

July 5, 2013

**Linda J. Bogar, MD, FACS, FACC, FCCP**

**Home Address:** Virginia

**Office Address:** 2921 Telestar Court, Suite 140  
Falls Church, VA 22042  
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**EDUCATION:**

1985-1989 BA, Washington & Jefferson College (Chemistry/Pre-Medicine); Washington, PA

1989-1993 MD, Temple University School of Medicine; Philadelphia, PA

**POSTGRADUATE TRAINING:**

1993-2000 Resident in Surgery, Temple University Hospital, Philadelphia

1996-1998 Research Fellow, Dept of Surgery, Temple University School of Medicine, Philadelphia

2000-2001 Cardiothoracic Transplant Fellow, Temple University Hospital, Philadelphia

2001-2004 Cardiothoracic Surgery Resident, Thomas Jefferson University Hospital, Philadelphia

**FACULTY APPOINTMENTS:**

12/17/2012-present Staff Cardiac Surgeon, Inova Alexandria Hospital, Alexandria, VA

1/7/2013-present Staff Cardiac Surgeon, Inova Fairfax Hospital, Falls Church, VA

6/10/13-present Staff Cardiac Surgeon, Washington Adventist Hospital, Takoma Park, MD

7/1/2004-12/12/12 Assistant Professor of Surgery, Division of Cardiothoracic Surgery  
Thomas Jefferson Medical College, Philadelphia, PA

10/2004-12/12/12 Staff Cardiac Surgeon, Department of Surgery  
Albert Einstein Medical Center, Philadelphia, PA

**HOSPITAL AND ADMINISTRATIVE APPOINTMENTS:**

12/17/2012-present Chief of Cardiac Surgery, Inova Alexandria Hospital, Alexandria, VA

8/23/2010-12//2012 Surgical Director, Heart Transplant and Mechanical Circulatory Support Program  
Thomas Jefferson University Hospital

5/10/2007-6/4/2012 Associate Chair, Division of Cardiac Surgery  
Albert Einstein Medical Center

11/2009-12/2012 Surgical Director of the Ventricular Assist Program  
Albert Einstein Medical Center

7/2005-10/2008 Assistant Program Director, Cardiothoracic Surgery Residency Program  
Thomas Jefferson University Hospital

1/2007-1/2010 Associate Surgical Director of The Aortic Center  
Thomas Jefferson University Hospital

**CERTIFICATIONS:**

Gift of Life Certified for Heart and Lung organ procurement, 2001

ACLS certification, October 2012

American Board of Surgery, October, 2002: Certificate No. 047632

American Board of Thoracic Surgery , June, 2005: Certificate No. 7029

**LICENSURE:** Medical Physician and Surgeon License  
Pennsylvania, 1996-present, MD057767-L  
Virginia, 12/2012-present, 0101253067  
Maryland, 2/3013-present, D0075413

**AWARDS AND HONORS:**

Cum Laude graduate, 1989  
Alpha Omega Alpha, 1993  
Christopher Voluntad Memorial Fund created in my name to benefit the Department of Surgery, Thomas Jefferson University Hospital, 2006 through present

**PROFESSIONAL ACCOMPLISHMENTS:**

Successfully initiated and headed the implantable Ventricular Assist Device Program at Albert Einstein Medical Center with the first implant June, 2010  
Obtained Joint Commission Certification for the Ventricular Assist Device Program at Albert Einstein Medical Center, September, 2011  
Successfully obtained the 2 year Recertification for the Ventricular Assist Device Program at Jefferson, 9/2011

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:**

Fellow, American College of Surgeons  
Fellow, American College of Cardiology  
Fellow, American College of Chest Physicians  
International Society of Heart and Lung Transplantation  
Society of Thoracic Surgeons  
Women in Thoracic Surgery  
American Society for Artificial Internal Organs

**PROFESSIONAL AND SCIENTIFIC COMMITTEES:**

STS National Patient Information Task Force, a task force of the STS Workforce on Media Relations and Communications, Member August 2009 – 2010  
OPTN/UNOS National Thoracic Transplantation Committee: Region 2 Representative July 10, 2012-present  
OPTN/UNOS Heart Regional Review Board Chairperson October 1, 2012 - present

**EDITORIAL/REVIEWER POSITIONS:**

Contributing Reviewer, "Practical Reviews: Cardiology" a monthly written and audio CME review, 2008-2011.

**SPECIALIZED COURSES/TRAINING:**

Novotherapies Endograft Symposium – Arizona Heart Institute 11/11-13/2005  
Novocor ventricular assist device training course – University of Pittsburgh 2005  
Gore thoracic endograft training program – U of Penn 3/16-17/2006  
Jarvik Assist Device Surgical training course – The Texas Heart Institute 8/14-15/2006  
Heartmate 2 LVAD training – Ann Arbor, MI 6/23-24/2008  
Abiomed Impella training – New Brunswick, NJ 4/27/10  
Heartware LVAD surgical training – Louisville, KY 2/14/13

**LECTURES BY INVITATION:**

Cardiology Grand Rounds at Albert Einstein Medical Center, Phila, PA “Ventricular Assist Devices” 2/9/2005  
Guest on Local PA/NJ radio talk show, “Let’s talk about it” regarding heart health, 2/22/2005  
Invited Lecture to U.S. Mint employees, Philadelphia, PA “Heart Health” 3/29/2005  
Internal Medicine Grand Rounds (CPC) at Albert Einstein Medical Center, “Aortic Dissection Case”, 11/30/2005  
“Heart Health Update” a lecture given to the lay public at Albert Einstein Medical Center, 2/16/2006  
Lecture at The National Temple Church of the Living God for their women’s group “Women’s Heart Health”, 4/8/2006, Philadelphia, PA  
Trauma Conference at Albert Einstein Medical Center (CME accredited), “The Use of Cardiopulmonary Bypass for Hypothermia”, 4/5/2006  
Invited speaker, Women’s Health Symposium: Gender Differences, “Gender Differences in Cardiac Surgery”, Blue Bell, PA, 3/8/2008  
“Women and Heart Health” lecture given to Albert Einstein employees as part of “heart month” activities, 2/23/2010  
Invited speaker to Gift of Life heart transplant support group, Philadelphia, PA, “How to do a Heart Transplant”, 5/2010  
Invited lecturer to Cardiology faculty and fellows at The Deborah Heart Institute, Browns Mills, NJ, “Indication for Implantable Ventricular Assist Devices”, June 2010  
Cardiology Grand Rounds at Albert Einstein Medical Center, “Ventricular Assist Devices: An Update”, 2/9/2011  
Invited speaker to Heart transplant support group at Thomas Jefferson, “How to do a Heart Transplant”, 3/15/2011  
Invited speaker at Heart and Vascular Service Line conference, “ECMO and LVADS”, 3/31/2011  
Medical Student Lecture for Surgical rotation, Thomas Jefferson Medical College, “Cardiac Surgery in an Hour: Everything You Always Wanted to Know But Were Afraid to Ask”, 2/17/2012  
Invited speaker, Thoratec Go Red for Women Heart lecture, “The use of MCS for advanced Heart Failure Patients”, Philadelphia, February 22, 2012  
E. Berry Hey MD Annual **Keynote Lecture**, The Reading Hospital 9<sup>th</sup> Annual Cardiovascular Symposium, “Implantable LVADs: Expanding Options for Heart Failure”, Reading, PA, May 12, 2012  
Invited speaker, “Ask the Expert Panel Discussion” for Gift of Life’s Organ and Tissue Donation Champion Learning Session. Gift of Life Offices, Philadelphia, PA, August 23, 2012.  
Cardiology Grand Rounds at Thomas Jefferson University Hospital, Philadelphia, PA “Implantable LVADs: Expanding Options for Heart Failure”, 9/28/2012  
Invited speaker at The 2013 Mid-Atlantic VAD and ECMO Symposium (MAVES), “The Changing Landscape of LVAD Management: What Have We Learned?”, Inova Fairfax Hospital, Falls Church, VA, April 13, 2013.

**BIBLIOGRAPHY:**

**Publications, peer reviewed:**

Roth, J.V., **Barth, L.J.**, Womak, L.H., Morgenlander, L.E. “Evaluation of Two Commercially Available Carbon Dioxide Sampling Nasal Cannulae”, Journal of Clinical Monitoring, 10:237-243, 1994.

**Bogar, L.J.**, Bartula, L.L. and Myers, S.I. “Enhanced Bradykinin-Stimulated Prostaglandin Release in the Acutely-Inflamed Guinea Pig Gallbladder is Due to New Synthesis of Cyclooxygenase-1 and Prostacyclin Synthase”, Journal of Surgical Research. 84:71-76, 1999.

Parkman, H.P., **Bogar, L. J.**, Bartula, L. L., Pagano, A. P., Thomas, R. M. and Myers, S. I. “Effect of Experimental Acalculous Cholecystitis on Gallbladder Smooth Muscle Contractility”, Digestive Diseases and Sciences. 44(11):2235-2243, 1999.

Parkman, H.P., James, A.N., **Bogar, L.J.** et al. “Effect of Acalculous Cholecystitis on Gallbladder Neuromuscular Transmission and Contractility”, Journal of Surgical Research. 88:186-192, 2000.

Pechet, T.V., **Bogar, L.**, and Grunwald, Z. “Anesthetic Considerations for Thoracic Trauma”, Seminars in Cardiothoracic and Vascular Anesthesia. 6(2): 95-103, 2002.

Yamane K, Hirose H, Youdelman B, **Bogar L**, Diehl J. “Conventional Aortic Valve Replacement for Elderly Patients in the Current Era”, Circulation Journal. 75(11):2692-2698, 2011.

Hirose H, Yamane K, Tabata S, Lusardi M, **Bogar L**, Diehl JT. “Rigid Sternal Fixation Improves Postoperative Recovery”, The Open Cardiovascular Medicine Journal. 5:148-152, 2011.

Yamane, K., **Bogar, L.**, DiMuzio, P., Cowan, S., Hirose, H., Evans, N., Rao, A., Eisenberg, J., Cavarocchi, N., “Contained Rupture of a Pseudoaneurysm of the Descending Thoracic Aorta Related to Remnant Outflow Graft of Left Ventricular Assist Device After Heart Transplantation.” Annals of Thoracic Surgery. 94:1345-8, 2012.

Chhabra, S., **Bogar, L.**, DeCaro, M., Cohen, I. “Complex Mitral Valve Endocarditis Involving a Left Atrium False Tendon.” Journal of the American College of Cardiology: Images in Cardiology. 60(20):2330, 2012.

Yamane, K., Hirose, H., **Bogar, LJ.**, Cavarocchi, NC., Diehl, JT. “Surgical Treatment of Infective Endocarditis in Patients undergoing Chronic Hemodialysis.” Journal of Heart Valve Disease. 21:774-82, 2012.

Chandra, A., Pradhan, R., Kim, F., Frisch, D., **Bogar, L.**, Bonita, R., Cavarocchi, N., Greenspon, A., Hirose, H., Pitcher, H., Rubin, S., Mather, P. “Recurrent Orthostatic Syncope due to Left Atrial and Left Ventricular collapse after a Continuous-Flow Left Ventricular Assist Device Implantation” Journal of Heart and Lung Transplantation. 32:129-133, 2013.

Sarosiek, K., **Bogar, L.**, Conn, M., O’Hare, B., Hirose, H., Cavarocchi, N. “An Old Problem with a New Therapy: Gastrointestinal Bleeding in Ventricular Assist Device Patients and Deep Overtube-Assisted Enteroscopy” ASAIO Journal. 59:384-389, 2013.

**Publications accepted, not yet in print:**

Irizarry, A., Salomone, N., Chojnacki, K., Yeo, C., Cowan, S., **Bogar, L.** “Dr. Mary Edwards Walker: Years Ahead of Her Time” Accepted for publication in American Surgeon.

**Abstracts:**

Bartula, L., Campbell, C., **Bogar, L.**, Milner, R., Turnage, R., and Myers, S.I. "Endotoxin Challenge Following Intestinal Ischemia/Reperfusion (I/R) Upregulates Superior Mesenteric Artery iNOS Content". Presented at the Twentieth Annual Conference on Shock, Indian Wells, California, June 15-18, 1997

Myers, S.I., **Bogar, L.**, Bartula, L., and Kalley, B. "Interleukin-1 $\beta$  (IL-1 $\beta$ ) Regulates Bradykinin (BK) Stimulated Rabbit Gallbladder Eicosanoid Release". Presented at the 1997 American Gastroenterological Association Meeting, Washington, D.C., May 10-16, 1997.

**Bogar, L.**, Bartula, L., Kalley, B. and Myers, S.I. "Acute Inflammation and Interleukin1 $\beta$  (IL-1 $\beta$ ) Up-regulates Gallbladder Eicosanoid (PG) and Nitric Oxide (NO) Release". Presented at the 1997 American Gastroenterological Association Meeting, Washington, D.C., May 10-16, 1997.

**Bogar, L.**, Bartula, L., Milner, R., Riva Seelig, A., Turnage, R., Myers, S.I. "Actinomycin-D Combined with N formyl-met-leu-phe (FMLP) Up-regulates Rabbit Gallbladder Leukotriene Release". Presented at the Fifty-Ninth Annual Society of University Surgeons Meeting-Resident's Section, Milwaukee, WI, February 12-14, 1998.

**Bogar, L.**, Bartula, L., Parkman, HP, Myers, SI. "Common Bile Duct Ligation (BDL) Up-regulates Guinea Pig Gallbladder (GB) Eicosanoid Release and Synthesis". Presented at the 1998 American Gastroenterological Association Meeting, New Orleans, LA, May 16-22, 1998.

Parkman, HP, **Bogar, L.**, Bartula, L., Pagano, AP, Thomas, RM, Myers, SI. "Effect of Experimental Acalculous Cholecystitis on Gallbladder Smooth Muscle Contractility." Presented at the 1998 American Gastroenterological Association Meeting, New Orleans, LA, May 16-22, 1998.

**Bogar, L.**, Badellino, M., Dempsey, D., Turnage, R., Bartula, L., Seelig, A., Milner, R., and Myers, SI. "Endotoxin (LPS) Following Intestinal Ischemia/Reperfusion Decreases Superior Mesentery Artery (SMA) Blood flow (BF)". Presented at the Twenty-First Annual Conference on Shock, San Antonio, TX, June 1998.

Seelig, A., **Bogar, L.**, Turnage, R., Bartula, L., Milner, R., Myers, SI. "Intestinal Ischemia/Reperfusion (II/R) Followed by Secondary Endotoxin (LPS) Challenge Decreases Renal Blood Flow (RBF) and Renal Cortical iNOS Content". Presented at the Twenty-First Annual Conference on Shock, San Antonio, TX, June 1998.

Bartula, L., **Bogar, L.**, Dempsey, D., Seelig, A., Milner, R., Badellino, M., and Myers, SI. "Renal Blood Flow and Eicosanoid Release in Rats on Long Term TPN". Presented at the Twenty-First Annual Conference on Shock, San Antonio, TX, June 1998.

**Bogar, L.**, Bartula, L., Myers, SI. "Enhanced Bradykinin-Stimulated Prostaglandin (PG) Release in the Acutely-Inflamed Guinea Pig (GP) Gallbladder (GB) is Due to New Synthesis of Cyclooxygenase (COX) and Prostacyclin Synthase (PS)". Presented at the Thirty-Second Annual Meeting of The Association for Academic Surgery, Seattle, WA, November 19-22, 1998.

Hager ES, BA Youdelman, SE McIlhenny, **LJ Bogar**, SC Silvestry, JT Diehl. Type A Aortic Dissection Repair: Factors that increase morbidity and mortality. Presented at the Pennsylvania Association for Thoracic Surgery, Amelia Island, Florida, October 2008.

Yamane, K, JT Diehl, **LJ Bogar**, SC Silvestry, H Hirose, BA Youdelman, G Whitman. Redo Aortic Root Replacement for Early Prosthetic Valve Endocarditis Complicated with Pseudoaneurysm and Fistula between the Left Ventricular Outflow and the Right Atrium. Presented at the Pennsylvania Association for Thoracic Surgery, Amelia Island, Florida, October 2008.

Youdelman BA, E Hager, SE McIlhenny, MM Rosen, **LJ Bogar**, SC Silvestry, GJ Whitman, JT Diehl. Acute type A aortic dissection: Impact of socioeconomic status. Presented at the American College of Surgeons 2008 Clinical Congress, San Francisco, California 2008.

Carolyn Van Why MD<sup>1</sup>, Natalie Pierson BSN<sup>1</sup>, Colleen Flanagan BSN<sup>3</sup>, Anne Canny MSN<sup>1</sup>, Jill Bilkins BSN<sup>3</sup>, Stephanie Cozzi BSN<sup>1</sup>, Melissa Connolly BSN<sup>3</sup>, Elizabeth Shore MSW<sup>3</sup>, Sharon Rubin MD<sup>1</sup>, Scott Silvestry MD<sup>2</sup>, David Whellan MD<sup>1</sup>, **Linda Bogar MD<sup>2</sup>**, Paul J. Mather MD<sup>1</sup> Barriers to Heart Transplantation: One Urban Center's Findings. Presented at the Heart Failure Society of American Annual Meeting, Boston, MA, September 2009.

Harrison, M., Cowan, S., Hirose, H., **Bogar, L.**, Evans, N., Cavarocchi, N. "Successful Patient Management of Massive Hemoptysis on Veno-Arterial Extra-corporeal Membrane Oxygenation (V-A ECMO)" Critical Care Medicine. (supplement) 39(12):244, December 2011

Yamane, K., Hirose, H., **Bogar, L.**, Cavarocchi, N., Rao, A., Eisenberg, J., Cowan, S., Evans, N. "Pseudoaneurysm of the Descending Aorta Related to Remnant Outflow Graft of a Ventricular Assist Device After Heart Transplantation." Presented at Annual Chest Meeting, Honolulu, Hawaii, October 2011.

Karia, D., **Bogar, L.**, Dunlop, M. et al. "Novel Use of Simulation Lab to Educate 'Rapid Response Teams' about differences in ACLS algorithms in patients with Heartmate II LVAD". Presented at the International Meeting of ISHLT, Prague, April 2012.

Sarosiek, K., **Bogar, L.**, Hirose, H., Pitcher, H., Ebert, B., Cavarocchi, N. "An Old Problem with a New Therapy: GI Bleeding in VAD patients and Deep Bowel Enteroscopy (Double Balloon/Spiral Enteroscopy)". Presented at the International Meeting of ISHLT, Prague, April 2012.

Wong, J., Siow, V., Smith, T., Pitcher, H., **Bogar, L.**, Hirose, H., Cavarocchi, N. "Recovery of End-Organs and Improved Mortality in Adult Patients on ECMO" Poster presentation at the ASAIO meeting in San Francisco, CA, June 13-16, 2012.

Sariosek, K. **Bogar L.**, Hirose, H., Pitcher, H., Cavarocchi, N. "Out with the old and in with the new: A new algorithm for treatment of GI bleeding in VAD patients." Oral presentation at the ASAIO meeting in San Francisco, CA., June 13-16, 2012.

Kong, HM, Tababta, S, Yamane, K, **Bogar, L**, Diehl, JT and Hirose, H. "Postoperative Sternal Pain After Cardiac Surgery: a Pilot Study of Randomization Rigid vs Conventional Wire Closure." Presented at the Annual CVT Critical Care Conference, Washington, DC, October 4-6, 2012.

Rizzi, C., **Bogar, L.**, Jenoff, J., Cavarocchi, N., Hirose, H. "Percutaneous Gastrostomy (PEG) Tube Placement in Patients with Continuous Flow Left Ventricular Assist Device (LVAD)." Presented at the Annual CVT Critical Care Conference, Washington, DC, October 4-6, 2012.

Sarosiek K, **Bogar L**, Hirose H, Harrison P, Cavarocchi N. "Shouldn't we change as technology changes? A new algorithm for diagnosis and treatment of GI bleeding in VAD patients." Presented at 50th Annual Meeting of the Eastern Cardiothoracic Surgical Society, Naples, FL, October 4-6, 2012.

Kong HM, Tabata S, Yamane K, Lusardi, M, **Bogar L**, Guerraty A, Diehl JT, Hirose H. "Sternal pain after rigid fixation: a pilot study of randomization rigid versus conventional wire closure." Presented at Chest 2012, Atlanta GA, October 20-25, 2012.

**Bogar L**, Durinka J. Banyosi A., Pae W., Hirose H., Cavarrochi N. "We Came, We Cannulated, We Decided: ECMO To Implantable Mechanical Circulatory Support". Presented at The ASAIO 59<sup>th</sup> Annual Conference, Chicago, IL, June 12-15, 2013.

**Book Chapters:**

Halpern, E. "Clinical Cardiac CT: Anatomy and Function" , 2<sup>nd</sup> edition. Chapter 8: Bypass Grafts. **LJ Bogar, S Fuller, JT Diehl.** 2011

**Alternative Media:**

**Online Journals:**

Yamane, K., **Bogar, L.**, Tabata, S., Hirose, H. "Thoratec HeartMate II Left Ventricular Assist Device Implantation in Patient with Patent Ventriculoperitoneal Shunt". Annals of Thoracic and Cardiovascular Surgery 2012; 18: 366-369.

**Audio and Written CME:**

"Smoking Adversely Affects Lung Function After CABG Surgery" **Bogar L.** Practical Reviews in Cardiology: 33-6 October 15, 2008

"Treating Afib During Mitral Valve Surgery Improves Outcomes" **Bogar L.** Practical Reviews in Cardiology: 33-9 (2) December 15, 2008

"Can HbA1c Levels Predict Outcomes of CABG?" **Bogar L.** Practical Reviews in Cardiology: 33-11 January 30, 2009

"High-Cognitive Patients Can Safely Undergo Cardiac Surgery Using DHCA" **Bogar L.** Practical Reviews in Cardiology: 34-02 April 30, 2009

"Prophylactic Perioperative Dialysis Could Benefit Some Patients" **Bogar L.** Practical Reviews in Cardiology: 34-6 July 30, 2009

“Perform AVR at CABG Only in Highly Selected Patients” **Bogar L.** Practical Reviews in Cardiology: 35-01  
December 30,2009

“Ventricular Assist Devices: An Update” **Bogar L.** audio-only guest speaker . Practical Reviews in  
Cardiology: March 2011

**Research Study Participation:**

Jarvik 2000 LVAD as bridge to transplant – PI of Jefferson site for multi-center trial 9/2010 – 6/2012

Jarvik 200 LVAD as bridge to transplant: continuing review, PI of Jefferson site 2/2012-12/2012

INTERMACS data registry – PI of Jefferson site for multi-center database 9/2010 – 12/2012

INTERMACS data registry – PI of Einstein site for multi-center database 5/2010 – 12/2012