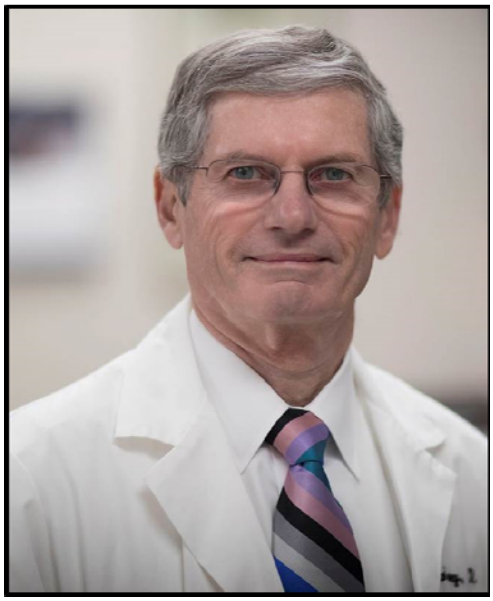

Revised: June, 2018

CURRICULUM VITAE

ROBERT MUNSON CAREY

Birth: 13 August 1940; Lexington, KY

Parents: Henry Ames Carey; BA, MA, University of California Berkley (Professor Alfred L. Kroeber, mentor); PhD, Columbia University (Professor Franz Boas, mentor) and Eleanor Day Munson Carey, BA, Wheaton College (Massachusetts); BS in LS, Columbia University.

Marriage: Theodora Vann Hereford (August 24, 1963); BA, Vanderbilt University

Children:

Adonice Ames (Carey) D'Atre (1968); BA, University of Virginia; MSW, Virginia Commonwealth University

Alicia Vann (Carey) Dagli (1970); BA, University of Richmond; MD, University of Virginia

Robert Josiah Hereford Carey (1985); BA with distinction, University of Virginia; MDiv *Magna cum Laude*, Covenant Theological Seminary

Education:

Lafayette High School, Lexington, KY, 1954-1958

BS - University of Kentucky, Lexington, KY, 1962

MD - Vanderbilt University School of Medicine, Nashville, TN, 1965

Present Positions:

Dean, Emeritus, and Professor of Medicine, University of Virginia School of Medicine

Postal Address: Box 801414, Department of Medicine, Aurbach Medical Research Building,

University of Virginia School of Medicine, Charlottesville, VA 22908-1414

Package Address: Aurbach Medical Research Building, 450 Ray C. Hunt Drive, Charlottesville, VA 22903

Phone: 434-924-5510

Fax: 434-982-3626

E-mail: rmc4C@virginia.edu

Website: http://www.healthsystem.virginia.edu/internet/carey/

Church and Community Activities:

Member, Trinity Presbyterian Church, Charlottesville, Virginia

Board of Directors, Young Life (1984-87)

Honorary Chair, The Covenant School Capital Campaign (1998-2001)

Board of Directors, The Covenant School (2002-8)
Co-chair, Development Committee (2003)
Chair, Development Committee (2004-8)
Chair, Development Advisory Board (2006-8)

Honorary Council, Charlottesville Symphony Society (2006-2010)

Professional Career:

1965-1966: Intern in Medicine, University of Virginia Hospital (Dr. Byrd S. Leavell), Charlottesville, VA

1968-1969: Junior Assistant Resident in Medicine, The New York Hospital-Cornell Medical Center (Dr. Alexander G. Bearn), New York, NY

1969-1970: Senior Assistant Resident in Medicine, The New York Hospital-Cornell Medical Center (Dr. Alexander G. Bearn), New York, NY

1970-1972: U.S. Public Health Service Fellow in Clinical Endocrinology and Instructor in Medicine, Department of Medicine, Vanderbilt University School of Medicine (Dr. Grant W. Liddle), Nashville, TN

1972-1973: American Heart Association Post-doctoral Fellow in Medicine (Hypertension), Medical Unit, St. Mary's Hospital Medical School, (Professor Sir W. Stanley Peart), London, England

1973-1976: Assistant Professor of Medicine (Endocrinology and Metabolism), University of Virginia School of Medicine, Charlottesville, VA

1973-2015: Attending Physician, University of Virginia Medical Center, Charlottesville, VA

1975-1986: Associate Director, NIH General Clinical Research Center, University of Virginia Medical Center, Charlottesville, VA

1976-1980: Associate Professor of Medicine (with tenure) (Endocrinology and Metabolism), University of Virginia School of Medicine, Charlottesville, VA

1977-1979: President, Clinical Staff, University of Virginia Medical Center, Charlottesville, VA

1978-1986: Director, Division of Endocrinology and Metabolism, Department of Medicine, University of Virginia Medical Center, Charlottesville, VA

1980-2015: Professor of Medicine (Endocrinology and Metabolism), University of Virginia School of Medicine, Charlottesville, VA

1986-2002: Dean and James Carroll Flippin Professor of Medical Science, University of Virginia School of Medicine, Charlottesville, VA

1998-2001: Senior Associate Vice President for Academic Affairs, University of Virginia Health System, Charlottesville, VA

2002-2015: University Professor, University of Virginia, Charlottesville, VA

2002-present: Dean, Emeritus, University of Virginia School of Medicine, Charlottesville, VA

2003-2015: David A. Harrison III Distinguished Professor of Medicine, University of Virginia School of Medicine, Charlottesville, VA

2007-2015: Non-resident faculty, Center for Public Health Genomics, University of Virginia Health System, Charlottesville, VA

2015- present: Professor of Medicine (Division of Endocrinology and Metabolism), University of Virginia School of Medicine, Charlottesville, VA

Military Service:

1966-1968: Surgeon (LCDR), U.S. Public Health Service assigned to Peace Corps, American Embassy, Tehran, Iran

1968-present: Surgeon (LCDR), U.S. Public Health Service Inactive Reserve

Certifications:

1966: National Board of Medical Examiners

1972: American Board of Internal Medicine (General Internal Medicine)

1973: American Board of Internal Medicine (Endocrinology and Metabolism)

Radioisotope Licensure: Authorized User #153-80, University of Virginia Medical Center

Medical Licensure:

1973-present: Virginia

Special Courses:

AAMC Executive Management Course for New Deans, July 17-22, 1987, Brewster, MA

University of Virginia Health Sciences Center Leadership Program, Darden Graduate School of Business Administration (1997)

Intensive Review of Internal Medicine, Harvard Medical School, Brigham and Women's Hospital , Boston, MA (2002)

Course in Thyroid Ultrasound, The Endocrine Society (2006)

Honors and Awards:

Alpha Omega Alpha Honor Medical Society

Fellow of the American College of Physicians (1973)

Fellow of the Council for High Blood Pressure Research, American Heart Association (1975)

Established Investigator, American Heart Association (1975-80)

President, American Heart Association Virginia Affiliate (1979-80)

Distinguished Service Award, American Heart Association/Virginia Affiliate (1980)

Elected Member, American Society for Clinical Investigation (1980)

Elected Member, American Clinical and Climatological Association (1982)

Attending Physician of the Year Award, Department of Internal Medicine, University of

Virginia Medical Center (1983-84)

Elected Member, Association of American Physicians (1985)

Member, Subspecialty Board of Endocrinology and Metabolism, American Board of Internal Medicine (1985-1990)

Hall of Fame (Charter Member), Lafayette High School, Lexington, Kentucky, at Golden Anniversary Celebration of the School (1989)

President of the Symposium: Dopamine and Hypertension, International Society of Hypertension (1990)

Elected Member, Institute of Medicine, National Academy of Sciences (1992)

Distinguished Alumnus Award, Vanderbilt University School of Medicine (1994)

Walter Reed Distinguished Achievement Award, University of Virginia Medical Alumni Association (1996)

Doctor Honoris Causa, Federal University of Ceara, Forteleza, Brazil (1998)

Co-moderator, National Center for Research Resources Scientific Planning Forum 1997 (with Louis W. Sullivan and Joshua Lederberg)

Doctoral (Ph.D.) Thesis Opponent, Ulla Holtback, Karolinska Institute, Stockholm, Sweden (1998)

Hall of Distinguished Alumni, University of Kentucky (2000)

Master of the American College of Physicians (2000)

Lifetime Achievement Award, Consortium of Southeastern Hypertension Control (2000)

Distinguished Achievement Award, The New York Hospital/Cornell Medical Center Alumni Council (2000)

Fellow of the American Physiological Society (Cardiovascular Section) (2001)

Irvine Page-Alva Bradley Lifetime Achievement Award, Council for High Blood Pressure Research, American Heart Association (2001)

Fellow of the American Heart Association (2001)

President, American Clinical and Climatological Association (2001-02)

Honorary Professor of Biomedical Ethics and Medical Humanities, University of Virginia School of Medicine (2002)

Honorary Citation by the Honorable Mark R. Warner, Governor of Virginia (2002)

Dean Robert M. Carey Award (given each year to a member of the second year class for leadership), University of Virginia School of Medicine (first award 2003)

Thomas Jefferson Award, University of Virginia (the University's highest award) (2003)

Fellow of the Royal College of Physicians of Ireland (2004)

Laureate Award, American College of Physicians (Virginia Chapter) (2004)

Chair, Council for High Blood Pressure Research, American Heart Association (2004-06)

Commendation by the General Assembly of the Commonwealth of Virginia, Joint House and Senate Joint Resolution No. 98 (2004)

Distinguished Physician Award, The Endocrine Society (2005)

Member, Faculty of 1000 Biology (2005-present)

Best Doctors in America (2005-06; 2007-08; 2009-10; 2011-12; 2013-14; 2015-16)

America's Top Physicians, Consumer's Research Council of America (2006, 2007, 2009, 2010, 2011, 2012, 2013, 2014)

Carey, Marshall and Thorner Scholar's Day, Department of Medicine, University of Virginia (2006-present)

Award of Excellence in Education, Department of Medicine, University of Virginia (2007)

American Heart Association Scientific Councils Distinguished Achievement Award (2008)

President, The Endocrine Society (2008-09)

Robert Tigerstedt Distinguished Scientist Award, American Society of Hypertension (2009)

National Institutes of Health Distinguished Editorial Board (2009)

USA Today Qforma Most Influential Doctors (2009)

Best Doctors in Virginia and Washington, DC, Virginia Living (2011-2014)

Edward H. Ahrens, Jr. Distinguished Investigator Award, Association for Clinical and Translational Science (2012)

Department of Medicine Research Award, University of Virginia (2012)

American Heart Association Research Excellence Award (sponsored by Novartis Pharmaceuticals Corporation), Council for High Blood Pressure Research (Novartis Award; 2012)

Elected Member, Virginia Academy of Science, Engineering and Medicine (2013)

Department of Medicine Mentorship Award (2014)

Outstanding Leadership in Endocrinology Award, Endocrine Society (2015)

Elected Member, National Academy of Medicine (2015)

Medical Grand Rounds, University of Virginia Health System, in honor of Robert M. Carey, MD (2015)

Endowed/Named/Plenary Lectures:

Edward Rose Lecture, University of Pennsylvania School of Medicine (1984)

Bley Stein Visiting Professor in Endocrinology, University of Southern California (1987)

State-of-the-Art Lecture, Council for High Blood Pressure Research (1999)

Richard Underwood Memorial Visiting Lecture, Harvard Medical School (2000)

Frank and Sheila Thompson Lecture, Texas A & M University College of Medicine (2005)

Emory Wilson Dean's Distinguished Lecture, University of Kentucky College of Medicine (2007)

Special Plenary Lecture, 80th Annual Congress of the Japanese Endocrine Society (2007)

Beverly Towery Lecture, Department of Medicine, University of Louisville (2008)

John and Meredith Oates Distinguished Lecture, Vanderbilt University School of Medicine (2008)

Opening Plenary Lecture, 33rd Annual Congress of the Italian Endocrine Society (2009)

Nachum and Bertha Mizney Memorial Lecture, Sir Mortimer B. Davis – Jewish General Hospital, McGill University, Montreal, Canada (2009)

Plenary Lecture, Chinese Endocrine Society, Dalian, China (2010)

Plenary Lecture (Year-in-the-Adrenal), The Endocrine Society, Boston (2011)

André Aisenstadt Memorial Lecture, McGill University (2011)

Allan F. Moore Memorial Lecture, Massachusetts General Hospital and Harvard Medical School (2012)

Plenary Lecture, International Society of Hypertension, Sydney, Australia (2012)

Robert M. Blizzard Lecture, Pediatric Endocrine Society, Washington, DC (2013)

Plenary Lecture, Japan Endocrine Society, Sendai, Japan (2013)

Inaugural Ed Schteingart Memorial Lecture, University of Michigan (2014)

E. Chester Ridgeway Memorial Lecture, Egyptian Association of Endocrinology, Diabetes and Atherosclerosis, Alexandria, Egypt (2014)

William McBride Memorial Lecture, Consortium for Southeastern Hypertension Control, Tampa (2017)

Opening Keynote Address, American Heart Association Hypertension Council/American Society of Hypertension Meeting, San Francisco (2017)

Special Lecture, 29th Japanese Study Group for Physiology and Management of Blood Pressure, Kyoto, Japan (2017)

David Rabin Lecture (35th Annual), Department of Medicine, Vanderbilt University School of Medicine (2018)

Elected Societies:

The Endocrine Society (1974)
- Finance Committee (1988-94)
- Development Committee (1991-95); Chair 1991-94)
- Member of Council (1995-97)
- Council Representative, Publications Committee (1995-97)
- **Chair**, Hormone Foundation Initiation Committee (1997)
- Council Representative, Clinical Initiatives Committee (1998)
- Blue Ribbon Committee on the Hormone Foundation (1998)
- Clinical Research Sub-Committee (2003-2005)
- Cardiovascular Endocrinology Task Force (2003)
- Research Advisory Committee (2003-2005)
- Hormone Foundation Committee
  - Men's Health Task Force (2005-2008)
- Clinical Guidelines for Primary Aldosteronism Writing Group (2006-07)
- Co-chair, Cardiovascular Endocrinology Dinner (2007)
- President-Elect (2007-08)
- **President (2008-09)**
- Immediate Past-President (2009-10)
- **Chair**, Advocacy and Public Outreach Core Committee (2009–2011)
- Liaison Member, Scientific Statements Task Force
- Nominating Committee (2011-2014)
- Coalition for Quality Testing (2011-2014)
  - Chair, Communication, Education and Advocacy Subcommittee (2011-2014)
- **Chair**, Scientific Statements Task Force (2011-present)
- Baxter Prize Design Group (2016)
- **Chair**, Baxter Medal Selection Committee (2017-2020)

The Hormone Foundation
Board of Directors (1997-03)
Executive Committee
Nominating Committee

American Federation for Clinical Research (1973)
Councilor, Southern Section (1978-81)
Nominating Committee, Southern Section (1982)

Southern Society for Clinical Investigation (1978)
Nominating Committee (1982)
Secretary-Treasurer (1985-88)
Institutional Representative (2008 – present)

Council for High Blood Pressure Research, American Heart Association
Fellow (1975)
Program Committee (1984-86)
Executive Committee (1991-94)
Long Range Planning Committee (1991-94)
Professional Education Committee (1989)
Task Force on Inter-Council Activities (1992-94)
Ciba Award Selection Committee (1993-95)
Budget Committee (1993-95)
Nominating and Membership Committee (1994-96)
Task Force on Council Structure (1995)
Nominating Committee (2000-04)
Fall Conference Committee (2002-08), Chair (2002-04)
Leadership Committee (2002-08)
Chair, Awards Committee (2002-04)
Novartis Award Selection Committee (2002-06)
Vice-Chair and Chair- Elect (2002-04)
Chair (2004-06)
Chair, Leadership Committee (2004-06)
Chair, Novartis Award Selection Committee (2004-06)
Immediate Past Chair (2006-08)
Immediate Past-Chair (2006-08)
Chair, Nominating Committee (2006-08)
Member, Strategic Planning Committee (2013)
Moderator, Strategic Planning Retreat (2013)

Hypertension Council, American Heart Association
Member, Excellence Award in Hypertension Selection Committee (2014-18)

Inter-American Society of Hypertension (1980)
XVIIth Scientific Sessions Executive Program Committee (2006-07)
Executive Committee (2013-14)

American Society for Clinical Investigation (1980)
Institutional Representative (1997-00)

Association of American Physicians (1985)

Institute of Medicine, National Academy of Sciences (1992)

National Academy of Medicine (2015)

American Clinical and Climatological Association (1982)
Nominating Committee (1994; 1999)
Chair, Nominating Committee (1995; 2003)
Vice President (1998-99)
Member of Council (1999-06)
President-Elect (2000-01)
President (2001-2002)
Ad Hoc Committee on Governance (2014)

Association of Patient-Oriented Research
NIH Advocacy Committee (2005-08)

International Society for Hypertension (1984)

The Raven Society (1988)

The American Physiological Society (2000)

Virginia Academy of Science, Engineering and Medicine (2013)
Founding Member
Executive Committee (2013-present)
Board of Directors (2013-present)
Nominating Committee (2015-2016)
Program Committee (2014 & 2017)
Membership Committee (2017-present)

University Community Awards: Hovey S. Dabney Award, United Way Combined Virginia Campaign (2000 and 2001).

Membership in Professional Societies:

Albemarle County Medical Society

Medical Society of Virginia

American College of Physicians

American Federation for Medical Research

American Society of Hypertension
Charter Member
Inter-societal Affairs Committee (1986-90)
Program Committee (2012-13)

American Medical Association

American Heart Association (National)
Science Advisory and Coordinating Committee (2004-08; 2012-2015; 2015-2017)
Council Operations Committee (2004-2008); **Chair (2006-08)**
Chair, International Mentoring Program Task Force (2006)
Fellows Task Force (2006)
Member Benefit Task Force (2007-08)
COC Task Force on "Proposed Science Subcommittee: Vascular Imaging & Intervention (2011)
Advocacy Coordinating Committee (2006-08)
Manuscript Oversight Committee (2004-07)
Prevention VIII Conference: Kidney Disease, Hypertension and Cardiovascular Disease (2006)
Program Committee
Chair, Writing Group
Research Strategic Planning Retreat (2006)
Chair, Working Group 3: Collaboration and Setting the Research Agendas (2006)
Writing Committees:
Resistant Hypertension (2005-08)
Cardiovascular Pharmacology and Kidney Insufficiency (2006-07)
Vice-Chair, AHA/ACC Hypertension Clinical Guidelines (2014-2017)
Chair, Resistant Hypertension (2016-2018)
Recommendations for Blood Pressure Measurement in Humans (2016-18)
Search Committee for Editor-in-Chief, *Hypertension* (2010-11)
Member, Board of Directors (2012-2013)
Chair, Scientific Publications Committee (first term 2013-2015; second term 2015-2017)
Blue Ribbon Panel on Research Investment (2013)
Member, Nominating and Awards Committee (2013-2017)
Member, Awards Subcommittee (2013-17)
Member, Conflict of Interest Review Committee (2013-2015; 2015-2017))
Chair, Search Committee for Editor-in-Chief of *Circulation* (2014-2015)
Vice-Chair, Hypertension Clinical Guidelines Writing Committee (2014-present)
Chair, SACC Nominating Subcommittee (2015-16)
Member, Search Committee for Editors-in-Chief, *Circulation: Cardiovascular Genetics* and *Circulation: Quality and Outcomes* (2015-16)
Chair, Search Committee for Editors-in-Chief, *Circulation: Heart Failure* and *Circulation: Arrhythmias and Electrophysiology* (2016)
Chair, Search Committee for Editor-in-Chief, *Circulation: Cardiovascular Genetics* (2016-17)
Member, AHA/AMA Target BP Advisory Group (2017-2019)

Member, Search Committee for Editors-in-Chief, *Circulation: Cardiovascular Imaging* and *Circulation: Cardiovascular Interventions* (2016-17)
Member, ACC/AHA Guideline Clinical Tool Work Group (2017)
Member, Hypertension Accreditation Work Group (2017)
Liaison, Hospital Accreditation Science Committee (2018-20)

American Heart Association/Mid-Atlantic Affiliate
Ex Officio Member, Board of Directors (2012-2013)

American Heart Association/Virginia Affiliate
Chair, Committee on Hypertension (1975-78)
Executive Committee (1978-81)
Vice Chair, Long Range Planning Committee (1980-81)
Chair, Long Range Planning Committee (1981-82)
Search Committee for Executive Vice-President (1981)
Board of Directors (1977-83)
President (1979-80)

Association of American Medical Colleges
Council of Deans (1986-2002)
L.C.M.E. Site Visit, Oregon Health Sciences University (1990)
Selection Committee, AAMC Award for Distinguished Biomedical Research (1991 and 1993)
Selection Committee for AAMC Abraham Flexner Award (1993)
Task Force on Medical School Finance (1994-95)
Planning Committee for Council of Deans Meeting (1995)
Member, Electronic Residency Application Service Advisory Committee (1995)
Member, Council of Deans Nominating Committee(1995)
Member, Organizing Committee, Dean's Roundtable on Research (1996)
Chair, Panel on Quantifying Faculty Productivity, Southern Council of Deans (1996)
Chair, Dean's Roundtable on Clinical Investigation (1996)
Chair, L.C.M.E. Site Visit, Stanford Medical School (1997)
Chair, AAMC 1998 Award for Distinguished Research Selection Committee (1998)
AAMC Advisory Panel on Research (1998-2003)
AAMC Task Force on Clinical Research (2004-06)
Chair, Organization, Administration and Governance Committee
Research Supported Finance Committee
Faculty Development Committee

Southern Medical Association (1986)

Christian Medical and Dental Association (1997-present)

Gordon Research Conference on Angiotensin
Steering Committee (2002-05)

Consortium for Southeastern Hypertension Control

Member, Board of Directors (2006-12)
Co-chair, Program Committee (2007)
Board of Directors (Advisory Member; 2012-present)
Vice President for Development (2013-present)
Facilitator, Strategic Planning Retreat (2014)
Member, Strategic Planning Committee (2014)
Member, Executive Committee (2015-present)
Member, Advisory Board, Practice Transformation Network, CMS TCPI Project (2015-16)
Member, Clinical Best Practices Advisory Board (2016-present)
Member, Cardiovascular Subcommittee

Editorial Positions: Consulting Editor, *Hypertension* (2012 - present)
Review Editor, *Hypertension*, Frontiers of Cardiovascular Medicine (2014 - present)

Editorial Boards:

1981-84: *Journal of Clinical Endocrinology and Metabolism*

1983-84: *Hypertension*

1987-89: *American Journal of Physiology: Heart and Circulatory Physiology*

1987-92: *American Journal of Hypertension*

1992-present: *Current Opinion in Endocrinology*

1993-97: *Pathophysiology*
1997-present: *Physiological Medicine*

1997-present: *Hypertension*

1998-present: Section Editor, Hypertension: Kidney, Sodium and Renin-Angiotensin System, *Current Hypertension Reports*, Current Science, Inc.

2003-present: Expert Advisor, *Breakthroughs in Bioscience*, FASEB

2003-06: Editorial Advisory Board, *Endocrine Today*

2004-present: *Current Hypertension Reviews*

2012-present: *Hypertension Research*

***Ad Hoc* Reviewer:**

Hypertension, Journal of Hypertension, American Journal of Hypertension, Clinical and Experimental Hypertension, Journal of Clinical Endocrinology and Metabolism, Endocrinology, Endocrine Reviews, New England Journal of Medicine, Journal of the American Medical Association, Lancet, Annals of Internal Medicine, Nature, Proceedings of the National Academy of Sciences USA, Journal of Clinical Investigation, Circulation, Circulation Research, Stroke.

National Public Service Boards:

1988-92: Cardiovascular and Renal Advisory Committee, United States Food and Drug Administration

1994-98: National Advisory Research Resources Council, National Institutes of Health

1995-97: Council Representative, Advisory Committee to the Director, National Institutes of Health

1996-97: Inter-Council Advisory Committee, National Institutes of Health

1997: Chair (with Joshua Lederberg), National Center for Research Resources Scientific Forum for Strategic Planning

2003: Chair (with Franklyn Prendergast), National Center for Research Resources (NCRR) Scientific Forum for Strategic Planning

NIH Scientific Review Boards:

1982-85: Study Section on Experimental Cardiovascular Sciences, National Institutes of Health

2009: National Institutes of Health Distinguished Editorial Panel

2011: Quadrennial Site Visit, NIH Program in Reproductive and Adult Endocrinology, National Institute of Child Health and Human Development

2018 Co-chair (with Curt Sigmund), NIH Hypertension Workshop: Gaps in Translation and Implementation.

Personal NIH/American Heart Association Research Support:

1. NIH Grant RR-00847, University of Virginia General Clinical Research Center, December 1, 1995-November 30, 2000; $15,000,000; July 1, 1973- present, **Investigator**; July 1, 1975-March 31, 1986, Associate Director; April 1, 1986-July 1, 2002, **Principal Investigator**.

2. American Heart Association Established Investigatorship; #76-115 - July 1, 1975 through June 30, 1980, **Principal Investigator**.

3. NIH Grant #R01-AM-17523, Role of the Gastrointestinal Tract in Control of Sodium Excretion, May 1, 1974 through April 30, 1977, $75,761, **Principal Investigator**.

4. American Heart Association/Virginia Affiliate, Sensitivity to Mineralocorticoids in Hypertension, July 1, 1975 through June 30, 1976, $7,849, **Principal Investigator.**

5. NIH Grant #1T32HL-07355, Research Training Grant in Hypertension, July 1, 1978 through June 30, 1983, $370,356**, Co-Principal Investigator**.

6. NIH Grant #R01-HL-22306, Renal Catecholamines in the Pathophysiology of Hypertension, April 1, 1978 through March 31, 1981, $123,916, **Principal Investigator**.

7. NIH Grant #R01-HL-22306, Renal Catecholamines in the Pathophysiology of Hypertension, April 1, 1981 through March 31, 1984, $247,709, **Principal Investigator**.

8. NIH Grant #R23-HL-28118, Renal Dysfunction in Respiratory Failure, July 1, 1982-June 30, 1985, $107, 301, **Co-Investigator**.

9. NIH Grant #2T32-HL-07355, Research Training Grant in Hypertension, July 1, 1983-June 30, 1988, $682,500, **Co-Principal Investigator and Co-Director**.

10. NIH Grant # RR-00847-l0-5l, Clinical Research Information System (CLINFO), July 1, l983-June 30, l988, $217,358, **Investigator and Associate Director**.

11. NIH Grant # R01-HL-32129, Control of Renal Function by Intrarenal Angiotensin, April 1, 1984 through March 31, 1987, $336,382, **Principal Investigator**.

12. NIH Grant # P01-HL-19242, Vascular Smooth Muscle Program Project, Richard A. Murphy, Principal Investigator; Subproject: Juxtaglomerular Cells and Regulation of Renin Release; January 1, 1985 - December 31, 1987, $252,663; **Principal Investigator**.

13. NIH Grant #3T32 - AM-O7320, Research Training in Diabetes and Hormone Action, September 1, 1983-August 31, 1988, $556,000, **Principal Investigator and Director**.

14. NIH Grant #R01-HL-32129, Control of Renal Function by Intrarenal Angiotensin, April, 1987-March 31, 1992, $695,008, **Principal Investigator**.

15. NIH Grant P01-HL-19242-S1, Vascular Smooth Muscle Program Project, Richard A. Murphy, Principal Investigator; Subproject: Juxtaglomerular Cells and Regulation of Renin Release; January 1, 1988-December 31, 1989, $280,496; **Principal Investigator**.

16. NIH Grant #2T32-HL-07355, Research Training Grant in Hypertension, July 1, 1988-June 30, 1993, $945,063, **Co-Principal Investigator and Co-Director**.

17. NIH Grant #R01-HL-41899, Regulation of renin synthesis and release in the kidney, December, 1988-November, 1994, $493,768, **Co-investigator**.

18. NIH Grant P01-HL-19242, Vascular Smooth Muscle Program Project, Richard A. Murphy, Principal Investigator; Subproject: Juxtaglomerular Cells and Regulation of Renin Release; January 1, 1990-December 31, 1994, $1,082,495; **Principal Investigator**.

19. NIH Grant F05-TWO4547, Fogarty International Research Fellowship on behalf of Dr. Damian P. O'Connell, Physiology and pathophysiology of renal dopamine mechanisms; September 1, 1991-August 31,1993; $46,000; **Sponsor.**

20. NIH Grant #1-RO1-HL-49575, Paracrine mechanisms of renal dopamine and angiotensin II; July 1, 1993 - June 30, 1998, $1,353,000, **Principal Investigator**.

21. NIH Grant #2-T32-HL-07355, Training Grant in High Blood Pressure Research, July 1, 1994-June 30, 1999, $924,934, **Co-Investigator and Member, Executive Committee**.

22. NIH Grant #1-R01-HL-59948, AT_2 receptor mechanisms in angiotensin II-dependent hypertension; April 1, 1998-March 31, 2003, $1,079,873, **Principal Investigator**.

23. NIH Grant #1-R01-HL65659, AT_2 receptors in blood pressure and renal function, July 1, 2001-June 30, 2006, $1,000,000, **Principal Investigator**.

24. NIH Grant #1-PO1-HL-074940 Dopamine and angiotensin receptor interactions in genetic hypertension, Robin A. Felder, Principal Investigator; $11,266641. Project 2: D_1 and AT_1 receptor interaction in human hypertension: clinical mechanisms, Robert M. Carey, **Project Principal Investigator and Director**. April 1, 2004-March 31, 2009, $1,974,327

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24. NIH Grant #1-R01-HL-081891, Pressure-natriuresis mediated by extracellular cGMP. July 1, 2005- June 30, 2010, $2,257,431, **Principal Investigator**.

25. NIH Grant #1-T32-DK-07646, Research Training Grant in Neuroendocrinology, September 1, 2005-August 31, 2010, $1,000,000, **Principal Investigator and Director.**

26. NIH Grant #1-RO1-HL-087998, Natriuretic mechanisms of AT_2 receptors. July 1, 2009 – June 30, 2011, $ 886,951, **Principal Investigator**.

27. NIH Grant #1-PO1-HL-074940 Dopamine and angiotensin receptor interactions in genetic hypertension, Robin A. Felder, Principal Investigator; $10,777,479. Project 2: D_1 and AT_1 receptor interactions in human hypertension: clinical mechanisms, Robert M. Carey, **Project Principal Investigator and Director**. September 30, 2009-December 31, 2014, $2,028,270.

28. NIH Grant # 1-T32-DK-07646, Research Training Grant in Neuroendocrinology, September 1, 2010-August 31, 2015, $1,000,000, **Principal Investigator and Program Director.**

29. NIH Grant # 1-RO1-HL-095796 Renal AT_2 receptors in hypertension, April 1, 2010 – March 31, 2014, $ 1,844,696, **Principal Investigator**.

30. NIH Grant # P01-HL-074940, Robin A. Felder, Principal Investigator, June 1, 2016 – May 31, 2021. $12,945,665. Molecular mechanisms in salt sensitivity of blood pressure Project 2: "Renal sodium-bicarbonate co-transporter (SLC4A5) activity in human subjects with salt-sensitivity of blood pressure: intrarenal mechanisms and role in blood pressure regulation. $2,058,485. **Project Principal Investigator and Director**.

31. NIH Grant # 1-RO1-HL-128189; Renal AT_2 receptors in hypertension; April 1, 2016 - March 31, 2020, $ 2,280,852. **Principal Investigator**.

Major Institutional Grants:

1. Robert Wood Johnson Foundation, Virginia Generalist Medicine Initiative; 1994 - 2000; $4,000,000; **Principal Investigator**.

2. Markey Charitable Trust, Center for Cell Signaling; 1990 – 2002; $6,100,000; **Principal Investigator.**

3. The Whitaker Foundation, Special Development Award in Biomedical Engineering; 1998-2002, $10,500,000; **Co-Principal Investigator**.

Post-doctoral Research Trainees:

Name	Dates	Funding Source	Present Position
Yee Szemen, MBBS, MRCP	2017-18	Government of Singapore	Associate Consultant, National University of Singapore
Christina Gherghe, MD, PhD	2010-12	NIH T32 Grant	Practice- endocrinology
Nilberto Nascimento, Ph.D	2009-10	NIH R01 Grant	Professor of Pharmacology and Therapeutics Director, Biomedical Institute, State University of Ceara Fortaleza, Brazil
David C. Lieb, M.D	2007-09	NIH T32 Grant NIH NRSA Grant	Associate Professor of Medicine and Program Director, Division of Endocrinology, Eastern Virginia School of Medicine, Norfolk, VA
Shetal H. Padia, MD	2004-07	NIH T32 Grant AHA Fellow-to-Faculty Award NIH K Award	Assistant Professor of Medicine, Division of Endocrinology and Metabolism, University of Virginia
Brandi Salomone, MD	2004-06	NIH T32 Grant	Assistant Clinical Professor of

			Medicine, University of Florida
Cynthia Schoeffel, MD	2004-14	NIH P01 Grant	Clinical Research Associate, University of Virginia, retired
Yoshihiko Oishi, MD	2004-06	NIH R01 Grant	Assistant Professor of Medicine Hiroshima University Hiroshima, Japan
Shota Sasaki, MD	2001-03	NIH R01 Grant	Assistant Professor of Medicine HiroshimaUniversity Hiroshima, Japan
Lesley J. Millatt, PhD	1998-99	NIH R01 Grant	Department of Pharmacology, Genfit SA, Loos, France
John Phipps, MD	1997-98	Medical Center	Practice-endocrinology
Xiao-Hong Jin, MD, PhD	1996-2003	NIH R01 Grant	Practice-medicine
Crystal A. Gadegbeku, MD	1995-97	NIH T32 Grant	Professor of Medicine Chief of the Division of Nephrology, Hypertension and Kidney Transplantation, Temple University Philadelphia, PA
Zhi-Qin Wang, MD	1994-2000	NIH R01 Grant	Practice-pathology
Ryoji Ozono, MD	1994-96	NIH R01 Grant	Associate Professor of Medicine Hiroshima University Hiroshima, Japan
Fang Fan, PhD, MD	1994-95	NIH T32 Grant	Practice-medicine
Michael McGarrity, MD	1991-94	NIH T32 Grant	Practice-endocrinology
Damian P. O'Connell, MD, PhD	1990-93	NIH International Fogarty Grant	Senior Vice President and Head, Global Clinical Sciences, Bayer Corporation, Berlin, Germany
Cinzia Pupilli, MD	1989-91	Italian Government Fellowship	Director of Endocrinology, University of Careggi, Florence, Italy
Princess V. Dougan, MD	1988-90	Smith, Kline and French Laboratories	Clinical Trials Coordinator, Orange County, CA
Paul Stewart, MB, ChB	1987-88	Welcome Trust of Great Britain	Dean of Medicine and Health Professor of Medicine Consultant Endocrinologist University of Leeds Leeds, United Kingdom
Marie Lynd, MD	1987-88	NIH T32 Grant	Clinical Associate Professor of Pediatrics, University of Rochester, Rochester, NY
Michael Solenberger,	1986-87	NIH T32 Grant	Clinical Professor of Medicine

MD			Wake Forest University Winston-Salem, NC
Ian B. Puddey, MD	1986-88	Medical Research Council of Australia	Professor and Chair, Department of Medicine, University of Western Australia, Perth, Australia
Joseph M. Hughes, MD	1984-87	NIH T32 Grant	Head, Division of Endocrinology, The Mary Imogene Bassett Hospital, Cooperstown, NY Professor of Medicine, Columbia University
Helmy M. Siragy, MD	1985-86	NIH T32 Grant	Harrison Distinguished Teaching Professor of Medicine, University of Virginia
Michael E. May, MD, PhD	1983-86	NIH T32 Grant	Associate Professor of Medicine, Vanderbilt University, Nashville, TN
Carl D. Malchoff, MD, PhD	1982-85	NIH T32 Grant	Professor of Medicine, University of Connecticut, Farmington, CT
Gabriel M. Dickstein, MD	1983-84	Israeli Fellowship	Professor of Endocrinology University of Haifa Haifa, Israel
Lawrence M. Dolan, MD	1980-83	NIH T32 Grant	Professor of Pediatrics; Director,, Pediatric Endocrinology, University of Cincinnati Cincinnati, OH
Charles R. Drake, MD	1981-83	NIH T32 Grant	Practice-endocrinology
Fred A. Williams, MD	1981-83	Medical Center	Clinical Professor of Medicine University of Louisville Louisville, KY
Thomas A. Wilson, MD	1979-82	NIH T32 Grant	Professor of Pediatrics State University of New York Stoney Brook, NY
Nigel R. Levens, PhD	1978-81	NIH R01 Grant	Vice President, Research and Preclinical Development, Bellus Health; Vice President, Research and Chief Scientific Officer, Innodia; Independent Pharmaceuticals Consultant, Montreal, Quebec, Canada
Steven Herf, MD	1976-78	Medical Center	Practice-endocrinology
Richard E. Katholi, MD	1975-76	NIH T32 Grant	Professor of Medicine University of Southern Illinois Springfield, IL
Houston M.	1976-77	Medical Center	Practice-urology

Kimbrough, Jr. MD			
Edwin Swart, MD	1975-77	Medical Center	Practice-endocrinology
William Jennings, MD	1973-75	Medical Center	Clinical Professor of Medicine Marshall University Huntington, WV

Dissertation Committee for Ph.D. Degree:

Seth Dupuy	Pharmacology	University of Virginia
Lisa Duke	Pharmacology and Physiology	Monash University, Melbourne, Australia

Medical Residents Mentored in Research:

Farah Ahmed Morgan, M.D.	Chief Resident in Medicine, UVA (2007-08) Fellow in Endocrinology and Metabolism, UVA (2008-2011); practice of endocrinology
Jennifer Park, M.D.	Resident in Medicine, UVA (2005-2008) Fellow in Endocrinology, University of California San Francisco (2008-2011); medical faculty, UCSF (2011-2013)
Danielle Rottkamp, M.D.	Resident in Medicine, UVA (2006-2009) Chief Resident in Medicine (2009-2010) Fellow in Endocrinology, University of California San Francisco (2010 – 2013)
John Bell, M.D.	Resident in Medicine, UVA (2008-2010) Hospitalist Program, UVA (2010-2012) Asst Prof of Medicine, University of California San Diego (2012-2014)
Samim Enayat, M.D.	Resident in Medicine, UVA (2010-2011) Fellow in Endocrinology, New York – Presbyterian Hospital, New York City (2011-2014).

Undergraduate Students Mentored in Research:

Allan F. Moore	UVA Jefferson and Echols Scholar (1995-99) Harry S. Truman Scholar MD, Vanderbilt University School of Medicine, 2003 (Canby Robinson Scholar); Resident in Medicine,

	Massachusetts General Hospital (2003-06) Fellow in Endocrinology, Mass Gen Hospital and University of Pennsylvania (2006-08)
Nicholas T. Heiderstadt	UVA (1997-2000)
Esther Huang	UVA Jefferson and Echols Scholar (1998-2002) Harrison Undergraduate Research Award Jack Kent Cooke Graduate Fellowship Matriculated at Harvard Medical School
Mary Boukarakis	UVA (2000-04)
Brandon A. Kemp	UVA (2003-06) Laboratory Specialist, UVA Division of Endocrinology (2007-present)
Peter Meliagros	UVA (2004-06)
Jacek Slowikowski	UVA (2006-07)

University of Virginia Administrative and Committee Assignments:

1973-86: Clinical Research Center Advisory Committee

1974-76: Staige-Blackford Lectureship Committee, Department of Internal Medicine, Chair, 1976

1975-77: Council on Medical Education, School of Medicine; Executive Committee

1977-79: Director, First Year Residency Selection Committee, Department of Internal Medicine

1978: Search Committee for Chair, Department of Psychiatry

1977-79: Medical Policy Committee

1980-82: Chair, Search Committee for Head, Division of Gastroenterology

1981-83: University of Virginia Faculty Forum for Scientific Research

1981: Chair, Charles Culpeper Foundation Visiting Professorship Award Committee

1982: Chair, Search Committee for Clinical Director, NIH Diabetes Research and Training Center

1982-86: Medical Student Appeals Board School of Medicine

1982-86: Committee on Fringe Benefits, Health Services Foundation

1982-84: Chair, Task Force on Research, Program and Planning

1982-84: Committee for University Replacement Hospital

1983: Nominating Committee, Clinical Staff

1986: Co-Chair, School of Medicine Faculty Research Retreat (Appointed by Dean Knorr)

1986-2002: Chair, Executive Committee, School of Medicine

1986-2002: Chair, Medical Advisory Committee, School of Medicine

1986-2002: Chair Salem VA Dean's Committee

1986-2002: Health Services Foundation Finance Committee

1986-2002: Chair, School of Medicine General Faculty

1986-2002: Academic Deans, University of Virginia

1986-2002: Principal Investigator, General Clinical Research Center

1986-90: Vice Chair, Medical Policy Committee

1986-91: University of Virginia Hospital Advisory Board

1986-98: University of Virginia Research Policy Advisory Committee

1986-2001: Co-Chair, Institute for Law, Psychiatry and Public Policy

1992-94: Principal Investigator, Basic Science Cancer Center

1986-96: Chair, Advisory Committee, Center for Prevention of Disease and Injury

1988-98: Health Sciences Council

1988-98: Chair, Advisory Board, Center for Biomedical Ethics

1988-2002: Chair, Advisory Committee, Center for Study of the Mind and Human Interaction

1989-2002: Chair, General Clinical Research Center Advisory Committee

1989-90: Search Committee for Vice President for Development and Community Relations, University of Virginia

1989-90: Selection Advisory Panel for Executive Director, University of Virginia Medical Center

1990-94: Principal Investigator, Markey Center for the Study of Molecular Mechanisms of Cell Signaling

1989-90: Chair, Task Force on Evaluation and Documentation of Clinical Excellence

1990: Ambulatory Care Task Force

1991-94: Ambulatory Services Board

1991-96: Strategic Planning Committee, Health Sciences Center

1991: Advisory Committee for Search for Vice President and Provost, University of Virginia

1992-98: University Development Council, University of Virginia

1992 - 94: Building Committee, Ambulatory Care Facility

1993-97: Clinical Practice Board

1994-96: Chair, Academic Strategic Planning Subcommittee, Health Sciences Center

1994-96: Strategic Planning Committee, Health Sciences Center

1996-97: Executive Committee, Health Sciences Center

1997-2002: Health Sciences Senior Staff

1998-2002: Executive Committee, University of Virginia Health System

1997-2002: Vice President's Council, Health Sciences Center

1998-2001: Member, Nominating Committee, Vice President and Provost for Health Sciences Lifetime Achievement Award Committee

1998-2002: M.D./Ph.D. Program Executive Committee (ex officio)

1998-2000: Chair, School of Medicine Strategic Planning Steering Committee

2000; 2003: Jefferson Scholars Selection Committee

2000: Task Force on Quality Issues, Health System

2000: Chair, Health System Patient Appreciation Committee

2005-pres: Data and Safety Monitoring Board, Human Islet Cell Transplantation Program

2007: Search Committee for Chief of Cardiology, Department of Medicine

2009-2010: Department of Medicine Task Force on the Financial Development Plan

2010-pres: Dean's Advisory Committee on Clinical Research

2011: Chair, Five Year Review Committee for the Director, Center for Public Health Genomics

2014: Member, Search Committee for Chief of Clinical Pathology

2014: Member, Strategic Planning Subcommittee for Institutional Reputation

2014: Member, School of Medicine Endowed Chairs Task Force

2014-2016: Member, School of Medicine Reputation Task Force

2015-2018: Chair, School of Medicine Prestigious Awards Committee

Board of Directors Membership:

1986-2002: University of Virginia Health Services Foundation Executive Committee and Board of Directors

1986-2002: Board of Directors and Vice-President, Virginia Ambulatory Surgery, Inc.

1986-2002: Board of Directors, Virginia Kidney Stone Foundation, Inc.

1986-93: Board of Directors, The Harrison Foundation, Inc., University of Virginia

1986-88: Board of Directors, The Dyslexia Center, Charlottesville, VA

1986-2002: Chair, Board of Directors, Center for Study of the Mind and Human Interaction, University of Virginia

1993-2002: Medical School Foundation Board of Trustees, University of Virginia

1996-2000: Advisory Board, Strickler Transplantation Center, University of Virginia

1998-2002: Advisory Board, Center for Governmental Studies, University of Virginia

1997-2003: Board of Trustees, The Hormone Foundation

2000-2004: Board of Directors, Ivy Charitable Foundation

2002-2006: Advisory Board, Quadrant Venture Capital, Inc., Atlanta, GA

2002-2008 Chair, Advisory Board, "Musicians Inspire Health" Initiative, Inc.

2005-2010: Dean's Advisory Board, University of Kentucky College of Medicine (Founding Member)

2008-present: Board of Trustees, University of Virginia Medical School Foundation

2012-2013: Board of Directors, American Heart Association (National)

2013-present: Board of Directors, Consortium for Southeastern Hypertension Control

2013-present: Board of Directors, Virginia Academy of Sciences, Engineering and Medicine

Other External Administrative and Committee Assignments:

1981-82: Working Group for the Definition of Normal and High Blood Pressure, National High Blood Pressure Education Program Coordinating Committee, National Institutes of Health

1983: Subcommittee on Definition and Prevalence of High Blood Pressure, Joint National Committee on Detection, Evaluation and Treatment of High Blood Pressure, National Heart, Lung and Blood Institute

1983-84: Consultant, Joint National Committee on Detection, Evaluation and Treatment of High Blood Pressure

1986: Chair, Review Group for Abstracts on Hypertension, AAP/ASCI/AFCR Annual Meeting

1987: Program Committee, American College of Physicians Regional Meeting

1**992-95:** American Heart Association Group on Vascular Biology

1994: Founding Member, Consortium of Southeast Hypertension Centers

1994: International Council on the Role of Aldosterone in Cardiovascular Disease

2001-02: External Review Committee, Pathobiology of Vascular Disease Training Grant, Wake Forest University School of Medicine

2003: Representative, Community of Stakeholders, Chronic Kidney Disease, American Society of Nephrology, National Kidney Foundation and Renal Physicians Association

2009-10: Harvard Medical School *Ad Hoc* Committee for Evaluation of Ellen W. Seely MD for Promotion

2017: Virginia Research Investment Fund Peer Review Panel

2017: Chair, External Advisory Board, NIH Program Project 2P01-HL-051952-23; Wake Forest University School of Medicine

Visiting Professor:

1979
Division of Nephrology, Department of Medicine, University of Miami, Miami, Florida (Dr. Murray Epstein)

1980
Pfizer Traveling Fellow, Clinical Research Institute of Montreal, Montreal, Quebec, Canada (Dr. Otto Kuchel)

1981
Hospital das Clinicas da Universidade, Federal do Ceara, Forteleza, Brazil (Dr. Nogiera Paes)

Hypertension Division, Mt. Sinai School of Medicine, New York, New York (Dr. Lawrence Krakoff)

Division of Pediatric Endocrinology, The New York Hospital/Cornell Medical Center, New York, New York (Dr. Maria New)

1982
Department of Endocrinology, St. Vincent's Hospital, University College, Dublin Ireland (Dr. T. Joseph McKenna)

1983
Division of Nephrology, Department of Medicine, University of Miami, Miami, Florida (Dr. Murray Epstein)

1984
Division of Endocrinology and Metabolism, and the Department of Medicine, Medical College of Virginia, Richmond, Virginia (Drs. Gordon Weir and Harold Fallon)

Honorary Visiting Professor, Departments of Physiology and Endocrinology, Mayo Graduate School of Medicine, Rochester, Minnesota (Drs. J. Carlos Romero and Robert C. Northcutt)

Division of Research, Cleveland Clinic Foundation, Cleveland, Ohio (Drs. F.M. Bumpus and Subha Sen)

Genentech, Inc., San Francisco, California (Dr. Ann Johanson)

Division of Endocrinology, University of Kentucky, Lexington, Kentucky (Dr. Theodore Kotchen)

Division of Nephrology, Department of Medicine, University of Miami, Miami, Florida (Dr. Murray Epstein)

1985
Division of Endocrinology and Metabolism, Departments of Medicine and Pediatrics, University of North Carolina School of Medicine, Chapel Hill, North Carolina (Dr. T. Kenneth Gray)

National Institutes of Health, Bethesda, Maryland (Dr. Kevin Catt)

1987
Department of Medicine, Harvard Medical School (Brigham and Women's Hospital), Boston, Massachusetts (Dr. Gordon Williams)

Bley Stein Visiting Professor in Endocrinology, University of Southern California, Los Angeles, California (Dr. Richard Horton)

1988
Pfizer Visiting Professor of Pharmacology, University of Chicago, Chicago, Illinois (Dr. Leon I. Goldberg)

Smith, Kline and French Laboratories, Philadelphia, Pennsylvania (Dr. Randall T. Curnow)

Abbott Laboratories, Chicago, Illinois (Dr. Ferid Murad)

Fuller-Sherman Visiting Professor, Department of Medicine, Jefferson Medical College, Philadelphia, Pennsylvania (Dr. Willis S. Maddrey)

1989
National Institutes of Health, Endocrinology Branch (Dr. Gerald Auerbach)

1990
Division of Hypertension and Endocrinology, Case Western Reserve University School of Medicine, Cleveland, Ohio, (Dr. Janice Douglas)

Research Division, Cleveland Clinic Foundation, Cleveland, Ohio (Dr. Carlos Ferrario)
Department of Pharmacology University of Pennsylvania (Dr. Perry Molinoff)

1993
Research Division, Ochsner Clinic Foundation, New Orleans, Louisiana (Dr. Edward D. Frohlich)

1996
Department of Medicine, University College Cork, Ireland (Dr. Michael Murphy)

Department of Medicine, University of Miami (Dr. Murray Epstein)

Department of Medicine, University of Tennessee College of Medicine, Memphis (Dr. Jay Sullivan)

1998
Karolinska Institute, Stockholm, Sweden (Dr. Anita Aperia)

1999
Nephrology Division, Georgetown University (Dr. Chris Wilcox)

New Jersey Medical School , Newark (Dr. Abraham Aviv)

Harvard Medical School, Boston (Dr. Gordon H. Williams).

Wake Forest University School of Medicine, Winston-Salem (Dr. Carlos Ferrario)

2001
Tulane University (Dr. Gabriel Navar)

Medical College of Wisconsin, Milwaukee (Dr. Allen W. Cowley)

Leonard Share Distinguished Visiting Professor, University of Tennessee College of Medicine, Memphis (Dr. Hiroko Nishimura)

2002
New York University Medical College (Dr. Jerome Lowenstein)

National Institutes of Health (Dr. Kevin Catt)

2003
Wake Forest University School of Medicine (Dr. Carlos Ferrario)

University of Houston (Dr. Mustafa Lokhandwala)
New York Medical College (Dr. John C. McGiff)

University of Mississippi (Dr. Joey Granger)

University of Tokyo (Dr. Toshihiro Fujita)

University of Hiroshima (Dr. Ryoji Ozono)

2004
University of Connecticut (Dr. Carl Malchoff)

2005
Texas A & M College of Medicine, Frank and Sheila Thompson Visiting Professor (Dr. Don DiPette)

Vanderbilt University School of Medicine (Dr. Nancy J. Brown)

2006
Pfizer Global Research and Development (Dr. Brian R. Bond)

Hiroshima University School of Medicine (Dr. Ryoji Ozono)

Emory A. Wilson Dean's Distinguished Lecture, University of Kentucky (Dr. Alan Daugherty)

Hypertension Center, University of Texas Southwestern School of Medicine (Dr. Ronald Victor)

2008
Hypertension Center, University of Florida (Dr. Mohan Raisada)

Center for Functional Genomics in Hypertension, University of Iowa (Dr. Curt Sigmund)

National Institutes of Health (Dr. Kevin Catt)

University of Louisville School of Medicine, Beverly Towery Lectureship (Dr. Stephen J. Winters)

2009
McGill University, Montreal (Dr. Ernesto Schiffrin)

2010
Mt. Sinai School of Medicine (Dr. Elliott Rayfield)

Eastern Virginia Medical School (Dr. Jerry Nadler)

2012
Massachusetts General Hospital, Harvard Medical School (Dr. Jose Florez)

Indiana University School of Medicine (Dr. J. Howard Pratt)

2014
University of Michigan (Dr. William Rainey)

2017
Medical University of South Carolina (Dr. Dan Lackland)

Hiroshima University (Dr. Ryoji Ozono)

2018
Vanderbilt University (Dr. Al Powers)

University of Mississippi (Dr. Jia L. Zhuo)

Tulane University (Dr. L. Gabriel Navar)

University of Alabama Birmingham (Dr. Suzanne Oparil)

Scientific Meetings Organized:

1988: 3rd International Meeting on the Peripheral Actions of Dopamine, Charlottesville, VA (Robert M. Carey and Robin A. Felder, co-organizers)

1990: Dopamine and Hypertension, a Satellite Symposium of the International Society of Hypertension, Montreal, Quebec, Robert M. Carey, Chair.

1992: United States Organizing Committee for the Pan Arab Conference on Hypertension, National Heart, Lung and Blood Institute

1996: Section Chair, Novel Catecholaminergic Systems, 8th International Catecholamine Symposium, CA.

1998: Organizing Committee and Section Chair, 7th International Conference on Peripheral Dopamine, Dublin, Ireland

2002: 115th Meeting of the American Clinical and Climatological Association, Williamsburg, VA

2003: 57th Annual Fall Conference of the Council for High Blood Pressure Research, American Heart Association, Washington, D.C.

2004: 58th Annual Fall Conference of the Council for High Blood Pressure Research, American Heart Association, Chicago, IL.

Pharmaceutical Consultant:

1991-94: E.M. Industries, Inc., Hawthorne, New York

1996-2000: Neurex, Inc., Menlo Park, CA., Member, Scientific Advisory Board

1996-2000: CIBA-Geigy, Inc., Basel, Switzerland, Member, Scientific Advisory Board

1999-2002: Pfizer Inc., Educational Advisor, Mini-Med School Program

1999-2001: Bristol-Meyers Squibb, Inc. (omipatrilat)

2004: Concurrent Pharmaceuticals, Philadelphia, PA

Takeda North American, Chicago, IL

2004-08: Venture Partner, Quadrant Venture Capital, Atlanta, GA

2006-09: Novartis, Inc., Direct Renin Inhibition Expert Research Council

Pfizer, Inc., Visiting Lecturer, St. Louis

Takeda Pharmaceuticals North America, Cardiovascular Portfolio Review Advisory Board

Novartis, Inc., Diabetes Cardiology Advisory Board

Daiichi Sankyo, Inc Medical Advisory Board

Patent Disclosures:

1992: A rapid method for the amplification and preparation of specific messenger RNA for expression in Xenopus oocytes (with Durieux, O'Connell and Lynch)

In situ hybridization and detection of RNA (with O'Connell, Durieux and Lynch)

1999: Angiotensin AT_1 receptor blockade in Clostridium difficile enteritis (with Guerrant, Jin and Alcantara)

2000: Angiotensin AT_2 and bradykinin B_2 receptor heterodimer formation (with Siragy)

2012: Compositions and methods for identifying and diagnosing salt-sensitivity of blood pressure (with Felder, Jones, Jose, and Williams)

Patents:

2017: U. S. Patent # 9,708,664 issued 18 July 2017: Compositions and methods for identifying and diagnosing salt-sensitivity of blood pressure (with. Felder, Jones, Jose, and Williams)

Visiting Consultant:

1985: University of Kentucky Clinical Research Center, Lexington (Theodore Kotchen)

1994: Oregon Health Sciences University Department of Medicine, Practice Plan Consultant (D.Lynn Loriaux)

2002: Chair, Review Committee for the Department of Medicine, Pennsylvania State University

2004: External Advisory Board, Center for Biomedical Research Excellence, University of Mississippi Medical Center, Jackson, MS

2005-10: Dean's Council, University of Kentucky College of Medicine

2008: Cardiovascular Research Program, College of Medicine, Texas A & M Health Science Center, College Station, TX

Congressional Testimony:

1998: U.S. House of Representatives, Committee on Appropriations, Subcommittee on Labor, Health and Human Services, Education and Related Agencies on behalf of the Association of American Universities, the National Association of State Universities and Land Grant Colleges and the American Council on Higher Education.

U.S. House of Representatives Committee on Appropriations; Subcommittee on Labor, Health and Human Services, Education and Related Agencies, on behalf of the University of Virginia.

Marquis Who's Who Listing: Albert Nelson Lifetime Achievement Award

Pub Med listed articles (March, 2018): 349

Citation Indices (Google Scholar):
(March, 2018)
H-Index: 81; i10 Index 271
Number of times cited: 24,782
Number of papers cited 100 times or more: 63

BIBLIOGRAPHY

I. ORIGINAL PEER-REVIEWED SCIENTIFIC PUBLICATIONS

1. Schweikert JR, **Carey RM**, Liddle, GW, Island DP. Evidence that the renal pressor substance of Grollman is related to angiotensin I. *Circulation Research.* 1972;30 & 31 (Suppl. II): II-132-II-142.

2. **Carey RM**, Douglas JG, Schweikert JR, Liddle GW. The syndrome of essential hypertension and suppressed plasma renin activity: normalization of blood pressure. *Archives of Internal Medicine.* 1972;130:849-854 **(215 citations**).

3. **Carey RM**, Kimball AC, Armstrong D, Leiberman PH. Toxoplasmosis: Clinical experience in a cancer hospital. *American Journal of Medicine.* 1973;54:30-38.

4. **Carey RM**, Coleman, M, Feder, A. Pericardial tamponade: A major presenting manifestation of hydralazine-induced lupus syndrome. *American Journal of Medicine.* 1973;54:84-87.

5. **Carey RM**, Hartman W, Orth DN. Malignant melanoma with ectopic production of ACTH: palliative treatment with adrenal inhibitors. *Journal of Clinical Endocrinology and Metabolism.* 1973;36:482-487.

6. Liddle GW, **Carey RM,** Douglas JG. Role of the adrenal cortex in hypertension. *Southern Medical Journal.* 1973;66:51-54.

7. Lennane, R.J., Peart, W.S., **Carey RM,** Shaw J. Differential natriuresis following oral and intravenous sodium loading: evidence for a sodium input monitor in sodium-deplete rabbits, C*linical Science and Molecular Medicine.* 1975; 49: 433-436.

8. Curnow RT, **Carey RM**, Taylor A, Johanson A, Murad F. Somatostatin inhibition of insulin secretion in islet-cell carcinoma. *New England Journal of Medicine.* 1975;292:1385-1386.

9. Lennane RJ, **Carey RM**, Goodwin TJ, Peart WS. Evidence for a gastrointestinal role in the regulation of sodium excretion in man. *Clinical Science and Molecular Medicine*. 1975;49: 437-440,.

10. **Carey RM**, Reid RA, Ayers CR, Lynch SS, McLain WL, Vaughan ED Jr. The Charlottesville Blood Pressure Survey: value of repeated blood pressure measurements. *Journal of the American Medical Association.* 1976;237:847-851.

11. **Carey RM**, Smith JR, Ortt EM. Gastrointestinal regulation of renal sodium excretion in sodium-deplete conscious rabbits. *American Journal of Physiology.* 1976; 230:1504-1508.

12. Reid RA, **Carey RM**, Ayers CR, Lynch SS, McLain WL, Vaughan ED Jr. The Charlottesville Blood Pressure Survey: the role of the physician in hypertension case findings. *Medical Care.* 1977; 15:324-330.

13. Kimbrough HM, Vaughan ED Jr, **Carey RM,** Ayers CR. Effect of intrarenal angiotensin II on renal function in conscious dogs. *Circulation Research.* 1977;40:174-178.

14. **Carey RM**, Johanson A, Seif SM. The effects of ovine prolactin on water and electrolyte excretion in man are attributable to vasopressin contamination. *Journal of Clinical Endocrinology and Metabolism. 1977;*44:850-858.

15. Katholi RE, **Carey RM**, Ayers CR, Vaughan ED Jr. Production of sustained hypertension by chronic intrarenal norepinephrine infusion in conscious dogs. *Circulation Research.* 1977;35: (Suppl. I);I-118-I-126.

16. Ayers CR, Katholi RE, Vaughan ED Jr, **Carey RM.** Kimbrough, H.M., Yancey, M.R., Morton, C.L., Mechanism of chronic renal arteriolar vasoconstriction and negative renin feedback in chronic one-kidney dog Goldblatt hypertension. *Circulation Research.* 1977;40:238-242.

17. Tegtmeyer CJ, Latour EA, Vaughan ED Jr., Ayers CR, **Carey RM,** Wellons HA Jr. Identification of renovascular hypertension: renin determinations and saralasin infusion. *Investigative Radiology.* . 1977;12:496-504.

18. **Carey RM,** Vaughan ED Jr, Ackerly JA, Peach MJ, Ayers CR. The immediate pressor effect of Sar^1, Ala^8 Angiotensin II in man. *Journal of Clinical Endocrinology and Metabolism.* 1978*;* 46:

36-43.

19. Vaughan ED Jr, **Carey RM**, Peach MJ, Ackerly JA, Ayers CR. The renin response to diuretic therapy: A limitation of antihypertensive potential. *Circulation Research. 1978;* 42: 376-381.

20. **Carey RM**. Evidence for a splanchnic sodium input monitor regulating renal sodium excretion in man: lack of dependence upon aldosterone. *Circulation Research.* 1978;43: 19-23.

21. **Carey RM**, Vaughan ED Jr, Peach MJ, Ayers CR. Activity of (des-aspartyl[1])-angiotensin II and angiotensin II in man: differences in blood pressure and adrenocortical responses during normal and low sodium intake. *Journal of Clinical Investigation*. 1978;61:20-31.

22. **Carey RM**, Peach MJ, Vaughan ED Jr, Ayers CR. Responses to angiotensin II and (des-aspartyl[1])-angiotensin II in man: are there different receptors? *Circulation Research.* 1978;43 (Suppl. I):I-63-I69.

23. Williamson BRJ, **Carey RM**, Innes DJ, Teates CD, Bray ST, Lees RF, Sturgill BC. Poorly differentiated lymphocytic lymphoma with ectopic parathormone production: visualization of metastatic calcification by bone scan. *Clinical Nuclear Medicine.* 1978;3:382-384.

24. Oberfield SE, Levine LS, **Carey RM**, Bejar R, New MI. Pseudoaldosteronism: absence of aldosterone receptor responsiveness involving multiple target organs. *Journal of Clinical Endocrinology and Metabolism.* 1979;48:228-234.

25. **Carey RM**, Ayers CR, Vaughan ED Jr, Peach MJ, Herf S. Activity of (des-aspartyl[1])-angiotensin II in primary aldosteronism. *Journal of Clinical Investigation.* 1979;63:718-726.

26. Vaughan ED Jr, **Carey RM**, Ayers CR, Peach MJ, Tegtmeyer CJ, Wellons HA. A physiologic definition of blood pressure response to renal revascularization in patients with renovascular hypertension. *Kidney International.* 1979;15 (Suppl.) 83-92.

27. **Carey RM**, Thorner MO, Ortt EM. Effects of metoclopramide and bromocriptine on the renin-angiotensin system in man: dopaminergic control of aldosterone. *Journal of Clinical Investigation.* 1979;63:727-735 (**275 citations**).

28. Vaughan ED Jr, **Carey RM,** Ayers CR. Hemodialysis-resistant hypertension: control with an orally active inhibitor of angiotensin converting enzyme. *Journal of Clinical Endocrinology and Metabolism.* 1979;48:869-871.

29. **Carey RM**, Dacey RG, Jane JA, Wills MR, Ayers CR, Tyson GW. Production of sustained hypertension by lesions of the nucleus tractus solitarii of the American foxhound. *Hypertension.* 1979;1:246-254.

30. Hodge RH, Lynch SS, Davison J, Knight JG, **Carey RM.** Estimating compliance with diuretic therapy: urinary hydrochlorothiazide-creatinine ratios in normal subjects. *Hypertension*. 1979;1: 537-542.

31. Herf S, Teates DC, Tegtmeyer CJ, Vaughan ED Jr, Ayers CR, **Carey RM.** Evaluation and differentiation of surgically correctable hypertension due to primary aldosteronism. *American Journal of Medicine.* 1979;67: 397-402.

32. Laugen RH, Hess CE, Wills MR, **Carey RM.** Hypercalcemia associated with chronic lymphocytic leukemia. *Archives of Internal Medicine.* 1979;139:1307-1309.

33. Hall JE, Mills SE, **Carey RM.** Effects of rat adrenal extract on induction of atherosclerosis in cholesterol-fed rabbits. *Atherosclerosis.* 1979;35:87-92.

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X. INVITED/ STATE -OF-THE ART LECTURES

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56. **Carey RM.** Intrarenal angiotensin II and AT_2 receptors. Role of Intrarenal Angiotensin II in the Pathophysiology of Hypertension. Satellite Symposium of the International Society of Hypertension, Chicago, 2000.

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58. **Carey RM**. Peripheral dopamine in the regulation of blood pressure and renal function. The Theodore Cooper Lecture, Hypertension, New Orleans, 2001.

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60. **Carey RM**. State-of-the-Art Lecture: The angiotensin AT_2 receptor. Inter-American Society of Hypertension, San Antonio, 2003.

61. **Carey RM**. Symposium Lecture: The angiotensin AT_2 receptor. Annual Meeting of Endocrine Society, Philadelphia, 2003.

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63. **Carey RM**. Keynote address: The AT_2 receptor. Special Cardiovascular Conference, University of Tokyo, Japan, 2003.

64. **Carey RM**. Hormonal control of pressure-natriuresis. University of Hiroshima, Hiroshima, Japan, 2003.

65. **Carey, RM**. Treatment of hypertension: blockade of the renin-angiotensin system. Yokohama, Japan, 2003.

66. **Carey RM**. The AT_2 receptor. Presentation celebrating the 10^{th} anniversary of the Hypertension Center at Wake Forest University School of Medicine, 2003.

67. **Carey RM**. The renin-angiotensin-aldosterone system and glucose metabolism. First International Meeting on Endocrine Hypertension. Ancona, Italy, 2004.

68. **Carey RM**. The angiotensin AT_2 receptor in cardiovascular and renal function. Vth International Symposium on Vasoactive Peptides, Ouro Preto, Brazil, 2004.

69. **Carey RM**. Role of the AT_2 receptor in control of renal function. 2004 FASEB Summer Research Conference: Renal Microcirculatory and Tubule Dynamics: Molecules to Man, Callaway Gardens, GA, 2004.

70. **Carey RM**. The renin-angiotensin system. Takeda Pharmaceuticals North America, Inc. Diabetes and Endocrinology Advisory Board, Chicago, 2004.

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73. **Carey RM**. Frank and Sheila Thompson Lecture, Texas A&M College of Medicine, Temple, TX, 2005.

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75. **Carey RM**. The renin-angiotensin system in the pathophysiology of hypertension. Hypertension Summer School, Council for High Blood Pressure Research, Castine, MA, July, 2005.

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78. **Carey RM.** Emerging role of the angiotensin AT_2 receptor in cardiovascular and renal function. Frontiers in Heart Failure Research Distinguished Lectureship, Ottawa Heart Institute, Ottawa, Ontario, Canada, 2006.

79. **Carey RM**. Novel cardiovascular and renal actions mediated by the angiotensin AT_2 receptor. Plenary Lecture, Frontiers in Cardiovascular Medicine International Symposium, Melbourne, Australia, 2005.

80. **Carey RM**. Update on the AT2 receptor in cardiovascular and renal function. GlaxoSmithKline, Inc., Philadelphia, 2005. International Teleconference with Dr. Bernard Levy, Paris, France.

81. **Carey RM**. Academia: promotion and the need to publish. Clinical Investigators Workshop for Trainees, The Endocrine Society, Boston, 2005 and 2006.

82. **Carey RM**. Emerging role of the AT2 receptor in cardiovascular and renal function. Plenary Lecture, International Symposium on the Kidney and Hypertension, Sendai, Japan, 2006.

83. **Carey RM**. The role of AT2 receptors in cardiovascular and renal function. Hiroshima University, School of Medicine, Hiroshima, Japan, 2006

84. **Carey RM.** AT2 receptors in cardiovascular function. Emory Wilson Dean's Distinguished Lecture, University of Kentucky, College of Medicine, Lexington, KY., 2007.

85. **Carey, RM.** Renin-angiotensin system in 2007. University of Texas Southwestern Medical Center, Dallas, TX, 2007.

86. **Carey RM.** New clinical considerations in renin-angiotensin system blockade. Symposium Lecture at the 89th Annual Meeting of The Endocrine Society, Toronto, Ontario, Canada, 2007.

87. **Carey RM.** Renin-angiotensin system and cardiovascular protection. Daiichi-Sankyo Satellite Symposium, Japanese Endocrine Society, Tokyo, Japan, 2007.

88. **Carey RM.** Angiotensins II and III in cardiovascular and renal function: relative role of AT1 and AT2 receptors. Special Plenary Lecture, 80th Annual Congress of the Japan Endocrine Society, Tokyo, Japan, 2007.

89. **Carey RM.** Medical and surgical treatment of primary aldosteronism. Primary Aldosteronism Clinical Guidelines Conference, Venice, Italy, 2007.

90. **Carey RM.** Update on AT_2 receptors. 3rd International Conference on Low Renin Hypertension, Rome, Italy, 2007.

91. **Carey RM.** The renin-angiotensin system in the pathophysiology of hypertension. Hypertension Summer School, Council for High Blood Pressure Research, American Heat Association, Ft. Collins, CO, 2007.

92. **Carey RM.** Extracellular cyclic GMP in natriuresis and pressure natriuresis. FASEB Summer Conference, Saxton's River, VT, 2007.

93. **Carey, RM.** Angiotensin III and the AT2 receptor in natriuresis. VIIth International Symposium on Vasoactive Peptides, Oro Preto, Brazil, 2008.

94. **Carey RM.** Primary Aldosteronism. 40th Pfizer International Symposium on Endocrinology and Metabolism, Paris, France, 2008.

95. **Carey RM.** Control of renal sodium excretion by angiotensin peptides and receptors. Plenary Lecture, International Aldosterone Conference, San Francisco, 2008.

96. **Carey RM.** Recent advances in the alternate pathways of the renin-angiotensin system. John and Meredith Oates Distinguished Visiting Professor Lecture, Vanderbilt University School of Medicine, Nashville, 2008.

97. **Carey RM.** Finding and curing mineralocorticoid-induced hypertension. Beverly Towery Lecture, Department of Medicine, University of Louisville, Louisville, 2008.

98. **Carey RM.** Angiotensin III: AT2 receptor agonist inducing natriuresis. Third International Workshop on the Intracardiac Renin-Angiotensin-Aldosterone System, New Orleans, LA, 2008.

99. **Carey RM.** Update on the AT1 receptor. Medical Advisory Board, Daiichi-Sankyo, Inc., San Diego, CA, 2008.

100. **Carey, RM.**. Metabolic benefits of renin-angiotensin system inhibition. Novartis Direct Renin Inhibition Expert Council, New York, NY, 2008.

101. **Carey RM.**. Angiotensin AT_2 receptors: understanding their role in cardiovascular and renal function. Robert Tigerstedt Distinguished Scientist Award Lecture, American Society of Hypertension, San Francisco, CA, 2009.

102. **Carey RM.** Evaluation and treatment of resistant hypertension: where are we now? Opening Plenary Lecture, Italian Society of Endocrinology, Sorrento, Italy, 2009.

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105. **Carey RM**. Aminopeptidase Inhibition. Interamerican Society of Hypertension, Belo Horizonte, Brazil, 2009.

106. **Carey RM**. Antihypertensive and renoprotective mechanisms of renin inhibition in diabetes. 70th Congress of the Italian Society of Cardiology, Rome, Italy 2009.

107. **Carey RM**. Drug-resistant hypertension: myth or reality? 4th Mantua Workshop on Diabetes Mellitus and Related Conditions. Mantova, Italy, 2010.

108. **Carey RM.** Regulation of renal sodium excretion and its clinical significance. Nachum and Bertha Mizney Memorial Lecture, Sir Mortimer B. Davis – Jewish General Hospital, McGill University, Montreal, Quebec, Canada ,2009.

109. **Carey RM.** Role of AT2 receptors in the control of renal function. Cardiovascular Research Center, McGill University, Montreal, Quebec, Canada, 2009.

110. **Carey RM**. Angiotensin AT_2 receptors: control of sodium excretion and blood pressure. 2nd World Conference on Hormonal and Genetic Basis of Sexual Differentiation Disorders and Hot Topics In Endocrinology. University of Miami, Miami, 2010.

111. **Carey RM**. Resistant hypertension: evaluation and treatment. Medical Grand Rounds, Eastern Virginia Medical School, Norfolk, 2010.

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113. **Carey RM**. Update on the renin-angiotensin system. National Kidney Foundation Symposium, University of Virginia, Charlottesville, 2010.

114**.** **Carey RM**. Angiotensin III is the predominant agonist for AT2 receptor-induced natriuresis.

VIII Vasoactive Peptide Symposium, Ouro Preto, Brazil, 2011.

115. **Carey RM.** Primary Aldosteronism: Diagnosis and Management. Update on Adrenal Disease and Lesions, Cleveland Clinic, Cleveland, 2011.

116. **Carey RM.** The Year-in-the-Adrenal. The Endocrine Society Annual Meeting (ENDO 2011), Boston, 2011.

117. **Carey RM.** New blood pressure guidelines: will there be new targets and approaches? Diabetes Diagnosis and Management 2011 (ENDO 2011; Pre-conference event), Boston, 2011.

118. **Carey RM**. Advocating for higher standards in testosterone testing. Coalition for Quality Testing (ENDO 2011), Boston, 2011.

119. **Carey RM.** Pressure-natriuresis: role and mechanisms in the pathophysiology of human hypertension. André Aisenstadt Memorial Clinical Day honoring Ernesto L. Schiffrin. Jewish General Hospital, Montreal, Quebec, Canada, 2011.

120. **Carey RM.** Alan F. Moore Memorial Lecture: Renal AT2 receptors: role and mechanisms in the control of sodium excretion and blood pressure. Massachusetts General Hospital, Harvard Medical School, Boston, 2012.

121. **Carey RM** and Stowasser M. Primary hyperaldoseronism. Case Management Forum, The Endocrine Society, Houston, 2012.

122. **Carey RM.** Intrarenal angiotensin and dopamine receptor interactions in the control of sodium excretion and blood pressure. International Society of Hypertension, Sidney, Australia**,** 2012.

123. **Carey RM.** Angiotensin and dopamine receptor interactions in the kidney. Evolving Concepts of the Renin-Angiotensin System ISH Satellite Meeting, Hunter Valley, Australia, 2012.

124. **Carey RM**. Molecular pathophysiology of low renin essential hypertension and idiopathic hyperaldosteronism. Aldosterone and Salt: Kidney and Heart ISH Satellite Meeting, Palm Cove, Australia, 2012.

125. **Carey RM.** Molecular models of low renin primary hypertension and idiopathic Hyperaldosteronism: role of TASK channels. International Symposium of Aldosterone and Related Substances in Hypertension. Sendai, Japan, 2013.

126. **Carey RM.** AT_2 receptor agonist-induced natriuresis: efficacy and mechanisms. IX International Symposium on Vasoactive Peptides. Belo Horizonte, Minas Gerais, Brazil, 2013.

127. **Carey RM.** The intrarenal renin-angiotensin and dopaminergic systems: control of renal

sodium excretion and blood pressure. Closing Lecture, First Symposium on Physiology of the State University of Ceara, Forteleza, Brazil, 2013.

128. **Carey RM.** Are AT2 receptor agonists suitable as natriuretic agents? Vicore AT2 Receptor Meeting, Lucca, Italy, 2014.

129. **Carey RM**. Definition and prevalence of resistant hypertension. Symposium on Resistant Hypertension, American College of Cardiology, Washington, DC. 2014.

130. **Carey RM**. The AT2 receptor in control of sodium homeostasis and blood pressure. Joint Sessions of the Interamerican Society of Hypertension and the Brazilian Society of Hypertension, Salvador, Bahia, Brazil, 2014.

131. **Carey RM**. Management of primary aldosteronism: case detection, diagnosis and treatment. Egyptian Association of Endocrinology, Diabetes & Atherosclerosis. Alexandria, Egypt, 2014.

132. **Carey RM**. Management of resistant hypertension. Egyptian Association of Endocrinology, Diabetes & Atherosclerosis. Alexandria, Egypt, 2014.

133. **Carey RM**. Diagnosis and treatment of primary aldosteronism: review of 2015 guidelines. The Endocrine Society Sixth Annual Endocrine Summit, Mumbai, India, 2015.

134. **Carey RM**. Challenges in the diagnosis and management of adrenal insufficiency. The Endocrine Society Sixth Annual Endocrine Summit, Mumbai, India, 2015.

135. **Carey RM**. Hypertension. *Vasculata 2015*. University of Virginia, University of Dusseldorf and North American Vascular Biology Organization. Charlottesville, VA 2015.

136. **Carey RM**. AT_2 receptor activation in hypertension: therapeutic potential. Vasoactive Peptide Symposium, Lagoa dos Ingleses, Brazil, 2015

137. **Carey RM**. Resistant hypertension: diagnosis and management. Atlas 1st Annual Cardiometabolic Summit, Cairo, Egypt, 2016.

138. **Carey RM**. Secondary Hypertension. Atlas 1st Annual Cardiometabolic Summit, Cairo, Egypt, 2016.

139. **Carey RM**. Management of resistant hypertension: where are we now? Presidential Plenary Session: Japanese Society of Hypertension, Sendai, Japan, 2016.

140. **Carey RM**. Natriuretic effects of AT_2 receptors. Vicore Meeting, New Orleans, 2016.

141. **Carey RM**. Contemporary thresholds and targets of blood pressure control. Egyptian Association of Endocrinology, Diabetes & Atherosclerosis. Alexandria, Egypt, 2016

142. **Carey RM**. New approaches to the treatment of hypertension. Egyptian Association of Endocrinology, Diabetes & Atherosclerosis. Alexandria, Egypt, 2016

143. **Carey RM**. Emerging clinical practice guidelines: hypertension. Annual meeting of the Consortium for Southeastern Hypertension Control (COSEHC), Tampa, 2017.

144. **Carey RM**. Implementing hypertension guidelines for the reduction of stroke risk. American Stroke Association. Houston, 2017.

145. **Carey RM**. Redefining hypertension.: 2017 and beyond. Medical grand rounds. Medical University of South Carolina, Charleston, 2017.

146. **Carey RM.** Opening Keynote Address: Current state of adult hypertension in 2017. First Joint Meeting, American Heart Association Hypertension Council, San Francisco, CA, 2017

147. **Carey RM**. Resistant hypertension: state-of-the-art in 2017. Annual Meeting, American Heart Association Hypertension Council, San Francisco, CA, 2017.

148. **Carey RM**. Moderator, Blood Pressure Measurement: Which One Matters? American Heart Association Scientific Sessions, Anaheim, CA, 2017

148. **Carey RM**. Blood pressure treatment thresholds and atherosclerotic cardiovascular disease risk. Plenary Session, ACC/AHA Guideline for the Prevention, Detection, Evaluation and Management of High Blood Pressure in Adults. American Heart Association Scientific Sessions, Anaheim, CA, 13 November 2017. **Media reach approximately 4.5 billion audience, media impressions & views with over 2,000 media placements and 650 million social media encounters. Articles in all major U.S. newspapers on November 14 included *The New York Times* (front page), *Washington Post* and *Wall Street Journal*. American Heart Association internal presentations included 10 podcasts, a TEDMED Grand Rounds and a Reach MD interview.**

149. **Carey RM**. Detection and management of secondary hypertension. Detailed session, ACC/AHA Guideline for the Prevention, Detection, Evaluation and Management of High Blood Pressure in Adults. American Heart Association Scientific Sessions, Anaheim, CA, 2017.

150. **Carey RM**. ACC/AHA Hypertension Guidelines. 29th Science Conference of the Japanese Study Group for Physiology and Management of Blood Pressure. Kyoto, Japan, 2017

151. **Carey RM**. 2017 ACC/AHA Hypertension Guidelines. Hiroshima University, Japan, 2017

152. **Carey RM**. 2017 ACC/AHA Clinical Practice Guidelines for High Blood Pressure in Adults. Keynote Lecture:13th Xiangya Diabetes Immunology Forum, Changsha, China, 2018

153. **Carey RM**. The lowdown on hypertension: goals of therapy in older adults. American College of Cardiology, Orlando, FL, 2018.

154. **Carey RM**. Role of AT_2 receptors in cardiovascular and renal function. Tulane University Hypertension and Renal Center of Excellence, New Orleans, LA, 2018.

155. **Carey RM**. 2017 ACC/AHA clinical practice guidelines for high blood pressure in adults. COSEHC Quality Impact Collaborative Meeting, New Orleans, LA, 2018.

156. **Carey RM**. Prevention and treatment of hypertension: interventions, thresholds and goals. 29th Annual Vascular Biology and Hypertension Symposium, University of Alabama Birmingham, Birmingham, AL, 2018.

157. **Carey RM**. 2017 ACC/AHA clinical practice guidelines for high blood pressure in adults. ACC Regional Meeting, Lake Geneva, WI, 2018.

158. **Carey RM**. 2017 ACC/AHA Clinical Practice Guidelines for High Blood Pressure in Adults. Blue Cross and Blue Shield of Louisiana, Baton Rouge, LA, 2018.

159. **Carey RM**. AT_2 receptor-bradykinin B_2 receptor interactions in cardiovascular and renal function. KININ2018CLE Meeting, Cleveland, OH, 2018

XI. **NATIONAL AND INTERNATIONAL PRESENTATIONS (2002-2018)**

1. Siragy HM, El-Kersh M, deGasparo M, **Carey RM**. Ace inhibition or AT_1 receptor blockade increases cardiac tissue levels of NO and cGMP in conscious rats post-ischemia. Presented at the19th Scientific Meeting of the International Society of Hypertension, Prague, 2002.

2. Siragy HM, El-Kersh M, deGasparo M, **Carey RM.** Increases of cardiac tissue levels of PGE_2 and TNF_α in conscious rats post-myocardial infarction. Presented at the 19th Scientific Meeting of the International Society of Hypertension, Prague, 2002.

3. Sasaki S, Siragy HM, Felder RA, **Carey RM.** Guanosine cyclic 3:5′-monophosphate production in human proximal tubule cells from normotensive and hypertensive subjects. Presented at the Council for High Blood Pressure Research, Orlando, 2002.

4. Awad AS, Webb RL, **Carey RM,** Siragy HM. Renal nitric oxide production is decreased in diabetic rats and improved by AT_1 receptor blockade. Presented at the Council for High Blood Pressure Research, Orlando, 2002.

5. Abadir PM, **Carey RM,** Siragy HM. Angiotensin AT_2 receptor directly stimulates renal production of nitric oxide in conscious B_2–null mice. Presented at the Council for High Blood Pressure Research, Orlando, 2002.

6. Abadir PM, Abdel-Rahman EM, **Carey RM,** Siragy HM. Angiotensin AT_1 receptor mediates renal production of prostaglandin E_2 and $F_{2\alpha}$ in diabetic rats. Presented at the Council for High Blood Pressure Research, Orlando, 2002.

7. Awad AS, **Carey RM,** Siragy HM. Increased renal production of angiotensin II and thromboxane B_2 in conscious diabetic rats. Presented at the Council for High Blood Pressure Research, Orlando, 2002.

8. Bove CM, Yang Z, DiMaria IM, Gilson WD, Epstein FH, French BA, **Carey RM**, Kramer CM. Nitric oxide mediates benefits of angiotensin II type 2 receptor during post-infarct remodeling. Presented at the American Heart Association, 2002.

9. Jin X-H, Siragy HM, **Carey RM**. Regulation of natriuresis and pressure-natriuresis by intrarenal inhibition of type V phosphodiesterase. Presented at the Inter-American Society of Hypertension, San Antonio, 2003.

10. Sasaki S, Siragy HM, Felder RA, **Carey RM**. Sodium absorption in human proximal tubule cells mediated by the angiotensin type-1 receptor. Presented at the Inter-American Society of Hypertension, San Antonio, 2003.

11. Sasaki S, Siragy HM, Felder RA, **Carey RM**. Role of cellular guanosine cyclic 3', 5'-monophosphate expert in the regulation of Na^+ reabsorption in the human proximal tubule. Presented at the Inter-American Society of Hypertension, San Antonio, 2003.

12. Sasaki S, Siragy HM, Felder RA, **Carey RM**. Human renal proximal tubule cells generate and export guanosine cyclic 3', 5"-monophosphate but not nitric oxide. Presented at the Inter-American Society of Hypertension, San Antonio, 2003.

13. Jin X-H, Boukarakis M, Howell NL, Siragy HM, **Carey RM**. Renal interstitial cGMP responses to increased renal perfusion pressure are defective in Dahl salt-sensitive rats. Presented at the Council for High Blood Pressure Research, American Heart Association, Washington DC, 2003.

14. Sasaki S, Siragy HM, Felder RA, **Carey RM**. Role of extracellular guanosine cyclic 3', 5' monophosphate in the regulation of sodium absorption in the human proximal tubule. Presented at the Council for High Blood Pressure Research, American Heart Association, Washington DC, 2003.

15. Sasaki S, Siragy HM, Howell NL, **Carey RM**. Cardiac aldosterone in conscious rats: effects of sodium intake, adrenalectory and AT_1 receptor blockade. Presented at the Council for High Blood Pressure Research, American Heart Association, Washington DC, 2003.

16. Abadir PM, **Carey RM**, Siragy HM. Renal AT_2 receptor increases angiotensin II generation in diabetic conscious rats. Presented at the Council for High Blood Pressure Research, American Heart Association, Washington DC, 2003.

17. Abadir PM, **Carey RM**, Siragy HM. The angiotensin subtype 2 receptor inhibits renin biosynthesis and secretion in conscious rats. Presented at the Council for High Blood Pressure Research, American Heart Association, Washington DC, 2003.

18. Varos S, Kramer CM, Bove C, Yang Z, Berr SS, Dimaria JM, Gilson WD, **Carey RM**, French BA. AT_1 receptor knockout, but not blockade, further attenuates posr-infarction ventricular remodeling

in AT_2 receptor overexpressed mice. American Heart Association Scientific Sessions.

19. Howell NL, Siragy HM, **Carey RM**. Evidence that intrarenal AT_2 receptors mediate natriuretic responses to AT_1 receptor blockade. Presented at the Council for High Blood Pressure Research, American Heart Association, Chicago, 2004

20. Abadir PM, Periasamy A, **Carey RM**, Siragy HM. Angiotensin AT_2 receptors heterodimerize with bradykinin B_2 receptors potentiating nitric oxide production. Presented at the Council for High Blood Pressure Research, Chicago, 2004.

21. Howell NL, Jin X-H, Siragy HM, **Carey RM**. Extracellular renal cyclic GMP regulates natriuresis and pressure-natriuresis. Presented at the Council for High Blood Pressure Research, Chicago, 2004.

22. Voros S, Yang Z, DiMaria JM, Berr SS, Epstein FH, French BA, **Carey RM**, Kramer CM. Angiotensin II type 2 receptor overexpression is additive to AT_{1A} receptor knockout in attenuation of post-MI remodeling, independent of blood pressure. Presented at the American Heart Association Scientific Sessions, New Orleans, 2004.

23. Isbell C, Voros S, Yang Z, Conaway M, Dimaria JM, Berr SS, French BA, Epstein FH, **Carey RM**, Kramer CM. Bradykinin does not mediate the anti-remodeling effects of the angiotensin II type-2 receptor following myocardial infarction.

24. Padia SH, Howell NL, Siragy HM, **Carey RM**. Angiotensin III mediates natriuresis via the AT_2 receptor in the AT_1 receptor blocked rat. Presented at the annual meeting of The Endocrine Society, San Diego, 2005

25. Salomone LJ, Howell NL, McGrath HE, Gildea JJ, Felder RA, **Carey RM.** Direct renal dopamine D_1-like receptor induced natriuresis and AT_2 receptor expression. Presented at the annual meeting of The Endocrine Society, San Diego, 2005.

26. Felder RA, Huntly D, Surace M, Jose PA, **Carey RM**, Gildea JJ. Culture of extollated human renal proximal tubule cells in urine from normal subjects enrolled in a genetic study of salt sensitivity. Presented at the Council for High Blood Pressure Research, Washington, DC, 2005.

27. Oishi Y, Gildea JJ, Felder RA, **Carey RM**. Physiologic angiotensin II increases apical sodium transport in opossum kidney cells via sodium-hydrogen exchanger-3. Presented at the Council for High Blood Pressure Research, Washington, DC, 2005.

28. Salomone LJ, Howell NL, McGrath HE, Gildea JJ, Felder RA, **Carey RM**. Intrarenal dopamine D_1-like receptor stimulation increases renal cortical cell membrane AT_2 receptor expression and induces natriuresis. Presented at the Council for High Blood Pressure Research, Washington, DC, 2005.

29. Padia SH, Howell NL, Siragy HM, **Carey RM**. Renal AT_2 receptors mediate natriuresis via angiotensin III in the rat. Presented at the Council for High Blood Pressure Research, Washington, DC, 2005.

30. Isbell DC, Voros S, Yang Z, Dimaria JM, Conaway M, Berr SS, French BA, Epstein FH, Roy RJ, **Carey RM**, Kramer CM. Bradykinin does not mediate the antiremodeling effects of the angiotensin II type-2 receptor following myocardial infarction. Presented at Scientific Sessions, American Heart Association, 2005.

31. Meliagros PD, Howell, NL, Kemp BA, Padia SH, **Carey RM**. AT2 receptor-mediated natriuresis with CGP-42112A in the rat. Presented at the Council for High Blood Pressure Research, Washington, DC, 2005.

32. Xue C, **Carey RM**, Siragy HM. Reduced renal AT2 receptor in diabetes is reversed by inhibition of AT1 receptor or NADPH oxidase. Presented at the Council for High Blood Pressure Research, San Antonio, 2006.

33. Padia SH, Howell NJ, Siragy HM, **Carey RM**. Intrarenal aminopeptidase N inhibition augments natriuretic responses to angiotensin III in AT1 receptor-blocked rats. Presented at the Council for High Blood Pressure Research, San Antonio, 2006.

34. Ahmed, F, Howell NL, Siragy HM, **Carey RM**. Extracellular renal cyclic GMP is required for nitric oxide-induced natriuresis in the rat. Presented at the Council for High Blood Pressure Research, San Antonio, 2006.

35. Park J, Kemp BA, Howell NL, Gildea JJ, **Carey RM**. Nitric oxide-induced natriuresis requires extracellular transport of cyclic GMP via an intact microtubulin network in the rat kidney. Presented at the Council of High Blood Pressure Research, Tuscon, AZ, 2007.

36. Kemp BA, Ahmed F, Howell NL, Gildea JJ, **Carey RM**. Extracellular cyclic GMP restores nitric oxide-induced natriuresis abolished by organic anion transport inhibition. Presented at the Council for High Blood Pressure Research, Tucson, AZ, 2007.

37. Padia SH, Gildea JJ, Keller S, Howell NL, Kemp BA, McGrath HE, **Carey RM**. Intrarenal dopamine D_1-like receptor activation induces natriuresis and angiotensin type-2 receptor translocation from cytosol to apical plasma membranes of renal proximal tubule cells. Presented at the Council for High Blood Pressure Research, Tucson, AZ, 2007.

38. Padia SH, Kemp BA, Howell NL, Fournie-Zaluski M-C, Roques BP, **Carey RM**. Intrarenal aminopeptidase N inhibition unmasks natriuretic responses to angiotensin II in AT1 receptor-blocked rats. Presented at the Council for High Blood Pressure Research, Tucson, AZ, 2007.

39. Gildea JJ, McGrath HE, **Carey RM**, Jose PA, Felder RA. A novel dopamine D_5 receptor selective antagonist (PM 436) reveals that the dopamine D_5 receptor negatively regulates the fenoldopam-dependent D_1 receptor brush border translocation. Presented at the Council for High Blood Pressure Research, Tucson, AZ, 2007.

40. Chai W, Liu J, Barrett EJ, **Carey RM**, Liu Z. Losartan enhances muscle microvascular blood volume via AT2R-dependent mechanism. Presented at the Annual Meeting of the American Diabetes Association, 2009.

41. **Carey RM**, Schoeffel CD, Gildea JJ, Jones JE, McGrath HE, Gordon LN, Park MJ, Williams SM, Jose PA, Felder RA. Salt-sensitivity of blood pressure is strongly associated with polymorphisms in the sodium-bicarbonate symporter. Presented at the Council for High Blood Pressure Research, Orlando, FL, 2011.

42. Padia SH, Enayat S, Founrie-Zaluski M-C, Roques BP, Howell NL, Kemp BA, **Carey RM**. Angiotensin III-induces natriuresis via a renal AT_2 receptor-soluble guanylyl cyclase-cyclic GMP signaling pathway. Presented at the Council for High Blood Pressure Research, Orlando, FL, 2011.

43. Abadir PM, Foster DB, Crow MT, Burks TN, Cohn RD, Fedarko NS, **Carey RM**, O'Rourke B, Walston JD. Identification and characterization of a mitochondrial angiotensin system. Accepted at the Council for High Blood Pressure Research, Orlando, FL, 2011.

44. Kemp BA, Gildea JJ, Howell NL, **Carey RM**, Padia SH. Renal cAMP recruits D1Rs and AT2Rs to apical plasma membranes of proximal tubule cells. Presented at the Council for High Blood Pressure Research, Orlando, FL, 2011.

45. Gildea JJ, Lahiff DT, Van Sciver RE, Schoeffel CD, **Carey RM**, Felder RA. Urine-Derived Living Renal Proximal Tubule Cells Differentially Respond to Ang II in Patients from a Salt Sensitivity Study. Presented at the Council for High Blood Pressure Research, Orlando, FL, 2011.

46. Kemp BA, Howell NL, Shao W, Navar LG, **Carey RM**. Aminopeptidase regulation of intrarenal angiotensin II and III levels in the rat. Presented at the Council for High Blood Pressure Research, Washington, DC, 2012.

47. Gherghe C, Demp BA, Howell NL, **Carey RM**. Mechanism of pressure-natriuresis: evidence that Na^+/K^+ATPase is a renal extracellular cyclic guanosine 3',5'-monophosphate receptor. Presented at the Council for High Blood Pressure Research, Washington, DC, 2012

48. Tweeden KS, Knudson MB, Shikora S, **Carey RM**. Intermittent neural transmission block of the intra-abdominal vagus induces sustained blood pressure reduction in obese subjects. Presented at the Scientific Sessions of the American Heart Association, 2012.

49. **Carey RM**. Discussant on the EnligHTNTM trial. Presented at the Scientific Sessions of the American Heart Association, 2012.

50. Artamonov M, Good M, Momotani K, Isakson B, **Carey RM**, Le TH, Somlyo A. Role of ribosomal S6 kinase 2 (RSK2) in vascular myogenic tone and blood pressure regulation. Presented at the Council on Hypertension, American Heart Association, Orlando, FL, 2016

51. Kemp BA, Gildea JJ, Howell NL, Keller SR, **Carey RM**. Evidence that the extracellular domain of Na^+/K^+ATPase is the receptor for cyclic GMP-induced natriuresis. Presented at the Council on Hypertension, American Heart Association, Orlando, FL, 2016.

52. Erdbruegger U, Howell NL, Rudy C, **Carey RM**, Le TH. Distinct profiles of extracellular vesicles are elevated during evolution of hypertension. Presented at the Council on Hypertension, American Heart Association, Orlando, FL, 2016.

53. Peng X, Gildea JJ, Jose PA, **Carey RM**, Felder RA. Dopamine D2 receptor is associated with inverse salt sensitivity. Presented at the Council on Hypertension, American Heart Association, Orlando, FL, 2016.

54. Kemp BA, Howell NL, Padia SH, Keller SR, Gildea JJ, **Carey RM**. Defective renal angiotensin III and AT_2 receptor signaling in pre-hypertensive spontaneously hypertensive rats (SHR). Presented at the American Heart Association Hypertension Council/American Society of Hypertension Meeting, San Francisco, CA, 2017.

55. Kemp BA, Howell NL, Keller SR, Gildea JJ, Hinkle J, Shabanowitz J, Hunt DF, **Carey RM**. The extracellular domain of Na^+/K^+ATPase serves as a receptor for cyclic GMP in mediating natriuresis. Presented at the American Heart Association Hypertension Council/American Society of Hypertension Meeting, San Francisco, CA, 2017.

56. Good, M, Musante L, **Carey RM**, Howell N, Le T. EVs from Wistar-Kyoto and spontaneously hypertensive rats have differential vasodilatory effects on resistance arteries. ISEV Annual Meeting, 2018.

XII. **MAJOR LECTURES ON MEDICAL EDUCATION**

1. **Carey RM.** Evaluation of clinical teaching: role of students, faculty and medical school administration. Presented at the annual meeting of Society of Surgical Chairmen, Washington, D.C. 1991.

2. **Carey RM.** Stimulating and Evaluating Excellence in Medical School Teaching, Society of Surgical Chairmen, Washington, D.C., 1991.

3. **Carey RM.** Health reform and medical education. Presented as the Graduation Speech for Housestaff Graduation Exercises, Ochsner Clinic Foundation, New Orleans, 1993.

4. **Carey RM.** Strategies for Augmenting the Culture for Generalist Medical Education. Presented at the Second National Primary Care Conference, Dallas, 1994.

5. **Carey RM.** Promotion, Tenure, Faculty Mentoring and Faculty Development, Presented at the AAMC Council of Deans Spring Meeting, Tucson, AZ, 1995.

6. **Carey RM.** Vision of institutions and health in the year 2020. Presented at the Institute of Medicine 25th Anniversary Symposium, National Academy of Sciences, Washington, DC, 1995.

7. **Carey RM.** Cost of Medical Education. Presented at the National Meeting of the Robert Wood Johnson Foundation, Key Biscayne, FL, 1997.

XIII. MAJOR LOCAL PRESENTATIONS (1986-PRESENT)

1. **Carey RM.** University of Virginia School of Medicine: Current Status and Vision for the 1990s, December, 1986.

2. **Carey RM.** State of the University of Virginia School of Medicine, December, 1987.

3. **Carey RM.** State of the University of Virginia School of Medicine, December, 1988.

4. **Carey RM.** Major Commencement Speaker, The University of Virginia School of Medicine, 1986, 1987, 1988.

5. **Carey RM.** The University of Virginia School of Medicine: Highlights of 1989-Hopes and Challenges for 1990, December, 1989.

6. **Carey RM.** Running with the Wind. The University of Virginia School of Medicine: 1990 and Beyond, December, 1990.

7. **Carey RM.** Baccalaureate Opening Remarks. The University of Virginia School of Medicine, 1991.

8. **Carey RM.** Mastering the Mountain. The University of Virginia School of Medicine: 1991 and Beyond, December, 1991.

9. **Carey RM.** Medicine and Health During the English Colonization of Virginia, History of Medicine Lecture, 1992.

10. **Carey RM.** Casting for Keepers. The University of Virginia School of Medicine: 1992 and Beyond, December, 1992.

11. **Carey RM.** The University of Virginia School of Medicine: Essentials for Success in the Age of Health Care Reform. November, 1993.

12. **Carey RM.** Innovation and Leadership: Signature of the University of Virginia School of Medicine. December, 1994.

13. **Carey RM.** Baccalaureate Address: Class of 1995. Knowledge Translates to Hope in the Physician-Patient Bond. May, 1995.

14. **Carey RM.** RISE and Shine: The Subtle Distinctions of Professionalism of the University of Virginia School of Medicine. December, 1995.

15. **Carey RM.** Chipping Away Towards Combustion: Principles for Synergism at the University of Virginia School of Medicine. December, 1996.

16. **Carey RM.** Clinical Investigation: History and Destiny. The Second Annual Kenneth R. Crispell Lecture, University of Virginia Health Sciences Center, October, 1997.

17. **Carey RM.** Vision for the 21st Century of the University of Virginia School of Medicine. January, 1998.

18. **Carey RM.** Dr. John Lederer and Early American Exploration. The Third Annual Kenneth R. Crispell Memorial History Lecture, April, 1999.

19. **Carey RM.** Initiating a Chain Reaction: Our responsibility to each other through personal engagement. January, 1999.

20. **Carey RM**. University of Virginia School of Medicine, 2000 Celebration and Call to Action, January, 2000.

21. **Carey RM.** Eleventh Edward W. Hook, Jr. Lecture, University of Virginia School of Medicine. High blood pressure, hormones and the kidney: the quest for understanding. July, 2000.

22. **Carey RM.** Progress towards excellence in the discovery, dissemination and application of knowledge: The University of Virginia School of Medicine 2000. January, 2001.

23. **Carey RM.** The University of Virginia School of Medicine: Providing Service for the Public Good. The 38th Medical Alumni Advisory Meeting, Norfolk, January, 2001.

24. **Carey RM.** University 2020 Vision. The 38th Medical Alumni Advisory Meeting, Norfolk, January, 2001.

25. **Carey RM.** Capitalizing on Our Contiguity: The School of Medicine within the Academical Village. February, 2002.

26. **Carey RM.** Cross-matrixing our strengths: School of Medicine collaboration with other schools of the University. The 39th Medical Alumni Advisory Meeting, The Homestead, February, 2002.

27. **Carey RM.** Academic and clinical medicine: achievement and promise. The Jefferson Literary and Debating Society, March, 2002.

28. **Carey RM.** Medical Grand Rounds: Adrenal insufficiency. University of Virginia, June, 2006.

29. **Carey RM.** Medical Grand Rounds: Carey-Marshall-Thorner Medical Research Day. The renin-angiotensin system: new discoveries and their clinical implications. University of Virginia, April, 2007.

30. **Carey RM.** Medical Grand Rounds: Predicting the JNC VIII Blood Pressure Guidelines: Will there be different targets and approaches? University of Virginia, August, 2011.

31. **Carey RM.** Medical Grand Rounds: Discovering and managing secondary hypertension.

University of Virginia, August, 2013.

32. **Carey RM**. Medical Grand Rounds. 2017 ACC/AHA hypertension clinical practice guideline: What's new and important? May, 2018.

XIV. **OTHER PRESENTATIONS**

1. **Carey RM.** Keynote Address, Hooding Ceremony, Medical College of Georgia School of Medicine, Augusta, GA; May, 2003.

2. **Carey RM.** Effective Practices and Tools, Second National Summit on Patient Safety, Arlington, VA, November, 2003.

3. **Carey RM.** Transformation of ideas into testable hypotheses and beyond. Introduction to Clinical Investigation for the University of Virginia Multidisciplinary Training Program in Clinical Investigation, 2006 and 2007.

4. **Carey RM.** State-of -The Endocrine Society Address, ENDO-09,Washington Convention Center, Washington, D.C., 2009

5. **Carey RM**. Four astounding medical discoveries this year. University of Virginia President's Development Event. Palm Beach, FL. 2016