

**2009-2010**  
**Summary of Scholarly Activities**  
**Department of Internal Medicine**

**I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS**

Abe K, Toba M, Alzoubi A, Ito M, Fagan KA, Cool CD, Voelkel NF, McMurtry IF, Oka M. Formation of plexiform lesions in experimental severe pulmonary arterial hypertension. *Circulation* 2010 Jun 29;121(25):2747-54.

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Dowell ML, Lavoie TL, Lakser OJ, Dulin NO, Fredberg JJ, Gerthoffer WT, Seow CY, Mitchell RW, Solway J. MEK modulates force-fluctuation-induced relengthening of canine tracheal smooth muscle. *Eur Respir J* 2010;36(3):630-70.

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## II. PUBLISHED ABSTRACTS

Abe K, Toba M, Alzoubi A, Ito M, Fagan KA, Cool CD, Voelkel NF, McMurtry IF, Oka M. Formation of plexiform lesions in experimental severe pulmonary arterial hypertension. *Am J Respir Crit Care Med* 2010 Jun;181:A6336. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A6336](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A6336)

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Bardwell GC, Clark DW, Pastukh V, Gillespie MN. Regulation by hypoxia of histone acetylation at the hypoxic response element of the VEGF promoter in pulmonary artery endothelial cells (PAECs): conspicuous involvement of the transcriptional co-activator and DNA base excision repair enzyme, Ref-1/APE1. *Am J Respir Crit Care Med* 2010;181:A3939. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A3939](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A3939)

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Clark DW, Bardwell GC, Pastukh V, Ruchko MV, Gorodnya O, Gillespie MN. Controlled oxidative DNA damage and repair at the hypoxic response element of the VEGF promoter in hypoxic pulmonary artery endothelial cells. *Am J Resp Crit Care Med* 2010 May 17; 181:A3941. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A3941](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A3941)

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Pastukh V, Reed D, Clark DW, Al-Mehdi A, Gillespie MN. Nuclear oxidant stress in estrogen-stimulated pulmonary artery endothelial cells. *Am J Respir Crit Care Med* 2010 May 17;181:A3948. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A3948](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A3948)

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Rex DK, DiPalma J, McGowan J, Cleveland M. New oral sulfate solution provides superior overall and right colon cleansing versus a standard PEG and electrolyte preparation. *Am J Gastroenterol* 2009;104:S180-1. Abstract no. 479.

Robson M, Stevens TC, Ochoa CD, Barry CF, Sayner S, Stevens T, Wu S. *Pseudomonas aeruginosa* increases cytosolic calcium in pulmonary microvascular endothelial cells, putatively important for p-selective upregulation and neutrophil recruitment into the alveolus. *Am J Respir Crit Care Med* 2010;181:A2666. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A2666](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A2666)



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Rutecki GW. Is treatment according to depreciation ethically distinct from rationing? A Nephrology paradigm. 17th Annual Summer Conference – Global Bioethics: Emerging Challenges Facing Human Dignity, 2010 Jul 16, Bannockburn, Ill (National/International).

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Stevens TC, Robson M, Ochoa CD, Barry CF, Sayner S, Wu S, Stevens T. The *pseudomonas aeruginosa* exotoxin y induces pulmonary microvascular endothelial cell gaps independent of an increase in cytosolic calcium. *Am J Respir Crit Care Med* 2010;181:A2665. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A2665](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A2665)

Yang X, Xin W, Cohen MV, Rich T, Downey JM. Suppressed radical production by intracellular A<sub>2b</sub> adenosine receptors in rabbit cardiomyocytes. *J Mol Cell Cardiol* 2010 May 13;48(Suppl):S34. Abstract no. P-1-22-4.

### III. PUBLISHED BOOKS

### IV. INVITED PRESENTATIONS

Alvarez DF. Invited speaker. Mechanisms of acute injury: role of the endothelium. American Thoracic Society; 2010 May 14-19; New Orleans, LA.

Alvarez D. Invited speaker. On the hunt for endothelial progenitor cells. Pulmonary Conference, University of Pennsylvania; 2010 May 21; Philadelphia, PA.

Alvarez DF. Invited speaker. Point counterpoint: an update in endothelial barrier function. Experimental Biology International Meeting; 2010 May 27; Anaheim, CA.

Broughton W. Invited speaker. Stumbling toward the truth: a scientific and historical look at narcolepsy. The 2009 Narcolepsy Network Annual Conference; 2009 Oct 24; Jacksonville, FL.

Broughton W. Invited speaker. Central sleep apnea: 57 flavors, many treatments and one physiology. Southern Sleep Society 32nd Annual Meeting; 2010 Apr 16; Austin, TX.

Broughton W. Invited speaker. Fatal familial insomnia, science fiction and mad cows: a prion story. Southern Sleep Society 32nd Annual Meeting; 2010 Apr 17; Austin, TX.

Broughton W. Invited speaker. Insomnia, Ice-9 and mad cows: a prion story. Alabama and Florida Societies for Respiratory Care-Spring Meeting; 2010 Mar 15; Orange Beach, AL.

Broughton W. Invited speaker. Restless legs syndrome. Alabama and Florida Societies for Respiratory Care-Spring Meeting; 2010 Mar 15; Orange Beach, AL.

Broughton W. Invited speaker. Fatal familial insomnia, science fiction and mad cows: a prion story. USA College of Medicine Alumni Association Annual Meeting; 2010 Jun 4; Orange Beach, AL.

Cohen MV. Invited speaker. The biology and mechanisms of ischemic preconditioning. Unofficial satellite symposium of 2009 American Heart Association Scientific Sessions; 2009 Nov 15; Orlando, FL.

Cohen MV. Invited speaker. Suppressed radical production by intracellular A<sub>2b</sub> adenosine receptors in rabbit cardiomyocytes. XXth World Congress International Society for Heart Research; 2010 May 13; Kyoto, Japan.

Cohen MV. Invited speaker. Cardioprotective A<sub>2b</sub> adenosine receptors are localized to mitochondria rather than the sarcolemma. XXth World Congress International Society for Heart Research; 2010 May 14; Kyoto, Japan.

Cohen MV. Invited speaker. Both A<sub>2a</sub> and A<sub>2b</sub> adenosine receptors are necessary to reduce infarct size at reperfusion in mouse hearts. XXth World Congress International Society for Heart Research; 2010 May 16; Kyoto, Japan.

Culpepper RM. Invited speaker. ACE inhibitors, ARB's or both. Annual Scientific Session, Alabama Chapter, American College of Physicians; 2010 May 29; Orange Beach, AL.

Culpepper RM. Invited speaker. Hypertension control in the southeast. Consortium for Southeastern Hypertension Control CME Program, "Achieving Cardiovascular Risk Factor Control"; 2010 Jul 17; Mobile, AL.

DiPalma JA. Invited speaker. My patient won't take PEG, now what? Annual Scientific Session of the American College of Gastroenterology; 2009 Oct 24; San Diego, CA.

DiPalma JA. Invited speaker. Small bowel imaging, evaluation of bowel preparation. Mississippi GI Society; 2010 Feb 5; Jackson, MS.

DiPalma JA. Invited speaker. Irritable bowel syndrome. 2010 Feb 19; Germantown, TN.

DiPalma JA. Invited speaker. Gastroenterology journal club, hot topics speaker training meeting. Takeda Pharmaceuticals; 2010 Mar 4; Dallas, TX.

DiPalma JA. Invited speaker. Gastroenterology journal club, hot topics speaker training meeting. Takeda Pharmaceuticals; 2010 Mar 25; Ft. Lauderdale, FL.

DiPalma JA. Invited speaker. Use of biologic therapy in inflammatory bowel disease. 2010 Apr 16; Covington, LA.

DiPalma JA. Invited speaker. Evolution of bowel preparation. Development Symposium. Digestive Disease Week; 2010 May 3; New Orleans, LA.

Fagan KA. Invited speaker. Clinical research in pulmonary hypertension. NHLBI-ORDR Workshop on Strategic Planning Sessions in Pulmonary Vascular Disease; 2010 Mar 9; Bethesda, MD.

Fagan KA. Invited speaker. Pulmonary hypertension in Group II. American Thoracic Society Meeting, Post-graduate Course; 2010 May 14; New Orleans, LA.

Fagan KA. Invited speaker. Cough in adults. Alabama Chapter of the American College of Physicians Annual Meeting; 2010 May 28; Perdido Beach, AL.

Fagan KA. Invited speaker. Management of pulmonary hypertension. Alabama Medicaid Pharmacists Annual Meeting; 2010 Jun 15; Perdido Beach, AL.

Fagan KA. Invited speaker. Basic research in pulmonary hypertension. Pulmonary Hypertension Association International Conference; 2010 Jun 26; Santa Ana, CA.

Fagan KA. Invited speaker. Pulmonary hypertension: diagnosis and treatment. Medical Grand Rounds, Medical Center of Central Georgia; 2010 Sep 8; Macon, GA.

Fouty B. Invited speaker. Blood transfusions and MICU. Alabama Society of Physician Assistants; 2010 Feb 19; Birmingham, AL.

Gerthoffer W. Invited speaker. MiRNAs: therapeutic potential in pulmonary arterial hypertension; symposium – Novel Insights into the Pathogenesis of Pulmonary Arterial Hypertension, American Thoracic Society Annual Meeting; 2010 May 18; New Orleans, LA.

Gillespie MN. Invited speaker. Bending and breaking the DNA code: implications for transcriptional regulation. Davis Cardiovascular Research Institute; 2010 Jun 22-23; Columbus, OH.

Green WK. Invited speaker. Update of 2009 pandemic – outlook for influenza 2010. Medical Group Management Association 21st Annual Professional Development Seminar; 2010 Feb 10; Mobile, AL.

Green WK. Invited speaker. Antibiotic update. Singing River Health System 10th Annual Clinical Update; 2010 Mar 27; Destin, FL.

Haynes J. Invited speaker. Pulmonary complications in sickle cell disease. Memorial Health System Sickle Cell Disease Symposium. Systemwide Multidisciplinary Management. Memorial Regional Hospital; 2009 Oct 27; Ft. Lauderdale, FL.

Haynes J. Invited speaker. Primary care provider guide to preventative care in adults with sickle cell disease. 10th Annual Sickle Cell Regional Conference; 2010 Apr 24; Mobile, AL.

Herrera JL. Invited speaker. Hepatitis B infection: why we care and how to treat. American College of Gastroenterology 74th Annual Postgraduate Course; 2009 Oct 25; San Diego, CA.

Herrera JL. Invited speaker. 2009 Liver meeting update. Gastroenterology Grand Awards, Medical University of South Carolina; 2009 Dec 8; Charleston, SC.

Howell DL. Invited speaker. Food allergies driving you nuts? USA Med School Café, Christ United Methodist Church; 2010 Jan 19; Mobile, AL.

Howell DL. Invited speaker. Food allergy: the detection and management of a growing epidemic. Alabama Chapter, AAP Spring Meeting and Pediatric Update; 2010 Apr 18; Sandestin, FL.

Howell DL. Invited speaker. Anaphylaxis: killer allergy. Alabama Chapter, AAP Annual Meeting & Fall Pediatric Update Meeting; 2010 Sep 26; Birmingham, AL.

Massey CM. Invited speaker. Go red for women. USA Center for Healthy Communities; 2010 Feb 20; Mobile, AL.

Massey CM. Invited speaker. From our heart to yours. Women's Best Heart Truth Community Seminar; 2010 Feb 24; Mobile, AL.

Massey CM. Invited speaker. Heart disease in women. Health & Wellness Session; Mount Hebron Church; 2010 Mar 24; Prichard, AL.

McMurtry IF. Invited speaker. S1P4 receptor mediates S1P-induced vasoconstriction in normotensive and hypertensive rat lungs. Victoria Johnson Center for Pulmonary Obstructive Disease Research, Virginia Commonwealth University; 2009 Oct 12; Richmond, VA.

McMurtry IF. Invited speaker. Elaboration on a rat model of severe PAH. NHLBI-ORDR Workshop on Strategic Planning Sessions in Pulmonary Vascular Disease; 2010 Mar 9; Bethesda, MD.

Oka M. Invited speaker. What is the plexiform lesion? Department of Respiratory Medicine, Toho University School of Medicine; 2009 Dec 14; Tokyo, Japan.

Oka M. Invited speaker. Can hemodynamic unloading reverse vascular remodeling in severe PAH? Department of Respiratory Medicine, Juntendo University School of Medicine; 2009 Dec 18; Tokyo Japan.

Oka M. Invited speaker. The homing peptide CAR as a tool for selective drug delivery to the hypertensive pulmonary artery. Strategic Planning for Pulmonary Vascular Disease Research Workshop sponsored by NIH-HLBI; 2010 Mar 9; Bethesda MD.

Oka M. Invited speaker. Formation of plexiform lesions in an experimental model of severe pulmonary arterial hypertension. International Conference on Pulmonary Circulation; 2010 Jun 4; Prague, Czech Republic.

Rutecki GW. Invited speaker. Staging chronic kidney disease. Gulf Shores Veteran's Administration Consortium Grand Rounds; 2010 Mar 11; Biloxi, MS.

Rutecki GW. Invited speaker. From urban myth to unfortunate reality. Mayo Clinic Market Forces and Organ Transplantation Visiting Professor & Grand Rounds; 2010 Apr 1; Jacksonville, FL.

Rutecki GW. Invited speaker. From urban myth to unfortunate reality. University of Florida Market Forces and Organ Transplantation Grand Rounds; 2010 Apr 2; Jacksonville, FL.

Rutecki GW. Invited speaker. Fluids & electrolytes (severe metabolic alkalemia, hypertension, & potassium depletion in a 54 y.o. man). The Ohio State University Renal Fellows' Conference; 2010 May 14; Columbus, OH.

Rutecki GW. Invited speaker. From urban myth to unfortunate reality. Gulf Shores Veteran's Administration Consortium Market Forces and Organ Transplantation Grand Rounds; 2010 Jun 10; Biloxi, MS.

Rutecki GW. Invited speaker. A hypertension sermon: 3 points. Mobile Infirmary Hospital Grand Rounds; 2010 Jun 15; Mobile, AL.

Rutecki GW. Invited speaker. Teaching a modular graduate class in bioethics as adjunct professor of bioethics, entitled "Medicine & the new healthcare paradigm." Trinity International University; 2010 Jul 12-15; Deerfield, IL.

Stevens T. Invited speaker. Lung endothelial heterogeneity: lesson learned through the systematic study of calcium channels. Harvard Medical School, Center for Vascular Biology, Beth Israel Deaconess Medical Center; 2010 Feb 9-12; Boston, MA.

Stevens T. Invited speaker. Lung endothelial heterogeneity: lesson learned through the systematic study of calcium channels. Emory Medical School, Center for Endothelial Cell Biology; 2010 Mar 2; Atlanta, GA.

Stevens T. Invited speaker. Lung endothelial heterogeneity: lessons learned through the systematic study of calcium channels. Medical College of Georgia, Center for Vascular Biology; 2010 Apr 19; Augusta, GA.

Stevens T. Invited speaker. Point counter-point: soluble adenylyl cyclases disrupt the endothelial cell barrier. Experimental Biology; 2010 Apr 24-28; Anaheim, CA.

Townsley MI. Invited speaker. Grant writing/intramural peer review. Alabama Research Symposium, 2010 Apr 29; Mobile, AL.

## V. NATIONAL PROFESSIONAL RECOGNITION

Ronald C. Allison: [1981 - Present], American College of Chest Physicians, Fellow; [1980 - Present], American Thoracic Society; [1974 - Present], American College of Physicians-American Society of Internal Medicine, Fellow 1996.

Diego Alvarez: Symposium – Chair, "Point counterpoint: An update in endothelial barrier function" Experimental Biology International Meeting April 2010 Anaheim, CA; [2009 – 2010] Circulation Assembly, American Thoracic Society; [2009 – 2010] Web Director Pulmonary, American Thoracic Society; [2007 – 2010] Program committee, American Thoracic Society; [2008 – Present] Respiration Section Steering Committee, American Physiological Society; 2009 Program Committee Respiration Section American Physiological Society; 2009 Nominating Committee Respiration Section American Physiological Society; 2005 – Present International Society for Stem Cell Research; 2000 – Present Federation of American Societies for Experimental Biology.

Barney B. Beaver: Advisory Board: Boston Scientific Corporation.

Eduardo G. Calderon served in the following capacities: Member of the Infectious Disease Fellowship Committee and the Pharmaceuticals and Therapeutics Committee at USA Medical Center, Director of the Tuberculosis Clinic at the Mobile County Health Department, Member of the Tuberculosis Medical Advisory Council for the State of Alabama Department of Public Health. Dr. Calderon continues his research on Vitamin D replacement in burn patients.

Michael V. Cohen: Editorial Board, *Basic Research in Cardiology*: American Heart Association study section: Cardiac Biology/BCT3 2010 Apr.

Errol D. Crook served in the following capacities: Editorial boards: *Journal of Investigative Medicine*, *The American Journal of the Medical Sciences* (Associate Editor), Special Emphasis Panel, NCMHD Centers of Excellence Program (P-20).

Jack A. DiPalma: Moderator. Symposium: Cleansing The Colon. Lecture: My patient won't take PEG, now what? Annual Scientific Session of the American College of Gastroenterology; 2009 Oct 24; San Diego, CA; Moderator. Evolution of bowel preparation. Development Symposium. Digestive Disease Week; 2010 May 3; New Orleans, LA; Foundation Board, World Gastroenterology Organization, 2008-2010; Trustee, American College of Gastroenterology, Board of Trustees, 1995-2009; Past-President, American College of Gastroenterology, 2007-2009; Board of Directors, American College of Gastroenterology Institute for Clinical Research and Education, 2001-2009; Editorial Board, *Gastroenterology and Hepatology*, 2004-2009; Editorial Board, *Nature Clinical Practice*, 2007-2009; Editorial Board, *Southern Medical Journal*, 2000-2009; Technical Advisory Panel, Bovie Medical Instruments, 2005-2009; Folgers Coffee Scientific Advisory Board, 2006-2009; Best Doctor's in America 2003-2009; foundation board of the World Gastroenterology Organization and the steering committee for their Train the Trainor project; editorial board for *Nature Clinical Practice – Gastroenterology and Hepatology*, *Southern Medical Journal*, and *Gastroenterology and Hepatology*.

Karen A. Fagan: Co-Chair, Mini-symposium, "Treatment of PAH" American Thoracic Society International Conference May 2010 New Orleans, LA; [2008 – Present], Southern Society of Clinical Investigation; [2008 – Present], National Institutes of Health; [2008 – 2009] RIBT/LIRR ad-hoc committee Co-chairman and Small Business Grants reviewer 2008-2009; [1998 – Present], Pulmonary Hypertension Association - Scientific Leadership Council & Member, Scientific Sessions Committee; [2008-2010] Chair, Scientific Sessions; 2008, Member, Research Committee; [2004-2008], Facilitator, International Conf, 2002, 2004, 2006, 2008 & 2010; 2008, Present Editorial Board *Advances in Pulmonary Hypertension Journal*; [1996 – Present], American Thoracic Society: Pulmonary Circulation Assembly & Chair; [2009 – 2010], Program Committee Pulm Circulation Assembly; [2008 – 2010], International Conference Committee; [2009 – 2010], Planning Committee - also 2001-03, 2006-08; [2010 – 2011], Nominating Committee - also 2002-03, 2005-06; [2010 – 2011], Clinicians Committee; [2009-2010],

Fellow, Executive Leadership in Academic Medicine; [2009-2010] Associate Editor, *Circulation Journal*; [2006-2010] Western Society of Clinical Investigation; [2006-2008] Councilor, Western Society of Clinical Investigation; 2009 Chair and PC, American Thoracic Society International Conference Committee; 2010 Co-Chair, Grover Conference on the Pulmonary Circulation.

Brian W. Fouty: [2004 - Present], Study Section: National Institutes of Health, Small Business Respiratory Sciences Study Section; [2003 - Present], Journal Reviewer (ad hoc) *American Journal of Physiology* and *Lung Cell Molecular Physiology*; [2003 - Present], Journal Reviewer (ad hoc) *Journal Biological Chemistry*, *Molecular and Cellular Biology*; [2003 - Present], Journal Reviewer (ad hoc) *FEBS Letters*; [2003 - Present], Journal Reviewer (ad hoc) *Journal of Applied Physiology*; [2003 - Present], Journal Reviewer (ad hoc) *American Journal of Respiratory and Critical Care Medicine*; [2003 - Present] Journal Reviewer (ad hoc) *Microvascular Research*; [1992 - Present], American Thoracic Society.

William T. Gerthoffer: Co-Chair, Poster discussion, "The interplay of lung inflammation, lung remodeling, and lung function" American Thoracic Society Annual Meeting, New Orleans, LA; *American Journal of Physiology*, *Cell Physiology*, Editorial Board; *American Journal of Physiology*, *Lung Cell and Molecular*, Editorial Board; *Cell Health and Cytoskeleton*, Editorial Board; American Thoracic Society, Chairman; Planning Committee of the RSF Assembly National Institutes of Health; LCMI study section, RC4 Grants, Reviewer; *Comprehensive Physiology*, *Respiratory Physiology*, Associate Editor.

Mark N. Gillespie: Co-inventor (with Dr. Glenn Wilson) on mitochondrially targeted fusion protein constructs for use in treating oxidant-mediated diseases; Editorial Board, *American Journal of Physiology*, *Lung Cell and Molecular Physiology*; Editorial Board, *American Journal of Respiratory Cell and Molecular Biology*; Program, Leadership, and Long Range Planning Committees, American Thoracic Society; Ad hoc member, SIR/STTR study section; Ad hoc member of National Institutes of Health study sections (1), Special Emphasis Panel (2); American Lung Association Research Peer Review panel; Manuscript reviewer, *American Journal of Physiology*; Manuscript reviewer, *Lung Cell and Molecular Physiology*; Manuscript reviewer, *International Journal of Biochemistry and Cell Biology*; Manuscript reviewer, *Free Radicals in Biology and Medicine*; Manuscript reviewer, *FASEB Journal*; Manuscript reviewer, *Vision Research*; Chairman, Pulmonary Circulation Assembly, American Thoracic Society.

Johnson Haynes, Jr.: 2007-2010 Membership Committee, American Thoracic Society.

Jorge Herrera serves as reviewer for the Liver Section of the Digestive Disease Week and the Annual Meeting of the American Association of Liver Disease; Editorial Board for *Nature Clinical Practice Gastroenterology and Hepatology* as well as the *Journal of Gastroenterology and Hepatology*; reviewer for the *American Journal of*



*Gastroenterology, Journal of Clinical Gastroenterology, Southern Medical Journal and Journal of Clinical Gastroenterology and Hepatology and Alimentary, Pharmacology and Therapeutic Journals*; Abstract Review Committee, American Association for the Study of Liver Diseases, 2005-2009; Section Editor, *Practical Gastroenterology*, 2009; Editorial Board, *Gastroenterology and Hepatology Journal*, 2008-2009; and Best Doctor's in America, 2008-2009, 2009-2010.

William Kevin Green served in the following capacities: Medical Director of the Infection Control and Employee Health for the University of South Alabama Hospital System, Chairperson of the Institutional Review Board, the Infection Control Committee and the Infection Prevention and Review Committee, Chairperson of Mobile Infirmiry Medical Center's Infection Control Committee, Joint Associate Professor of the Department of Physician Assistant Studies, Member of the Infectious Disease Fellowship Committee, the Performance Improvement Council at USA Medical Center and at USA Children's and Women's Hospital, the Medical Executive Committee at USA Medical Center and at Mobile Infirmiry West, the Critical Care Committee, the Resident Mentoring Program, the Financial Conflict of Interest/Conflict of Commitment Committee, Mobile Infirmiry Medical Executive Committee and the Society for Healthcare Epidemiology of America's Guidelines Committee, Participating Judge, Annual Hiram W. Mendenhall, M.D. Memorial Resident Research Day. Dr. Green also serves on the Board of Directors at South Alabama CARES.

Terry J. Hundley, Jr. served as an Associate Activities Director, Alabama Chapter of the American College of Physicians; Associate Counselor, Alpha Omega Alpha Beta Chapter; Board Member, American College of Physicians MKSAP for Students Editorial Board; Judge, Associates Poster Competition, Alabama Chapter American College of Physicians; Judge, Poster Competition, Southern Regional Section of the Society of General Internal Medicine; Medical Student Representative, Governor's Council of the Alabama Chapter of the American College of Physicians.

Ivan F. McMurtry: Editor, American Physiological Society, *Comprehensive Physiology Journal*; Member, Biology Reports' Faculty of 1000 for the Cardiovascular and Respiratory Pharmacology Section; Member at large, leadership committee of American Heart Association, Council on Cardiopulmonary, Perioperative, and Critical Care; Editor (along with M. Gillespie, T. Stevens, and W. Wagner, Jr.) - American Physiology Society's new online journal *Comprehensive Physiology*: Topic on Pulmonary Circulation and non-Respiratory Functions; International Associate Editor, *Circulation Journal*; Manuscript reviewer, *American Journal of Physiology, Lung Cell Molecular Physiology* (Star Reviewer); Manuscript reviewer, *American Journal of Physiology, Heart & Circulation*; Manuscript reviewer, *American Journal of Respiratory and Critical Care Medicine*; Manuscript reviewer, *American Journal of Respiratory, Cell Mol Biology*; Manuscript reviewer, *British Journal Pharmacology*; Manuscript reviewer, *Cardiovascular Research*; Manuscript reviewer, *Chest*; Manuscript reviewer, *Circulation Journal*; Manuscript reviewer, *CRC Critical Reviews in Therapeutic Drug Carrier*

*Systems*; Manuscript reviewer, *Journal of Applied Physiology*; Manuscript reviewer, *Journal of Comparative Physiology*; Manuscript reviewer, *Nature Medicine*; Manuscript reviewer, *Nature Reviews Cardiology*; participated in review of NIH PPG grant applications from S Black et al., Medical College of Georgia (2009 Oct 9).

Kane L. Schaphorst: [2010 – Present] Member, American Thoracic Society.

Troy Stevens: Associate Editor, *American Journal of Physiology – Lung*; Editor, *Experimental Biology and Medicine*; Strategic plan for lung vascular research. Moderator for: NHLBI-ORDR Workshop, Topic: Blood Transfusions in Clinical Medicine; 2010 Feb 2; Bethesda, MD; SEP Reviewer, PO1 Application for University of Illinois; Long Range Planning Committee Chair, Pulmonary Circulation Assembly, American Thoracic Society; External Advisor, Medical College of Georgia PPG Application, P.I. Black.

Mary L. Townsley: Member, NHLBI NITM Study Section; Chair, United Peer Review Steering Committee; Member, National Peer Review Task Force; Member, Research Committee Greater Southeast Affiliate; Editorial Board, *Microvascular Research*; Editorial Board, *Pulmonary Circulation*; Editorial Board, *Frontiers in Physiology*; Editorial Board, *Vascular Physiology*; Reviewer, *American Journal of Physiology*; Reviewer, *American Journal of Respiratory and Critical Care Medicine*; Reviewer, *Circulation Research*; Reviewer, *Environmental Health Perspectives*; Fellow, Cardiovascular Section, American Physiological Society; Fellow of the American Heart Association.

Shannon Tyler served in the following capacities: Member of the Infectious Disease Fellowship Committee, the American Medical Association, the Medical Society of Mobile County, the Infectious Disease Society of America and the Medical Association of the State of Alabama.

John Vande Waa served in the following capacities: Director of the Division of Infectious Diseases, Associate Professor of Internal Medicine, Program Director of the Infectious Disease Fellowship Program, Joint Associate Professor of the Department of Physician Assistant Studies, Chairperson of the Pharmaceuticals and Therapeutics Committee, the Resident Education Committee and the Infectious Disease Fellowship Committee, Member of the Graduate Medical Education Committee, the Infection Control Committee, the P.A. Admissions Committee for Physician Assistant Studies, the Clinical Skills Examination Curriculum Subgroup Committee, the Resident Mentoring Program, the LCME Governance and Administration Subcommittee, the American Society of Tropical Medicine and Hygiene, the Infectious Disease Society of America and the American Federation for Medical Research. Dr. Vande Waa served as Director of the Basic Science Course for the University and instructor for the Med Microbiology core course to sophomore medical students.

## **VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS**

### **Education**

The department has continued to receive excellent evaluations from medical students and residents for its educational activities. For over 10 consecutive years the Internal Medicine Clerkship has been recognized as the best clerkship for third year medical students. The Class of 2010 again honored the department with this award. Several of the departmental faculty were recognized with the red sash award for their educational efforts. Clearly, the department continues to meet its educational mission and is being recognized by its chief customer, the pupils, for success for this endeavor.

### **Scholarly Efforts**

The department has continued to be productive in scholarly achievements, particularly in the area of publications. Again, the Divisions of Gastroenterology and Pulmonary and Critical Care had particularly successful years in this arena. Collaborations of the latter division with the Center of Lung Biology remain fruitful. The residents have been active in scholarly activity primarily through case reports and presentations at regional meetings.

### **Service**

The department continues to deliver excellent clinical service. In general, clinical activities have remained stable across the department despite a decrease in faculty size. In addition to the University Hospitals we continue our clinical activities at Infirmary West Hospital and the Mobile Infirmary Medical Center.

Departmental faculty continue to serve on editorial boards, as journal reviewers, on advisory boards and on grant review panels. Our faculty contribute to the Greater Mobile Community through individual service within organizations (faith-based, not for profit, disease oriented) and individual initiatives.