

George A. Stouffer, III

CURRENT POSITION

Henry A. Foscue Distinguished Professor of Medicine
Chief, Division of Cardiology
Physician in Chief, UNC Medical Center Heart and Vascular Service Line

**University of North Carolina
Chapel Hill, NC 27599-7075**

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ACADEMIC CAREER

University of North Carolina, Chapel Hill NC:

6/15 – present Physician in Chief, UNC Heart and Vascular
9/13 – present Chief, Division of Cardiology
7/13 – present Member of the Heart and Vascular Governing Board for the UNC System
5/11 – present Member of the UNC Center for Heart and Vascular Care Leadership Team
7/09 – present Director of Cardiovascular Outreach, UNC Center for Heart and Vascular Care
7/07 – 9/13 Chief of Clinical Cardiology
4/05 – 7/07 Vice Chief of Cardiology for Clinical Affairs
4/05 – present Henry A. Foscue Distinguished Professor of Medicine
7/04 – present Professor of Medicine, Division of Cardiology
9/03 – present Member of the Lineberger Cancer Center
6/01 – present Director of the C.V. Richardson Cardiac Catheterization Laboratory
6/01 – present Director of Interventional Cardiology
11/00 – present Member of the McAllister Heart Institute (formerly the Carolina Cardiovascular
Biology Center)
11/00 – 6/04 Associate Professor of Medicine (with tenure)

University of Texas Medical Branch, Galveston, Texas

7/99 – 10/00 Associate Professor of Medicine (with tenure)
7/97 – 10/00 Associate Director of the Cardiac Catheterization Laboratory
7/96 – 10/00 Co-Director, Clinical Research, Division of Cardiology
7/95 – 10/00 Principal Investigator, Sealy Center for Molecular Cardiology
7/95 – 7/99 Assistant Professor of Medicine

University of Virginia, Charlottesville VA

7/94 – 6/95 Clinical Instructor in Medicine (concurrent with Interventional Cardiology Fellowship)

EDUCATION:

**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING
BACHELOR OF ARTS (MATHEMATICS)**

Magna Cum Laude
Bucknell University
Lewisburg, Pennsylvania June 1980

Honor Societies: Phi Beta Kappa, Tau Beta Pi National Engineering Honor Society, Omicron Delta Kappa National Leadership Honor Society, Phi Eta Sigma, Mortar Board

DOCTOR OF MEDICINE

University of Maryland School of Medicine
Baltimore, Maryland May, 1987

Honor Societies: Alpha Omega Alpha

POSTGRADUATE MEDICAL TRAINING

University of Virginia Health Sciences Center
Charlottesville VA

7/94 – 6/95 **Interventional Cardiology Fellowship**
7/92 – 6/94 **Clinical Cardiology Fellowship**
7/90 – 6/92 **Cardiovascular Research Fellowship (NIH-NRSA Fellowship)**
Laboratory of Gary K. Owens Ph.D.
Department of Molecular Physiology and Biological Physics
7/87 – 6/90 **Internal Medicine Residency**

PROFESSIONAL DEVELOPMENT

Program in Leadership/Faculty Leadership Initiative Course - 2012
UNC Health Care Strategic Leadership Academy - 2010
Clinician Leadership Course - 2009

PROFESSIONAL SOCIETIES:

Fellow, American College of Cardiology

Fellow, American College of Physicians
Fellow, American Heart Association Council on Arteriosclerosis,
Thrombosis and Vascular Biology
Fellow, Society for Cardiovascular Angiography and Interventions

BOARD CERTIFICATIONS:

Interventional Cardiology, ABIM (1999 – present)
Cardiovascular Diseases Subspecialty Board, ABIM (1995 – present)
Internal Medicine, ABIM (1990-2000)
National Board of Medical Examiners

IMPORTANT HOSPITAL COMMITTEES AT UNC

Credentials 2006 - present
Cardiovascular Outreach Steering Committee (Chairman) 2009 - present
UNC STEMI Committee (Chairman) 2005 – present
Cardiology Leadership Committee 2001 – present
Heart and Vascular Leadership Committee 2011 – present
Heart and Vascular Operations Committee 2012 – present
Cardiac Catheterization Laboratory CQI Committee (Chairman) 2001 - present

GRANTS AND RESEARCH AWARDS:

NIH

- “UNC Clinician-Scientist Training Program in Cardiovascular Medicine”
PI = G. Stouffer; T32HL083828-01; NHLBI, 2006 – 2016
- “Telomerase Activation for the Treatment of Cardiovascular Disease” NC Translational and Clinical Science Pilot award # 550KR21213. Co-PI (PI = Mike Jarstfer)
- “Acute Coronary Syndrome Outcomes for Medicare Patients”
PI = SC Stearns; RO1AG025801-01A1 (G. Stouffer = 5% effort); NIA, 2006 - 2008
- “Thrombin-induced signaling in vascular smooth muscle cells,”
PI = G. Stouffer; RO1HL70213-1, NHLBI, 2002-2007

Other Grants

- Cardiac Screening for the Uninsured, Blue Cross/Blue Shield of North Carolina Foundation (\$40500)
- “Role of thrombospondin mediated cell signaling in TGF β -induced growth of smooth muscle cells”, Grant-in-Aid, Texas Affiliate, American Heart Association, 1996-1998
- “The role of autocrine TGF β in angiotensin-II-induced smooth muscle cell proliferation”, Virginia Affiliate Fellowship Grant, American Heart Association, 7/91 – 6/92
- Safety and efficacy of intracoronary TNK in patients with impaired flow during PCI. Genentech Inc. 1/2003 → 10/2005

- Target vessel revascularization in patients receiving intracoronary stents in a community based population. Guidant Inc. 12/2002 → 3/2005

Interventional Cardiology Fellowship Salary Support

- St. Jude Medical Grant Committee (2015) – Grant to support fellowship training (\$25000)
- Medtronic Cardiac & Vascular Group (2014) - Fellowship Grant Funding (\$18000)
- Abbott Foundation (2013) - Interventional Cardiology Fellowship Grant Funding (\$35889)
- Abbott Foundation (2012) - Interventional Cardiology Fellowship Grant Funding (\$34898)
- SCAI Interventional Cardiology Fellows-in-Training Grant 2012 (\$25000)
- Abbott Foundation (2011) - Interventional Cardiology Fellowship Grant Funding (\$33868)
- SCAI Interventional Cardiology Fellows-in-Training Grant 2011 (\$25000)
- Abbott Foundation (2010) - Interventional Cardiology Fellowship Grant Funding (\$34434)
- Medtronic CardioVascular Grant (2010) – Interventional Cardiology Fellowship Funding (\$17500).
- SCAI Interventional Cardiology Fellows-in-Training Grant 2010 (\$46739)
- Abbott Foundation (2009) - Interventional Cardiology Fellowship Grant Funding (\$32500)
- Abbott Foundation (2008) - Interventional Cardiology Fellowship Grant Funding (\$41000)
- Cordis Corporation (2007) - Interventional Cardiology Fellowship Grant Funding (\$30000)
- Boston Scientific Research & Education Committee (2007) - Interventional Cardiology Fellowship Grant Funding (\$44000)

CURRENT STATE AND NATIONAL COMMITTEES

- Councilor of the NC Chapter of the American College of Cardiology
- Executive Council member of Credentials Committee of Society of Cardiovascular Angiography and Interventions
- Executive Council member of Interventional Training Standards & Program Directors Committee of Society of Cardiovascular Angiography and Interventions

HONORS AND AWARDS:

- Winner of the 2014 Medical Student Research Mentor Award given by the Academy of Educators
- Named to the Honors Carolina faculty for the undergraduate college
- Elected to the University of North Carolina School of Medicine Academy of Educators (2012)
- Guest Professor at Shandong University, Jinan, China 2011 – 2014
- American College of Cardiology Foundation selected reviewer for the 2011 ACCF/AHA Guidelines for Coronary Artery Bypass Graft Surgery
- Elected to membership in The American Clinical and Climatological Association (2009)
- Beta tester for ABIM Cardiovascular Disease Update (2010-2015)

- University of North Carolina ‘Unsung Hero’ Award for ‘Valuable Community Volunteer Contributions’ (2007)
- ‘Ectopic Attending’ Teaching Award from Emergency Medicine Residents at UNC (2006)
- Elected to membership in the Southern Society of Clinical Investigation
- Co-Course Director for the annual North Carolina Cardiovascular Update (2005 - 2013)
- Co-Organizer for the 1st and 2nd International Symposium on Coronary Thrombosis and Atherosclerosis
- *Ad hoc* reviewer for the Atherosclerosis and Inflammation Cardiovascular Sciences Study Section (AICS), NIH
- Member of the Angiography Guidelines committee for the Society of Cardiac Angiography and Intervention
- Member of the Western Review Consortium, American Heart Association
- Co-editor, Cardiology Grand Rounds, *American Journal of the Medical Sciences*
- American Federation for Medical Research 1999 Junior Faculty Award
- First Prize, Astra-Merck Young Investigators Forum (1998)
- Finalist, American College of Cardiology Young Investigator Award in Cellular and Molecular Cardiology (1997)
- Member of the AHA ‘Invasive Procedures for Management of Cardiovascular Complications of Diabetes’ working group
- Senior Chief Editor, Cardiology section, eMedicine
- First Prize, American College of Physicians Residents Competition
- World Bank Design Award for Photovoltaic Lighting System (1982)

EDITORIAL BOARDS

- *Journal of American College of Cardiology – Cardiovascular Interventions* (2014 – present)
- *Coronary Interventions Section Editor for SCAI.org* (2014 – present)
- *Cardiology Research and Practice* (2009 – 2011)
- *American Journal of the Medical Sciences* (1997 – 2010)
- *Journal of Thrombosis and Haemostasis* (2002-2007)

HONORS AND AWARDS FOR MENTEES:

- North Carolina Distinguished Medical Scholar Fellowship (2015-2016) – One year fellowship in translational research in my laboratory awarded to Michael Sola
- Short-term research training (STRT) grant from the National Institute of Diabetes, Digestive and Kidney diseases (NIDDK) to Nicholas Varunak (2015).
- Second prize in 2015 UNC Internal Medicine Research Competition to Zarina Sharalaya
- Election to the Mayer Community Service Honors Society, William Oslund for working at the Cardiology Clinic at Piedmont Health (a clinic which serves patients with little or no access to health care)

- Finalist in the American College of Clinical Pharmacy's (ACCP) Best Resident and Fellow Poster competition at 2014 Annual Meeting to Akinyemia Oni-Orisan (Craig Lee was the primary mentor)
- First prize in 2013 UNC Internal Medicine Research Competition to Joseph Bumgarner
- American Heart Association 2013 Student Scholarship in Cardiovascular Disease to Taylor Bazemore
- Short-term research training (STRT) grant from the National Institute of Diabetes, Digestive and Kidney diseases (NIDDK) to Ted Hodges.
- Short-term research training (STRT) grant from the National Institute of Diabetes, Digestive and Kidney diseases (NIDDK) to Josh Dilley.
- Scott Neil Schwirck Fellowship for Medical Student Research awarded to Taylor Bazemore
- American College of Cardiology 2013 Geriatric Cardiology FIT Travel Award – awarded to Xuming Dai
- Election to the Mayer Community Service Honors Society, Jeffrey Schmeckpeper for working at the Cardiology Clinic at Piedmont Health (a clinic which serves patients with little or no access to health care)
- Carolina Medical Student Research Program (2012) - awarded to Andrew Spangler
- John B. Graham prize for best Clinical Abstract during Medical Student Research day, 2012 awarded to Taylor Bazemore for his abstract entitled 'The Level of Blood Pressure Does Not Identify the Presence or Severity of RAS in Hypertensive Patients Undergoing Cardiac Catheterization'
- National Institutes for Diabetes and Digestive and Kidney Diseases Short Term Research Training (2011) – awarded to Taylor Bazemore
- North Carolina Distinguished Medical Scholar Fellowship (2009-2010) – One year fellowship in translational research in my laboratory awarded to Claud Grigg
- National Institutes for Diabetes and Digestive and Kidney Diseases Short Term Research Training (2008) – awarded to Caleb Stalls
- Finalist in the American College of Physicians Annual Medical Student Poster Contest – Samuel Sheth for 'Acute Renal Syndrome'; presented in Washington DC in 5/08
- North Carolina Distinguished Medical Scholar Fellowship (2007-2008) – One year fellowship in translational research in my laboratory awarded to Samuel Sheth
- North Carolina Distinguished Medical Scholar Fellowship (2007-2008) – One year fellowship in translational research in my laboratory awarded to Daniel Fox
- Doris Duke Clinical Research Fellowship (2006-2007) – One year fellowship in clinical research in my laboratory awarded to Brian Alder from Duke University Medical School
- Society of Cardiac Angiography and Intervention/Bracco Diagnostics Inc 2004-2005 Fellowship Program for Research in Cardiac Imaging and Invasive Cardiology – awarded to Robert Kelly
- Doris Duke Clinical Research Fellowship (2004-2005) – One year fellowship in clinical research in my laboratory awarded to Scott Genshaft from Case Western University Medical School

- North Carolina Distinguished Medical Scholar Fellowship (2004-2005) – One year fellowship in clinical research in my laboratory awarded to Jatin Joshi
- Carolina Medical Student Research Grant (2004) – awarded to Skand Bhatt
- National Institutes for Diabetes and Digestive and Kidney Diseases Short Term Research Training (2005) – awarded to Daniel Fox
- National Institutes for Diabetes and Digestive and Kidney Diseases Short Term Research Training (2005) – awarded to Alison Keenan
- Carolina Medical Student Research Grant (2005) – awarded to Paul Colavita
- The Irish Cardiac Society Young Investigator Award 2005 (presented at the Irish Cardiac Society Annual Meeting, Killarney, Ireland) – awarded to Robert Kelly

TEXTBOOKS

Cardiovascular Hemodynamics for the Clinician; Editor - Stouffer GA: Wiley-Blackwell, Oxford, UK. November 2007

Practical ECG Interpretation: Clues to Heart Disease in Young Adults; Stouffer GA: Wiley-Blackwell, Oxford, UK. May 2009

Netter's Cardiology; 2nd Edition, Editors – Runge MS, Stouffer GA, Patterson C: Elsevier, Oxford, UK. August 2010.

TEXTBOOK CHAPTERS

Patterson C, Stouffer GA: Atherosclerosis. In Nature Encyclopedia of the Human Genome; Editor-in-Chief David Cooper, Nature Press, Macmillan Publishers Ltd., Hampshire England 2003

Stouffer GA: Angina. In Netter's Internal Medicine; edited by Marschall S. Runge and Andrew Greganti. Icon Publications, Teterboro NJ, 2003

Stouffer GA: Atherosclerosis. In Principals of Molecular Cardiology; edited by Marschall S. Runge and Winston C. Patterson. Humana Press, Totowa NJ 2004

Stouffer GA: Diagnostic Coronary Angiography. In Netter's Cardiology; edited by Marschall S. Runge and E. Magnus Ohman, Icon Publications. Icon Publications, Teterboro NJ, 2004

Kroll CR, Tan W, Stouffer GA: Renal Artery Stenosis. In Netter's Cardiology; edited by Marschall S. Runge and E. Magnus Ohman, Icon Publications. Icon Publications, Teterboro NJ, 2004

Chiles CD, Stouffer GA: Pericardial Disease: Clinical Features and Treatment. In Netter's Cardiology; edited by Marschall S. Runge and E. Magnus Ohman, Icon Publications. Icon Publications, Teterboro NJ, 2004

Dupont AG, Boulware ME, Stouffer GA. Left and Right Heart Catheterization. In Netter's Cardiology, 2nd Edition; edited by Marschall S. Runge, George A. Stouffer and Cam Patterson, Elsevier, London, 2010

Runge MS, Ohman EM, Stouffer GA. The History and Physical Examination. In Netter's Cardiology, 2nd Edition; edited by Marschall S. Runge, George A. Stouffer and Cam Patterson, Elsevier, London, 2010

Rossi JS, Yang EH, Stouffer GA. Atlas of Cardiovascular Hemodynamics. In Cardiology Board Review; edited by Ragavendra Baliga, McGraw-Hill. Columbus OH. 2011

Sampson A, Paul TK, Stouffer GA. Pharmacological therapy in the management of acute coronary syndromes. Atherosclerosis: Cellular, Molecular & Biochemical Mechanism and Therapy, Ed. by Hong Wang and Cam Patterson, John Wiley & Sons Inc, Hoboken, NJ, 2014

ELECTRONIC PUBLICATIONS

Stouffer GA, Todd JW. Percutaneous Coronary Intervention. eMedicine from WebMD. Updated November 2014. Available at: <http://emedicine.medscape.com/article/161446-overview>.

PEER REVIEWED PUBLICATIONS

1. Feldman MD, Lewis DD, Stouffer GA, Sarembock IJ: Ampicillin remains inadequate therapy for enterococcal endocarditis. *South Med J* 1991;84:284
2. Humphries JE, Stouffer GA, Kelly TE, Rose CE: Hypercoagulability in a patient with Marfan syndrome. *J Med Genet* 1991;28:349-351
3. Stouffer GA, Owens GK: Angiotensin II induced mitogenesis of SHR derived cultured smooth muscle cells is dependent on transforming growth factor- β . *Circ Res* 1992;70:820-828
4. Stouffer GA, Humphries JE, Gibson RS, Williams ME: The role of platelets in unstable angina: conversion of chronic stable angina to rest angina concurrent with a rapid increase in the platelet count. *Journal of Vascular Medicine and Biology* 1993;4:9-12

5. Stouffer GA, Shimizu RT, Turla MB, Owens GK: Angiotensin-II- or AVP-induced increases in protein synthesis are not dependent on autocrine secretion of PDGF-AA. *Am J Physiol* 1993;264:C390-C395
6. Stouffer GA, Sarembock IJ, McNamara CA, Gimple LW, Owens GK: Thrombin-induced mitogenesis of vascular SMC is partially mediated by autocrine production of PDGF-AA. *Am J Physiol* 1993;265:C806-C811
7. Stouffer GA, LaMarre J, Gonias SL, Owens GK: Activated α_2 -macroglobulin and transforming growth factor- β 1 induce a synergistic smooth muscle cell proliferative response. *J Biol Chem* 1993;268:18340-18344
8. Stouffer GA, Owens GK: TGF- β promotes proliferation of cultured SMC via both PDGF-AA-dependent and PDGF-AA-independent mechanisms. *J Clin Invest* 1994;93:2048-2055
9. Ragosta M, Barry W, Gimple LW, Gertz SD, McCoy KW, Stouffer GA, McNamara CA, Powers ER, Owens GK, Sarembock IJ: The effect of thrombin inhibition with desulfato-hirudin on the early kinetics of cellular proliferation after balloon angioplasty in atherosclerotic rabbits. *Circulation* 1996; 93:1194-1200
10. Stouffer GA, Runge MS: Thrombin and Restenosis - Has the question been answered? *J Am Coll Cardiol* 1996;28:1856-1857
11. Stouffer GA, Schmedtje JF, Gulba D, Huber K, Bode C, Aaron J, Runge MS: Restenosis following percutaneous revascularization - the potential role of thrombin and the thrombin receptor. *Ann Hematol* 1996;73:S39-S42
12. McNamara CA, Sarembock IJ, Bachhuber BG, Stouffer GA, Ragosta M, Barry W, Gimple LW, Powers ER, Owens GK: Thrombin and vascular smooth muscle cell proliferation: Implications for atherosclerosis and restenosis. *Semin Thromb Hemost* 1996;22:139-144
13. Lerakis S, Stouffer GA, Runge MS: New thrombolytics: What is under development? *BioDrugs* 1997;8:24-32
14. Stouffer GA: Clinical use of intravenous glycoprotein IIb/IIIa inhibitors. *Fibrinolysis & Proteolysis* 1997;11, Suppl. 2:129-132
15. Parmar R, Stouffer GA: Use of glycoprotein IIb/IIIa inhibitors in acute coronary syndromes. *Am J Med Sci* 1997;314:31-36
16. Stouffer GA, Uretsky BF: Hemodynamic changes of aortic regurgitation. *Am J Med Sci* 1997;314:411-414

17. Lerakis S, Stouffer GA: Hypertrophic cardiomyopathy - Presentation and pathophysiology. *Am J Med Sci* 1997;314:324-329
18. Abreo G, Zwishenberger JB, Farrell RW, Ahmad M, Stouffer GA: Aortic root pseudoaneurysm following aortic dissection repair. *Am J Med Sci* 1997;314:273-275
19. Tavackoli S, Stouffer GA, Sheahan RG: Amiodarone-induced thyrotoxicosis. *Am J Med Sci* 1997;314:97-100
20. Rosanio S, Tocci M, Stouffer GA; Use of stress testing to evaluate patients with recurrent chest pain after percutaneous coronary revascularization. *Am J Med Sci* 1998;316:46-52
21. Lerakis S, Lindner JR, Stouffer GA: Use of echocardiography in patients with known or suspected endocarditis. *Am J Med Sci* 1998;316:209-212
22. Stouffer GA, Hu Z, Sajid M, Jin G, Nakada MT, Hanson SR, Runge MS: β_3 integrins are upregulated following vascular injury and mediate proliferation of cultured smooth muscle cells. *Circulation* 1998; 97:907-915
23. Stouffer GA, Runge MS: The role of secondary growth factor production in thrombin-induced proliferation of vascular smooth muscle cells. *Semin Thromb Hemost* 1998;24:145-150
24. Subbarao V, Phillips J and Stouffer GA: Update on glycoprotein IIb/IIIa inhibitors. *IDrugs* 1998;1:668-674
25. Subbarao V, Phillips J, Stouffer GA: Update on glycoprotein IIb/IIIa inhibitors. *Current Opinion in Cardiovascular, Pulmonary and Renal Investigational Drugs* 1999;1:56-62
26. Brizolaro A, Stouffer GA: Unstable angina - Interesting cases from the University of Texas Medical Branch. *Cardiol Clin* 1999;17:401-414
27. Rosanio S, Tocchi M, Uresky BF, Stouffer GA, Cutler D, Arron J, Otero J, Garg S, Runge MS: Queuing for coronary angiography during severe supply-demand mismatch in a U.S. public hospital: Analysis of a waiting list registry. *JAMA* 1999;282:145-152
28. Patterson C, Ballinger S, Stouffer GA, Runge MS: Antioxidant vitamins: Sorting out the good and the not so good. *J Am Coll Cardiol* 1999;34:1216-1218
29. Roza JC, Barry WL, Stouffer GA: New treatment strategies in patients with impaired left ventricular systolic function. Part I: Background and treatment of mild cardiac dysfunction. *Am J Med Sci* 1999;317:247-250

30. Rozo JC, Barry WL, Stouffer GA: New treatment strategies in patients with impaired left ventricular systolic function. Part II: Treatment of moderate to severe cardiac dysfunction. *Am J Med Sci* 1999;317:312-317
31. Subbarao VD, Phillips JR, Stouffer GA: Use of glycoprotein IIb/IIIa inhibitors in patients with coronary artery disease. *Am J Med Sci* 1999;318:107-114
32. Lerakis S, Barry WL, Stouffer GA: Use of coronary flow reserve to evaluate the physiologic significance of coronary artery disease. *Am J Med Sci* 1999;318:281-285
33. Mott L, Brizolaro A, McCreery C, Stouffer GA: Left main coronary artery disease. *Am J Med Sci* 1999;318:406-412
34. Rosanio S, Tocchi M, Uretsky BF, Stouffer GA: Current status of peripheral artery stenting. *Am J Med Sci* 2000;319:111-117
35. Sajid M, Hu Z, Lele M, Stouffer GA: Protein complexes involving $\alpha_v\beta_3$ integrins, nonmuscle myosin heavy chain-A and focal adhesion kinase form in thrombospondin-treated smooth muscle cells. *J Invest Med* 2000;48:190-197
36. Stouffer GA, Mott L, Brizolaro A, Subbarao V. Left main coronary artery disease in adults younger than 50 years old: a comparison with older patients. *Cathet Cardiovasc Intervent* 2000;51:11-17
37. Sajid M, Lele M, Stouffer GA: Autocrine thrombospondin partially mediates TGF β 1-induced proliferation of vascular smooth muscle cells. *Am J Physiol* 2000;279:2159-2165
38. Uretsky BF, Rosanio S, Lerakis S, Wang FW, Smiley M, Stouffer GA, Tocchi M, Estella P: A prospective comparison of angiography-guided coronary stent implantation with high versus very high balloon inflation pressure. *Am Heart J* 2000;140:804-812
39. Helmy T, Ware DL, Patterson C, Stouffer GA: Focal elastic obstruction of the inferior vena cava. *Cathet Cardiovasc Intervent* 2000;51:494-499
40. Jacobs WF, Chamoun AJ, Stouffer GA: Mitral valve prolapse: A review of the literature. *Am J Med Sci* 2001;321:401-410
41. Gupta R, Stouffer GA: Deep venous thrombosis – a review of the pathophysiology, clinical features and diagnostic modalities. *Am J Med Sci* 2001;322:358-364
42. Stouffer GA, Patterson C, Runge MS: The role of reactive oxygen species in angiotensin II signaling: the plot thickens. *Arterioscler Thromb Vasc Bio* 2001;21:471-472

43. Patterson C, Stouffer GA, Madamanchi N, Runge MS: New tricks for old dogs: Nonthrombotic effects of thrombin in vessel wall biology. *Circ Res* 2001;88:987-997
44. Lele M, Sajid M, Wajih N, Stouffer GA: Eptifibatide and 7E3, but not tirofiban, inhibit $\alpha_v\beta_3$ integrin-mediated binding of smooth muscle cells to thrombospondin and prothrombin. *Circulation* 2001;104:582-587
45. Sajid M, Hu Z, Guo H, Li H, Stouffer GA: Vascular expression of integrin-associated protein and thrombospondin increase following mechanical injury. *J Invest Med* 2001;49:398-405
46. Payne DA, Chamoun AJ, Seifert SL, Stouffer GA: MTHFR 677 C to T mutation: A Predictor of Early-Onset Coronary Artery Disease Risk. *Thromb Res* 2001;103:275-279
47. Wang F, Stouffer GA, Waxman S, Uretsky BF: Late Coronary Stent Thrombosis: Early vs Late Stent Thrombosis in the "Stent Era." *Cathet Cardiovasc Intervent* 2002;55: 142-147
48. Sajid M, Stouffer GA: The role of $\alpha_v\beta_3$ integrins in vascular healing. *Thromb Haemost* 2002;87:187-193
49. Smyth SS, Pathak A, Stouffer GA: In-stent restenosis – More fuel for the fire. *Am Heart J* 2002; 144:577-579
50. Agrawal M, Stouffer GA: Contrast induced nephropathy after coronary angiography. *Am J Med Sci* 2002;323:252-258
51. Lele M, Sajid M, Wajih N, Stouffer GA: Response to the letter of Robert M. Scarborough regarding 'Eptifibatide and 7E3, but not tirofiban, inhibit $\alpha_v\beta_3$ integrin-mediated binding of smooth muscle cells to thrombospondin and prothrombin' *Circulation* 2002;105:46e
52. Kroll C, Agrawal M, Stouffer FA: Angiographic evidence of coronary-subclavian steal syndrome [Cardiovascular Image], *Circulation* 2002;105:184e,doi:10.1161/01.CIR.0000017400.13819.4D
53. Smith, Jr. SC, Faxon D, Cascio W, Schaff H, Gardner T, Jacobs A, Nissen S, Stouffer GA: Prevention Conference VI: Diabetes and Cardiovascular Disease: Writing Group VI: Revascularization in Diabetic Patients. *Circulation* 2002;105: e165 - e169
54. Riley SJ, Stouffer GA: The antioxidant vitamins and coronary heart disease: Part I – Basic science background and clinical observational studies. *Am J Med Sci* 2002;324:314-320

55. Riley SJ, Stouffer GA: The antioxidant vitamins and coronary heart disease: Part II – Randomized clinical trials. *Am J Med Sci* 2003;325:15-19
56. Oswald CT, Menon V, Stouffer GA: The use of D-dimer in emergency room patients with suspected deep vein thrombosis – A test whose time has come. *J Thromb Haemost* 2003;1:635-636
57. Wang FW, Osman A, Otero J, Stouffer GA, Waxman S, Afzal A, Anzuini A, Uretsky BF: Distal myocardial protection during percutaneous coronary intervention with an intracoronary beta blocker. *Circulation*; 2003;107:2914-2919
58. Stouffer GA and Smyth SS: Effects of thrombin on interactions between β_3 integrins and extracellular matrix in platelets and vascular cells. *Arterioscler Thromb Vasc Bio* 2003;23:1971-1978
59. Sajid M, Zhao R, Pathak A, Smyth SS, Stouffer GA: $\alpha_v\beta_3$ integrin antagonists inhibit thrombin-induced proliferation and focal adhesion formation in smooth muscle cells. *Am J Physiol Cell Physiol* 2003;285:C1330-C1338
60. Stouffer GA, Hirmerova J, Moll S, Rubery B, Napoli M, Ohman EM, Simpson R: Percutaneous Coronary Intervention in a patient with ITP. *Cathet Cardiovasc Intervent* 2004;61:364-376
61. Goldberg LR, Stouffer GA. Iliac Artery ‘Stress Test’ [Cardiovascular Image]. *Circulation* 2004;109:1802-1803
62. Agrawal M, Wodlinger AM, Huggins CE, Tudor GE, Pieper JA, O’Reilly KP, Denu-Ciocca CJ, Stouffer GA, Ohman EM: Effect of n-acetylcysteine on serum creatinine concentrations in patients with chronic renal insufficiency who are undergoing coronary angiography. *Heart Drug* 2004;4:87-91
63. Osman A, Wasman S, Brizolara A, Otero J, Stouffer GA, Fitzgerald P, Uretsky BF: Effect of Rosiglitazone on restenosis after coronary stenting in type II diabetics. *Am Heart J* 2004;147:e23
64. Stouffer GA, Pathank A, Whinna HC, Ohman EM: Effect of multi-element intravascular ultrasound on the anticoagulant potency of enoxaparin. *Am J Cardiol* 2004;93:1453-1454
65. Mohan S, Stouffer GA, Patterson C: The utility of C reactive protein in the detection of atherothrombotic vascular disease: ready for prime time? *J Thromb Haemost* 2004;2:1238-1239

66. Kelly RV, Cohen MG, Runge MS, Stouffer GA: The no-reflow phenomenon in coronary arteries. *J Thromb Haemost* 2004;2:1903-1907
67. Zhao R, Pathak A, Stouffer GA: β_3 Integrin cytoplasmic binding proteins. *Arch Immunol Ther Exp* 2004;52:348-355
68. McLaughlin DP, Kelly RV, Santa-Cruz RA, Stouffer GA. Renal fibromuscular dysplasia. [Cardiovascular Image]. *Circulation* 2005, 112: e278 - e279
69. Cohen MG, Pascua JA, Garcia-Ben M, Rojas-Matas CA, Berrocal DH, Tan WA, Stouffer GA, Gabay JM, Fernandez AD, Halac ME, Grinfeld LR. A Simple Prediction Rule for Significant Renal Artery Stenosis in Patients Undergoing Cardiac Catheterization. *Am Heart J* 2005;150:1204-1211
70. Stouffer GA, Pathak A, Zhao R, Huang J. Down but not out: New insights into the role of $\alpha_v\beta_3$ integrins in vascular healing. *Arterioscler Thromb Vasc Bio* 2005; 25:1309-1310
71. Kelly RV, Cohen MG, Stouffer GA: Incidence and management of “no-reflow” following percutaneous coronary interventions. *Am J Med Sci* 2005;329:78-85
72. Kelly RV, Crouch E, Krumnacher H, Cohen MG, Stouffer GA: Safety of adjunctive intracoronary thrombolytic therapy during complex PCI: Initial experience with intracoronary TNK. *Cathet Cardiovasc Intervent* 2005;66:327-332
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Local Principal Investigator for the Following Multi-center Clinical Trials

- PARAGON-B - Platelet IIb/IIIa Antagonist for the Reduction of Acute coronary syndrome events in a Global Organization Network
- TACTICS-TIMI 18 – Treat Angina with Aggrastat and determine Cost of Therapy with an Invasive or Conservative Strategy. Thrombolysis In Myocardial Infarction.
- ESPRIT - Enhanced Suppression of the Platelet IIb/IIIa Receptor with Integrilin trial
- PURSUIT - Platelet glycoprotein IIb/IIIa in unstable angina: receptor suppression using integrilin therapy trial
- GUSTO-III - The Global Use of Strategies to Open Occluded Coronary Arteries trial
- CORAL – Cardiovascular Outcomes in Renal Atherosclerotic Lesions trial
- ICE-T TIMI 49 - Evaluating Low-Dose IntraCoronary AdjunctivE Tenecteplase During Primary PCI for ST-Elevation Myocardial Infarction
- COSTAR - Cobalt Chromium Stent with Antiproliferative for Restenosis II
- Xience V Drug Eluting Stent Registry
- Resolute Drug-Eluting Coronary Stent Trial.
- CAPTIVE - CardioShield Application Protects During Transluminal Intervention of Vein Grafts by Reducing Emboli
- FREEDOM - Future REvascularization Evaluation in patients with Diabetes mellitus
- RACE - Reperfusion of Acute Myocardial Infarction in Carolina Emergency Departments
- DAPT - Dual Antiplatelet Therapy Trial
- Symplicity HTN-3 – Renal Denervation in Patients With Uncontrolled Hypertension
- CHI SQUARE - Can HDL Infusions Significantly Quicken Atherosclerosis Regression? A Phase II, Multi-Center, Double-Blind, Ascending Dose, Placebo-Controlled, Dose-Finding Trial of CER-001 or Placebo in Subjects With Acute Coronary Syndrome
- DAL-PLAQUE – A Phase IIIB multicenter, double-blind, randomized, placebo-controlled study, evaluating the effect of treatment with dalcetrapib 600 mg on Atherosclerotic Disease as measured by I. Coronary Intravascular Ultrasound (IVUS) and Quantitative Coronary Angiography II Carotid B-Mode Ultrasound Intima Media Thickness (IMT) and total plaque volume in subjects undergoing coronary angiography who have coronary artery disease
- CORAL - Cardiovascular Outcomes with Renal Atherosclerotic Lesions (CORAL) study
- FREEDOM - Future REvascularization Evaluation in patients with Diabetes mellitus
- TRYTON - Prospective, Single Blind, Randomized Controlled Study to Evaluate the Safety & Effectiveness of the Tryton Side Branch Stent Used With DES in Treatment of de Novo Bifurcation Lesions in the Main Branch & Side Branch in Native Coronaries (TRYTON)
- TIMI 49 - A Safety/Efficacy Study of Intra-coronary Tenecteplase During Balloon Angioplasty to Treat Heart Attacks (ICE T-TIMI49)
- Xience V® Everolimus Eluting Coronary Stent System USA Post-Approval Study (XIENCE V® USA Long Term Follow-up Cohort)
- Medtronic RESOLUTE US Clinical Trial
- Symplicity HTN3 – Renal Denervation in Patients With Uncontrolled Hypertension

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