

## CURRICULUM VITAE

Revised: June 6, 2008

**Name:** William Arthur Cooper

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**Citizenship:** United States

**Current Titles and Affiliations:** Assistant Professor of Surgery  
Division of Cardiothoracic Surgery  
Emory University School of Medicine  
  
Medical Director of Cardiovascular Surgery  
Wellstar Kennestone Hospital, Marietta, GA

### Licensures/Boards:

American Board of Surgery License #45354, Issued 6/7/2000  
American Board of Thoracic Surgery License # 6614 Issued 6/7/2002

### Education:

1986-1992 University of Missouri-Kansas City  
Combined Bachelor of Arts-Biology  
Doctorate of Medicine

### Postgraduate Training:

1992-1995 Emory University-General Surgery  
1997-1999 Emory University-General Surgery  
1999-2001 Emory University-Cardiothoracic Surgery

### Military or Government Service:

United States Army Reserve-1985-Present  
Major-Medical Corps  
Veteran-Operation Iraqi Freedom-2004

**Committee Memberships  
National and International:**

American Heart Association of Greater Metro Atlanta  
Advisory Board-2005-2007

Atlanta Medical Association

Atlanta Technical College  
Foundation Board of Directors-2006

Cobb County Medical Society

Crawford Long Hospital  
Surgical Services Committee-2001-2002  
Infection Control Committee-2001-2003

Georgia State Medical Association

Leadership Atlanta  
Class of 2006

National Medical Association  
Surgical Section

Wellstar-Kennestone Hospital  
Quality Review Committee-Co-Chair 2007-  
Strategic Plan Subcommittee on Quality-2006-  
Medical Care Evaluation Committee-2005-  
Cardiac Outcomes Committee-2005-

100 Black Men of Atlanta  
Chair, Health and Wellness Committee-2004-2007  
Board of Directors, At Large-2006-2008

**Honors and Awards:**

1990	Mortar Board National Honor Society
1991	Alpha Omega Alpha
1992	University of Missouri Chancellor's Scholar

**Fellowship:**

1996-1997	Emory University-Cardiothoracic Surgery
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**Research**

1995-1996	Emory University-Cardiothoracic Surgery Research Laboratory
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### **Society Memberships:**

Society of Thoracic Surgeons  
Workforce on Health Policy, Reform and Advocacy 2004-2007  
Southern Thoracic Surgical Association

### **Clinical Service Contributions:**

Directed the expansion of the Emory Cardiothoracic surgery service to Wellstar-Kennestone Hospital including the planning and implementation of the cardiac surgery service and establishment of the Cardiac Surgery rotation for Emory Cardiothoracic Surgery residents.

### **National Presentations:**

The surgical spectrum of pulmonary neuroendocrine neoplasms. The American College of Chest Physicians Sixty-Fourth Annual International Scientific Assembly, Toronto, Ontario, Canada, November 10, 1998.

Hypothermic circulatory arrest causes multi-system vascular endothelial dysfunction and apoptosis. The Southern Thoracic Surgical Association, Forty-Fifth Annual Meeting, Orlando, Florida, November 14, 1998.

Esophageal Atresia: surgical management. Eggleston Children's Hospital of Emory University, Pediatric Surgery Grand Rounds, February 11, 1998.

The Impact of Renal Disease in Cardiovascular surgery: Emphasis on The African-American Patient. STS 39<sup>th</sup> Annual Meeting, San Diego, California, January 30, 2003.

### **Publications**

1. Thourani, Vinod H; Nakamura, Masanori ;Zhao,Zhi Qing; Duarte, Ignacio G; Jordan, James E; **Cooper, William A**; Guyton, Robert A; Vinten-Johansen, Jakob Specific Adenosine A3 Receptor Stimulation Attenuates Global Ischemic-Reperfusion Injury in a Neutrophil-free model. *Circulation*.96(8S) Supplement:743-I,October 21,1997
2. Thourani VH. Pettitt BJ. Schmidt JA. **Cooper William A** ,Rozycki GS. Validation of surgeon-performed emergency abdominal ultrasonography in pediatric patients. *Journal of Pediatric Surgery*. 33(2):322-8, 1998 Feb.
3. Mansour KA. Thourani VH. **Cooper William A**. As originally published in 1989: Esophageal carcinoma: surgery without preoperative adjuvant chemotherapy. Updated in 1998. *Annals of Thoracic Surgery*. 65(5):1492-3, 1998 May.

4. Gott JP. **Cooper William A.** Schmidt FE Jr.. Brown WM 3<sup>rd</sup>. Wright CE. Merlino JD. Fortenberry JD. Clark WS. Guyton RA. Modifying risk for extracorporeal circulation: trail of four anti-inflammatory strategies. *Annals of Thoracic Surgery.* 66(3):747-53; discussion 753-4, 1998 Sept.
5. Miller JI. **Cooper William A.** Surgical treatment of aspergillosis. In: Franco KL, Putman JB, eds. *Advanced therapy in thoracic surgery.* Hamilton, London: B.C. Decker, 1998:293-299.
6. Thourani VH. Feliciano DV. **Cooper William A.** Brandy KM. Adams AB. Rozycki GS. Symbas PN. Penetrating cardiac trauma at an urban trauma center: a 22-year perspective. 65(9):81106; discussion 817-8, 1999 Sept.
7. **Cooper William A.** Miller JI. Jejunal interposition for esophageal replacement. *Operative Techniques in Thoracic and Cardiovascular Surgery: A Comparative Atlas.* 4(3):239-51, 1999 Aug.
8. **Cooper William A.** Duarte IG. Thourani VH. Nakamura M. Wang NP. Brown WM 3<sup>rd</sup>. Gott JP. Vinten-Johansen J. Guyton RA. Hypothermic circulatory arrest causes multisystem vascular endothelial dysfunction and apoptosis. *Annals of Thoracic Surgery.* 69(3):696-702; discussion 703, 2001 Mar.
9. **Cooper William A.** Miller JI Jr. Management of bronchopleural fistula after lobectomy. *Seminars in Thoracic & Cardiovascular Surgery.* 13(1):8-12, 2001 Jan.
10. **Cooper William A.** Thourani VH. Gal AA. Lee RB. Mansour KA. Miller JI. The surgical spectrum of pulmonary neuroendocrine neoplasms; *Chest.* 119(1):14-8, 2001 Jan.
11. Ignacio G. Duarte, Malcolm J. MacDonald, **Cooper William A,** Susan L. Schmarkey, John Parker Gott, W. Morris Brown, III, Jakob Vinten-Johansen, and Robert A. Guyton In vivo hemodynamic, histologic, and antimineralization characteristics of the Mosaic bioprosthesis *Ann. Thorac. Surg.,* Jan 2001; 71: 92 - 99.
12. **Cooper William A, MD,** Brinkman William , MD, Petersen Rebecca J, RN,BA and Guyton Robert A, MD: Impact of Renal Disease in Cardiovascular Surgery: Emphasis on the African-American Patient., *The Annals of Thoracic Surgery* Jan 2003;76:S1370-6
13. **Cooper, William A,** Joel S. Corvera, Vinod H. Thourani, John D. Puskas, Joseph M. Craver, Omar M. Lattouf, and Robert A. Guyton Perfusion-assisted direct coronary artery bypass provides early reperfusion of ischemic myocardium and facilitates complete revascularization *Ann. Thorac. Surg.,* Apr 2003; 75: 1132 – 1139
14. Taneka, Kenichi A. M.D.\*; Waly, Amr A. M.D.; **Cooper, William A. M.D.;** Levy, Jerrold H. M.D. Treatment of excessive bleeding in Jehovah's Witness patients after cardiac surgery with recombinant factor VIIa(NovoSeven). *Anesthesiology.* 98(6):1513-5, 2003 June
15. Covera JS, Morris CD, Budde JM, Velez DA, Puskas JD, Lattouf OM, **Cooper William A,** Guyton RA, and Vinten-Johansen J. Pretreatment with phenoxybenzamine attenuates the radial

- artery's vasoconstrictor response to adrenergic stimuli J. Thoracic. Cardiovascular. Surg., Nov 2003; 126: 1549 – 1554.
16. Faraz Kerendi, MD, John D. Puskas, MD, MS\*, Joseph M. Craver, MD, **Cooper William A MD**, Ellis L. Jones, MD, Omar M. Lattouf, MD, PhD, J. David Vega, MD, Robert A. Guyton, MD  
Emergency Coronary Artery Bypass Grafting Can Be Performed Safely Without  
Cardiopulmonary Bypass in Selected Patients. The Annals of Thoracic Surgery. Feb  
2005;79:801-806
  17. Halkos, Michael E, **Cooper William A MD**, Peterson, Rebecca RN, Puskas, John D MD,  
Lattouf, Omar M MD, Craver, Joseph M MD, Guyton, Robert A MD; Early Administration of  
Clopidogrel Is Safe after Off-Pump coronary Artery Bypass Surgery. Ann Thorac Surg 2006; 81  
815-819
  18. **Cooper, William, MD\***, O'Brien Sean, PhD<sup>^</sup>, Thourani, Vinod H, MD\*, Guyton Robert A. MD\*,  
Bridges, Charles R., MD, ScD †, Szczech, Linda A. MD, MSCE, Petersen, Rebecca RN\*,  
Peterson, Eric D., MD, MPH. The impact of Renal Dysfunction on Outcomes of Coronary Artery  
Bypass Surgery: Results from the Society of Thoracic Surgeon's National cardiac Database.  
Circulation; September 2005