workshop: "Stress and Asthma," Rockville, MD
- 1996-2002 Member, Program Committee, Allergy, Immunology and Inflammation Assembly of the American Thoracic Society
- 1997 Member, Nominating Committee, Allergy, Immunology and Inflammation Assembly of the American Thoracic Society
- 1997 Invited Expert, National Heart, Lung and Blood Institute workshop: "Chronobiology of Asthma," Bethesda, MD
- 1997 Invited Expert, National Heart, Lung and Blood Institute workshop: "Assessment of Inflammation in Asthma," Ferrara, Italy
- 1998-2000 Member, American Thoracic Society Task Force, Practice Guidelines: "Allergic Disorders"
- 1999 Member, NIH Site Review Committee, General Clinical Research Center, University of Wisconsin, Madison
- 2000 Invited Participant, National Heart, Lung and Blood Institute workshop: "Stress and Asthma", Rockville, MD
- 2000-2004 Member, Planning Committee, Allergy, Immunology and Inflammation Assembly of the American Thoracic Society
- 2000 Invited Expert, National Heart, Lung and Blood Institute Workshop: "Churg-Strauss and Leukotriene Modifiers", Rockville, MD
- 2001 NIH Ad Hoc Reviewer: Lung Biology and Pathology Study Section, National Heart, Lung and Blood Institute
- 2001 Program Chair Elect: Allergy, Immunology and Inflammation Assembly, American Thoracic Society
- 2001 Vice Chair, Airways Network, American College of Chest Physicians
- 2001 Member, Site Review Committee, General Clinical Research Center, University of New Mexico Medical Center
- 2002-2003 Program Chair, Allergy, Immunology and Inflammation Assembly, American Thoracic Society

2002-2004	Member, Membership Committee, American Thoracic Society
2002-2004	Chair, Airways Network, American College of Chest Physicians
2003	Invited Participant, NIH Workshop: "Priorities in Asthma Research", Rockville, MD
2003	Visiting Professor, National Institute of Health and Environmental Sciences, Research Triangle Park, NC
2003	Invited Participant, NIH Workshop: "Research Bronchoscopy Airway Disease, Rockville, MD
2004	Visiting Professor, National Institute of Allergy and Infectious Diseases, Bethesda, MD
2004-2008	Permanent Member, Lung Cellular and Molecular Immunology Study Section, National Heart, Lung and Blood Institute, National Institutes of Health
2005	Lecturer, European Respiratory Society/American Thoracic Society School Course, "The Basics of Asthma, Oslo, Norway
2005	Member, Program and Budget Committee, American Thoracic Society
2005	Member, Research Advocacy Committee, American Thoracic Society
2006-2009	Chair-Elect and Chair, International Conference, American Thoracic Society
2006	Invited Participant, NIOSH/NHLBI workshop, "Environmental Causes of COPD", Bethesda, MD
2006-present	Member, Pulmonary Board, American Board of Internal Medicine
2008-present	External advisor, Program Project Grant, Serpil Erzurum, M.D. (PI)
2009-2010	Secretary-Treasurer, American Thoracic Society

2009-2010	Member, NIH/NIAID Food Allergy Guidelines Panel
2009-2011	Member, NIAID Asthma Outcomes Panel
2010-2014	Member, Program Project Parent Committee, NHLBI
2010-2011	Vice President, American Thoracic Society
2011-present	President-Elect, American Thoracic Society
2011	Invited Participant: NIH/NHLBI Workshop, "Chronic Bronchitis"
2012	President, American Thoracic Society

Community Service:

1997-2004	Member, Steering Committee, Colorado Thoracic Society (Medical Branch of the American Lung Association), Denver, CO
1998-2004	Member, Research Subcommittee, Colorado Thoracic Society (Medical Branch of the American Lung Association), Denver, CO
2000-2002	Vice President, Steering Committee, Colorado Thoracic Society (Medical Branch of the American Lung Association)
2002-2004	President, Steering Committee, Colorado Thoracic Society (Medical Branch of the American Lung Association)
2005-present	Member, Task Force on COPD in North Carolina
2006-2007	Volunteer Reader, Chapel Hill Public Schools
2006-2007	Science Volunteer, Chapel Hill Public Schools
2007-2011	Science Volunteer, Durham Academy

VII. Editorship/Reviewer- Journals

2001-2009:	Associate Editor, European Respiratory Journal
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2009-2012

Associate Editor,
American Journal of Respiratory Cell and Molecular Biology

Reviewer:

1. New England Journal of Medicine
2. American Journal of Respiratory and Critical Care Medicine
3. Journal of Applied Physiology
4. Journal of Allergy and Clinical Immunology
5. Journal of Immunology
6. European Respiratory Journal
7. Clinical and Experimental Allergy
8. Annals of Allergy
9. Lung
8. Respiratory Care
9. American Journal of Medicine
10. Journal of Clinical Investigation
11. American Journal of Respiratory Cell and Molecular Biology

VIII. Teaching/Mentoring Activities

- | | |
|-----------|---|
| 1990 | "Diagnosis and Treatment of Mesothelioma," Resident Lecture, Department of Medicine, Harbor-UCLA Medical Center, Torrance, CA |
| 1990-1991 | Chief Resident, Department of Medicine, University of California, Los Angeles School of Medicine, Los Angeles, CA |
| 1993-2004 | Pulmonary Pathophysiology Course (MEDICINE 6000), University of Colorado School of Medicine, Denver, CO |
| 1995-2004 | Physical Diagnosis Course (IDPT 6000), Pulmonary Section, University of Colorado School of Medicine, Denver, CO |
| 1995-2004 | Director, Asthma Forum lecture series, National Jewish Medical and Research Center, Denver, CO |
| 1996-2004 | Resident Lecture Series, "Asthma for the Internist" and "Use of Chronobiology and Chronotherapy in Medical Practice," University of Colorado Health Sciences Center, Denver, CO |
| 1996-2004 | Critical Care Lecture Series, "Care of the Critically Ill Asthmatic," University of Colorado Health Sciences Center, Denver, CO |

- 1997-1998 Mentor, Cecilia Colmer, Medical Student, University of Colorado
- 1998-2004 Medical Student Pulmonary Pathophysiology Series (PATH 6000), "Pathology of Obstructive Lung Disease," University of Colorado School of Medicine, Denver, CO
- 1998-2004 Pulmonary lecture series, "Principles of Asthma," University of Colorado Health Sciences Center, Denver, CO
- 1999-2002 Mentor, Christina Lewis, M.S., pre-doctoral student. Ph.D. granted 5/02
- 1999-2000 Mentor, Metta Adkinson, Medical Student, University of Colorado
- 2000 Allergy Grand Rounds, National Jewish Medical and Research Center, Denver, CO
- 2000 Co-Chair, United Medical Education and Development project with the University of the Philippines.
- 2000 Medical Grand Rounds, University of Colorado Health Sciences Center: "The Distal Lung in Asthma: Is It Important?" Denver, CO
- 2001-2004 Lecturer, Interpretive Clinical Pathology, Clinical Pathology Elective 2002, University of Colorado Health Sciences Center School of Medicine
- 2002 Allergy Grand Rounds, National Jewish Medical and Research Center, Denver, CO
- 2003-2004 Mentor, Yujun Zhang, Ph.D., Postdoctoral Fellow; Ph.D. granted 11/02; now a postdoctoral fellow at Tulane University
- 2003-2004 Mentor, David Beuther, M.D., Pulmonary Fellow, National Jewish Medical and Research Center
- 2002-2004 Co-Mentor, David Pham, M.D., Pulmonary Fellow, National Jewish Medical and Research Center
- 2005-present Lecturer, "Bacterial Pneumonia" in "Body and Disease" Lecture series, Duke Medical School

2005-present	Lecturer, Capstone Course, Duke Medical School, "Translational Medicine: From Bench to Bedside"
2005	Lecturer, European Respiratory Society/American Thoracic Society School Course, "The Basics of Asthma, Oslo, Norway
2005-present	Lecturer, Pulmonary Fellow Lecture series, Duke University Medical Center
2005-present	Mentor, Njira Lugogo, M.D., Pulmonary Fellow, Duke University Medical Center
2005-present	Mentor, David Slade, M.D., Pediatric Pulmonary Fellow, Department of Pediatrics, Duke University Medical Center
2006-2007	Medical Student Workshop, "Asthma" Body & Disease Lecture Series, Duke University Medical Center
2006	Lecturer, Medical Resident Lecture Series, Duke University Medical Center
2005-present	Lecturer, Pulmonary and Critical Fellow Lecture series, Duke University Medical Center
2005-present	Mentor, Julia Walker, Ph.D., Assistant Research Professor of Medicine, Division of Pulmonary, Allergy & Critical Care Medicine, Duke University Medical Center
2006-present	Mentor, Jennifer Ingram, Ph.D., Assistant Research Professor of Medicine, Division of Pulmonary, Allergy & Critical Care Medicine, Duke University Medical Center
2007-present	Mentor, Daniel Fertel, M.D., Pulmonary fellow, Duke University Medical Center
2007-present	Mentor, Ying Wang, Ph.D. Postdoctoral fellow, Division of Pulmonary, Allergy and Critical Care Medicine, Duke University Medical Center
2007-2008	Medical Student Mentor, Eugene Kim MSIII, Duke University Medical Center
2008-present	Mentor, Amy Pastva, Ph.D., Postdoctoral fellow, Departments of Cell Biology and Physical Therapy, Duke University Medical Center

- 2008-2009 Mentor, Druhan Howell, M.D., Allergy/Immunology Fellow, Duke University Medical Center
- 2008-2009 Mentor, Gregory Metz, M.D., Allergy/Immunology fellow, Duke University Medical Center
- 2009-2011 Mentor, Rafael Firszt, M.D., Postdoctoral fellow, Division of Pediatric Allergy and Immunology, Duke University Medical Center
- 2009 Grand Rounds, Department of General Internal Medicine, Duke University Medical Center
- 2010 Lecturer, Immunology 310, Duke University
- 2010-2012 Mentor, Daniel Breault, M.D., Postdoctoral Fellow, Division of Pulmonary, Allergy and Critical Care Fellow, Duke University Medical Center
- 2011-2012 Mentor, Daniel Gilstrap, M.D., Postdoctoral Fellow, Division of Pulmonary, Allergy and Critical Care Fellow, Duke University Medical Center
- 2011-present Mentor, Divya Bappanad, M.D., Postdoctoral Fellow, Division of Pulmonary, Allergy and Critical Care Fellow, Duke University Medical Center
- 2011 Medical Grand Rounds, Duke Medical Center

Invited Lectures (National/International):

- 1994 Panel Discussant, "Nocturnal Asthma, A Look at the Airways During Sleep," American College of Chest Physicians Annual Scientific Assembly, New Orleans, LA
- 1996 "Chronotherapy in Medicine," American Association for Physician Assistants Annual Meeting, New York, NY
- 1997 "Use of Theophylline in Adults," Asthma Consultant's Course, American Academy of Allergy, Asthma and Immunology Annual Scientific Assembly, San Francisco, CA
- 1997 "Asthma: State of the Art," Texas Tech University Internal Medicine Symposium, Amarillo, TX

- 1997 "Asthma: The Old and the New," Lutheran General Hospital, Park Ridge, IL
- 1997 Chair, "The Roles of Infections and Irritants in the Pathogenesis of Asthma" Symposium at the American Thoracic Society Annual Scientific Assembly, San Francisco, CA
- 1997 "Chronobiology: Clues to Disease Pathogenesis," American Association for Physician's Assistants Annual Meeting, Minneapolis, MN
- 1997 "Use of the NHLBI Asthma Guidelines," Kansas University Medical Center, Kansas City, KS
- 1997 "Use of Chronobiology in Patient Care," Annual Congress for Nurse Practitioners, Washington, DC
- 1998 "Use of the New Guidelines in the Treatment of Asthma," Swedish Medical Center, University of Washington, Seattle, WA
- 1998 "Circadian Rhythms," Annual meeting for the American Academy for Allergy, Asthma and Immunology, Washington, DC
- 1998 Invited Participant, National Heart, Lung and Blood Institute symposium: "Asthma Clinical Research Center", presented at the annual meeting for the American Academy of Allergy, Asthma and Immunology Annual Scientific Assembly, Washington, DC
- 1998 McMaster University Workshop: "The Many Faces of Airway Inflammation," Whistler, British Columbia
- 1998 Invited Participant, National Heart, Lung and Blood Institute symposium: "Asthma Clinical Research Network: Preliminary Results from the Salmeterol or Corticosteroids or SOCS study", presented at the Annual meeting for the American Thoracic Society Annual Scientific Assembly, Chicago, IL
- 1998 Chair and speaker for symposium: "Severe Asthma, A Distinct Entity?" American Thoracic Society scientific assembly, Chicago, IL

- 1998 "Asthma: State of the Art," Visiting Professor, Harbor-UCLA Medical Center, Torrance, CA
- 1998 "Asthma Literature Review," American College of Chest Physicians Annual Assembly, Toronto, Canada
- 1998 "The Use of Biopsy to Assess Airway Inflammation in Asthma," World Asthma Congress, Barcelona, Spain
- 1999 "The Use of Airway Biopsy to Assess Airway Inflammation in Asthma: Is it Worth the Effort?" American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Orlando, FL
- 1999 Chair and speaker for symposium: "The Disparity Between Airway Inflammation and Hyperresponsiveness in Asthma: Are They Related?" American Thoracic Society Annual Scientific Assembly, San Diego, CA
- 1999 Invited Workshop Participant "Analysis of Morphometric Methods to Determine Inflammation in Asthma". University of Leiden, Leiden, Netherlands.
- 1999 Invited Workshop Participant: Evaluating the Utility of Biopsy in Assessment of Inflammation in Asthma. European Respiratory Society Annual Congress, Madrid, Spain
- 1999 Invited Speaker, "Assessing Inflammation in Asthma: The Pros and Cons of Invasive and Non-invasive Techniques". California Thoracic Society Annual Meeting, Santa Barbara, CA
- 1999 Invited Speaker, Plenary Sessions: "Exercise Induced Asthma" and Pro-con debate: "Inhaled Corticosteroids vs. Leukotriene Modifiers" American College of Chest Physicians Annual Scientific Assembly, Chicago, IL
- 2000 Invited Speaker, "Treatment of Severe Asthma". New Jersey Thoracic Society Annual Meeting, New Brunswick, NJ
- 2000 Invited Speaker, "Assessing Inflammation in Asthma" and "The Role of Infection in Asthma Pathogenesis". Montana Thoracic Society Annual Meeting, Bozeman, Montana

- 2000 Invited Speaker, Research Seminar: "Steroid Responsiveness in Asthma: Is the Macrophage Responsible?" Meakins-Christie Laboratory, McGill University, Montreal, Canada
- 2000 Chair and Speaker for symposium: "Asthma Phenotypes: Clinical Phenotypes and Pathological Differences". American Thoracic Society Annual Assembly, Toronto, Canada
- 2000 Invited Speaker, Post Graduate Course: "Natural History of Asthma", American Thoracic Society Annual Scientific Assembly, Toronto, Canada.
- 2000 Invited Speaker, Sunrise Seminar: "Management of Severe Asthma", American Thoracic Society Annual Scientific Assembly, Toronto, Canada.
- 2000 Invited Participant, National Heart, Lung and Blood Institute symposium: "Asthma Clinical Research Network: Inflammatory outcomes in the Salmeterol or Corticosteroids (SOCS) study", presented at the annual meeting for the American Academy of Allergy, Asthma and Immunology, San Diego, CA.
- 2000 Invited Participant, National Heart, Lung and Blood Institute symposium: "Asthma Clinical Research Network: Inflammatory outcomes in the Salmeterol or Corticosteroids (SOCS) study", presented at the annual meeting for the American Thoracic Society Annual Scientific Assembly, Toronto, Canada.
- 2000 Invited Speaker, "Airway Remodeling in Asthma", Respiratory Masters Conference, New Orleans, LA
- 2001 Invited Moderator, "Infections in Asthma" Poster Discussion session, presented at the annual meeting for the American Thoracic Society Annual Scientific Assembly, San Francisco, California.
- 2001 Speaker and Chair, "Inflammation in Asthma: Is It Important?" American Thoracic Society Annual Scientific Assembly, San Francisco, CA
- 2001 Invited Speaker, "Characteristics and Pathology of Severe Asthma", World Asthma Scientific Assembly, Chicago, Ill.

- 2001 Invited Speaker, “Evaluating the Silent Zone: The Distal Lung in Asthma”
World Asthma Scientific Assembly, Chicago, Ill
- 2001 Invited Speaker, “Infections and Asthma” and the “Asthma Clinical Research Network: results of the SOCS and SLIC Trials”
Pennsylvania Allergy Society, Hershey Pennsylvania
- 2001 Invited Speaker, “Salmeterol or Corticosteroids Trial, Los Angeles Allergy Society Annual Meeting
- 2002 Speaker, “Distal Lung Remodeling”; Meakins-Christie Annual Pulmonary Symposium, Montreal, Canada
- 2002 Speaker, “Is the Distal Lung Important?” Pulmonary Symposium, Vienna, Austria
- 2002 Invited Speaker, Postgraduate Course: “Bronchial Biopsies in Clinical Research: Application to Studies of Pathogenesis and the Effects of Treatment”, American Thoracic Society Annual Scientific Assembly, Atlanta, GA
- 2002 Invited Speaker, Postgraduate Course: “Pulmonary Function Testing: Aids to Clinical Decision Making, Indications, Quality Assurance, Interpretation”, American Thoracic Society Annual Scientific Assembly, Atlanta, GA
- 2002 Invited Speaker and Chair, “The Dutch Hypothesis Revisited: Do Asthma and COPD Have a Common Origin?” American Thoracic Society Annual Scientific Assembly, Atlanta, GA
- 2002 Featured Speaker: “Mechanisms of Airway Remodeling”, American Thoracic Society Annual Scientific Assembly, Atlanta, GA.
- 2002 Invited Speaker, “Asthmatic Inflammation: Multiple Components and Common Threads”, American Thoracic Society Annual Scientific Assembly, Atlanta, GA
- 2002 Invited Speaker and Chair, “Targeting the Distal Lung: Do Current Therapies Treat All Areas of Inflammation?” American Thoracic Society Annual Scientific Assembly, Atlanta, GA

- 2002 Invited Speaker, "The Effects of Ozone and Infection in Chronic Asthma", European Respiratory Society, Stockholm, Sweden
- 2002 Invited Speaker, "Pathology of Severe Asthma", American College of Chest Physicians Annual Scientific Assembly, San Diego, CA
- 2002 Invited Speaker, "Asthma Phenotypes: The Role of *Mycoplasma pneumoniae* in Chronic Asthma", American College of Chest Physicians Annual Scientific Assembly, San Diego, CA
- 2002 Invited Speaker, "Clinical Controversy: The Disparity Between FEV1 and Meaningful Clinical Benefit", American College of Chest Physicians Annual Scientific Assembly, San Diego, CA
- 2002 Invited Speaker, "The Dutch Hypothesis: Do Asthma and COPD Have a Common Origin?" American College of Chest Physicians Annual Scientific Assembly, San Diego, CA
- 2002 Invited Speaker, "The Role of the Distal Lung in Asthma", American College of Asthma, Allergy and Immunology Annual Scientific Assembly, San Antonio, TX
- 2003 Invited Speaker, "Does *Mycoplasma pneumoniae* Enhance Neurogenic Inflammation?"; Meakins-Christie Annual Pulmonary Symposium, Montreal, Canada
- 2003 Invited Speaker and Chair, "Tracing the Pathophysiology of Asthma from Severe to Mild Disease", American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Denver, CO
- 2003 Chair, "Infection and Asthma: Protective or Destructive?" American Thoracic Society Annual Scientific Assembly, Seattle, WA
- 2003 Chair, "The Asthma Phenotype: Innate vs. Adaptive Immunity, American Thoracic Society, Seattle, WA
- 2003 Chair and Speaker, "The Understanding of Allergic Asthma: Time to change the Paradigm of Disease Management?" American Thoracic Society Annual Scientific Assembly, Seattle, WA

- 2003 Invited Speaker: “Asthma Clinical Year in Review”, American Thoracic Society Annual Scientific Assembly, Seattle, WA
- 2003 Invited Speaker: “Asthma Research Year in Review”, American Thoracic Society Annual Scientific Assembly, Seattle, WA
- 2003 Invited Speaker, “The Distal Lung in Asthma”, Austrian Society of Pulmonology, Alpach, Austria
- 2003 Invited Speaker, “The Role of Infection in Asthma”, and “Airway Remodeling”, Mexican Society of Pediatric Allergy and Asthma, Puerto Vallarta, Mexico
- 2003 Invited Speaker, Postgraduate Course, “Asthma on the Cutting Edge”, American College of Chest Physicians Annual Scientific Assembly, Orlando, FL
- 2003 Invited Speaker, “New Therapies in Asthma”, American College of Chest Physician Annual Scientific Assembly, Orlando, FL
- 2003 Invited Speaker, “The Distal Lung in Asthma”, American College of Chest Physicians Annual Scientific Assembly, Orlando, FL
- 2003 Invited Speaker, “Airway Remodeling: When Does It Start and Can It Be Stopped?” American College of Allergy and Asthma Annual Scientific Assembly, New Orleans, LA
- 2003 Invited Speaker, “A New Understanding of Asthma Pathophysiology”, American College of Asthma and Allergy Annual Scientific Assembly, New Orleans, LA
- 2004 Invited Speaker, “Pathophysiology of the Distal Lung in Asthma”, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, San Francisco, CA
- 2004 Invited Speaker, “Hygiene Hypothesis” Fukuoka Asthma Forum, Fukuoka, Japan
- 2004 Invited Speaker, “Clinical Results Offer Challenges to Traditional Study Design, American Thoracic Society Annual Scientific Assembly

- 2004 Invited Speaker, Postgraduate Course, “Infections in Asthma and COPD”, European Respiratory Society Annual Scientific Assembly, Glasgow, Scotland
- 2004 Invited Speaker, “Benefits of Inhaled Therapy in Obstructive Disease”, European Respiratory Society Annual Scientific Assembly, Glasgow, Scotland
- 2004 Invited Speaker, “Asthma Therapy: A New View”, Northern California Allergy Society, San Francisco, CA
- 2004 Invited Speaker, “Chronobiologic Cycles and Effects”, American College of Chest Physicians Annual Scientific Assembly, Seattle, WA
- 2004 Invited Speaker, “Clinical Results Offer Challenges to Traditional Study Design”, American College of Chest Physicians Annual Scientific Assembly, Seattle, WA
- 2004 Invited Speaker, “Steroid Resistant Asthma”, American College of Chest Physicians Annual Scientific Assembly, Seattle, WA
- 2004 Invited speaker, “Into the Deep: The Role of the Distal Lung in Asthma”, Japanese Society of Pediatric Allergy and Clinical Immunology, Tokyo, Japan
- 2005 Invited Speaker, The Meakins Christie Annual Scientific Symposium: “Mycoplasma and Asthma”, Montreal, Canada
- 2005 Invited Speaker, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, “Does Mild Asthma Require Treatment?” San Antonio, TX
- 2005 Invited Speaker as American Thoracic Society Representative, Japanese Respiratory Society: “Does *Mycoplasma pneumoniae* Alter the Asthma Phenotype?” and “Airway Inflammation in Asthma” Tokyo, Japan
- 2005 Invited Speaker, “Asthma Treatment: The Next 100 Years”, American Thoracic Society Annual Scientific Assembly, San Diego, CA

- 2005 Invited Speaker, “The Importance of Inflammation in Airway Disease”, American College of Chest Physicians Annual Scientific Assembly, Montreal Canada
- 2005 Symposium Chair, “Therapeutic Breakthroughs in Airway Disorders” American College of Chest Physicians Annual Scientific Assembly, Montreal Canada
- 2005 Invited Speaker, “Can Inhaled Corticosteroids Be Used for Acute Exacerbations of Asthma and COPD?” College of Allergy Annual Scientific Assembly, Anaheim, CA
- 2005 Invited Speaker, “Assessing the Benefits of Inhaled Corticosteroids: More than the FEV1”, College of Allergy Annual Scientific Assembly, Anaheim, CA
- 2006 Invited Speaker, The Meakins Christie Annual Scientific Symposium: “Mycoplasma and Airway Remodeling”, Montreal, Canada
- 2006 Invited Speaker, “Physiologic Measures: What Insight do we Gain by Measuring Lung Function?”, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Miami Florida
- 2006 Invited Speaker, “Mycoplasma and Chlamydophilia (Chlamydia) and Chronicity of Asthma”, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Miami, Florida
- 2006 Invited Speaker, “Pro: Randomized Clinical Trials Permit Post-Hoc Analysis”, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Miami, Florida
- 2006 Invited Speaker, “Airway Remodeling and PDGF in Asthma”, University of Pittsburgh, Pittsburgh, PA
- 2006 Invited Speaker and Symposium Chair, “Treatment Heterogeneity in Asthma”, American Thoracic Society Annual Scientific Assembly, San Diego, CA
- 2006 Invited Speaker, “The Importance of the Distal Lung in Asthma” and “Leukotriene Inhibition in Asthma”, China Asthma Alliance, Changsha, China

- 2006 Invited Speaker, “Severe Asthma”, “Treatment of Mild Asthma”, “New Asthma Guidelines”, “Airway Remodeling”, American College of Chest Physicians Annual Scientific Assembly, Salt Lake City, Utah
- 2006 Invited Speaker, “Disease Modification, Progression and Remodeling – Insights from the ACRN and CARE Trials”, College of Allergy Scientific Assembly, Philadelphia, Pennsylvania
- 2006 Invited Speaker, “Hygiene Hypothesis of Asthma” and “Airway Remodeling in Asthma: How Effective Are Our Therapies?”, Asian Pacific Society for Respiratory Annual Scientific Assembly, Kyoto, Japan
- 2007 Invited Speaker, “Mycoplasma and Chlamydia: Their Role in Asthma”, American Academy of Allergy, Asthma and Immunology Annual Scientific Assembly, San Diego, CA
- 2007 Invited Speaker, “Asthma and Infection”, Cleveland Clinic Asthma Summit, Cleveland, Ohio
- 2007 Symposium Chair, “The Host Response in Asthma: A Look at Innate Immunity”, American Thoracic Society Annual Scientific Assembly, San Diego CA
- 2007 Invited Speaker, “The Poorly Controlled Asthmatic: Pathophysiologic Considerations” and “The Distal Lung in Asthma: Detection of Small Airway Disease”, American Thoracic Society Annual Scientific Assembly, San Diego, CA
- 2007 Invited Speaker and American Thoracic Society Representative, “Pathology of Severe Asthma”, “The Dutch Hypothesis” and “Asthma and Infection”, World Asthma Scientific Assembly, Istanbul, Turkey
- 2007 Invited Speaker, “Airway Remodeling”, “Treatment Controversies in Asthma”, “Infection and the Asthma Phenotype” and “Severe Asthma”: Advances in Asthma and COPD”, Santiago, Chile
- 2007 Invited Speaker, “Inflammation: The Root of it All”, American College of Allergy, Asthma and Immunology, Dallas, Texas
- 2008 Invited Speaker, “Surfactant Protein A in Asthma”, Annual Meakins-Christie Scientific Symposium, Montreal, Canada

- 2008 Invited Speaker, “Controversies in Asthma Therapy”, American Lung Association of Chicago
- 2008 Invited Speaker, “Airway Remodeling”, Issues in Pediatric Asthma, Shanghai, China
- 2008 Invited Speaker, “Biomarkers or Asthma Control Questionnaire: What Predicts Better Asthma Control?” and “Clinical Research: Diversifying Your Site: The University Perspective”, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Philadelphia, PA
- 2008 Clinical Workshops: “Difficult Asthma Cases” and “Chronobiology and Chronotherapy in Asthma”, American Academy of Asthma, Allergy and Immunology Annual Scientific Assembly, Philadelphia, PA
- 2008 Chair and Invited Speaker, “Infection and Asthma: What are the Burning Issues?” American Thoracic Society Annual Scientific Assembly, Toronto, Canada
- 2008 Invited Speaker, “Obesity and Airway Remodeling”, Obesity and Asthma Workshop, American Thoracic Society Annual Scientific Assembly, Toronto, Canada
- 2008 Co-chair, “Asthma: Insights and Expectations” Thomas L. Petty Aspen Lung Conference, Aspen, Colorado
- 2008 Invited Speaker, “Natural History of Asthma” and “Nocturnal Asthma”, European Respiratory Society Annual Scientific Assembly, Berlin, Germany
- 2008 Invited Speaker, “Asthma Update”, Rochester University, Division of Pulmonary and Critical Care Medicine
- 2009 Invited Speaker, “Atypical Infection in Asthma: Interaction with Allergic Inflammation” American Academy of Allergy, Asthma, and Immunology Annual Scientific Assembly, Washington DC
- 2009 Invited Speaker, “Innate Immunity and Asthma” and “Concepts and Controversies in Asthma Therapy”, Meakins-Christie/McGill University Asthma Update, Marrakesh, Morocco

- 2009 Invited Speaker, “Asthma and Gender” and Chair, “Late Breaking Clinical Trials”, American Thoracic Society Annual Scientific Assembly, San Diego, CA
- 2009 Invited Speaker, University of Newcastle Annual Asthma Meeting, “Innate Immunity in Asthma: The Role of Surfactant Protein A”
- 2010 Invited Speaker, “IL-13 and Airway Remodeling” Meakins-Christie/McGill University Asthma Update, Montreal, Canada
- 2010 Invited Speaker, “Is Anything Helpful to Follow the Course of Asthma?”, Pro-Con, “Macrolides in Asthma” and Panel discussion, “Asthma Management”, American Academy of Allergy, Asthma and Immunology Annual Scientific Assembly, New Orleans, LA
- 2010 Invited Speaker, “Challenges in the Management of Asthma in Clinical Practice”
Respiration Day 2010, Parma, Italy
- 2010 Invited Speaker, Concepts and Controversies in Severe Asthma”, Cleveland Clinic Lung Symposium
- 2010 Invited Speaker, “The Feminization of Medicine: Why Not Academia?” European Respiratory Society Annual Scientific Assembly,
- 2011 Invited Speaker, 14th Annual International Meakins-Christie Workshop, “Asthma and COPD”. “Airway remodeling and surfactant” and “Update in COPD Pathogenesis and Treatment”, Amman, Jordan
- 2011 Invited Speaker, “New Treatments for the Poorly Controlled Asthmatic”, Turkish Thoracic Society Annual Scientific Assembly, Antalya, Turkey
- 2011 Invited Speaker, “Use of Induced Sputum in Clinical Research” and “The Distal Airways in Asthma: Are They Important?”, American Academy of Allergy, Asthma and Immunology Annual Scientific Assembly, San Francisco, CA
- 2011 Invited Speaker, “Food Allergy Update”, American Thoracic Society Annual Scientific Assembly, Denver, Colorado
- 2011 Invited Speaker, “The Relevance of the Small Airway in Asthma” and “Results of a Phase 2a Clinical Trial with a

Peptide Inhibitor of MARCKS Protein in Patients with COPD”
European Respiratory Society Annual Scientific Assembly,
Amsterdam, The Netherlands.

2011 Invited Speaker, “Novel Therapies in Asthma” and “Asthma
Literature Review” American College of Chest Physicians
Annual Scientific Assembly, Honolulu, Hawaii.

2011 Invited Speaker, “Severe Asthma: Understanding
Exacerbations”, “Asthma and Infection” and “COPD Update”
Asian-Pacific Society for Respirology Annual Scientific
Assembly, Shanghai, China

2011 Invited Speaker, “Importance of the Small Airways in
Asthma”, “The Neutrophilic Phenotype in Severe Asthma”
“Comorbidities in COPD” World Asthma Scientific Assembly,
Cancun, Mexico

2012 Invited Speaker, ‘Surfactant Protein A as an Innate Immune
Modulator in Asthma’, Meakins-Christie Annual Asthma
Update, Montreal, Canada

2012 Invited Speaker, “Balancing the FDA and EPR3
Recommendations Surrounding LABA Use”; “Shall We Target
the Small Airways in Asthma?”; “Asthma and COPD:
Similarities and Differences”, American Academy of Allergy,
Asthma and Immunology Annual Scientific Assembly,
Orlando, FL

2012 Invited Speaker, “Infection and Asthma” and “Severe Asthma
Phenotypes: Implication for Treatment”, Japanese Respiratory
Society Annual Scientific Assembly, Kobe, Japan.

2012 Invited Speaker, “Asthma Phenotypes in Severe Asthma”
Annual Scientific Assembly, Latin American Thoracic Society
(ALAT), Montevideo, Uruguay.

Invited Lectures (Regional):

1995 "Management of Tuberculosis," Rocky Mountain Conference
on Emergency Medicine and Nursing, Breckenridge, CO

1997 "Management of Status Asthmaticus," Rocky Mountain
Conference on Emergency Medicine and Nursing, Vail, CO

- 1997 "Ventilatory Strategies in ARDS," Allegheny University Symposium: Trauma Tactics: Saving Patients and Trauma Centers, Snowmass, CO
- 1998 "Status Asthmaticus," Colorado Society for Respiratory Care Annual Meeting, Estes Park, CO
- 1999 "Assessing Airway Inflammation: Is There a Gold Standard?" Keystone Conference on Asthma and Allergy, Keystone, CO
- 2000 Workshops: "Pulmonary Function Testing" and "Pulmonary Cases" Keystone Conference on Asthma and Allergy, Keystone, CO
- 2002 "The Role of the Distal Lung in Asthma", Keystone Conference on Asthma and Allergy, Keystone, CO
- 2002 Workshop, "Pulmonary Function Testing", Keystone Conference on Allergy and Asthma, Keystone, CO
- 2003 "Airway Smooth Muscle: An Active Participant in Asthma Pathogenesis", Keystone Conference on Allergy and Asthma, Keystone, CO
- 2003 Workshop Leader, "Pulmonary Function Testing", Keystone Conference on Allergy and Asthma, Keystone, CO
- 2003 Workshop Leader, "Adult Pulmonary Cases", Keystone Conference on Allergy and Asthma, Keystone, CO
- 2003 Workshop Leader, "Update on New Therapies for Asthma", Keystone Conference on Allergy and Asthma, Keystone, CO
- 2004 Workshop Leader, "A Guide to the Interpretation of Pulmonary Function Tests", Keystone Conference on Allergy and Asthma, Keystone, CO
- 2004 Invited Speaker, "Update on Pulmonary Function Testing", Allergy Grand Round, National Jewish Medical and Research Center
- 2004 Invited Speaker, "Airway Inflammation in Asthma"; Annual "Asthma Summit", Durham, NC

- 2004 Invited Speaker, “Asthma Therapy: A New View”, East Carolina University, Greenville, NC
- 2005 Invited Speaker, “Asthma Therapy: Emerging Options”, Thirteenth Annual Dees Symposium on Allergy and Asthma, Durham, NC
- 2005 Invited Speaker, “New Asthma Therapies”, Society of Physician Assistants Annual Assembly, Myrtle Beach, SC
- 2005 Invited Speaker, “Pulmonary Function Testing”, Virginia Allergy Society, Virginia Beach, VA
- 2006 Invited Speaker, “Is the Distal Lung Important?” and “Mycoplasma and Asthma”, Western Allergy Society Annual Scientific Assembly, Lanai, HI.
- 2006 Invited Speaker, “COPD and Comorbidities” and “Do Asthma and COPD Have Similar Origins?” COPD Summit, Duke University and the University of North Carolina. Chapel Hill, NC
- 2006 Invited Speaker, Baldwin Scholarship Dinner Program, Duke University Durham, NC
- 2007 Invited Speaker, “New Therapies for COPD”, COPD Summit, Duke University and the University of North Carolina, NC
- 2008 Invited Speaker, “Severe Asthma”, Duke University Pulmonary and Critical Care Symposium, Duke University Medical Center
- 2008 Invited Speaker, “Traveling Through the Distal Lung”, Intermountain Allergy Society Annual meeting, Coer d-lene, Idaho
- 2009 Invited Speaker, “Emerging Therapies in Asthma” and “Antimicrobials in the Treatment of Asthma” Western Allergy Society Annual Scientific Assembly, Maui, HI
- 2009 Invited speaker, “COPD as a Systemic Disease”, COPD Summit, Duke University and the University of North Carolina
- 2009 Invited Speaker, “Is There a Place for Antimicrobials in Asthma Therapy?” and “Controversies in Asthma

Management”, California Society of Allergy, Asthma and Immunology Annual Scientific Assembly, Huntington Beach, CA

- 2009 Invited Speaker, University of Newcastle Annual Asthma Meeting, “Innate Immunity in Asthma: The Role of Surfactant Protein A”
- 2010 Invited Speaker, Visiting Professor for Grand Rounds at University of Alabama at Birmingham, Alabama. “Innate Immune Dysfunction in Asthma: The Role of Surfactant Protein A”
- 2010 Invited Speaker, COPD Task Force, University of North Carolina at Chapel Hill, Chapel Hill, NC
- 2010 Invited Speaker, Allergy & Asthma Society of Virginia, Virginia Beach, Virginia, “The Clinical Relevance of Small Airways in Asthma: An Emerging Therapeutic Target”
- 2011 Invited Speaker, “Status Asthmaticus”, University of North Carolina, Chapel Hill, Department of Emergency Medicine
- 2011 “Severe Asthma” Medical Grand Rounds, Duke University Medical Center

IX. Research Grants

Federal:

1. 1993-2004 Co-Investigator, NHLBI Asthma Clinical Research Network (HL51834) \$2,500,000
2. 1996-2001 NHLBI Mentored Clinical Scientist Development Award (K08, HL03343) \$407,430
3. 1996-2001 Co-Investigator, Project 2, NHLBI Asthma Program Project Grant (NHLBI HL36577) Studies of the Inflammatory Cascade in Nocturnal Asthma \$196,953
4. 2000-2004 Co-Investigator, Asthma Chronobiology: Central and Lung Interactions, NHLBI (RFA HL-99-011) \$900,000
5. 2000-2005 Principal Investigator, Nocturnal Asthma: Linking Inflammation and Remodeling (NHLBI 1RO1 HL64619-01) \$925,000

6. 2000-2005 Principal Investigator, NIH PECASE Award for significant contributions to the understanding of the mechanisms of pathogenesis of nocturnal asthma. (extension of NHLBI 1R01 HL64619-01, Principal Investigator, Nocturnal Asthma: Linking Inflammation and Remodeling) \$250,000.
7. 2000-2005 Co-Investigator, Recombinant Human Interleukin-4 receptor in Asthma, NIAID (1R01AI47737-01A1) \$425,000
8. 2001-2004 Co-Investigator, Interleukin-13, Myofibroblasts and Loss of Elastic Recoil in Severe Asthma, NHLBI (NIH HL 01012) \$2,690,203 (PI: Sally Wenzel, M.D.)
9. 2004-2009 Principal Investigator, Program Project 1, PO1 HL073907-01 “Mycoplasma-induced Airway Remodeling in Human Asthma” Total: \$7,557,683 Project 1: 1,154,131
10. 2005-2010 Co-Investigator, “Microfluidic PCR Platform to Detect Microbial DNA”, NIAID \$3,055,525; PI: Thomas Mitchell, Ph.D.
11. 2006-2010 Principal Investigator, Duke Site, “Asthma Clinical Research Network”, \$2,500,000 (2006-2010); subcontract to Wake Forest site
12. 2006-2011 Project and Core Leader, NHLBI SCCOR: “Host Factors in Lung Disease” (Jo Rae Wright PI): \$3,325,985; Project 2 and Core Leader: Monica Kraft, M.D.
13. 2007-2011 Co-investigator, “GSNO Reductase, S-Nitrosothiols, and Asthma”, 1 RO1 NIH/NHLBI HL086886, \$1,250,000 PI: Loretta Que, M.D.
14. 2007-2012 Principal Investigator, 1R01 HL079428: Platelet-Derived Growth Factor, Remodeling and Asthma; \$700,000
15. 2009-2014 Principal Investigator, Surfactant Protein A Regulation of Innate Immunity in Asthma P01-AI081672 \$5,523,319 Supplement awarded 9/2011, \$300,000
16. 2009-2012 Principal Investigator, Innovative Approaches to Better Detect and Treat Asthma and Chronic Obstructive Pulmonary Disease in Durham (Breath in Durham) Duke Clinical Translational Science Award, \$100,000
17. 2009-2016 Principal Investigator, Clinical Centers for the NHLBI Asthma Network (AsthmaNet). Co-PI with Fernando Martinez, M.D.,

University of Arizona, \$1,505,136 (protocol start-up, clinical core and clinical training core only)

18. 2009-2012 Mentor, K12 (Mentored Clinical Research Scholars Program)
Awardee: Njira Lugogo, M.D.

19. 2011-2016 Co-investigator, U01, NIAID
Safety of Inverse Agonists in the Treatment of Mild Asthma
PI: Nick Hanania, M.D., Baylor College of Medicine

Pending: Project Leader, Core Leader, NHLBI PPG (P. Noble, PI),
“Hyaluronan in Fibrosis and Asthma” to start 7/1/12

Private Agencies:

1. 1994 -1996 Awardee, Circadian Inflammation in Asthma: Neurohormonal Control. Parker B. Francis Fellowship \$108,000

2. 1996-2001 Co-Investigator, Asthma Research Center Grant, American Lung Association
PI, Tissue Analysis Core, \$121,860
PI, Bronchoscopy Core, \$ 95,425
Co-PI, Project 1, \$451,435
PI, Pilot Project: The effect of *Mycoplasma pneumoniae* on steroid responsiveness in asthmatics

3. 2007-2010 Mentor, Parker B. Francis Fellowship, Jennifer Ingram, Ph.D.,
Awardee, IL-13 and Corticosteroid-Induced Regulation of Platelet-Derived Growth Factor in Asthma

4. 2007-2009 Mentor, American Lung Association, Awardee: Jennifer Ingram, Ph.D.
IL-13 and Platelet-Derived Growth Factor in Asthma

5. 2007-2009 Mentor, American Thoracic Society Grant, Awardee: Njira Lugogo, M.D. “Obesity and Asthma: Modulation of Inflammation by Adipokines and the Effect of Weight Loss

Industry:

1. 2000-2002 Principal Investigator, Merck and Co., Inc.
Airway Fibroblasts and Nocturnal Asthma
\$50,000

2. 2000-2005 Principal Investigator, Merck and Co. Inc.

Montelukast and the Distal Lung
\$125,000

3. 2000-2003 Principal Investigator, Glaxo Wellcome
An Open-Label, 12-Week Study to Evaluate the Effects of A
Corticosteroid-Sparing Dose of Salmeterol/Fluticasone Propionate
Combination Product 50/100mcg BID Via the Diskus Inhaler on
Airway Inflammation, Airway Remodeling, and Bronchial
Hyperresponsiveness in Adults with Persistent Asthma
\$56,133
4. 2000-2003 Principal Investigator, Genentech/Novartis
The Effect Of Omalizumab On Airway Inflammation In Asthma
5. 2005-2011 Principal Investigator: An Epidemiologic Study of Xolair
Evaluating Clinical Effectiveness and Long-Term Safety in
Patients with Moderate to Severe Asthma, Genentech/Novartis
6. 2005-2007 Principal Investigator: A Randomized, Parallel Group, Double-
Blind, Comparative Trial Assessing Lung Function and Other
Measures of Asthma Control in Adults and Adolescents, at least
18 Years of Age, with Persistent Asthma, Who Have Either a
B16-Arg/Arg, a B16-Gly/Gly or a B-16 Arg/Gly Genotype and
are Treated With Fluticasone Propionate/Salmeterol diskus®
Combination Product 100/50mcg or Salmeterol diskus 50 mcg
two times a day, GlaxoSmithKline
7. 2005-2006 Principal Investigator, Medicinova: To determine the efficacy,
safety and tolerability of 4 weeks of treatment with oral MN-001 (
500 mg tid, 750 mg bid, 750 mg qd) or placebo in subjects with
mild to moderate asthma.
8. 2006-2012 Principal Investigator, “Bronchoplasty in Severe Asthma”,
Asthmatx sponsor, \$355,050
9. 2007-2012 Principal Investigator, “Mucin expression and combination
therapy” GSK, sponsor, \$115,724
10. 2007-2012 Principal Investigator (Charles Cairns, M.D., Co-Investigator)
“Metabolomics in COPD” GSK, Sponsor, \$94,609
12. 2007-2012 Site PI: M. Wahidi, M.D., Co-Investigator: M. Kraft, M.D.
Bronchus Technologies Inc. EASE Study to evaluate the use of
valve devices placed bronchoscopically for treatment of severe
COPD
\$40,976

13. 2008-2010 Site PI: Monica Kraft, M.D. BioMarck Pharmaceuticals. Safety and Tolerability of BIO-1106 Inhalation Solution when Administered once Daily for 21 days to Subjects with COPD Associated with Chronic Bronchitis
14. 2007-2010 Page McAdams – PI, Monica Kraft, M.D., Co-investigator, GE Healthcare. Xenospin – to evaluate the utility of hyperpolarized xenon as an imaging modality in COPD.
- 2010-2012 Co-principal investigator, Treatment of the Obese Asthmatic, Merck, Inc.
- 2011-2013 Principal Investigator, Large and Small Airway disease in the Older Asthmatic Patient, Chiesi, Inc.

X. Bibliography

Original Articles in Refereed Journals:

1. Smee DF, Chernow M, Kraft M, Okamoto PM, Prisbe EJ. Synthesis and antiherpetic activity of a 2'-flouroarabinosyl analog of trifluridine. *Nucleosides and Nucleotides* 1988; 7:155-165.
2. Kraft M, French WJ, Laks, MM. Use of the computer to detect the Pardee T wave, a frequent marker of coronary artery disease. *J Electrocardiology* 1992; 24(Suppl): 50-53.
3. Sietsema KE, Kraft M, Ginzton L, Sharma OP. Cardiorespiratory responses to exercise in patients with mild pulmonary sarcoidosis. *Chest* 1992; 102:838-845.
4. Kraft M, Rose C, Irvin C. PFT Corner #47 - "What is wrong with this fit, young cyclist? *Respir Care* 1992; 37(12):1432-1436.
5. Kraft M, Mortensen RL, Colby TV, Newman L, Waldron JA, King TE. Cryptogenic constrictive bronchiolitis: a clinicopathologic study. *Am Rev Respir Dis* 1993; 148:1093-1101.
6. Kraft M, Beam WR, Wenzel SE, Zamora MR, O'Brien RF, Martin RJ. Blood and bronchoalveolar lavage endothelin-1 levels in nocturnal asthma. *Am J Respir Crit Care Med* 1994; 149:946-952.
7. Kraft M, Bettinger CA, Wenzel SE, Irvin CG, Ackerman SA, Martin RJ. Methacholine does not alter bronchoalveolar lavage fluid cell function. *Eur Respir J* 1995; 8:1966-1971.

8. Kraft, M, Torvik JA, Trudeau JB, Wenzel SE, Martin RJ. Theophylline: potential antiinflammatory effects in nocturnal asthma. *J Allergy Clin Immunol* 1996; 97:1242-1246.
9. Kraft M, Pak J, Borish L, Martin RJ. Theophylline's effect on neutrophil function and the late asthmatic response. *J Allergy Clin Immunol* 1996; 98:251-257.
10. Kraft M, Djukanovic R, Wilson S, Holgate ST, Martin RJ. Alveolar tissue inflammation in asthma. *Am J Respir Crit Care Med* 1996; 154:1505-1510.
11. Cairns CB, Kraft M. Magnesium attenuates the neutrophil respiratory burst in adult asthmatic patients. *Acad Emerg Med* 1996; 3:1093-1097.
12. Kraft M, Wenzel SE, Bettinger CM, Martin RJ. The effect of salmeterol on nocturnal symptoms, airway function, and inflammation in asthma. *Chest* 1997; 111:1249-1254.
13. Georges G, Kraft M, Vianna EO, Martin RJ. Human corticotropin-releasing hormone improves overnight FEV1 in nocturnal asthma. *J Asthma* 1998; 35:261-265.
14. Kraft M, Pak J, Martin RJ. Serum cortisol in asthma: marker of nocturnal worsening of lung function? *Chronobiology Int* 1998; 15:85-92.
15. Kraft M, Cassell GH, Henson J, Watson H, Williamson J, Marmion BP, Gaydos CA, Martin RJ. Detection of *Mycoplasma pneumoniae* in the airways of adults with chronic asthma. *Am J Respir Crit Care Med* 1998; 158:998-1001.
16. Kraft M, Striz I, Georges G, Takigawa K, Rennard S, Martin RJ. Expression of epithelial markers in nocturnal asthma. *J Allergy Clin Immunol* 1998; 102:376-381.
17. Kraft M, Djukanovic R, Wilson S, Holgate ST, Martin RJ. Lymphocyte and eosinophil influx into alveolar tissue in nocturnal asthma. *Am J Respir Crit Care Med* 1999; 159:228-234.
18. Kraft M, Vianna EO, Martin, RJ, Leung DY. Nocturnal asthma is associated with reduced glucocorticoid receptor binding affinity and decreased steroid responsiveness at night. *J Allergy Clin Immunol* 1999; 103:66-71.
19. Martin RJ, Kraft M, Beaucher WN, Kiechel F, Sublett JL, LaVallee N, Shilstone J. Comparative study of extended release albuterol sulfate and long acting inhaled salmeterol xinafoate in the treatment of nocturnal asthma. *Ann Allergy Asthma Immunol* 1999; 83:121-126.
20. Kraft M. The distal airways: are they important in asthma? *Eur Respir J* 1999; 14:1403-1417.

21. Langmack EL, Martin RJ, MD, Pak J, Kraft M. Serum lidocaine concentrations in asthmatics undergoing research bronchoscopy. *Chest* 2000; 117: 1055-1060.
22. Israel E, Drazen JM, Liggett SB, Boushey HA, Cherniak RM, Chinchilli VM, Cooper DM, Fahy JV, Fish JE, Ford JG, Kraft M, Kunselman S, Lazarus, SC, Lemanske RF, Martin RJ, McLean DE, Peters SP, Silverman EI, Sorkness CA, Szeffler, SJ, Weiss ST, Yandava CN for the National Heart, Lung and Blood Institute's Asthma Clinical Research Network. The effect of polymorphisms of the β -2 receptor on the response to regular use of albuterol in asthma. *Am J Respir Crit Care Med* 2000; 162:75-80.
23. Dart RC, Goldfrank L, Chyka PA, Lotzer D, Woolf AD, McNally J, Olson KR, Snodgrass WR, Geller RJ, Spyker D, Kraft M, Lipsy R. Combined evidence based literature analysis and consensus guidelines for stocking emergency antidotes in the United States. *Ann Emerg Med* 2000; 36:126-132.
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