

CURRICULUM VITAE

PERSONAL DATA

Name: R. Clinton Webb
Birth Date: December 31, 1948
Marital Status: Married, Nancy Carnahan Webb
Children: Rachel Susanne, Ashley Elizabeth

OFFICE ADDRESS

University of South Carolina School of Medicine
6311 Garners Ferry Road, Building 3, Room 250
Columbia, South Carolina 29209
Telephone: 803-216-3905
FAX: 803-216-3330
Cell: 706-691-5041
e-mail: clinton.webb@uscmed.sc.edu

EDUCATIONAL BACKGROUND

1963-1967 Mt. Vernon Township High School, Mt. Vernon, Illinois
1967-1968 University of Iowa, Iowa City, Iowa
1968-1971 Southern Illinois University, Carbondale, Illinois, B.A. (Physiology)
1972-1973 Southern Illinois University, Graduate School, Carbondale, Illinois, M.S.
(Physiology)
1973-1976 University of Iowa, Graduate School, Iowa City, Iowa, Ph.D. (Anatomy)

POSTDOCTORAL EDUCATION

1976-1978 University of Michigan, Department of Physiology, (Post-doctoral
Research Fellow, Michigan Heart Association). Mentor: David F. Bohr, M.D.
1978-1979 Universitaire Instelling Antwerpen, Department of Medicine, Antwerp,
Belgium (Research Associate). Mentor: Paul M. Vanhoutte, M.D., Ph.D.

ACADEMIC APPOINTMENTS

1979-1980 Assistant Research Scientist, Department of Physiology, University of
Michigan
1980-1983 Assistant Professor, Department of Physiology, University of Michigan
1983-1989 Associate Professor, Department of Physiology, University of Michigan
1989-1999 Professor, Department of Physiology, University of Michigan
1996 Visiting Professor, Department of Physiology, University of New Mexico;
Visiting Research Scientist, The Lovelace Institutes, Albuquerque
1999-2006 Robert B. Greenblatt Professor of Endocrinology and Chairperson, Department of
Physiology, Medical College of Georgia
1999-2018 Chairperson, Department of Physiology, Medical College of Georgia, Augusta
University
2000-2014 Adjunct Member, Institute for Molecular Medicine and Genetics, Georgia Regents
University

2006-2020	Herbert S. Kupperman Chair in Cardiovascular Disease, Professor, Department of Physiology, Professor, Department of Surgery, Professor, School of Graduate Studies, Associate Member, Vascular Biology Center, Augusta University
2011-2020	Regents' Professor, Augusta University
2012-2020	Professor of Pharmacology and Toxicology, Augusta University (Secondary appointment)
2020-2021	Adjunct Professor, Department of Physiology, Medical College of Georgia, Augusta University
2020-present	Professor of Cell Biology and Anatomy and Director, Cardiovascular Translational Research Center, University of South Carolina School of Medicine
2021-present	Affiliate Faculty, Biomedical Engineering Program, College of Engineering and Computing, University of South Carolina

SCIENTIFIC ACTIVITIES

Research Interests

The physiology of smooth muscle, with particular emphasis placed on: 1) vascular reactivity in hypertension and diabetes, 2) penile and clitoral erection in sexual dysfunction, 3) mechanisms of bladder dysfunction in diabetes, 4) cellular and subcellular mechanisms of contraction and relaxation of vascular smooth muscle (cell signaling, electrogenic sodium pump, subcellular calcium distribution, monovalent cation movements, nitric oxide, RhoA/Rho kinase, etc.), 5) adrenergic neurotransmission in blood vessels, and 6) intercellular communication between smooth muscle cells.

EDITORIAL BOARDS

American Journal of Physiology, Heart and Circulatory Physiology, Editorial Board, January, 1983-June, 1985, January, 1987-December, 1998, September, 2000-December, 2004, January 2015-present. Heart and Circulatory Physiology, Associate Editor, July, 1985-December, 1986; Associate Editor, January, 2005-December, 2010.

American Journal of Physiology, Endocrinology and Metabolism, Editorial Board, January, 1998-December, 2000.

Hypertension, Editorial Board, 1983-84, 1997-present.

Hypertension, Guest Editorial Board, 13th Scientific Meeting of the Inter-American Society of Hypertension, 1999.

Hypertension, Section Editor, Council for High Blood Pressure Research, 1999.

Hypertension, Guest Editor, 2012-present.

Nigerian Journal of Physiological Sciences, Corresponding Editor, May, 1987.

Journal of Pharmacology and Experimental Therapeutics, Editorial Board, January, 1989-December, 1998; Guest Field Editor, July 1990-December 1992. Field Editor for Cardiovascular Pharmacology, January 1993-December, 1998.

Journal of Hypertension, Editorial Board, 1997-2000.

Circulation Research, Editorial Board 1998-2000.

General Pharmacology: The Vascular System, 1999-2002.

Biological Research for Nursing, Editorial Board, 1998-2002.

Journal of Biomedical Science, 1999-2001.

Cardiovascular Diabetology, Editorial Board, 2001-2006.

Journal of Cardiovascular Pharmacology, Editorial Board, 2001-present.

Vascular Pharmacology, Editorial Board, 2002-present.

Clinical Science, Associate Editor, 2004-07; Editor-in-Chief, 2008-2011.

Current Hypertension Reviews, Editorial Board, 2004-2012.

Current Cardiology Reviews, Editorial Board, June, 2004-May, 2008.

Journal of CardioMetabolic Syndrome, Editorial Board (Founding Member), November, 2005-December, 2010.

Journal of the American Society of Hypertension, Editorial Board, 2006-2011.

Journal of Vascular Research, Editorial Board, 2006-2009.

Open General and Internal Medicine Journal (OGIM), 2007-14.
Therapeutic Advances in Cardiovascular Diseases, 2007-present.
Open Cardiovascular Medicine Journal, 2007-2015.
Journal of Medical Sciences, March, 2009-present.
World Journal of Pharmacology, 2010-15.
CardioRenal Medicine, January, 2011-17.
Asian Journal of Andrology, 2010-present
Life Sciences, Editorial Advisory Board for Proceedings of the Twelfth International Conference on Endothelin, 2011.
Gender Medicine, 2011-present.
Journal of African Association of Physiological Sciences, Editorial Board, 2013-present.
Frontiers in Integrative and Regenerative Pharmacology, 2013-present.
Frontiers in Physiology, Vascular Physiology, 2014-present.
Pharmacological Research, 2014-2017; Associate Editor, 2017-2019.
Austin Journal of Urology, 2014-present.
Frontiers in Cardiovascular Medicine, 2014-present.
American Journal of Hypertension, Associate Editor, 2016-present.
Vascular Pharmacology, Editor, 2019-present.
Medicina, 2020-present.
Evidence-based Complementary and Alternative Medicine, 2020-present.
Sexes, 2020-present.
Biomolecules, 2020-present.

MANUSCRIPT REVIEWS:

Past: ACS Pharmacology and Translational Science, Acta Physiologica Scandanavica, Acta Pharmacologica et Toxicologia, Acta Physiologica Sinica, Agents and Actions, American Journal of Hypertension, American Journal of Physiology (Cell Physiology; Endocrinology and Metabolism; Heart and Circulatory Physiology; Regulatory, Integrative and Comparative Physiology; Lung, Cellular and Molecular Physiology; Renal Physiology), Andrology, Antioxidants, Applied Physiology, Nutrition and Metabolism, Applied Sciences, Archives Internationales de Pharmacodynamie et de Therapie, Arteriosclerosis, Thrombosis and Vascular Biology, Archives of Biochemistry and Biophysics, Artery, Asian Journal of Andrology, Austin Journal of Urology, Australasian Medical Journal, Basic and Clinical Pharmacology and Toxicology, BBA-Molecular Basis of Disease, Biochemical Pharmacology, Biological Research for Nursing, Biology of Reproduction, Biological Research for Nursing, Biomedicine and Pharmacotherapy, Biomed Research International, Biomolecules, Blood Pressure, Blood Vessels, British Journal of Pharmacology, British Journal of Psychology, Canadian Journal of Physiology and Pharmacology, CardioRenal Medicine, Cardiovascular Research, Case Reports in Radiology, Cells, Circulation, Circulation Research, Clinical and Experimental Hypertension, Clinical and Experimental Immunology, Clinical Physiology, Clinical Science, Comprehensive Physiology, Coronary Artery Disease, Current Cardiology Reviews, Current Hypertension Reviews, Current Medicinal Chemistry, Diabetes, Diabetologia, Endocrinology, Endothelium, European Journal of Hypertension, European Journal of Inflammation, European Journal of Pharmacology, Evidence-Based Complementary and Alternative Medicine, Experientia, Expert Opinion on Therapeutic Targets, FASEB Journal, Federation Proceedings, Frontiers in Cardiovascular Medicine, Frontiers in Endocrinology, Frontiers in Immunology, Frontiers in Integrative and Regenerative Pharmacology, Frontiers in Pharmacology, Frontiers in Physiology, Gender Medicine, General Pharmacology: The Vascular System, Genomic and Molecular Cardiovascular Medicine, Healthcare, Heliyon, Hypertension, Hypertension Research, International Journal of Impotence Research, International Journal of Molecular Sciences, Japanese Journal of Pharmacology, Japanese Journal of Physiology, Journal of the African Association of Physiological Sciences, Journal of the American Society for Hypertension, Journal of Applied Physiology, Journal of Cardiovascular Pharmacology, Journal of Cardiovascular Translational Research, Journal of CardioMetabolic Syndrome, Journal of Clinical Investigation, Journal of Comparative Physiology, Journal of Endocrinology, Journal of General Physiology, Journal of Human Hypertension, Journal of Hypertension, Journal of International Medical Research, Journal of Molecular and Cellular Cardiology, Journal of Nutritional Biochemistry,

Journal of Pharmacy and Pharmacology, Journal of Pharmacology and Experimental Therapeutics, Journal of Physiology, Journal of Physiology and Pharmacology, Journal of Reproductive Immunology, Journal of Sexual Medicine, Journal of Urology, Journal of Vascular Research, Journal of Vascular Medicine and Biology, Journal of Women's Research, Laboratory Investigation, Life, Life Sciences, Medicina, Mitochondrion, Molecular Medicine Reports, Nature, Nature Communications, Nature Medicine, Naunyn-Schmiedeberg's Archives of Pharmacology, Neurochemical Research, Nitric Oxide, Nutrients, Open Cardiovascular Medicine Journal, Oxidative Medicine and Cellular Longevity, Pathogens, Pflügers Archiv (European Journal of Physiology), Pharmacological Research, Pharmacology, Pharmacology and Therapeutics, Physiological Genomics, Physiological Reports, Physiological Research, Placenta, PLoS One, Proceedings of the National Academy of Science USA, Proceedings of the Society for Experimental Medicine Biology, Prostaglandins, Purinergic Signaling, Reviews in Cardiovascular Medicine, Science, Scientific Reports, Sexes, The Open Biochemistry Journal, Therapeutic Advances in Cardiovascular Disease, Tissue and Cell, Vascular Pharmacology, World Journal of Pharmacology.

2021: American Journal of Hypertension, American Journal of Physiology (Cell Physiology; Heart and Circulatory Physiology), Andrology, Antioxidants, British Journal of Pharmacology, Journal of Reproductive Immunology, Canadian Journal of Physiology and Pharmacology, Clinical Science, European Journal of Inflammation, Frontiers in Cardiovascular Medicine, Heliyon, Hypertension Research, Journal of Cardiovascular Pharmacology, Journal of Cardiovascular Translational Research, Journal of Clinical Investigation, Journal of Reproductive Immunology, Life, Molecular Medicine Reports, Nutrients, Pathogens, Physiological Reports, Physiological Research, Reviews in Cardiovascular Medicine, Scientific Reports.

GRANT SUPPORT

Past

Role of cellular calcium in hypertensive blood vessels, Postdoctoral Research Fellowship Award, Michigan Heart Association, \$12,000, 1976-77.

Na-K ATPase in blood vessels from hypertensive rats, Postdoctoral Research Fellowship Award, Michigan Heart Association, \$12,000, 1977-78.

Vascular smooth muscle function in hypertension, Grant-in-Aid, Michigan Heart Association, \$11,351, 1980-81.

Calcium and vascular smooth muscle in hypertension, Faculty Research Project, The University of Michigan, Michigan Memorial Phoenix Project, \$2,500, 1980-81.

Altered vascular function in hypertension, National Institutes of Health, Research Career Development Award, HL-00813, \$203,330, 1980-85.

Genetic aspects of vascular changes in hypertension, Grant-in-Aid, Michigan Heart Association, \$15,359, 1981-82.

Red blood cell membrane in hypertension, National Institutes of Health, HL-18575, \$266,519, Collaborating Investigator (P.I. Dr. David F. Bohr), 1981-86.

Central actions of mineralocorticoids on blood vessels, Principal Investigator, National Institutes of Health, HL-18575, \$63,600, 1984-86.

Altered vascular response following ice water immersion, Biomedical Research Council, University of Michigan, \$5,200, Collaborating Investigator (P.I. Dr. David F. Bohr), 1986.

Cellular mechanism for bevantolol-induced vasodilatation; Warner-Lambert Company, Ann Arbor, Principal Investigator, \$5,000, 1988.

Vascular reactivity to angiotensin II and a novel antagonist; Triton Biosciences, Inc., Alameda, California, Principal Investigator, \$6,100, 1986-1988.

Molecular and cellular aspects of vascular smooth muscle function, Co-Principal Investigator, National Science Foundation, \$14,000, 1989; Principal Investigator, \$14,415, 1994.

Vascular responses to endothelin, an endothelium-derived contracting factor, Biomedical Research Support Grant, University of Michigan, Principal Investigator, \$4,470, 1988-1989.

Membrane permeability and the CNS in DOCA hypertension, Collaborating Investigator (P.I. D.F. Bohr); NIH HL-39106, \$93,381, July 1, 1987 -June 30, 1990.

Altered blood vessel function in hypertension, Principal Investigator, National Institutes of Health, HL-27020, \$118,861, 1982-85; \$329,518, 1985-1991.

Altered ion metabolism in hypertension, National Institutes of Health, HL-18575, Program Project Grant, \$2,254,667, Director and Project Leader on 2 Subprojects, Collaborator on 3 Subprojects, 1991-94.

Endothelium-dependent vasodilation and angiotensin converting enzyme inhibition, Hoechst-Roussel Pharmaceuticals, Inc. and The Upjohn Company, \$26,000, 1991-92.

The influence of CS-045, an insulin sensitizing drug, and quinapril, an angiotensin-converting enzyme inhibitor on blood pressure and vascular reactivity in genetically hypertensive rats. Warner Lambert-Parke Davis Pharmaceutical Research Division, \$50,000, 1993-95.

Mechanisms of vascular change in hypertension, National Institutes of Health, HL-18575, Program Project Grant, \$4,343,086, Director and Project Leader on 2 Subprojects, Collaborator on 3 Subprojects, 1994-99.

Metabolic determinants of hypertension, National Institutes of Health, HL-18575, Program Project Grant, \$7,201,955, Director and Project Leader on 2 Subprojects, Collaborator on 3 Subprojects, 1999-2004.

Molecular and cellular aspects of vascular smooth muscle function, National Science Foundation, Principal Investigator, \$14,415, 1999-2000.

Aldosterone receptor antagonism and endothelium dysfunction in atherosclerosis, Monsanto Co., \$77,903, 1999-2000.

Vascular smooth muscle glucose transport in hypertension, National Institutes of Health, RO1 HL-65567, \$250,000, Collaborating Investigator (Principal Investigator: F.C. Brosius), 2001-2003.

American Physiological Society Fall Conference, Understanding Cardiovascular and Renal Function through Physiological Genomics, Organizing Committee, September/October, 2003.

Erectile function and the influence of Rho-kinase, National Institutes of Health, RO1 DK-59467, \$909,775, Collaborating Investigator (Principal Investigator: Christopher J. Wingard), 2001-2005.

Nitric oxide inhibits RhoA/Rho-kinase in penile erection, National Institutes of Health, RO1 HL-71138, \$1,000,000, Principal Investigator, 2003-2007.

Molecular and cellular aspects of vascular smooth muscle function, National Science Foundation, Principal Investigator, \$25,538, 2006-2007.

Cytokines and angiotensin II-induced hypertension, National Institutes of Health, HL-74167, Program Project Grant, Director and Project Leader on 2 Subprojects, 2004-2009.

Impact of royal jelly on the recovery of erectile function in non-obese type 2 diabetic rat, Yamada Bee Farm Grant for Honeybee Research, \$5,000, Co-Investigator, 2009-2011.

In the penis, RhoA activation is enhanced by guanine nucleotide exchange, National Institutes of Health, RO1 HL-71138, \$1,000,000, Principal Investigator, 2007-2012.

TNF-alpha: A key player in erectile (dys)function, National Institutes of Health, RO1 DK-83685, \$1,000,000, Principal Investigator, 2009-2013.

Toll-like receptor 9: A novel link between placenta-derived mitochondrial DNA and development of maternal vascular dysfunction in preeclampsia. Preeclampsia Foundation, \$25,000, 2013-2014.

Toll-like receptor 4 mediates diabetic bladder dysfunction. Urologic Complications of Diabetes Pilot/Feasibility Program (13GHSU302), NIDDK, \$100,000, Principal Investigator, 2013-14.

Cardiotonic steroids and vascular complications of preeclampsia. Society for Women's Health Research, \$100,000, Principal Investigator, 2011-2014.

Chromatin protein HMGB1 triggers endothelial dysfunction in diabetes via TLR4. DiaComp Pilot/Feasibility Program (14GHSU1435), NIDDK, \$100,000, Principal Investigator, 2014-15.

Brazilian Scientific Mobility Program, Student and Postdoctoral Scholarships (Science without Borders Program; Rita Tostes, Coordinator, University of São Paulo- Ribeirão Preto), \$186,200, 2012-15.

Toll-like receptor 9 activation causes vascular injury in hypertension. American Heart Association, Grant-in-Aid (15GRNT25700451), \$165,000, Principal Investigator, 2015-17.

Toll-like receptor 4 mediates diabetic bladder dysfunction. DiaComp Pilot/Feasibility Program (15GHSU2528), NIDDK, \$100,000, Principal Investigator, 2015-16.

Toll-like receptor 4 mediates diabetic bladder dysfunction. Bridge Funding Program, Augusta University, \$75,000, Principal Investigator, January, 2018-December, 2018.

Early life stress, damage-associated molecular patterns and cardiovascular risk, RO1 HL-136630, \$1,689,288, Co-Investigator (Principal Investigator, Yanbin Dong), 2017-2020.

Current

Damage-associated molecular patterns in hypertension, National Institutes of Health, HL-134604, Program Project Grant, \$6,212,275, Director and Project Leader on 2 Subprojects, Collaborator on 3 Subprojects, 2017-22.

Thermosensitive TRPM8 channels and diabetic erectile dysfunction. DiaComp Pilot/Feasibility Program, NIDDK, \$100,000, Principal Investigator, January, 2019-March, 2021.

MILITARY SERVICE

Illinois Army National Guard, 1971-73

Iowa Army National Guard, 1973-76

Michigan Army National Guard, 1976-78

HONORS AND AWARDS

Recipient, Public Research Lecture Award, Iowa Chapter of Sigma Xi, September, 1975.

Member, Honor Society of Phi Kappa Phi, September, 1973 - present.

Visiting Scientist, Invitation by Graduate Student Body, Department of Physiology, Michigan State University, November 23, 1982.

Recipient, Research Career Development Award, National Heart, Lung and Blood Institute, National Institutes of Health (HL-00813), December, 1980-November, 1985.

Recipient, C. and F. DeMuth Award, Swiss Medical Research Foundation, International Society of Hypertension, February, 1982.

Fellow, Cardiovascular Section, American Physiological Society, April, 1982.

Recipient, Harold Lamport Award, Cardiovascular Section, American Physiological Society, April, 1982.

Fellow, American Heart Association, Council for High Blood Pressure Research, 1982.

Honorable Mention, Louis N. Katz Basic Science Research Prize for Young Investigators. Council on Basic Science, American Heart Association, November 1982.

Recipient, Travel Award for the XXIX International Congress of Physiological Sciences. Sydney, Australia, August, 1983.

Certificates of Appreciation, American Heart Association of Michigan, 1991, 1993, 1994.

Elizabeth Dunaway-Burnham Visiting Scientist, Department of Physiology, Dartmouth Medical School, Lebanon, New Hampshire, June 21, 1995.

Sterling Drug Visiting Professor, Department of Pharmacology and Neuroscience, Albany Medical College, Albany, New York, April 16, 1997.

Washtenaw Intermediate School District Organization Award, Females in Technology, Ann Arbor, Michigan, May 7, 1998.

Distinguished Service Award, American Heart Association of Michigan, 1998.

Outstanding Faculty Award, School of Graduate Studies, Medical College of Georgia, 2002.

Volunteer Recognition Award, American Heart Association, Research Administration, 2003.

Recipient, Bodil M. Schmidt-Nielsen Distinguished Mentor and Scientist Award, Women in Physiology Committee, American Physiological Society, Washington, D.C., April 28, 2004.

E. Eric Muirhead Hypertension Research Day Lectureship, The Cardiovascular-Renal Center of the University of Tennessee Health Science Center, Memphis, Tennessee, November 3, 2004.

Distinguished Basic Science Research Award, Medical College of Georgia Research Institute, Augusta, Georgia, April 16, 2009.

Regents' Professor, Augusta University, 2011.

Carl J. Wiggers Award, Cardiovascular Section, American Physiological Society, 2012.

AstraZeneca Award, International Society for Hypertension, 2012.

Sixth David F. Bohr Lecture, 11th International Symposium on Mechanisms of Vasodilatation, 2013, Zurich, Switzerland.

Irvine Page and Alva Bradley Lifetime Achievement Award, Council for High Blood Pressure Research, American Heart Association, 2013.

Georgia Regents Research Institute Lifetime Achievement Award, Georgia Regents University, 2015.

Fellow, American Society of Hypertension, 2016.

Distinguished Research Award, The Graduate School, Augusta University, 2017.
Inaugural Sibley Hoobler Lecture, Frankel Cardiovascular Center, University of Michigan, Ann Arbor, Michigan, September 8, 2017.
Excellence Award for Hypertension Research, Council on Hypertension, American Heart Association, 2018.
Annual Postdoctoral Travel Award named in my honor, Department of Physiology, Medical College of Georgia at Augusta University, 2019.
Mayerson-DiLuzio Memorial Lecture, Department of Physiology, Tulane University School of Medicine, New Orleans, Louisiana, March 11, 2019.
Fellow, American Physiological Society, 2019.
Certificate of Appreciation for Supporting the Physician Scientist Program of the National Defense Medical Center, Taipei, Taiwan, May 31, 2019.
Sterling Professor, 46th Pharmacology Colloquium, Michigan State University, University of Michigan, University of Toledo and Wayne State University, Toledo, Ohio, June 21, 2019.

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

Member, Honor Society of Phi Kappa Phi (1972-present), Public Relations Officer (2012)
Member, American Physiological Society (Cardiovascular Section, Cell and Molecular Physiology Section).
Member, Michigan Heart Association (American Heart Association Affiliate), Vice-President (1991-92), President-Elect (1992-93), President (1993-94), Immediate Past-President (1994-95).
Member, Society for Experimental Biology and Medicine, Councillor (2004-08).
Fellow, Council for High Blood Pressure Research, American Heart Association, Assembly Alternate (1999), Chair-elect (2006-08), Chair (2008-10), Immediate Past-Chair (2010-2012).
Member, Serotonin Club.
Fellow, Council on Circulation, American Heart Association.
Member, The Inter-American Society of Hypertension.
Member, Sigma Xi.
Member, American Society of Hypertension.
Member, International Society of Hypertension
Member, American Society for Pharmacology and Experimental Therapeutics
Member, North American Vascular Biology Organization.
Member, Association of Chairs of Departments of Physiology (2000-present), Councillor (2005-08), President-elect (2008-09), President (2009-10), Immediate Past-President (2010-11).
Member, Carolinas and Georgia Chapter, American Society of Hypertension.
Member, American Association for the Advancement of Science
Member, International Society for Sexual and Impotence Research.
Chair-Elect (2005-06); Chair (2006-07), Division for Systems and Integrative Pharmacology, American Society for Pharmacology and Experimental Therapeutics.
Member, The Biochemical Society (2005-present).
Member, Sexual Medicine Society of North America (2009-present).
Member, Society for Women's Health Research (2009-present).
Member, Society for Gynecologic Investigation (2011-present).
Chair, Cardiovascular Pharmacology Division Awards Committee, American Society for Pharmacology and Experimental Therapeutics (2013-18).
Member, American Urological Association (2016-present).
Member, Georgia Urological Association (2016-2018)
Member, Society for Pelvic Research (2016-present)

TEACHING ACTIVITIES

Augusta University

School of Medicine, Medical Physiology 5150, Small Group Problem Solving; Spring Semester, 2000 (four sessions); Spring Semester, 2001(three sessions); Spring Semester, 2002 (three sessions);

Spring Semester, 2003 (three sessions); Spring Semester, 2004 (three sessions); Spring Semester, 2005 (four sessions); Spring Semester, 2005 (one lecture); Fall, 2014 (two lectures); Fall, 2017 (one lecture, Muscle Day).

School of Medicine, Students for Community Involvement 2000-2019 (one lecture per year).
Student Educational Enrichment Programs, Research Apprentice Program, Summer, 2000-01.
Student Educational Enrichment Programs, Physiology 200, 2 lectures, 2001.
School of Graduate Studies 8020, Functional Cell Biology, unit director (Cell Signaling I), four lectures; two conferences, Fall, 2000.
School of Graduate Studies, Physiology Seminar for Graduate Students, Fall, 2000.
School of Graduate Studies 8110, Physiomics and Pharmacological Genomics, Course Director, six lectures, four discussion sessions, Fall, 2001.
School of Graduate Studies 8032, Essentials in Physiology and Pharmacology, two lectures, Spring, 2002.
School of Graduate Studies 8120, Cardiovascular Physiology and Pharmacology, two lectures, Spring, 2002-03; Fall 2008, Fall 2010, Fall 2012.
School of Graduate Studies 8012, Scientific Communications, one lecture, Spring, 2002-12.
School of Allied Health, PHY3110, Principles of Physiology, two lectures, Fall, 2002; four lectures, Fall, 2003; four lectures, 2004.
School of Graduate Studies 8130, Studies Scientific Grant Writing, two lectures, Fall, 2003-2011.
School of Graduate Studies 8040, Molecular Medicine, one lecture, one discussion session, Spring, 2004-06.
School of Medicine, Pediatrics 5085, Students for Community Involvement, one lecture, Spring, 2004-2019.
School of Graduate Studies, SGS 8011, Responsible Conduct of Research, one lecture, Fall, 2005-2011; 2 lectures, Fall, 2012; Course Director, 2013-19.
School of Graduate Studies SGS 8033, Integrative Systems Biology, one lecture, Spring, 2006-2009.
School of Graduate Studies SGS 8065, Critical Analysis of the Mechanisms of Disease, one lecture, Spring, 2006-2007.
School of Graduate Studies SGS 9210, Investigation of a Problem, eight discussion sections, Summer, 2006.
School of Graduate Studies, PSIO 9010, Seminar in Physiology, sixteen discussion sections, Fall, 2010, Winter, 2011, sixteen sessions; Fall, 2011, sixteen discussion sections; Winter, 2012, seventeen discussion sections; Fall 2012, sixteen discussion sections.
College of Nursing, Graduate Student Research Immersion Course, Fall, 2017.
Institute for Public and Preventive Health, 2018 Public Health Summer Scholars Program, one lecture, Summer, 2018.

The University of Michigan

Physiology 101, Human Physiology, Laboratory and Discussion Sessions, 1976-78; six lectures, 1979-80.
Physiology 501, Human Physiology for Graduate Students, two lectures, 1980.
Physiology 806, Cardiovascular Regulation, graduate student seminar course, 1980-81, 1987.
Physiology 502, Human Physiology for Dental Students, eight lectures, 1980-1981; five lectures, 1986; four lectures, 1987; three lectures, 1988; four lectures, 1989; nine lectures, 1990; four lectures, 1992; eight lectures, 1993; four lectures, 1995.
Physiology 502, Human Physiology, for dental students, fifteen lectures and laboratory director, 1981-82
Physiology 502, Human Physiology for Dental Students, Course Director 1982-85
Pharmacology 604, Cardiovascular Pharmacology, graduate student seminar course, 1984, 1986
Predoctoral Training in Physiology (T32), 1984-99
Predoctoral Training in Pharmacological Sciences (T32), 1985-99
Postdoctoral Training in Cardiovascular Sciences (T32, Co-Director), 1989-99
Physiology 606, Current Topics in Physiology, graduate student seminar course, 1985, 1986, 1987, 1997-98, Winter, 1999.
Mentor, Medical Scientist Training Program (NIH supported), 1987-1999.
Physiology 604, Physiology of Aging, three lectures, 1986; three lectures, 1988; three lectures, 1990.
Physiology 505, Laboratory Physiology for Graduate Students, one lab, 1987; one lab, 1988.
Preclinical Advisory Program, 1989-93.
Wade McCree Incentive Scholarship Program, three sessions, 1989, 1991.

Minority High School Student Research Apprentice Program, Summer, 1990-99.
Program in Scholarly Research for Urban/Minority High School Students, Summer, 1990, 1991, 1993.
King/Chavez/Parks Summer Workshop, July, 1990, July, 1992, July, 1993, July, 1994.
Comprehensive Studies Program-Mentorship Program, College of Literature, Science and Arts, 1990-91.
Core Lectures in Cardiology, Vascular Physiology, two sessions, 1991
Physiology 519, Selected Topics in Quantitative Physiology, Fall, 1991, five lectures; Fall, 1992, five lectures; Fall, 1993, five lectures; Fall, 1994, five lectures; Fall, 1995, five lectures; Fall, 1996, five lectures; Fall, 1997, five lectures; Fall, 1998, five lectures; Fall, 1999, five lectures.
Physiology 608, Seminar on Hypertension, Fall, 1991.
Pharmacology 501, Advanced Topics in Pharmacology (Cardiovascular Sequence): Fall, 1992; Fall 1993; Fall 1994.
Physiology 510 - 511, Systems and Integrative Physiology, Fall, 1992, two lectures; Spring, 1993, three lectures; Fall, 1993, four lectures; Spring, 1994, three lectures; Fall, 1994, four lectures; Spring, 1995, three lectures; Fall, 1995, three lectures (Course Director, Physiology 510); Fall, 1996, three lectures (Course Director, Physiology 510); Spring, 1997, four lectures; Fall, 1997, three lectures (Course Director, Physiology 510); Spring, 1998, five lectures; Fall, 1998, three lectures (Course Director, Physiology 510); Spring, 1999, three lectures; Fall, 1999, two lectures.
Environmental and Industrial Health 627, Introductory Seminar in Toxicology, Fall, 1994; Fall, 1995, Fall, 1996, Fall 1997, Fall, 1998, Fall, 1999.
University Mentorship Program, 1994-98.
Physiology 500, Physiology for Medical Students, Small Group Problem Solving, Winter, 1998; Winter, 1999.
Environmental and Industrial Health 628, Intermediate Toxicology Seminar, Winter, 1998.

Other

Cardiovascular Pharmacology, Universitaire Instelling Antwerpen, three lectures, 1978.
Cardiovascular Pharmacology (PHM 813), Guest Lecture, Winter, 1998, Michigan State University, East Lansing, Michigan.
Third Hypertension Summer School, July 9-14, 1999, Council for High Blood Pressure Research, American Heart Association, University of Colorado, Boulder, Colorado.
Cardiovascular Physiology, Guest Lecture, Spring, 2004, Department of Kinesiology and Health Science, Augusta State University, Augusta, Georgia.
Fifth Hypertension Summer School, July 16-20, 2005, Council for High Blood Pressure Research, American Heart Association, Maine Maritime Academy, Castine, Maine.
Sixth Hypertension Summer School, July 27-29, 2007, Council for High Blood Pressure Research, American Heart Association, Colorado State University, Fort Collins, Colorado.
Seventh Hypertension Summer School, July 31-August 4, 2011, Council for High Blood Pressure Research, American Heart Association, Portland State University, Portland, Oregon.
Eighth Hypertension Summer School, July 29-August 1, 2013, Council for High Blood Pressure Research, American Heart Association, University of South Carolina, Columbia South Carolina.

COMMITTEE AND ADMINISTRATIVE SERVICES

Outside of the University of South Carolina

Association of Chairs of Departments of Physiology

National Caucus of Basic Biomedical Science Chairs, Washington, D.C., June 27-29, 2007, June 18-20, 2008.
Representative, Council of Faculty and Academic Societies, Association of American Medical Colleges, 2013-18.

American Heart Association of Michigan

Research Fellowship Committee, 1981-87; Vice-Chairman, 1984-85; Chairman, 1985-87; Special Primary Reviewer, 1988-90
Research Council, 1984-87, 1990-93.
Research Peer Review Committee, 1985-90; 1996-97.

Research Executive Committee, 1985-87, 1990-93.
Research Forum Committee, 1985-91; Chairman, 1990-91.
Research Task Force on Cardiovascular Science Goals, 1990-91.
Board of Directors, 1991-96.
Research Committee, 1991-93.
Long Range Planning Committee, 1991-92; Co-Chairperson, 1995-96.
Nominations Committee, 1991-95, Chairman, 1992-93.
Executive Committee, 1992-95.

American Heart Association - Mid-America Research Consortium/Great American Research Consortium

Research Peer Review Committee, 1998-99.

American Heart Association - Southeast Affiliate

Research Peer Review Committee (ad hoc), 2001, 2004.
Region II, Basic Cell and Molecular Biology 1 Peer Review Committee, 2008.

American Heart Association - National

Consultant (abstract grader), 1987-present.
Committee on Scientific Sessions, 1987; 1993, 2000, 2003-2016.
Cardiovascular A Research Study Committee, January 1, 1985-December 31, 1987.
Council on Hypertension, Fall Conference Committee (1991-94; ad hoc, 1997, 1999-2001, 2006-present; Chair 2006-08; 2011); Executive Committee, Member-at-Large (1995-2001), Membership Recruitment Working Group (May, 1996 - November, 1997); Long Range Planning Committee (November, 1996-October, 1998), Strategic Planning Committee (1998-99), Publications Committee (August, 1999-June 2002), Consultant (abstract grader, 1998-2002, 2004-2009), Executive Committee Member (2001-2005), Leadership Committee (2005-present), Awards Committee (2006-present, Chair 2006-08), Novartis Award Selection Committee (2006-10, Chair, 2008-10), Liaison, Kidney Council, Nominating Committee (2008-10), Scientific Sessions Program Committee (2010-present), Search Committee for Editorship of Hypertension (2010-2011); Council Marketing Plan (September 2013); Member on the Hypertension Fall Specialty Conference Planning Committee (December 2018-November 2020).
Chairperson, Cardiovascular Regulation Research Review Committee II, 1996-2000.
Basic Science Section of the AHA Student Scholarships in Cardiovascular Disease and Stroke Program, 1998-02.
Research Committee, 2000-2005.
Science Classification Task Force, 2001.
Chairperson, Cardiovascular Regulation Research Review Committee I, 2001-2005.
National Research Program Subcommittee Task Force on Portfolio Issues, 2003.
Early Career Development Task Force, 2003-2004.
Peer Review Site Visitor, National Review Committees, April 5, 2004.
Program Committee, Fifth Hypertension Summer School, 2004-2005.
Ethnicity and Gender Working Group, 2004-08.
Fellow-to-Faculty Award Review Committee. 2004-2005, 2018.
Strategic Planning Committee-2006-10.
International Mentoring Program, 2006-10.
Basic Cell and Molecular Biology Review Committee 1, 2007-2011.
Scientific Advisory and Coordinating Committee, 2008-10.
Council Operations Committee, 2010-14.
Scientific Sessions Program Committee, 2010-14.
Molecular Signaling 2 Review Committee, 2012.
Basic Cell – Membranes and Subcellular Organelles Review Committee 1, 2015-2017, 2019.

American Physiological Society

Career Opportunities in Physiology Committee, 1982-88.
Porter Physiology Development Committee, January, 1995-December, 1997.

Mentor, NIDDK Fellow, Experimental Biology '95, Atlanta, Georgia; Experimental Biology '97, New Orleans, Louisiana.

Renal Section, Judge for Student and Postdoctoral Awards, Experimental Biology '95, Atlanta, Georgia; Experimental Biology '97, New Orleans, Louisiana.

FASEB Research Conference Advisory Committee, October 1, 1997-December 31, 2000.

Cardiovascular Section, Nominating Committee 1998-2001; NIH/NHLBI Liaison Committee, 2010-12; Fellowship Committee, 2013-present.

American Society for Pharmacology and Experimental Therapeutics

Subcommittee on the Graduate Student Convocation of the Committee on Education, 1999-2001.

Committee on Graduate Recruitment and Education, 2001-2002.

Scientific Program Committee (ad hoc), 2005-2006.

Delegate, IUPHAR-2006, Beijing, China, July 2-7, 2006

Executive Committee, Division of Systems and Integrative Pharmacology, 2003-2009.

Promoting Success Through Diverse Career Coaching, ASPET Mentoring Network, 2018-present.

American Society of Hypertension

Program Committee, 2012-14.

Inter-American Society of Hypertension

Awards Committee, 2003.

Organizing Committee, XV Scientific Meeting of the Inter-American Society of Hypertension, San Antonio, Texas, April 27-30, 2003.

Scientific Advisory Committee, XVI Meeting of the Inter-American Society of Hypertension, Cancun, Mexico, April 17-20, 2005.

Organizing Committee, XVIII Scientific Meeting of the Inter-American Society of Hypertension, Belo Horizonte, Minas Gerais, Brazil, August 5-8, 2009.

Organizing Committee, XIV Scientific Meeting of the Inter-American Society of Hypertension, Lake Buena Vista, Florida, September 20-24, 2011.

Program Committee, XX Biennial Scientific Sessions, Salvador, Brazil, August 13-16, 2014.

International Society of Hypertension

Ambassador, International Advisory Board, 24th Scientific Meeting of the International Society of Hypertension, September 29-October 4, 2012.

International Society for Sexual Medicine

Publications Committee, January 1, 2021-December 31, 2022.

National Institutes of Health

Site Visit Teams (PO1 Reviews), National Heart Lung and Blood Institute, May, 1984; March, 1985; May, 1985; February, 1986; October, 1986; January, 1987; May, 1987; February, 1988, April, 1988; August, 1988; February, 1989; August, 1989; February 12-14, 1990; February 26-28, 1990; October 14-16, 1991; May 18-20, 1992; January 11-13, 1993; Feb 17-19, 1993; May 4-6, 1993; May 12-14, 1993; September 20-22, 1993; May 2-4, 1994; September 19-20, 1994; October 5-7, 1994; January 11-13, 1995.

Special Study Sections/Special Emphasis Panels, Department of Health and Human Services, Public Health Service, November 26, 1984; May 3, 1985; February 4, 1987; April 6-7, 1987; February 8-10, 1988; March 15-16, 1990; April 20, 1993; June, 1994; April 27-28, 1995; May 11-12, 1995; December 14, 1995, February 6, 1996; May 9, 1996; October 11, 1996; January 13, 1997; May 15-16, 1997, January 15-16, 1998 (Winter Blood PO1 Reviews); April 27, 1998; September 11, 1998; October, 19, 1998; April 7, 1999; September 23, 1999; December 10, 1999; December 8, 2000, May 3-4, 2001 (Spring Vascular PO1 Review), September 10, 2001, September 14, 2001, October 17, 2001, September 12-13, 2002 (Fall Hypertension PO1 Reviews), October 29, 2002, December 17, 2002, February 26, 2003, May 20, 2004 (Spring Vascular PO1 Review), September 13, 2004 (Fall Vascular PO1 Review), December 17, 2004 (Winter Vascular PO1 Review), January 11, 2005, May 12, 2005; September 12, 2005; December 8-9, 2005 (Winter Vascular PO1 Review), January 31, 2006; May 4-5, 2006 (Spring Vascular PO1 Review);

September 25, 2006 (Program Project Review); November 9-10, 2006 (Mentored Scientist Award-K99), April 18-19, 2007, September 10, 2007 (Program Project Review), October 29, 2007 (Mentored Scientist Award-K99/R00), January 29, 2008 (PO1 Review), May 21-22, 2008 (Maximizing the Scientific Value of the Biologic Specimens from the Women's Health Initiative), July 21-22, 2008 (George M. O'Brien Urology Research Center-P50 applications), July 24, 2008 (Mentored Scientist Award-K99/R00) Heart, Lung and Blood Initial Review Group, January 23, 2009, Heart, Lung and Blood Institute (Conference Grants, R13s), March 31-April 1, 2009, Heart, Lung and Blood Institute (PO1 Review), April 7, 2009; Heart, Lung and Blood Institute (PO1 Review, May 29, 2009; Challenge Grant Review, July 20-21, 2009; July 27-28, 2009 (George M. O'Brien Urology Research Center-P50 applications); Heart, Lung and Blood Institute (PO1 Review), December 15, 2009; UKGD Member Conflict Special Emphasis Panel, Chairperson, March 25, 2010; Heart, Lung and Blood Institute (PO1 Review), May 11, 2010; June 17, 2010 (SEP), Mechanism of Arterial Stiffening and Hypertension; Heart, Lung and Blood Institute (RO1), Sep 17, 2010; Heart, Lung and Blood Institute (PO1 review), Nov 18, 2010; UKGD Member Conflict Special Emphasis Panel, March 2, 2011; Review Committee for Research Consortium for 2-year Bisphenol A Toxicity Study (UO1), May 10, 2011; NIDDK, Urinary Tract Dysfunction PO1 (Special Emphasis Panel), July 20, 2011; Heart, Lung and Blood Institute (PO1 Review), November 28, 2011; Pathobiology of Kidney Disease (SEP, NIDDK), January 10, 2012; Heart, Lung and Blood Institute, January 27, 2012 (PO1 Review); Heart, Lung and Blood Institute, January 20, 2012 (PO1 Review); NIDDK, Pediatric Centers of Excellence in Nephrology, March 7-8, 2012 (P50 Review); Heart, Lung and Blood Institute, May 8, 2012 (PO1 Review); NIDDK, June 13, 2012 (PO1 Review); HLBI Program Project Review Committee, June 15, 2012 (ad hoc), UKGD Member Conflict Special Emphasis Panel, September 17, 2012; HLBI Program Project Review Committee, September 24, 2012 (ad hoc); NIDDK Fellowship Application Review, January 25, 2013, NIDDK Fellowship Application Review, October 21, 2013; NIDDK Fellowship Application Review, June 3, 2014; Urological and Urogynecological Sciences and Small Business Study Section, October 29, 2014 (Chairperson); HLBI Program Project Review Committee, April 16, 2015 (ad hoc); NIDDK Special Emphasis Panel (U54 Urology Research Center Applications, July 8-9, 2015 (ad hoc); Urologic and Urogynecologic Review Panel (ZRG1 DKUS), October 22, 2015; HLBI Program Project Review Committee, January 20, 2016 (ad hoc); RFA-DK-15-019 (2016/10 ZDK1 GRB-N) Research using Biosamples and Subjects from Type 1 Diabetes Clinical Studies - Complications (DP3), June 3, 2016; NIDDK Special Emphasis Panel (O'Brien Urology Cooperative Research Centers, U54), July 12, 2016; HLBI, Emerging Investigator Award Review Committee (R35), July 13, 2016; HLBI Outstanding Investigator Award Review Committee (R35), July 14, 2016; HLBI Program Project Review Committee, October 6, 2016 (ad hoc); R13, Conference Grant Applications Review Committee, December 12, 2016 (ad hoc); HLBI Program Project Review Committee, January 26, 2017 (ad hoc); NIDDK Fellowship Application Review, Feb 3, 2017 (ad hoc); NIDDK Special Emphasis Panel (O'Brien Pediatric Nephrology Centers, P50), March 16-17, 2017; HLBI R13 Conference Grant Applications Review Committee, April 4, 2017 (ad hoc); HLBI Program Project Review Committee, May 18, 2017 (ad hoc); NIDDK Kidney, Urologic and Hematologic Diseases D Subcommittee, June 14, 2017 (ad hoc) HLBI R13 Conference Grant Applications Review Committee, July 13, 2017; NIDDK Developmental Centers in Benign urology (P20), July 19, 2017 (Co-Chair); HLBI R13 Conference Grant Applications Review Committee, April 10, 2018 (ad hoc); NIDDK Program Project Review Committee, May 31, 2018 (ad hoc); NIDDK Special Emphasis Panel (O'Brien Urology Centers, U54), July 10-11, 2018; NCCIH Special Emphasis Panel (Discovery and Biological Signatures of Diet-Derived Microbial Metabolites), July 12-13, 2018; NIDDK Program Project Review Committee, July 23, 2018. NIHHLBI F10A Fellowship Application Review (Physiology and Pathobiology of Cardiovascular and Respiratory Systems), March 6-7, 2019; HLBI R13 Conference Grant Applications Review Committee. April 4, 2019 (ad hoc); NHLBI Special Emphasis Panel (PO1), May 23, 2019 (Chairperson); NIDDK Special Emphasis Panel (O'Brien Urology Centers, U54), July 10-11, 2019 (Chairperson); HLBI, Emerging Investigator Award Review Committee (R35), July 18, 2019; HLBI Outstanding Investigator Award Review Committee (R35), August 5-6, 2019, HLBI Program Project Review Committee, January 22, 2020 (ad hoc); HLBI Program Project Review Committee, April 14, 2020 (Chair, ad hoc), Emerging Investigator Award Review Committee (R35), June 18, 2020; HLBI R13 Conference Grant Applications Review Committee, April 8, 2021 (ad hoc); HLBI Program Project Review Committee, May 7, 2021.

Experimental Cardiovascular Sciences Study Section, Division of Research Grants, Special Reviewer, June 25-27, 1985; Temporary Member, 1997; 1999, 2000.
Heart, Lung and Blood Research Review Committee B, NHLBI, 1991-94.
Program Project Review Committee (Parent), National Heart, Lung and Blood Institute, Member 1990-95, 1994-95; Ad hoc, March 21, 1996; Ad hoc, March 27, 1997; Ad hoc, December 3, 1998; Temporary Member, November 29, 2001; Temporary Member, December 5, 2002; Temporary Member, March 16, 2006.
Reviewers Reserve, 1992-present.
Surgery and Bioengineering Study Section, Temporary Member, Spring, 1998; Member, July 1, 1998 - June 30, 2002; Ad hoc, October 2, 2002.
Cardiovascular and Renal Study Section, Ad hoc, June 26, 2000.
Genetics of Hypertension SCOR Review, June 22-23, 2000.
National Space Biomedical Research Institute, Cardiovascular Alterations Panel (Ad hoc), August 7-8, 2000.
Site Visit Team, National Institute for Occupational Safety and Health, February 20-21, 2002.
Pathology A Study Section, Ad hoc, February 26-27, 2002.
Urologic and Kidney Development and Genitourinary Diseases Study Section, March 2003 (ad hoc), 2003-2007, June 2008 (ad hoc), September, 2009 (ad hoc).
NHLBI Working Group on Future Directions for Hypertension Research, May 24-25, 2004.
Physiology and Pathobiology of Organ Systems Study Section (ZRG1 F10, ad hoc), November 13-15, 2005; March 20-21, 2006.
Vascular Cell and Molecular Biology Study Section, ad hoc, June 15-16, 2009; October 11-12, 2010.
College of CSR Reviewers, 2010-2012.
Reviewer, National Mouse Metabolic Phenotyping Centers MICROMouse Program, 2011.
NIH Review Study (University of Wisconsin-Madison), May 12, 2016.

Sexual Medicine Society of North America

Basic Science Committee, 2021.
Research and Awards Committee, 2021.
Judging Panel, Young Clinician's Research Grant, 2021.

Society for Women's Health Research

Cardiovascular Network, 2009-2015.

Veterans Administration

Site Visit Team, Veterans Administration, Merit Review Board for Nephrology, March, 1988.
Ad hoc Reviewer, 1989, 1993, 1998, 1999.

Other

Bureau of Research, National Osteopathic Foundation, Ad hoc Reviewer, 1984.
Scientific Planning Committee, XIII Congress of the International Society for Heart Research, May 14-18, 1989, University of Michigan, Ann Arbor, MI, 1986-89.
Symposium Organizer, Federation of American Societies for Experimental Biology, 1983, 1989, 2000, 2005.
Organizing Committee, U.S.-Japan Cooperative Symposium on Molecular and Cellular Aspects of Vascular Smooth Muscle Function. Honolulu, Hawaii, January, 1989; February, 1994.
Scientific Advisory Committee, Fifth International Symposium on Mechanisms of Vasodilatation, Strausbourg, France, July 6-8, 1989; Sixth International Symposium, Glasgow, Scotland, August, 1993; Seventh International Symposium, Maastricht, The Netherlands, 1997; Eleventh International Symposium, Zurich, Switzerland, October 5, 2013; Twelveth International Symposium, Rochester, Minnesota, November 7-9, 2016 (Co-organizer); Thirteenth International Symposium, Rotterdam, The Netherlands, May 20-22, 2019.
Symposium Organizer, XIV Congress of the International Society for Heart Research, May 29-June 2, 1991, University of Cincinnati, Cincinnati, Ohio.
Cardiovascular Study Section, Tobacco-Related Disease Research Program, University of California, April, 1991.
Consultant (abstract grader), International Society of Hypertension, 1996, 1998, 2006.

External Unit Review Committee, Biomedical Sciences Graduate Program, The University of New Mexico, 1996.

Judge, 7th Annual Biomedical Sciences Graduate Student Research Day, University of New Mexico School of Medicine, February 20, 1996.

Regional Judge, Northwestern New Mexico Regional Science and Engineering Fair, The University of New Mexico, March 15, 1996.

Medical Advisory Board, Juvenile Unknown Mitochondrial Problems Foundation, 1996-2000.

Content Expert, ASH Specialist Program, American Society of Hypertension, 2000-2010.

Scientific Advisory Board, Georgia Research Alliance, 2000-2002.

International Organizing Committee, Frontiers in Hypertension Research-2001, Weifang, Peoples Republic of China, June, 2000-July, 2003.

External Advisory Committee, Program Project Application, Department of Pharmacology and Toxicology, Michigan State University, June 28, 2001.

Referee, The Wellcome Trust, London, May, 2002.

Fellowship Selection Committee, Consortium for Southeastern Hypertension Control, July, 2002-2010.

Advisory Board, Noven Pharmaceuticals, Inc., August, 2002-2010.

Referee, Alberta Heritage Foundation for Medical Research, November-December, 2002; January-February, 2010.

Grant Review, National Kidney Foundation of Michigan, 2003.

Assessor, National Health and Medical Research Council, Australian Government, June, 2004.

Referee, Swiss National Science Foundation, October-November, 2004, May-June, 2013, August, 2014.

Referee, Philip Morris External Research Program, November, 2004.

Grant Reviewer, Israel Science Foundation, June, 2005.

External Reviewer, Department of Physiology and Biophysics, University of Louisville, March, 2006; March 2011; June 2017.

Grant Reviewer, Medical Research Council, United Kingdom, February, 2006, November, 2009.

Symposium Organizer, Division of Systems and Integrative Pharmacology, Experimental Biology, 2006, San Francisco.

Grant Reviewer, Fonds Wetenschappelijk Onderzoek, Belgium. February, 2007.

Member, Integrative Review Group-Atlantic Region, Canada Foundation for Innovation, Research Hospital Fund, Large-Scale Institutional Endeavours, 2007 Competition, February 18-19, 2008.

Reviewer, Southwest National Primate Research Center, Pilot Study Applications, April, 2008.

Reviewer, Pennsylvania Department of Health Performance Reviews, April, 2009.

Grant Reviewer, Kuwait University, 2010-2017.

Reviewer, Baltimore Diabetes Research and Training Center Pilot and Feasibility Award Program, March, 2010.

External Reviewer, Department of Physiology, Southern Illinois University, January, 2011.

Reviewer of applicants for membership-at-large, Sigma Xi, 2011-present.

Grant Reviewer, The Netherlands Organization for Health Research and Development, 2012.

External Grant Reviewer, Heinrich-Heine-University, Düsseldorf, 2013.

The Wellcome Trust/DBT India Alliance, 2013.

Grant Reviewer, Michigan Diabetes Research Center, University of Michigan, 2013, 2018.

Abstract Grader, Society for Reproductive Investigation, 2014, 2015, 2016.

Judge, 3 Minute Thesis, 2017, Annual Fall Scientific Meeting of the Sexual Medicine Society of North America, San Antonio, Texas, October 26, 2017.

Grant Reviewer, SciPinion, December 2017-January 2018.

External Advisory Committee, NHLBI T32, Training in Signature Transdisciplinary Cardiovascular Sciences, Medical College of Wisconsin, 2018.

External Advisory Committee, NIH PO1 application, Department of Pharmacology and Physiology, University of Toledo, 2019.

Grant Reviewer, Faculty Early Career Development (CAREER) Program, National Science Foundation, August, 2019.

Grant Reviewer, Deutsche Forschungsgemeinschaft, October, 2020.

Panel Discussant, Black in Physiology, November 11, 2020.

Scientific Advisory Committee, First International Electronic Conference on Medicine (The 100-year anniversary of the Journal Medicina), December 2020-present.

Grant reviewer, Austrian Science Fund, March 2021.

Judge, Conference for Black Physiologists, April 25-27, 2021.
Judge, KURe Research Symposium, Multidisciplinary Benign Urology Virtual Research Symposium, April 29-30, 2021.
Grant Reviewer, United States Army Medical Research and Development Command, Reviewed Medical Research Program (Congressionally Directed Medical Research Programs), June, 2021.

University of South Carolina

Search Committee for Biomedical Sciences and Associate Chief of Staff-Research (ACOS-R), University of South Carolina School of Medicine (SOM) and the Columbia VA Health Care System (CVAHCS), June, 2020.
Search Committee for the Director for the Research Center for Transforming Health, University of South Carolina School of Medicine, June, 2020.
Search Committee for Assistant/Associate Professor, Cardiovascular Translational Research Center (CTRC), Oct 2020-present.
Panelist, South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE), Academic Leadership and Career Development Workshop 2021, "How to get a good grant review panel", June 14, 2021.
Judge, Biomedical Engineering Program, Research Experience for Undergraduates, College of Engineering and Computing, 2021.

Augusta University

Data Management/Bioinformatics Steering Committee, March, 2000-2006.
Cardiovascular Disease Steering Committee, March, 2000-2018.
Mission-Based-Management Research Design Team, June, 2000-July, 2002.
Search Committee for the Chairperson of Department of Biochemistry and Molecular Biology, June, 2000-2004.
M.D., Ph.D. Advisory Committee, July, 2000-2002.
Search Committee for the Chairperson of Department of Pathology, August, 2000-December, 2001.
Postdoctoral Affairs Council, August, 2000-2020.
Biomedical Research Council, School of Medicine, August, 2000-2018.
Search Committee for Genomic Medicine Eminent Scholar, 2000-2002.
Special Task Force on Diversity, March, 2001-2018.
Diversity Working Group, April, 2001-December, 2001.
Research Program Committee, MCG Physical Master Plan, 2001-2006.
Executive Faculty Advisory Committee, September, 2001-2020.
President's Council for Diversity, December, 2001-2020.
Search Committee for the Chairperson of Department of Medicine, 2002-2003.
MCG Cancer Center Executive Board, 2002-2019.
Judge, Graduate Research Day, 2002-2019.
Postdoctoral Training in Integrative Cardiovascular Biology (NIGMS T32), preceptor, 2001-2006, Parent Committee, 2001-2011.
Predoctoral Training in Cardiovascular Biology (NIGMS T32), preceptor, 2004-2012.
Dean's Planning Advisory Committee, 2006-2009.
MCG Research Institute Research Award Selection Committee, 2006-2012.
Grievance Committee, 2011-present.
Long Term Strategic Planning, World Class Integrated Programs Workgroup, 2011-12.
Research Team, Transformation 2020 (Co-Chair), 2011-12.
Chair, University Senate Dispute Resolution and Grievance Committee, January, 2013-2016.
Chair, Search Committee for Chairperson of the Department of Biochemistry and Molecular Biology, 2014.
Animal Care and Use Advisory Board, 2016-19.
Augusta University Research Institute Award Selection Committee, 2017.

The University of Michigan

Department of Physiology

Internal Review Committee, November, 1984-February, 1985
Seminar Program, 1984-85 (Chairman); 1989-90 (Committee); 1994-95 (Chairman).
Graduate Program Committee, 1985-88 (Chairman); 1996-99 (Committee).
Chairman's Advisory Committee, 1989-92; 1996-99.
Cellular and Molecular Approaches to Systems and Integrative Biology Training Program, July, 1990-December, 1999.
Space Committee, 1994-97.
Graduate Program Preliminary Examination Focus Group, 1994-95.
Strategic Planning Committee, 1997-98.
Departmental Focus Group on Integrative Biology, 1998.

Other

Training Grant in Pharmacological Sciences, Biology Track Subcommittee (NIGMS T32), June 1985-88; preceptor, 1986-99; Parent Committee, 1985-88.
Evaluator of Foreign Credit, Undergraduate Admissions, 1985-88.
Faculty Selection Committee, Rackham Dissertation/Thesis Grant, Horace H. Rackham School of Graduate Studies, 1988.
Faculty Search Committee, Department of Physiology, 1990.
Member, Michigan Diabetes Research and Training Center, 1990-99.
Executive Committee, Cardiovascular Research Center, 1991-99.
Divisional Board for Biological and Health Sciences Horace H. Rackham School of Graduate Studies, 1991-93 Chairperson, 1992-93.
Funding Committee for Retreat on Graduate Education, Medical School, 1992.
Toxicology Training Program, Department of Environmental and Industrial Health, School of Public Health (NIGMS T32), 1993-99.
Committee on Student Biomedical Research Review Committee, 1995-96, 1998-99.
Diversity and Career Development Committee, Medical School, 1996-99.
Training in Molecular and Cellular Cardiology, Cardiovascular Research Center, Division of Cardiology (Faculty Preceptor), 1996-99, Co-Program Director, 1997-99.
Task Force, Faculty Salary Structure, Medical School, 1997-98.
Mentor, Child Health Research Center Grant, Advancing Child Health Through Cell/Molecular Biology, Department of Pediatrics, 1995-99.
Committee on Student Biomedical Research, Awards Committee, 1999.
Cardiovascular Center Proposal Research Subcommittee, 1999.

INVITED LECTURES, SEMINARS AND OTHER PRESENTATIONS

- “Reduced calcium uptake by the sarcoplasmic reticulum in vascular smooth muscle from spontaneously hypertensive rats: Role of cyclic AMP.” Iowa Chapter of Sigma Xi, University of Iowa, Iowa City, Iowa, September 6, 1975.
- “Electrogenic sodium pump and vasodilation”. Department of Medicine, Universitaire Instelling Antwerpen, Wilrijk, Belgium, July 15, 1977.
- “Angiotensin II and vascular smooth muscle”. Department of Pharmacology, The University of Michigan, March 5, 1980.
- “Sodium, potassium adenosine triphosphatase and vasodilation”. Second International Symposium on Mechanisms of Vasodilation, Wilrijk, Belgium, July 23-25, 1980.
- “Mechanisms of vascular constriction”. Department of Internal Medicine, Division of Cardiology, The University of Michigan, August 7, 1981.
- “Vascular smooth muscle in hypertension”. Department of Physiology, University of Health Sciences, North Chicago, IL, September 15, 1981.
- “Neural control at the vascular wall”. Department of Physiology, Michigan State University, Lansing, MI, October 26, 1981.
- “Vascular responses to serotonin in hypertension”. Department of Physiology, Michigan State University, Lansing, MI, October 23, 1981.
- “Vascular changes in hypertension”. Department of Pediatrics, Division of Pediatric Cardiology, The University of Michigan, Ann Arbor, Michigan, December 2, 1981.
- “Vascular responses to serotonin and methysergide in hypertension”. Department of Physiology and Biophysics, Mayo Medical School, Rochester, Minnesota, May 1982.
- “Calcium, vascular smooth muscle and hypertension”. Department of Pharmacology, Hoechst-Roussel Pharmaceuticals, Inc., Somerville, New Jersey, July 12, 1982.
- “Relaxation of vascular smooth muscle in response to electrical stimulation”. Department of Physiology, Michigan State University, East Lansing, Michigan, November 23, 1982.
- “Vascular responses to histamine”. Unit for Laboratory Animal Medicine, The University of Michigan, Ann Arbor, Michigan, January 6, 1983.
- “Serotonin and vasodilatation”. Third International Symposium on Mechanisms of Vasodilatation, Sydney, Australia, August 25-27, 1983.
- “Direct and potentiating actions of serotonin on vascular smooth muscle”. Cleveland Clinic, Cleveland, Ohio, September 20, 1983.
- “Vascular smooth muscle reactivity and the electrogenic sodium pump”. Department of Internal Medicine, Division of Cardiology, The University of Michigan, Ann Arbor, Michigan, October 6, 1983.
- “Vascular changes in hypertension.” Unit for Laboratory Animal Medicine, The University of Michigan, Ann Arbor, Michigan, December 8, 1983.
- “Direct and sensitizing effects of serotonin agonists and antagonists on vascular smooth muscle”. Satellite Symposium to the 10th Scientific Meeting of the International Society of Hypertension, Zurich, Switzerland, June 14-15, 1984.
- “Altered vascular responsiveness in hypertension”. The Squibb Institute for Medical Research, E.R. Squibb and Sons, Inc., Princeton, New Jersey, June 25, 1984.
- “Vascular changes in hypertension”. Department of Physiology, Southern Illinois University, Carbondale, Illinois, September 4, 1984.
- “Serotonin and vascular smooth muscle”. Brigham and Women’s Hospital and Department of Physiology, Harvard Medical School, Boston, Massachusetts, September 19, 1984.
- “Role of calcium in vascular smooth muscle contractility”. Postgraduate Seminar, Council for High Blood Pressure Research, American Heart Association, 57th Scientific Sessions, Miami Beach, Florida, November 11, 1984.
- “Hypersensitivity of blood vessels to serotonin”. Second Irvine Page Workshop on Serotonergic Mechanisms in the Cardiovascular System, Stockholm, Sweden, December 6-8, 1984.
- “Calcium, vascular smooth muscle and hypertension”. Departments of Physiology and Pharmacology, Texas A and M University, College of Medicine, College Station, Texas, February 1, 1985.
- “Calcium, vascular reactivity and hypertension”. Cardiovascular Diseases Research, The Upjohn Company, Kalamazoo, Michigan, February 18, 1985.

- “Vascular smooth muscle and hypertension”. Department of Pharmacology, Sterling-Winthrop Research Institute, Rensselaer, New York, March 14, 1985.
- “Vascular reactivity and hypertension”. Hypertension Unit, Department of Internal Medicine, The University of Michigan, Ann Arbor, Michigan, April 29, 1985.
- “Vascular responses to atrial natriuretic factor in hypertension”. Workshop on Hypertension and the Vasculature, Cardiovascular Institute, Boston University, Newport, Rhode Island, May 27-30, 1985.
- “Oxygen-derived free radicals and vascular reactivity”. Department of Physiology, Michigan State University, East Lansing, Michigan, June 18, 1985.
- “Vascular reactivity in hypertension”. Department of Medicine, Michigan State University, East Lansing, Michigan, June 19, 1985.
- “Vascular responsiveness to serotonin in hypertension”. Advanced Course on Serotonin and the Cardiovascular System, Janssen Research Foundation, Veldhoven, The Netherlands, September 5-7, 1985.
- “Temperature and blood vessel responsiveness”. Department of Physiology, The University of Michigan, Ann Arbor, Michigan, October 2, 1985.
- “Calcium, vascular smooth muscle and hypertension”. Department of Physiology, Wayne State University, Detroit, Michigan, October 22, 1985.
- “Vascular reactivity and hypertension”. Department of Pharmacology, University of Virginia, Charlottesville, Virginia, October 24, 1985.
- “Vascular responses to ouabain in hypertension”. Department of Pediatrics, Division of Pediatric Cardiology, The University of Michigan, Ann Arbor, Michigan, November 20, 1985.
- “Vascular responses to atrial natriuretic factor in hypertension.” Department of Internal Medicine, Division of Cardiology, The University of Michigan, Ann Arbor, Michigan, January 13, 1986.
- “Vascular reactivity and calcium influx”. The Use of Calcium Entry Blocking Agents in the Treatment of Hypertension, Marion Laboratories, Inc., Nassau, Bahamas, March 27-29, 1986.
- “Calcium, vascular reactivity and hypertension”. Departments of Internal Medicine and Physiology, Oregon Health Sciences University, Portland, Oregon, June 3, 1986.
- “Vascular reactivity to angiotensin II and complementary peptides”. Third Annual Triton Scientific Conference, Triton Biosciences Inc., Carmel Valley, California, July 1, 1986.
- “Vasodilator properties of serotonin”. Fourth International Symposium on Mechanisms of Vasodilatation, Mayo Clinic, Rochester, Minnesota, July 9-12, 1986.
- “Serotonin and Vasodilatation”. Erik K. Fernstrom Symposium, Neuronal Messengers in Vascular Function, Lund, Sweden, September 25-27, 1986.
- “Experimental studies of lead and hypertension: Vascular reactivity”. International Symposium on Lead-Blood Pressure Relationships, Chapel Hill, North Carolina, April 27-29, 1987.
- “Membrane mechanisms for increased vascular sensitivity in hypertension”. Cardiovascular Center and Department of Anatomy, The University of Iowa, College of Medicine, Iowa City, Iowa, September 18, 1987.
- “Cellular mechanisms for increased vascular sensitivity in hypertension”. Department of Physiology, University of Louisville, Louisville, Kentucky, September 20, 1987.
- “Cellular basis for increased vascular response in hypertension.” Department of Pediatrics, Division of Pediatric Cardiology, University of Michigan, Ann Arbor, Michigan, October 7, 1987.
- “Cellular basis for increased vascular reactivity in hypertension”. Department of Pharmacology, Wayne State University, Detroit, Michigan, February 19, 1988.
- “Cellular mechanisms for increased vascular reactivity in hypertension”. Peripheral Vascular Section, Boston University Medical Center, Boston, Massachusetts, February 24, 1988.
- “Cellular basis for increased vasoconstrictor sensitivity in hypertension.” Department of Medicine, Cleveland Clinic, Cleveland, Ohio, April 15, 1988.
- “Calcium and contractile responses to phorbol esters and the calcium channel agonist, Bay K 8644 in vascular smooth muscle from aortic coarctation-induced hypertensive rats”. International Seminar on Calcium Metabolism in Hypertension, Tokyo, Japan, August 29 - September 2, 1988.
- “Calcium and vascular reactivity in stroke-prone spontaneously hypertensive rats.” Second U.S.-Japan Symposium on Cellular and Molecular Aspects of Vascular Smooth Muscle in Health and Disease, Honolulu, Hawaii, January 19-21, 1989.
- “Cellular basis for augmented vasoconstrictor sensitivity in hypertension”. Department of Physiology, Marshall University, Huntington, West Virginia, March 6, 1989.

- "Cellular mechanism for increased vascular reactivity in hypertension". Department of Pharmacology, University of Texas, Health Science Center, San Antonio, Texas, May 10, 1989.
- "Calcium regulation in vascular smooth muscle". Department of Pharmacology, University of Michigan, Ann Arbor, Michigan, December 4, 1990.
- "Calcium, vascular reactivity and hypertension". Department of Pediatrics, Division of Pediatric Cardiology, University of Michigan, Ann Arbor, Michigan, December 19, 1990.
- "Mechanisms of contraction in vascular smooth muscle". Department of Internal Medicine, Division of Cardiology, University of Michigan, January 8, 1991.
- "Vascular reactivity in aging and hypertension". Department of Pharmacology, Berlex Laboratories, Inc., Cedar Knolls, New Jersey, February 21, 1991.
- "Calcium, cell communication and vascular reactivity in hypertension". Department of Pharmacology and Toxicology, Albany College of Medicine, Albany, New York, May 22, 1991.
- "Second messenger systems in vascular smooth muscle". American Physiological Society Specialty Meeting on Interactions of the Endocrine and Cardiovascular Systems in Health and Disease, San Antonio, Texas, October 1, 1991.
- "Calcium, gap junctions and increased vascular reactivity in hypertension", Department of Physiology, Tulane University, School of Medicine, New Orleans, Louisiana, October 27, 1991.
- "Increased vascular reactivity in hypertension. Does the endothelium make a difference?", Department of Anatomy and Cell Biology, University of Michigan, Ann Arbor, Michigan, March 11, 1992.
- "The endothelium and vascular tone in hypertension". Department of Cardiology, Marquette General Hospital, Marquette, Michigan, June 11, 1992.
- "The endothelium and vascular reactivity in hypertension". Department of Internal Medicine, Division of Cardiology, University of Michigan, August 28, 1992.
- "Lead (Pb) and hypertension", Department of Environmental and Industrial Health, School of Public Health, University of Michigan, Ann Arbor, Michigan, October 30, 1992.
- "Nitric oxide and its role in cardiovascular and hormonal control", State-of-the-Art Lecture, 1993 International Aldosterone Conference, Las Vegas, Nevada, June 8, 1993.
- "Nitric oxide and hypertension", Department of Pediatrics, Division of Pediatric Cardiology, University of Michigan, Ann Arbor, Michigan, June 16, 1993.
- "Nitric oxide and vascular reactivity in hypertension", Department of Pharmacology, University of Michigan, Ann Arbor, Michigan, July 14, 1993.
- "Gap junctions and increased vascular reactivity in hypertension", Hypertension Research Center, University of Medicine and Dentistry of New Jersey, Newark, New Jersey, October 4, 1993.
- "Nitric oxide and vascular reactivity in hypertension". Department of Physiology, University of Mississippi, Medical School, Jackson, Mississippi, November 3, 1993.
- "Intercellular communication and increased vascular reactivity in hypertension", Department of Physiology and Cardiovascular Research Center, Medical College of Wisconsin, Milwaukee, Wisconsin, December 15, 1993.
- "Gap junctions and increased vascular reactivity in hypertension." Third U.S.-Japan Symposium on Cellular and Molecular Aspects of Vascular Smooth Muscle in Health and Disease, Honolulu, Hawaii, January 3-5, 1994.
- "The vasodilator properties of nitric oxide may be cyclic GMP-independent." Hypertension Center, Bowman Gray School of Medicine of Wake Forest University, Winston-Salem, North Carolina, May 6, 1994.
- "Vascular mechanisms of hypertension". Black Medical Association, The University of Michigan, Ann Arbor, Michigan, August 11, 1994.
- "Vasodilator properties of nitric oxide may be cyclic GMP-independent". Department of Pharmacology and Experimental Therapeutics, University of Kentucky College of Pharmacy, Lexington, Kentucky, September 8, 1994.
- "Nitric oxide and abnormal vascular myocyte signaling in hypertension". Department of Internal Medicine, Division of Cardiology (Grand Rounds), The University of Michigan, Ann Arbor, Michigan, May 9, 1995.
- "Nitric oxide and cellular signaling in the vasculature." Division of Hypertension, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan, May 15, 1995.
- "Signal transduction abnormalities in hypertension". State-of-the-Art Lecture, XI Scientific Meeting of the Inter-American Society of Hypertension, Montreal, Canada, June 19, 1995.

- “Nitric oxide and abnormal vascular myocyte signaling in hypertension.” Department of Physiology, Dartmouth Medical School, Lebanon, New Hampshire, June 21, 1995 (Elizabeth Dunaway-Burnham Visiting Scientist).
- “Signal transduction abnormalities in hypertension.” Division of Endocrinology, Department of Internal Medicine, Wayne State University, Detroit, Michigan, July 19, 1995.
- “Hypertension and augmented cellular signaling in the vasculature.” Division of Nephrology, Department of Internal Medicine, Renal Center Seminar Series, University of Michigan, Ann Arbor, Michigan, December 5, 1995.
- “A new vascular myocyte signal transduction mechanism in hypertension.” Department of Physiology, University of New Mexico, Albuquerque, New Mexico, January 25, 1996.
- “Calcium signaling in the vascular myocyte in hypertension.” The Lovelace Institutes, Albuquerque, New Mexico, February 26, 1996.
- “Serotonin and signal transduction in vascular smooth muscle cells in hypertension.” Cell Biology Group, Departments of Pharmacology, Physiology and Biochemistry, University of New Mexico, Albuquerque, New Mexico, April 22, 1996.
- “The endothelium and increased vascular reactivity in hypertension.” Parke-Davis Pharmaceutical Company, Ann Arbor, Michigan, May 21, 1996.
- “Cell signaling and vascular growth in hypertension.” 16th Scientific Meeting of the International Society of Hypertension, Glasgow, United Kingdom, June 25, 1996.
- “Calcium channel activity and vascular responsiveness is augmented in hypertension.” XI Reuniao Anual da Federacao de Sociedades de Biologia Experimental, Caxambu, MG, Brazil, August 24, 1996.
- “Extracellular calcium sensing, cell signaling and vascular reactivity in hypertension.” Department of Pharmacology, School of Medicine, University of Sao Paulo, Ribeirao Preto, SP, Brazil, August 27, 1996.
- “Reduced nitric oxide activity augments cell signaling in vascular myocytes in hypertension.” Department of Pharmacology, School of Medicine, University of Sao Paulo, Sao Paulo, SP, Brazil, August 28, 1996.
- “Reduced nitric oxide activity augments cell signaling in vascular myocytes in hypertension.” Department of Pharmacology and Toxicology, Michigan State University, East Lansing, Michigan, October 29, 1996.
- “Nitric oxide, cellular signaling and increased vascular reactivity in hypertension.” Division of Hypertension, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan, January 23, 1997.
- “Sphingomyelin signaling in the vasculature.” American Physiological Society Symposium, Novel signal transduction mechanisms in the vasculature. Experimental Biology 97, New Orleans, Louisiana, April 7, 1997.
- “Reduced nitric oxide activity augments cell signaling in vascular myocytes in hypertension.” Department of Pharmacology and Neuroscience, Albany College of Medicine, Albany, New York, April 16, 1997.
- “Serotonin, St. Anthony’s Fire and vascular injury in hypertension.” Department of Pharmacology and Neuroscience, Albany College of Medicine, Albany, New York, April 16, 1997.
- “Serotonin, St. Anthony’s Fire and vascular injury in hypertension.” Hypertension and Vascular Research Division, Henry Ford Hospital and Health Sciences Center, Detroit, Michigan, April 25, 1997.
- “Calcium signaling and vascular responsiveness is augmented in hypertension.” Department of Pharmacology. New York Medical College, Valhalla, New York, May 7, 1997.
- “Cell signaling events contributing to photorelaxation of arteries.” American Society for Photobiology, 25th Annual Meeting, St. Louis, Missouri, July, 8, 1997.
- “Hypertension: Understanding and translating the research story”. American Heart Association Heart Walk, Muskegon, Michigan, October 11, 1997.
- “Thudichum, sphingomyelin/ceramide signaling and vasodilation to tumor necrosis factor- α ”. Department of Physiology, Texas A and M University, College of Medicine, College Station, Texas, February 19, 1998.
- “Tumor necrosis factor- α and vasodilatation”. Division of Hypertension, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan, May 7, 1998.
- “Glucocorticoid hypertension: What makes blood pressure go up?”. Department of Physiology and Endocrinology, Medical College of Georgia, Augusta Georgia, October 28, 1998.

- "The microtubule network and vascular function". Department of Physiology, Wayne State University, Detroit, Michigan, November 5, 1998.
- " β -Adrenergic receptors in the vasculature, a historical perspective". American Heart Association, 71st Scientific Sessions, Dallas, Texas, November 9, 1998.
- "Glucocorticoid hypertension: What makes blood pressure go up?" Division of Endocrinology, Department of Internal Medicine, Wayne State University, Detroit, Michigan, November 25, 1998.
- "Sphingomyelin-ceramide signaling and vascular function". Department of Medicine and Therapeutics, University of Glasgow, Glasgow, Scotland, January 22, 1999.
- "Sphingomyelin-ceramide signaling: Pantene Pro-V to vascular function". Department of Pharmacology, University of Michigan, Ann Arbor, Michigan, February 10, 1999.
- "Sphingomyelin-ceramide signaling: Pantene Pro-V to vascular function". Department of Pharmacology and Toxicology, Wright State University School of Medicine, Dayton, Ohio, March 4, 1999.
- "Microtubules and vascular function." Fourth U.S.-Japan Symposium on Cellular and Molecular Aspects of Vascular Smooth Muscle in Health and Disease, Honolulu, Hawaii, May 17-19, 1999.
- "Signaling mechanisms via Rho kinase in vascular smooth muscle cells". Georgetown University Hypertension Investigators Meeting, Amelia Island, Florida, January 14-17, 2000.
- "Increased vasoconstrictor sensitivity in hypertension: Augmented signaling via the rhoA/rho kinase-mediated pathway". Department of Physiology and Endocrinology, Medical College of Georgia, Augusta, Georgia, January 24, 2000.
- "Serotonin and vascular injury in hypertension." Vascular Biology Center, Medical College of Georgia, Augusta, Georgia, May 10, 2000.
- "Serotonin, St. Anthony's Fire and vascular injury in hypertension." Division of Nephrology, Department of Medicine, Tzu Chi College of Medicine and Humanities, Hualien, Taiwan, May 15, 2000.
- "Increased vasoconstrictor sensitivity in hypertension: New NO news from Georgia". Division of Nephrology, Department of Medicine, National Defense Medical Center, Taipei, Taiwan, May 16, 2000.
- "Serotonin and vascular injury in hypertension." Department of Physiology, National Defense Medical Center, Taipei, Taiwan, May 16, 2000.
- "Postdoctoral training and who wants to hit a *Homer*?" Graduate Student Convocation: The savvy postdoctoral fellow: Training, networking and opportunities in the international community. American Society for Pharmacology and Experimental Therapeutics, Boston, Massachusetts, June 5, 2000.
- "RhoA/Rho-kinase signaling and vascular constriction in hypertension." Rasmussen Biological Communications Symposium, Institute for Molecular Medicine and Genetics, Medical College of Georgia, Augusta, Georgia, June 15, 2000.
- "Inflammatory responses and end organ injury in hypertension." Department of Cell Biology and Anatomy, Medical College of Georgia, Augusta, Georgia, September 26, 2000.
- "Calcium channel activity and vascular responsiveness are augmented in hypertension." Division of Cardiology, Department of Medicine, Medical College of Georgia, December 14, 2000.
- "Hypertension: Vascular changes and saving mosquitoes." Deans' Symposium, Medical College of Georgia, Augusta, Georgia, February 27, 2001.
- "Rho-kinase - an enzyme for maintaining vascular tone in hypertension." Department of Pharmacology, Emory University, Atlanta, Georgia, March 13, 2001.
- "What makes vascular smooth muscle contract and relax? Three guesses." Molecular Mechanisms of Erectile Function. International Society for Sexual and Impotence Research, Rome, Italy, September 29, 2001.
- "Is there something inflammatory about vascular changes in hypertension?" Cardiovascular Research Institute, Moorehouse School of Medicine, Atlanta, Georgia, February 18, 2002.
- "Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure." Tenth International Symposium on Vascular Neuroeffector Mechanisms, Lake Tahoe, California, July 12-15, 2002.
- "Neural, hormonal and inflammatory mediators: Overlapping mechanisms controlling smooth muscle function." Baltimore Smooth Muscle Meeting, American Urological Association, Baltimore, Maryland, September 10, 2002.
- "Rho-kinase mechanisms in hypertension." State-of-the-Art Lecture, 56th Annual Fall Conference of the Council for High Blood Pressure Research, American Heart Association, Orlando, Florida, September 25, 2002.

- "Rho-kinase mechanisms in hypertension and penile erection." Department of Pharmacology, Scios Incorporated, Sunnyvale, California, December 13, 2002.
- "RhoA/Rho-kinase signaling and vasoconstriction: Lessons from hypertension and erectile dysfunction." Division of Investigative Biology, Cardiovascular Biology and Urogenital Diseases, Glaxo-Smith-Kline, King of Prussia, Pennsylvania, March 4, 2003.
- "Smooth muscle physiology." Refresher Course: Muscle Physiology, From Cellular to Integrative. Experimental Biology 2003, San Diego, California, April 11, 2003.
- "RhoA-mediated calcium sensitization and vasoconstriction in hypertension." State-of-the-Art Lecture, 15th Scientific Meeting of the Inter-American Society of Hypertension, San Antonio, Texas, April 30, 2003.
- "Early career mentoring-lessons from the Hypertension Summer School." Early Career Mentoring Workshop, American Heart Association, Dallas, Texas, May 18-19, 2003.
- "RhoA/Rho-kinase signaling and vasoconstriction in hypertension and erectile dysfunction." Atherosclerosis and Vascular Wall Research, Eli Lilly and Company, Indianapolis, Indiana, May 21, 2003.
- "RhoA/Rho-kinase signaling and vasoconstriction: Lessons from hypertension and erectile dysfunction." NIH Minority Access to Research Careers Program (MARC), Department of Natural Sciences and Mathematics, Savannah State University, Savannah, Georgia, September 11, 2003.
- "Integration of sympathetic control and inflammatory mediators in the regulation of blood pressure." Department of Natural Sciences and Mathematics, Savannah State University, Savannah, Georgia, September 11, 2003.
- "Reactive oxygen species and RhoA/Rho-kinase signaling in mineralocorticoid hypertension. A mechanism for enhanced vascular reactivity." Symposium on mineralocorticoids and salt: New insights into blood pressure and organ damage. American Heart Association, Scientific Sessions 2003, Orlando, Florida, November 10, 2003.
- "Integration of sympathetic neural control and pro-inflammatory mediators in hypertension." Division of Cardiology, Department of Medicine, Medical College of Georgia, Augusta, Georgia, February 5, 2004.
- "Is there something inflammatory about vascular changes in hypertension?" Department of Kinesiology and Health Science, Augusta State University, Augusta, Georgia, February 25, 2004.
- "Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure." Keynote Address, Gulf Coast Physiological Society, Mobile, Alabama, March 5-6, 2004.
- "Mentoring: A mission to initiate and inspire." Women in Physiology Committee, American Physiological Society, Experimental Biology-04, Washington, D.C. April 28, 2004.
- "Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure." Keynote Address, Michigan Regional Hypertension Workshop, Kellogg Biological Station, Gull Lake, Michigan, May 6-7, 2004.
- "Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure." Department of Anesthesiology, Medical College of Georgia, Augusta, Georgia, August 16, 2004.
- "Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure." Expert Panel on Anesthetic Depth, Inflammation and Surgical Outcomes, Anesthesia Patient Safety Foundation, Boston, Massachusetts, September 21-22, 2004.
- "Ying yang of corporal smooth muscle control", State-of-the-Art Lecture, 11th World Congress of the International Society for Sexual and Impotence Research, Buenos Aires, Argentina, October 17-21, 2004.
- "Integration of sympathetic neural control and pro-inflammatory mediators in hypertension." E. Eric Muirhead Hypertension Research Day, The Cardiovascular-Renal Center of the University of Tennessee Health Science Center, Memphis, Tennessee, November 3, 2004.
- "Mechanisms and regulation of cavernosal smooth muscle contraction and relaxation." Sexual Medicine Society of North America, New Orleans, Louisiana, January 14, 2005.
- "Dynamic association of nitric oxide downstream signaling molecules with the caveolae of endothelial cells." Division of Cardiology, Department of Medicine, Emory University, Atlanta, Georgia, February 28, 2005.
- "Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure." Gill Heart Institute, University of Kentucky, Lexington, Kentucky, March 11, 2005.

- “Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure.” Biological Sciences Student Association, University of Georgia, Athens, Georgia, March 22, 2005.
- “Vascular changes in hypertension: An update on the role of pro-inflammatory cytokines.” Division of Cardiology, Department of Medicine, Medical College of Georgia, Augusta, Georgia, April 27, 2005.
- “Cytokines regulate reactive oxygen species and vascular function.” Investigators Meeting on Cardiovascular/Kidney Diseases, Department of Medicine, Division of Nephrology and Hypertension, Georgetown University Medical Center, Amelia Island, Florida, May 27-30, 2005.
- “Mechanisms involved in the relaxation of basilar artery induced by the soluble guanyl cyclase stimulator, BAY 41-2272.” Department of Medicine, Universitaire Instelling Antwerpen, Antwerp, Belgium, June 2, 2005.
- “Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure.” Institut de Recherches Servier, Suresnes, France, June 10, 2005.
- “Looking forward in basic science research.” 5th Hypertension Summer School, American Heart Association, Castine, Maine, July 20, 2005.
- “Is there something inflammatory about vascular changes in hypertension?” Center for Nursing Research, School of Nursing, Medical College of Georgia, Augusta, Georgia, October 14, 2005.
- “Rho-kinase signaling in hypertension.” Division of Cardiology, Department of Medicine, Medical College of Georgia, Augusta, Georgia, November 28, 2005.
- “The role of inflammatory mediators in hypertension.” Department of Biology, Savannah State University, Savannah, Georgia, January 20, 2006.
- “Preclinical requirements for the clinical advancement of anti-hypertensive/renal protective therapeutic approaches.” Expert Panel Meeting on Renal Protection and Hypertension, Boehringer Ingelheim Pharmaceuticals, Inc., New York, New York, March 3-4, 2006.
- “Vasoconstrictor and vasodilator properties of cytokines.” Pharmacology of Cytokines in the Cardiovascular System, Division for Systems and Integrative Pharmacology Symposium, American Society for Pharmacology and Experimental Therapeutics, San Francisco, California, April 3, 2006.
- “Dynamic association of nitric oxide downstream signaling molecules with the caveolae of endothelial cells in the corpus cavernosum.” Department of Physiology and Pharmacology, Drexel University, Philadelphia, Pennsylvania, May 1, 2006.
- “Pivotal role of cholinergic nerves in the electrical field stimulation-induced corpus cavernosum relaxation isolated from nNOS null mice.” Keynote Speaker, 11th International Vascular Neuroeffector Mechanisms and Cardiovascular Pharmacology and Medicine Symposia, Suzhou, China, June 26-29, 2006.
- “Tachyphylaxis to angiotensin II is prevented by caveolae disruption and inhibition of receptor internalization in rat aorta.” Gene and cell-based therapies for cardiovascular disease. Symposium of the 15th World Congress of Pharmacology, International Union of Basic and Clinical Pharmacology (IUPHAR-2006), Beijing, China, July 2-7, 2006.
- “Type 2 diabetes and erectile dysfunction.” 38th Congresso Brasileiro de Farmacologica e Terapeutica Experimental, Ribeirao Preto, SP, Brazil, October 20, 2006.
- “RhoA/Rho-kinase signaling and vasoconstriction: Lessons from hypertension and erectile dysfunction.” Graduate Program in Pharmacology, Universidade Federal de Santa Catarina, Florianopolis, SC, Brazil, October 23, 2006.
- “RhoA/Rho-kinase signaling and vasoconstriction: Lessons from hypertension and erectile dysfunction.” Department of Physiology and Pharmacology, College of Veterinary Medicine, University of Georgia, Athens, Georgia, November 14, 2006.
- “Increased contraction to uridine adenosine tetraphosphate (Up4A) in aorta from DOCA hypertensive rats.” Fifth U.S.-Japan Symposium on Cellular and Molecular Aspects of Vascular Smooth Muscle in Health and Disease, Kailua-Kona, Hawaii, January 7-9, 2007.
- “Integration of sympathetic, neural control and inflammatory mediators in the regulation of blood pressure.” Department of Physiology, Howard University, Washington, D.C., January 26, 2007.
- “Is there something inflammatory about vascular changes in hypertension?”, Department of Pharmacology, Physiology and Neuroscience, University of South Carolina, Columbia, South Carolina, January 29, 2007.

- “Cardiovascular disease: Incidence, demographics and pathophysiology.” Pool Society Weekend, Department of Radiology, Medical College of Georgia, Augusta, Georgia, March 3, 2007.
- “Is there something inflammatory about vascular changes in hypertension?” Chinese Physiological Society, Taipei, Taiwan, March 17, 2007.
- “Integration of sympathetic neural control and inflammatory mediators in the regulation of blood pressure.” College of Life Sciences, Tzu Chi University, Hualein, Taiwan, March 19, 2007.
- “Rho-kinase and the vasculature.” XVII Scientific Sessions of the Inter-American Society of hypertension and XIV Annual Scientific Sessions of the Consortium for Southeastern Hypertension Control, Miami, Florida, May 8, 2007.
- “Cytokines, partners and strangers in the vascular changes of hypertension.” Cardiovascular Research Center, University of Iowa, Iowa City, Iowa, June 1, 2007.
- “Mechanisms of vascular hypertrophy and remodeling.” Sixth Hypertension Summer School, Council for High Blood Pressure Research, American Heart Association, Fort Collins, Colorado, July 28-August 1, 2007.
- “Making a great impression at a scientific meeting: Presenting your poster, presenting yourself.” Career Workshop, American Physiological Society, Austin, Texas, August 10, 2007.
- “Writing your first paper: The ‘ins’ and ‘outs’ of authorship.” Career Workshop, American Physiological Society, Austin, Texas, August 10, 2007.
- “Is there something inflammatory about vascular changes in hypertension?” Department of Physiology, Howard University, Washington, D.C., December 17, 2007.
- “Is there something inflammatory about vascular changes in hypertension?” Department of Pharmacology, School of Pharmacy, University of Sao Paulo, Ribeirao Preto, SP, Brazil, February 13, 2007.
- “Molecular aspects of arterial smooth muscle contraction.” VII International Symposium on Vasoactive Peptides, Ouro Preto, MG, Brazil, February 16, 2007.
- “Mentoring, a mission to inspire and initiate.” Annual Banquet, Students for Community Involvement, Medical College of Georgia, Augusta, Georgia, April 30, 2008.
- “Cellular events contributing to increased vascular reactivity in hypertension: Pyk an enzyme.” Department of Physiology, Tulane University School of Medicine, New Orleans, Louisiana, May 12, 2008.
- “Practical guides to writing grants and getting research done.” 2008 Summer Research Conference on Sexual Medicine, American Urological Association, Baltimore, Maryland, August 7-9, 2008.
- “New insights into mechanisms of vascular contraction: STIM-1/Orai-1 pathway and vascular dysfunction.” Jackson Cardiovascular Renal Meeting, University of Mississippi Medical Center, Jackson, Mississippi, October 15-18, 2008.
- “New insights into mechanisms of vascular contraction: STIM-1/Orai-1 pathway and vascular dysfunction in hypertension. Keystone Symposium, Dissecting the Vasculature: Function, Molecular Mechanisms and Malfunction. Vancouver, Canada, February 24-March 1, 2009.
- “Inflammatory cytokines and erectile dysfunction, TNF- α rising.” Urologic Complications of Obesity and Diabetes, sponsored by the Division of Kidney, Urologic and Hematologic Diseases, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Baltimore, Maryland, March 10-11, 2009.
- “New insights into mechanisms of vascular contraction: STIM-1/Orai-1 pathway and vascular dysfunction in hypertension.” Distinguished Lecture Series, University of South Alabama College of Medicine, Mobile, Alabama, March 12, 2009.
- “Inflammatory cytokines and erectile dysfunction, TNF- α rising.” Georgia Urological Association, Sixth Annual Spring Meeting and Urology Resident Research Expo, Braselton, Georgia, March 13-15, 2009.
- “Orai, the keepers of the calcium gate in vascular smooth muscle.” Department of Physiology, Medical College of Georgia, Augusta, Georgia, May 14, 2009.
- “Salicylates dilate blood vessels through inhibition of PYK2-mediated RhoA/Rho-kinase activation Belo Horizonte, Brazil, August 7, 2009.
- “Orai, the keepers of the calcium gate in vascular smooth muscle.” Department of Biochemistry, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, August 7, 2009.
- “How to have my manuscript published.” InterAmerican Society for Hypertension XVII Scientific Sessions Belo Horizonte, Brazil, August 8, 2009.

- “Nitric oxide inhibits smooth muscle cell mitogenesis.” Investiture ceremony for Dr. Rajabrata Sarkar, Department of Surgery, Section of Vascular Surgery, University of Maryland, Baltimore, Maryland, October 6, 2009.
- “The physiology of sex: Neuronal nitric oxide synthase (nNOS) trumps endothelial NOS (eNOS).” Department of Physiology and Pharmacology, George Washington University, Washington, D.C., March 3, 2010.
- “The physiology of sex: Neuronal nitric oxide synthase (nNOS) trumps endothelial NOS (eNOS).” College of Pharmacy, University of South Carolina, Columbia, South Carolina, March 23, 2010.
- “What about the nerve cell?”, Mock debate on erectile dysfunction. American Urological Association, San Francisco, May 27, 2010.
- “Mechanisms for altered vascular reactivity in hypertension.” 7th Hypertension Summer School, American Heart Association, Portland, Oregon, August 3, 2010.
- “Vasoactive peptide signaling and vascular control. 14th Annual Scientific Meeting, Heart Failure Society, San Diego, California, Sep 12-15, 2010.
- “Nitroxyl anion is an endothelium-derived hyperpolarizing factor effecting vasodilation. Angelo Angeli, a nine-time Nobel nominee would have been happy!” Section of Cardiology (Grand Rounds), Department of Medicine, Georgia Health Sciences University, Augusta, Georgia, March 4, 2011.
- “Nitroxyl anion is an endothelium-derived hyperpolarizing factor effecting vasodilation.” Department of Environmental Health, University of Alabama Birmingham, Birmingham, Alabama, March 24, 2011.
- “Vascular function, hypertension and sexual dysfunction.” American Society of Hypertension, 26th Annual Scientific Meeting, New York, New York May 21, 2011.
- “Cardiotonic steroids and vascular complications of preeclampsia associated with depression.” Society for Women’s Health Research, Washington, D.C., June 17, 2011.
- “Physiological systems regulating vascular tone.” Vasculata 2011, Morehouse School of Medicine and Georgia Institute of Technology, Atlanta, Georgia, July 26-29, 2011.
- “Vascular function, hypertension, diabetes and sexual dysfunction. A decade of collaboration. Faculty Senate, Georgia Health Sciences University, Augusta, Georgia, August 12, 2011.
- “Hypertension, stressed-out and inflamed.” Department of Pharmacology and Toxicology, University of Arkansas, Little Rock, Arkansas, Student’s Choice, December 14, 2011.
- “Hypertension, stressed-out and inflamed.” Department of Pharmacology and Toxicology, Georgia Health Sciences University, Augusta, Georgia, December 16, 2011.
- “Mechanisms of sex differences in vascular function.” 2012 Annual Meeting of the Organization for the Study of Sex Differences. Baltimore, Maryland, June 7-10, 2012.
- “Toll-like receptor 9: a novel link between mitochondrial DNA and maternal vascular function in preeclampsia.” 2013 Annual Meeting of the American Society of Transplant Surgeons, Seattle, Washington, May 19, 2013.
- “Basic mechanisms of vascular contraction in hypertension.” 6th Hypertension Summer School, American Heart Association, Columbia, South Carolina, July 30, 2013.
- “Cardiotonic steroids and vascular complications of preeclampsia.” Society for Women’s Health Research, Washington, D.C., September 24, 2013.
- “Mitochondria-derived peptides: Novel mediators of vasodilatation.” 6th David F. Bohr Lecture on Vascular Smooth Muscle. 11th International Symposium on Mechanisms of Vasodilatation. Zurich, Switzerland, October 5, 2013.
- “Toll-like receptor activation: A novel mechanism linking vascular dysfunction in hypertension, sexual dysfunction and pre-eclampsia.” 45th Congress of the Brazilian Society for Pharmacology and Experimental Therapeutics, Ribeirao Preto, Brazil, October 29, 2013.
- “Mitochondria-derived peptides: Novel mediators of vasodilatation.” Department of Physiology, Georgia Regents University, Augusta, Georgia, November 21, 2013.
- “Toll-like receptor 9: A link between placenta-derived mitochondria and maternal vascular dysfunction.” Department of Physiology and Biophysics, Howard University, Washington, D.C., February 21, 2014.
- “Toll-like receptor activation: A novel mechanism linking vascular dysfunction in hypertension, sexual dysfunction and pre-eclampsia.” Department of Basic Medical Sciences, University of Arizona, Phoenix, Arizona, April 3, 2014.
- “Toll-like receptors: Sensing danger in the vasculature.” Department of Medicine, Cardiology Section, Georgia Regents University, Augusta, Georgia, October 10, 2014.

- “Mitochondria-derived peptides: Novel mediators of vasodilatation.” Hypertension and Vascular Research Center, Wake Forest School of Medicine, Winston-Salem, North Carolina, October 7, 2015.
- “Toll-like receptor activation: A novel mechanism for vascular dysfunction in pre-eclampsia.” Transforming Cardiovascular Disease Prevention for Millennial Women: Beyond Traditional Risk Factors Symposium, Winston-Salem, North Carolina, October 7-8, 2015.
- “Toll-like receptors: Sensing danger in the vasculature and what can we learn from parasitoid wasps.” Dalton Cardiovascular Research Center, Department of Physiology and Pharmacology, University of Missouri, Columbia, Missouri, October 13, 2015.
- “Vascular calcification is deadly in chronic kidney disease.” Department of Physiology, Augusta University, Augusta, Georgia, January 7, 2016.
- “Mitochondria-derived peptides: Novel mediators of vasodilatation.” Department of Chemistry, Georgia State University, Atlanta, Georgia, January 15, 2016.
- “Here comes the sun to lower your blood pressure.” Department of Physiology, Augusta University, Augusta, Georgia, January 28, 2016.
- “Toll-like receptors: Sensing danger in the vasculature and what can we learn from parasitoid wasps.” Augusta University-University of Georgia Medical Partnership, Athens, Georgia, February 25, 2016.
- “Weaving a wicked Webb: A ghoulish tale of Toll-like receptors in hypertension.” Department of Pharmacology, University of Colorado, Anschutz Medical Campus, Denver, Colorado, Halloween, 2016.
- “Mitochondrial damage-associated molecular patterns and vascular function in hypertension.” Symposium on Non-Conventional Role of Mitochondria in Cardiovascular Health and Disease. American Heart Association, Scientific Sessions 2016, New Orleans, Nov 12-16, 2016.
- “Hypertension in football players: Toll-like receptors sense danger signals following tissue injury to elevate blood pressure”. American Heart Association, Augusta, Georgia November 18, 2016.
- “Selecting a postdoc for your laboratory (other models work, too)”. Women in Physiology Committee Symposium, Choosing the right lab and personnel for your career, Experimental Biology 2017 Chicago, April 23, 2017.
- “Hypertension in football players: Toll-like receptors sense danger signals following tissue injury to elevate blood pressure.” Richmond County Exchange, Augusta, Georgia, May 9, 2017.
- “Toll-like receptors (key proteins in the innate immune system): Sensing danger in the vasculature and hypertension”. Inaugural Sibley Hoobler Lecture, Frankel Cardiovascular Center, University of Michigan, Ann Arbor, Michigan, September 8, 2017.
- “Animal models for studying diabetes: Innate immune activation contributes to bladder hypercontractility in a murine model of type 1 diabetes”. Diabetes and Diabetic Uropathy Symposium, American Urological Association Headquarters, Linthicum, Maryland, October 8-9, 2017.
- “Innate immunity and erectile dysfunction. Innate immune activation contributes to erectile dysfunction in angiotensin II-induced hypertension.” 2017 Annual Fall Scientific Meeting of the Sexual Medicine Society of North America, San Antonio, Texas, October 26, 2017.
- “Na-K ATPase and vascular inflammation in hypertension: A new function for an ‘old’ enzyme.” Section of Cardiology (Grand Rounds), Department of Medicine, Augusta University, Augusta, Georgia, February 16, 2018.
- “Hypertension update: Toll-like receptors sense danger signals following tissue injury to elevate blood pressure.” Augusta University Retiree Association, Augusta, Georgia, March 13, 2018.
- “Written in ink: A study of the innate immune response in hypertension.” Council on Hypertension, American Heart Association, Chicago, Illinois, September 8, 2018.
- “Mitochondria-derived DAMPs and vascular inflammation in hypertension.” Cardiovascular Research Institute, School of Medicine, Case Western Reserve University, Cleveland, Ohio, September 18, 2018.
- “Mitochondria-derived DAMPs as a trigger of innate immune responses and vascular inflammation in hypertension.” Department of Physiology and Pharmacology, School of Veterinary Medicine, University of Georgia, Athens, Georgia, October 1, 2018.
- “Cardiotonic steroids, Na-K ATPase and vascular inflammation in hypertension: A new function for an ‘old’ enzyme.” Dalton Cardiovascular Research Center, University of Missouri, Columbia, Missouri, October 22, 2018.

- “Cardiotonic steroids, Na-K ATPase and vascular inflammation in hypertension: A ‘scary’ function for an ‘old’ enzyme.” Department of Physiology and Pharmacology, University of Toledo, Toledo, Ohio, Halloween, 2018.
- “Bacteria- and mitochondria-derived N-formyl peptides: Novel links between trauma, vascular collapse and sepsis.” Grand Rounds, Department of Medicine, University of Missouri, Columbia, Missouri, December 6, 2018.
- “Cardiotonic steroids, Na-K ATPase and vascular inflammation in hypertension: A ‘bad’ function for an ‘old’ enzyme.” Renal Vascular Workshop, Department of Physiology, Tulane University School of Medicine, New Orleans, March 11, 2019.
- “Hypertension is on fire: What’s fanning the flames? Mitochondria-derived DAMPs as a trigger of innate immune responses and vascular inflammation in hypertension.” Myerson-DiLuzio Memorial Lecture, Department of Physiology, Tulane University School of Medicine, New Orleans, March 11, 2019.
- “Here comes the sun to lower your blood pressure.” Sterling Professor Lectureship, 46th Pharmacology Colloquium, Michigan State University, University of Michigan, University of Toledo and Wayne State University, Toledo Ohio, June 21, 2019.
- “Cardiotonic steroids, Na-K ATPase, hypertension and a vision, but not van Gogh’s.” Department of Physiological Sciences, College of Veterinary Medicine, University of Florida, Gainesville, Florida, June 24, 2019.
- “Cardiotonic steroids, Na-K ATPase and vascular inflammation in hypertension: A new function for an ‘old’ enzyme.” Department of Anatomy and Cell Biology, East Carolina University, Greenville, North Carolina, July 1, 2019.
- “Hypertension is on fire: What’s fanning the flames? Mitochondria-derived DAMPs as a trigger of innate immune responses and vascular inflammation in hypertension.” Department of Cell Biology and Anatomy, University of South Carolina School of Medicine, Columbia, South Carolina, August 12, 2019.
- “You are my sunshine to lower my blood pressure.” Department of Science, Technology, Engineering and Mathematics, Truett McConnell University, Cleveland, Georgia, August 22, 2019.
- “Cardiotonic steroids have a vascular inflammatory action in hypertension.” Translational Cardiovascular Research Center of Excellence, College of Medicine, University of Arizona, Phoenix, Arizona, September 11, 2019.
- “Mitochondria-derived damage-associated molecular patterns (DAMPs) as triggers of innate immune responses and vascular inflammation in hypertension.” Department of Physiology, University of Kentucky, Lexington, Kentucky, November 7, 2019.
- “Dysregulated innate immune responses contribute to erectile dysfunction.” Fourth Annual Meeting of the Society for Pelvic Research, Keynote Speaker, Charleston, South Carolina, November 17, 2019.
- “Cell death, damage-associated molecular patterns (DAMPs) and vascular inflammation in hypertension.” Department of Comparative Biomedical Sciences, Louisiana State University, Baton Rouge, Louisiana, December 12, 2019.
- “Innate immune activation contributes to bladder hypercontractility in a murine model of type 1 diabetes.” 2020 Winter Meeting Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction, Scottsdale, Arizona, February 26, 2020.
- “Cardiotonic steroids, Na-K ATPase and vascular inflammation in hypertension: A ‘bad function’ for an ‘old’ enzyme.” Cardiovascular Translational Reserch Center, University of South Carolina School of Medicine, Columbia, South Carolina, May 8, 2020.
- “Here comes the sun to lower your blood pressure.” Cardiovascular Translational Reserch Center, University of South Carolina School of Medicine, Columbia, South Carolina, July 6, 2020.
- “Restarting a lab or research project during a pandemic.” American Heart Association Summer Webinar Series, July 9, 2020.
- “Mitochondrial damage-associated molecular patterns (DAMPs) and vascular dysfunction in hypertension.” Department of Pharmacology, University of Vermont, Larner College of Medicine, Burlington, Vermont, October 22, 2020.
- “Building a world-class Cardiovascular Translational Research Center.” Dean’s Executive Advisory Council, Unviersity of South Carolina School of Medicine, Columbia, South Carolina, January 22, 2021.

- “Vascular calcification is deadly in chronic kidney disease.” Cardiovascular Translational Research Center, University of South Carolina School of Medicine, Columbia, South Carolina, January 26, 2021.
- “Mitochondrial damage-associated molecular patterns (DAMPs) and vascular dysfunction in hypertension.” Department of Physiology, Southern Illinois University School of Medicine, Carbondale, Illinois, February 5, 2021.
- “Dysregulated innate immune responses contribute to erectile dysfunction.” KURe Research Symposium, Multidisciplinary Benign Urology Virtual Research Symposium, Duke University School of Medicine, Druham, North Carolina, April 29-30, 2021.

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Reviews, Book Chapters, Editorials, Commentaries and Other Publications

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DISSERTATION COMMITTEES

(red number indicates major advisor)

1. David R. Webb, Anatomy, University of Michigan, 1982
2. Steven Eiger, Physiology, University of Michigan, 1982
3. David W. Vinter, Anatomy, University of Michigan, 1983
4. Gary M. Malvin, Physiology, University of New Mexico, 1983
5. Christian Harker, Physiology, University of Michigan, 1984
6. Patricia Perry, Nursing, University of Michigan, 1985
7. Paul Simpson, Pharmacology, University of Michigan, 1987
8. Robert Spengler, Pharmacology, University of Michigan, 1987
9. Milo Wiltbank, Physiology, University of Michigan, 1987
10. Fred S. Lamb, Physiology, University of Michigan, 1987
11. Mila B. Turla, Physiology, University of Michigan, 1988
12. Ronald E. Weishaar, Pharmacology, University of Michigan, 1987
13. JoAnn E. Natale, Physiology, University of Michigan, 1988
14. Anne Folta, Nursing, University of Michigan, 1989
15. Daniel R. LeMay, Physiology, University of Michigan, 1989
16. Deborah S. Storm. Nursing, University of Michigan, 1990
17. Thomas Huber, Physiology, University of Michigan, 1990
18. Karen Todd, Physiology, University of Michigan, 1990
19. Daland Juberg, Environmental and Industrial Health, University of Michigan, 1990
20. Gerald P. Schielke, Physiology, University of Michigan, 1991
21. Mary Sue Pahl, Environmental and Industrial Health, University of Michigan, 1991
22. Mei-Ling Tsai, Environmental and Industrial Health, University of Michigan, 1992
23. Bradley J. Martin, Physiology, University of Michigan, 1992
24. Nitin Kulkarni, Physiology, University of Michigan, 1993
25. Ligu Chi, Pharmacology, University of Michigan, 1994
26. Rajabrata Sarkar, Physiology, University of Michigan, 1995
27. Christopher P. Mack, Pharmacology, University of Michigan, 1995
28. Patricia Lieberman, Physiology, University of Michigan, 1996
29. Jong-Shiaw Jin, Physiology, University of Michigan, 1995
30. Michael Gralinski, Pharmacology, University of Michigan, 1996
31. James Park, Pharmacology, University of Michigan, 1997
32. Rita C.A. Tostes, Pharmacology, University of San Paulo, 1996
33. Craig F. Plato, Physiology, Medical College of Wisconsin, 1997
34. Douglas G. Johns, Physiology, University of Michigan, 1998
35. Daniel Michele, Physiology, University of Michigan, 1998
36. Chwen-Ting Wang, Environmental and Industrial Health, University of Michigan, 1999
37. Richard A. Beswick, Physiology, University of Michigan, 1999
38. Rayna Gonzales, Physiology, University of New Mexico, 1996-99
39. Thea Clipson, Environmental and Industrial Health, University of Michigan, 2000
40. Andrew Clark, Physiology, Medical College of Georgia
41. Kanchan Chitale, Physiology, University of Michigan, 2000
42. Shyamal Mehta, Physiology, Medical College of Georgia, 2000
43. Yu Liu, Physiology, Medical College of Georgia, 2000
44. Ronald George, Physiology, Medical College of Georgia, 2000
45. Ericka Daniels, Physiology, Medical College of Georgia, 2001
46. Brett Mitchell, Physiology, Medical College of Georgia, 2001
47. Jan Williams, Physiology, Medical College of Georgia, 2001
48. Dabbs Loomis, Vascular Biology, Medical College of Georgia, 2002
49. Anita Smith, Physiology, Medical College of Georgia, 2002
50. Zhekang Ying, Physiology, Medical College of Georgia, 2003-2007
51. Christine Rigsby, Physiology, Medical College of Georgia, 2003-2007
52. Tracy Bell, Physiology, Medical College of Georgia, 2004-2008
53. Leshon Sturgis, Physiology, Medical College of Georgia, 2004-2008
54. Pamela L. Wall, Physiology, Medical College of Georgia, 2004-2008

55. Sai Zemse, Physiology, Medical College of Georgia, 2005-2009
56. Elizabeth NeSmith, Nursing, Medical College of Georgia, 2006
57. Brandi Wynne, Physiology, Medical College of Georgia, 2008
58. Hyehun Choi, Physiology, Medical College of Georgia, 2008
59. Hicham Labazi, Physiology, Medical College of Georgia, 2008
60. Edson Nogueira, Physiology, Medical College of Georgia, 2008
61. Kathryn Spitler, Physiology, Georgia Regents University, 2010
62. Maha Coucha, Physiology, Georgia Regents University, 2011
63. Ashlee Tipton, Physiology, Georgia Regents University, 2011
64. Inger Stallmann, Physiology, Georgia Regents University, 2011
65. Namita Hattangady, Physiology, Georgia Regents University, 2011
66. Matsu P. Seremwe, Physiology, Georgia Regents University, 2011
67. Cam McCarthy, Physiology, Georgia Regents University, 2012
68. Trevor Hardigan, Physiology, Georgia Regents University, 2012
69. Zhi Qu, Physiology, Georgia Regents University, 2013
70. Justin Van Beusecum, Physiology, Georgia Regents University, 2013
71. Krystal Brinson, Physiology, Georgia Regents University, 2013
72. Lia Taylor, Physiology, Augusta University, 2016
73. Patricia Martinez Quinones, Physiology, Augusta University, 2018
74. Stephanie Wilczynski, Cell Biology and Anatomy, University of South Carolina, 2020
75. Liya Du, Cell Biology and Anatomy, University of South Carolina, 2020
76. Mengistu Gebere, Cell Biology and Anatomy, University of South Carolina, 2020
77. Erin Gorman, Pharmacology, Physiology and Neuroscience, University of South Carolina, 2021

UNDERGRADUATE STUDENTS

1. M. Fran Koehler, University of Michigan, 1976
2. Warren E. Lockette, University of Michigan, 1977-78
3. Joyce C. Johnson, University of Michigan, 1978-79
4. Robin D. Gantz, University of Michigan, 1982-83
5. Harry L. Anderson, University of Michigan, 1983
6. James H. Rice, University of Michigan, 1981-83
7. Fred S. Lamb, University of Michigan, 1983-84
8. Michael J. Hamlin, University of Michigan, 1984-86
9. John L. Hall, University of Michigan, 1985
10. Charles A. Gardner, University of Michigan, 1985-86
11. Charlotte King, University of Michigan, 1986-87
12. William D. Ling, University of Michigan, 1988
13. Jerry Dayharsh, University of Michigan, 1989
14. Lisa L. Gilbert, University of Michigan, 1989
15. J. Raval, University of Michigan, 1989
16. Patricia Czapp, University of Michigan, 1989
17. Hoon Yim, University of Michigan, 1990
18. Laura Katz, University of Michigan, 1990
19. Samuel M. Park, University of Michigan, 1990
20. Kevin Schreur, University of Michigan, 1990
21. Joy Madison, University of Michigan, 1992
22. Kim Monroe, University of Michigan, 1993
23. Michael Fisher, University of Michigan, 1993
24. Theodore J. Koliass, University of Michigan, 1993
25. Eric Kaminskis, University of Michigan, 1993
26. Oren Traub, University of Michigan, 1993
27. Paul Murray, University of Michigan, 1993
28. Anthony Peters, University of Michigan, 1994
29. Mariano Ferrario, University of Michigan, 1994
30. Maria N. Ansari, University of Michigan, 1994
31. Sanjay Ghosh, University of Michigan, 1994

32. Caroline B. Huang, University of Michigan, 1994
33. Mentoria Power, University of Michigan, 1994
34. Catherine D. Carretero, University of Michigan, 1994
35. O.D. Sherwood, University of Michigan, 1994
36. Kimberly Yee, University of Michigan, 1995
37. D.H. Chi, University of Michigan, 1996
38. W.Y. Park, University of Michigan, 1996
39. Melvyn Baez, University of Michigan, 1996
40. Chetan Goud, University of Michigan, 1996
41. Patrick J. Javid, University of Michigan, 1996
42. Stacie Smith, University of Michigan, 1996
43. Heather L. Osborn, University of Michigan, 1997
44. Stephen M. Fisher, University of Michigan, 1997
45. Steve Fisher, University of Michigan, 1997
46. Ponni Permalswami, University of Michigan, 1997
47. Jyothsna Iyengar, University of Michigan, 1997
48. Stacie A. Smith, University of Michigan, 1997
49. Debbie Brozovich, Univrstiy of Michigan, 1997
50. David Chi, University of Michigan, 1997.
51. Timothy A. Yoon, University of Michigan, 1997
52. G.S. Cetnar, University of Michigan, 1997
53. Joy Madison, University of Michigan, 1997
54. Rick Turner, University of Michigan, 1997
55. Kim Spalding, University of Michigan, 1997
56. Charles Choi, University of Michigan, 1997
57. Marianne Franco, University of Michigan, 1998
58. Alec Schmaier, University of Michigan, 1998
59. Jeehyeon-Hsueh Bae, University of Michigan, 1998
60. Shalini Yalamanchi University of Michigan, 1998
61. Jon Dettling, University of Michigan, 1998
62. Albert DiPiero, University of Michigan, 1999
63. X. Si, University of Michigan, 1999
64. Nicole L. Tramontini, University of Michigan, 1999
65. Nirali Furia, University of Michigan, 1999
66. Dawnetta Marable, Augusta University, 2001
67. Heather Branum, Augusta University, 2001
68. Hisani Horne, Augusta University 2002
69. Rusty Johnson, Augusta University, 2003
70. Danielle Daniely, Augusta University, 2004
71. Katherine Tuggle, Augusta University, 2004
72. Rohini Battu, Augusta University, 2004
73. Rashmi Ponnala, Augusta University, 2004
74. Dermot Maher, Augusta University, 2004
75. Trenis Palmer, Augusta University, 2005
76. Caroline Johnson, Augusta University, 2005
77. David Patterson, Augusta University, 2005
78. Joesph Todd, Augusta University, 2005
79. Jonathan Lowery, Augusta University, 2005
80. Kimberly Lauria, Augusta University, 2005
81. Leshon Cherry, Augusta University, 2006
82. Bryan Simkins, Augusta University, 2007
83. Michelle Tumbri, Augusta University, 2008
84. Cody Browning, Augusta University, 2012
85. Luke Schmidt, Augusta University, 2012
86. Adam Greeley, Augusta University, 2013
87. Beth Burgess, Augusta University, 2014
88. Eunmi Ellie Hur, Augusta University, 2014

89. Carolyn A. Hennecken, Augusta University, 2015
90. Ian O'Malley, Augusta University, 2016-17
91. Eldria Earls, Augusta University, 2016
92. Julie Vincent, Augusta University, 2016
93. Malea Robinson, Augusta University, 2018
94. Angela Burton, Augusta University, 2018
95. Ashley Beasley, Augusta University, 2018
96. Susan Obi, Augusta University, 2018
97. Anna Tamasett, University of South Carolina, 2021

MEDICAL STUDENTS

1. Robert Cardwell, University of Michigan, 1984
2. Fred Lamb, University of Michigan, 1985
3. John L. Givogre, University of Michigan, 1989
4. Cos van de Ven, University of Michigan, 1990
5. Mark Wilson, University of Michigan, 1991
6. John W. McGillicuddy, University of Michigan, 1997
7. Ennici Mack, Augusta University, 2003
8. Bais Osbourne, Augusta University, 2004
9. Thomas Cooney, Augusta University, 2004
10. Alex Warner, Augusta University, 2017
11. Viral Patel, Augusta University, 2018
12. Nina Onuoha, Augusta University, 2018
13. Steven Lewis, Augusta University, 2018
14. Myles Ayer, University of South Carolina, 2021
15. James Pratt, University of South Carolina, 2021

INTERNATIONAL STUDENTS

1. E. Christian Hagen, Maastricht University, 1982
2. Rita C.A. Tostes, University of Sao Paulo, 1995
3. Kênia Pedrosa Nunes, Federal University of Minas Gerais, 2003
4. Fernanda B. Priviero, University of Campinas, 2004
5. Maria Alicia Carrillo Sepulveda, University of Sao Paulo, 2005
6. Haroldo A. Toque, University of Campinas, 2006
7. Fernanda R. Giachini, University of Sao Paulo Ribeirão Preto, 2006
8. Fernando S. Carneiro, University of Sao Paulo Ribeirão Preto, 2006
9. Zidonia N. Carneiro, University of Sao Paulo Ribeirão Preto, 2006
10. Victor V. Lima, University of Sao Paulo Ribeirão Preto, 2006
11. Felipe F.P. Linder, University of Sao Paulo Ribeirão Preto, 2008
12. F.F. Nogueira, University of Sao Paulo Ribeirão Preto, 2008
13. F. Filgueira, University of Sao Paulo Ribeirão Preto, 2010
14. N.S. Lobato, University of Sao Paulo Ribeirão Preto, 2012
15. Sandra Crestani, Universidade Federal do Para, 2012
16. Olufunke Arishe, University of Benin, 2018
17. He Chunrong, University of Hong Kong, 2018
18. Vanessa Dela Justina, Federal University of Mato Grosso, 2018
19. Yu-Chien Chan, National Defense Medical Center, Taipei, 2019
20. Tzu-Hsuan Liu, National Defense Medical Center, Taipei, 2019

POSTDOCTORAL FELLOWS

1. Thomas E. Mecca, University of Tennessee Health Science Center, 1982-83, American Heart Association Postdoctoral Fellowship
Current Position: Senior Director and Portfolio Head in CVRM at IQVIA

2. Loren P. Thompson, Michigan State University, 1984-86, American Heart Association Postdoctoral Fellowship
Current Position: Associate Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland
3. Cathy A. Bruner, Michigan State University, 1985-87, American Heart Association Postdoctoral Fellowship
Current Position: Associate Professor, School of Nursing and Allied Health, SUNY Empire State College
4. Bridget K. Whelton, Michigan State University, 1987
Current Position: Assistant Professor, Department of Anesthesiology, University of Michigan
5. Linda Lee, University of Michigan, 1987-88, American Heart Association Postdoctoral Fellowship
Current Position: Associate Professor, Department of Internal Medicine, University of Iowa
5. W. Richard Campbell, Wayne State University, 1989, Porter Fellow, American Physiological Society
Current Position: Staff, Pro-African Educational Foundation
7. Kathleen M. Finta, University of Michigan, 1991-92
Current Position: Pediatric Cardiology, Marshfield Clinic
8. James F. Szocik, University of Michigan, 1991-92
Current Position: Associate Professor, Department of Anesthesiology, University of Michigan
9. Deborah S. Storm, University of Michigan, 1992
Current Position: Program Director, Rutgers New Jersey Medical School (Retired)
10. Stephanie W. Watts, Indiana University, 1992-95, American Heart Association Postdoctoral Fellowship
Current Position: Professor, Department of Pharmacology and Toxicology, Michigan State University
11. John R. Charpie, University of Michigan, 1992-94
Current Position: Professor, Department of Pediatrics, University of Michigan
12. Nancy L. Kanagy, Michigan State University, 1992-94, American Heart Association Postdoctoral Fellowship
Current Position: Professor, Department of Cell Biology and Physiology, University of New Mexico
13. Jong-Shiaw Jin, University of Michigan, 1995
Current Position: Professor, Department of Pathology, Tungs' Taichung MetroHarbor Hospital
14. Susan A. Klarr, Wayne State University, 1995-96
Current Position: Professor, Department of Biology, Schoolcraft College
15. Joyce Richey, Wayne State University, 1995-97
Current Position: Associate Professor, Department of Physiology and Biophysics, Keck School of Medicine, University of Southern California
16. Alessandra Melis, University of Cagliari, 1997-98
Current Position: Professor, Clinical Medicine, University of Udine
17. James L. Park, University of Michigan, 1997-98
Current Position: Wealth Management Advisor, TIAA, Ann Arbor
18. Romulo Leite, Universidade Federal de Ouro Preto, 1997-98
Current Position: Professor, Department of Pharmacology, Universidade Federal de Ouro Preto
19. David S. Weber, Medical College of Wisconsin, 1998-2001, American Heart Association Postdoctoral Fellowship
Current Position: Associate Professor, Department of Physiology, University of Southern Alabama
20. Anne M. Dorrance, University of Glasgow, 1998-2001
Current Position: Professor, Department of Pharmacology and Toxicology, Michigan State University
21. David P. Slovut, University of Michigan, 1998-99
Current Position, Professor, Department of Medicine, Albert Einstein College of Medicine
22. Douglas G. Johns, University of Michigan, 1999
Current Position: Clinical Director, Merck and Company
23. Liming Jin, Medical College of Georgia, 2002-05
Current Position: Assistant Professor, Department of Urology. University of California-Davis (Retired)
24. Dexter L. Lee, Medical College of Georgia, 2002-06
Current Position: Associate Professor, Department of Physiology, Howard University

25. A. Elizabeth Linder, University of São Paulo Ribeirão Preto, 2002-06
Current Position: Associate Professor, Department of Pharmacology, Federal University of Santa Catarina
26. Cleber Teixeira, University of Campinas, 2003-2006,
Current Position: Assistant Professor, Department of Pharmacology, University of Campinas, Deceased
27. Rob Hilgers, Maastricht University, 2004-2006
Current Position: Assistant Professor, Department of Pharmaceutical Sciences, College of Pharmacy and Health Sciences, Campbell University
28. Crystal Hill-Pryor, Wayne State University, 2005-08
Current Position: Hemorrhage and Resuscitation Portfolio Manager, Department of Defense
29. Fernanda B.M. Priviero, University of Campinas, 2006-2007
Current Position: Assistant Research Scientist, Department of Physiology, Augusta University
30. Chin-Wei Chiao, National Defense Medical Center, R.O.C., 2006-2009
Current Position: Staff Scientist, National Defense Center, R.O.C.
31. Kyan Allahdadi, University of New Mexico, 2007-2010
Current Position: Research Staff, Federal University of Bahia
32. Johanna Hannan, Queens University, 2008-2011
Current Position: Assistant Professor, Department of Physiology, East Carolina University
33. Christine Rigsby, Medical College of Georgia, 2009-2010
Current Position: Assistant Professor, Department of Biology, Middle Georgia State University
34. Kênia Pedrosa Nunes, Federal University of Minas Gerais, 2009-2012
Current Position: Assistant Professor, Department of Biological Sciences, Florida Institute of Technology
35. David Hardy, Medical College of Georgia, 2009-2010
Current Position: Physician, Department of Vascular Surgery, Cleveland Clinic
36. Stella Goulopoulou, Syracuse University, 2010-14, American Heart Association Postdoctoral Fellowship
Current Position: Assistant Professor, Department of Physiology and Anatomy, University of North Texas Health Science Center
37. Theodora Szasz, Michigan State University, 2010-16
Current Position: Managing Editor, A.D.A.M.
38. Fernanda Giachini, University of São Paulo Ribeirão Preto, 2010-2011
Current Position: Professor, Institute of Biological Sciences and Health, Federal University of Mato Grosso
39. Maria Alicia Carrillo Sepulveda, University of São Paulo, 2011-13
Current Position: Assistant Professor, Department of Biomedical Sciences, New York Institute of Technology
40. Camilla Ferreira Wenceslau, University of São Paulo, 2012-18, National Institutes of Health K99/R00 Research Award
Current Position: Assistant Professor, Department of Physiology and Pharmacology, University of Toledo
41. Jennifer Thompson, University of Western Ontario, 2012
Current Position: Assistant Professor, Department of Physiology and Pharmacology, University of Calgary
42. Tomoka Morita, Kitasato University, 2014
Current Position: Faculty, Laboratory of Veterinary Pharmacology, School of Veterinary Medicine, Kitasato University
43. Cameron McCarthy, Augusta University, 2016-18, American Heart Association Postdoctoral Fellowship
Current Position: Postdoctoral Fellow, Department of Physiology and Pharmacology, University of Toledo
44. Nicole Klee, Drexel University, 2016-19
Current Position: Medical Writer/Publication Lead, Alcon, Fort Worth, Texas
45. Patricia Martinez Quinones, University of Puerto Rico, 2016-18
Current Position: Surgery Resident, Department of Surgery, Medical College of Georgia at Augusta University

46. Fabiano Calmansini, University of Campinas, 2017-18
Current Position: Assistant Professor, University of Campinas
47. Amel Komic, Augusta University, 2018-19
Current Position: Surgery Resident, Department of Surgery, Medical College of Georgia at Augusta University
48. Jaine McKenzie, Augusta University, 2018-19
Current Position: Surgery Resident, Department of Surgery, Medical College of Georgia at Augusta University
49. Olufunke Arishe, University of Benin, 2018

VISITING FACULTY

1. Anthony B. Ebeigbe, University of Benin, 1982-83
2. J. Hurley Myers, Southern Illinois University, 1985-86
3. Irving G. Joshua, University of Louisville, 1990-91
4. Siangshu Chai, Shandong Academy of Medical Sciences, 1991-92
5. Cheoul Ho Yeum, Chosun University, 1994-95
6. Xiaochen Si, Nanjing University of Traditional Chinese Medicine, 1995-97
7. Romulo Leite, Federal University of Minas Gerais, 1997-99, 2004
8. Susan A. Klarr, Albion College. 1997-98
9. Colin Berry, University of Glasgow, 1998
9. Ilkuen Choi, Korea University, 1999
10. Chin-Chen Wu, National Defense Medical Center, R.O.C., 1999-2000, 2005-06
11. Shiu-Jen Chen, Kang-Ning Junior College of Medical Care and Management, R.O.C., 1999-2000, 2005-06
12. George Hsiao, Taipei Medical School, R.O.C., 2006
13. Rita C.A. Tostes, University of Sao Paulo, 2006-08
14. Jose Eduardo da Silva Santos, Universidade Federal do Para, 2007-08
15. Takayuki Matsumoto, Hoshi University, 2010-11
16. Chukwuemeka Nwokocha, University of the West Indies, Mona, 2011
17. Darízy Flávia Silva A. de Vasconcelo, Universidade Federal da Bahia, 2015-16
18. Chenghao Yu, Chengdu University of Traditional Chinese Medicine, 2017-18
19. Yemin Zhang, Wuhan University, 2018-19.

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