

**Omar M. Lattouf**

6th Floor, Medical Office Tower  
550 Peachtree St. NE  
Atlanta, GA 30308-2225  
Phone: 404.686.2513  
Fax: 404.686.4959

**Omar M. Lattouf, M.D. Ph.D**  
**Curriculum Vitae**

*Revised: 02/12/2007 OL*

U.S. citizen, naturalized June 23, 1989

**Current Titles and affiliations:**

*Clinical appointments:*

Staff Surgeon, Emory University Hospital; July 2000  
Staff Surgeon, Crawford Long Hospital; July 2000  
Staff Surgeon, Amman Surgical Hospital; June 1994  
Staff Surgeon, Al-Khalidi Medical Center; June 1994  
Staff Surgeon, Specialty Hospital; June 1994  
Staff Surgeon, Jordan Hospital; June 1994  
Staff Surgeon, The Arab Heart Center; June 1994  
Staff Surgeon, Ibn Al-Haytham Hospital; June 1994

*Administrative appointments:*

Associate Director Cardiothoracic Residency Program; January 2001

**Previous Academic and Professional Appointments:**

Associate Professor of Surgery, Cardiothoracic  
Emory University School of Medicine  
Atlanta, Georgia  
2006- Current

Assistant Professor of Surgery, Cardiothoracic  
Emory University School of Medicine  
Atlanta, Georgia  
1998-2000

Clinical Assistant Professor of Surgery, Department of Surgery  
University of Jordan School of Medicine  
Amman, Jordan  
1992-1994

Assistant Professor of Surgery  
Medical College of Georgia  
Augusta, Georgia

**Previous Administrative and Clinical Appointments:**

2000-2002

Staff Surgeon

VA Medical Center

Atlanta, Georgia

1998-2000

Staff Surgeon, Jordan University Hospital

Amman, Jordan

1991-1994

Staff Surgeon

Rockdale County Hospital

Conyers, Georgia

1990-1994

Staff Surgeon

St. Joseph's Hospital

Atlanta, Georgia

1990-1993

Chief of Cardiac Surgery

Georgia Baptist Medical Center

Atlanta, Georgia

1990-1994

Staff Surgeon

Dekalb Medical Center

Decatur, Georgia

1988-1994

Staff Surgeon

Piedmont Hospital

Atlanta, Georgia

1988-1990, 1993-1994

Staff Surgeon

Crawford Long Hospital

Atlanta, Georgia

**Licensure/Boards:**

Georgia Medical Board Physician

#023473; April 1982

**Specialty Boards:**

Jordan Board of Surgery

1986

American Board of Surgery

#31846; December 1986

American Board of Thoracic Surgery

#4830; 1998

**Education:**

September 1977-June 1980

Doctor of Medicine

Emory University School of Medicine

Atlanta, Georgia

September 1974-June 1977

Master of Science and Doctor of Philosophy in Anatomy

Emory University

Atlanta, Georgia

January 1973-June 1974

Bachelor of Science in Biology

Emory University, Atlanta, Georgia

September 1972-December 1972

University of Tennessee

Knoxville, Tennessee – USA

September 1970-June 1972

Hiwassee College

Madisonville, Tennessee – USA

**Postgraduate Training:**

Emory University Affiliated Hospital

Atlanta, Georgia - USA

July 1980-June 1985

Under Dr. W Dean Warner

Emory University Affiliated Hospital

Atlanta, Georgia – USA

Fellowship in Cardiothoracic Surgery

Fellowship in Cardiac Transplantation

July 1985- June 1998

Under Dr. Charles Hatcher

Jarvik –7 Artificial Heart Training, Symbion, Inc.

Salt Lake City, Utah – USA

July 30, 1986 – August 1, 1986

Vanderbilt University

August 30- September 4, 1987

Under Dr. William Frist

International Forum on Organ Transplantation

Pittsburgh; Pennsylvania

September 7-11, 1987

Stanford University

Palo Alto, California

September 14-18, 1987

Under Dr. Norman Shumway

Jarvik Principle Investigators Meeting  
Minneapolis, Minnesota  
September 30-October 1, 1987  
International Conference on Heart Assist Devices and Heart Replacement  
The Minneapolis Heart Institute Foundation  
Minneapolis, Minnesota  
October 1-3, 1987

**Committee Memberships:**

National and International:

Society of Thoracic Surgeons, Information Technology Committee, 2001-current. Member.

Society of Thoracic Surgery. National Adult Cardiac Database Participant.

National Arab American Medical Association; Chair of Education and Telemedicine Committee, 2001

Jordan Board of Thoracic Surgery. Member 1994-2000.

Arab Society of Telemedicine. Secretary General. 1996-2004.

Association of Arab Medical Institutions. Founding Member. 1998-2002.

Regional and State:

Medical Association of Georgia, Founding Member, International Medical Section. 2002-2004.

Barry University School of Graduate Medical Sciences. Adjunct Faculty, 2004-2005.

Institutional:

Cardiothoracic Research Committee, Member 2000-current.

Morbidity and Mortality Committee, Member 2000-current.

Emory Center for Cardiothoracic Device Development. Concept organizer. In early development phase.

**Consultantships:**

Bristol-Myers Squibb Company US Edifoligide Advisory Board  
2004

Cardiogenesis Corporation  
Foothill Ranch, California  
2001-2004

Johnson and Johnson Topiramate Advisory Board  
Philadelphia, Pennsylvania  
2002

Guidant Epi-Cardiac Left Ventricle Lead Technology  
Minneapolis, Minnesota  
2002

Medtronic Advisory Board on Thoracic Biventricular Lead Technology  
Memphis, Tennessee  
2002

**Training Workshops:**

Advanced Surgical Ablation Techniques Lab  
Medtronic  
Minneapolis, MN, August 26, 2005  
Advanced Mitral Valve Repair  
Edwards Life Sciences LLC  
Atlanta, GA, September 12-13, 2005

**Honors and Awards:**

Who's Who Amongst American Junior Colleges; 1972  
Alpha Omega Alpha; 1979

**Society Memberships:**

National Arab American Medical Association; Current President of Georgia Chapter  
Association of Arab Medical Institutions, Director, 2000-2001  
Arab Society of Telemedicine, Secretary General; 1998-2001  
Arab American Medical Association; 1988  
Fellow-American College of Surgeons  
International Society of Heart Transplantation  
Society of Thoracic Surgeons  
Medical Association of Georgia

**Organization of National or International Conferences:***International Symposium*

American International Medical Summit on Biotherapeutics and Medical Design.  
September 18-20, 2006. Chairman. Atlanta, Georgia

*National Conference*

Thoracoscopic Approach and Indications for Biventricular Pacing. February 24-26, 2006. Invited speaker. Florida Society of thoracic & Cardiovascular Surgeons. Jacksonville, Florida.

*National Conference*

Thoracoscopic Resynchronization Therapy; Five year follow up. January 28, 2006. Invited speaker: TechCon of the Society of Thoracic Surgeons  
Chicago, Illinois

*International Symposium*

Medical Care in 2004: A Journey Across Cultures; June 28-July 2, 2004  
Presentation: Quality Indicators & Measures in Medical Care, Beirut, Lebanon

*International Symposium*

ISCTS The XIV World Congress Evidence Based Surgical Strategies to Revascularize Ischemic Myocardium Not Amenable for Percutaneous Intervention or Surgical Revascularization Utilizing Holmium Yag Laser Device; October 11-15, 2004, Xian, China

The XII World Congress on Cardiac Pacing and Electrophysiology. February 2003. Hong Kong, China. Chair: Oral Abstract Session: Pacing-CRT, Clinical Issues

*International Symposium*

Global Healthcare: An emerging Reality; September 3-5, 1994

Noga Hilton, Switzerland

Program Director.

*II International Symposium*

Myocardial Preservation: Looking Towards the 21<sup>st</sup> Century; October 7-8, 1994

Chicago, Illinois

Program Director

*National Focus Group*

Exploring the Feasibility of forming an International Health Care Alliance: July 1993

Atlanta, Georgia

Program Director

*International Symposium*

Medical Communication in the 21<sup>st</sup> Century: A New Global Outlook; April 20-21, 1992

Carter Presidential Center, Atlanta, Georgia

Program Director

*International Symposium*

Myocardial Preservation: Current Technology and Future Trends; October 16-17, 1992

Atlanta Georgia

Program Director

**Research focus:**

Research focus is directed in the areas of developing new methods and devices for the prevention and treatment of organ failure with specific focus on the heart, kidney and brain, utilizing minimally invasive methodology. Actively involved in assessing the potential role of a Mobile Learning System in enhancing educational opportunities for healthcare providers in the USA and internationally.

**Patents**

*Pending:*

1. Needle-Suture Combination and Method of Use
2. Treatment for Patient with Congestive Heart Failure. (*Favorable USPTO office action received, anticipate patents to be issued*)
3. System and Method for Practicing Counter-Cardiac Retrograde Perfusion.

**Grant Support:**

*Active Support:*

1. Emory's Principal Investigator. A Phase III, Multi-Center Randomized, Double-Blind, Placebo-Controlled Trial of the Ex Vivo Treatment with CGT003 of Coronary Vein Grafts in Patients Undergoing Coronary Artery Bypass Graft Procedures (The Prevent IV Study).

Sponsor: Corgentech, Inc.

Grant Dates: 2002-2007

Grant Amount: \$50,815

2. Emory's Primary Investigator. Reduced ON-X Morbid Events (ROME).  
The ON-X Prosthetic Heart Valve.

Sponsor: Medical Carbon Research Institute

Grant Dates: 2001-2007

Grant Amount: \$82,875

3. Emory's Principal Investigator. Easytrak Epi Clinical Investigation.

Sponsor: Guidant Corporation.

Grant Dates: 2005-2007

Grant Amount: \$73,645

*Previous Support:*

1. Emory's Primary Investigator. "Phase I, Double blind, placebo controlled multi-center study of Ad2/Hypoxia inducible factor (HIF-1 $\alpha$ /VP16) gene transfer administered by intramyocardial injection during coronary artery bypass grafting (CABG) surgery in patients with areas of viable and under perfused myocardium not amenable to bypass grafting or percutaneous intervention.

Sponsor: Genzyme Corporation

Grant Dates: 2001-2004

Grant Amount: \$26,050

2. Principal Investigator. Neovascularization with Combined Omental Flap Placement in Unrevascularizable Myocardium.

Sponsor: Cardiogenesis Corporation.

Grant Date: 2004

Grant Amount: \$400,000. Sponsor cancelled grant due to unanticipated corporate financial pressures. Sponsor contributed \$50,000 to PI's general research.

**Clinical Services Contribution:**

1. Perform high quality, high volume (approx 300 cases per yr), and complex cardiac surgical procedures annually (coronary revascularization, valve repair, aneurysm repair, left ventricular remodeling, TMR Laser, surgical resynchronization procedures, percutaneous echo guided pericardial drainage technique for tamponade, combined CABG valve procedures, etc).

2. Introduced to the Emory community the state-of-the-art technique of LVR (left ventricular remodeling techniques) and developed new referral sources for this operative procedure which has been shown to be a viable alternative to heart transplantation in disabled patients suffering from CHF due to large anterior wall MI.

3. Developed the minimally invasive thoracoscopic technique of left ventricular resynchronization. Lectured and mentored surgeons in the USA and abroad on this Emory developed surgical procedure.

4. Actively involved in the Emory heart transplant program.

5. Developed a new minimally invasive echo guided technique to treat postoperative patients with hemodynamically significant peri-cardiac tamponde. Procedure has been applied in patients who were fully anticoagulated (post mechanical valve prosthesis implant patients) who could not be safely anesthetized. Taught this procedure to Emory surgeons and residents.

6. Involve residents in every aspect of patient care and ensure their access to the opportunity to develop surgical skills in all areas of cardiac operations.

7. Travel on regular basis to learn new techniques, methods and procedures and make such newly acquired knowledge and skills to available to Emory treated patients.

### **Formal Teaching:**

1. Instruct, mentor and teach residents, fellows, physician assistants and students on the pre operative evaluation, intra operative and post operative care of the cardiothoracic patients.

A. Cardiothoracic Surgery Course Director. Conducted review sessions with cardiothoracic fellows for one hour every Wednesday morning for the entire academic year of 2000-2001. I oversaw the process of the systematic review and discussion of a reference textbook on cardiothoracic surgery. Guided residents through detail discussions on the entire curriculum of cardiothoracic surgery in preparation for the In-service and Board Exams. Prepared and administered weekly webbased multiple-choice examinations for the residents. Course attended by six CT surgery residents, three CT surgery fellows, two international fellows and general surgery residents rotating on the service.

B. Cardiothoracic Surgery Course Director. 2002-2003. Conducted the second annual review course for an entire academic year for fellows and residents in cardiac surgery. Course attended by six CT surgery residents, three CT surgery fellows, two international fellows and general surgery residents rotating on the service. Made this web-based course available for use by other residents-in-training in other institutions.

2. Lecture to other physicians at Emory and in the community on new developments in the field.

3. Participate in postgraduate courses at Emory and elsewhere on new techniques in minimally invasive cardiac procedures, i.e. resynchronization therapy, Dor Procedure, TMR Laser.

### **Supervisory Teaching:**

1. Initiating a joint research and education program with Professor Ajit Yoganathan at Georgia Tech for Biomedical Engineering students in translational research in minimally invasive Mitral procedures. 2006

2. Co-supervising with Dr Jacob Vinten-Johansen two General Surgery residents on model development of innovative experimental retrograde renal perfusion techniques, 2005.

3. Currently directing postdoctoral education program for Dr. Mohammed Sbeih in cardiac surgery.2004-2006

4. Supervising (and soon to collaborate with) Dr. Vinod Thourani in developing a new experimental protocol for minimally invasive Mitral Valve /annular repair based on patent-pending technology I have developed.

5. Actively involved in Physician Assistant Student education program. Appointed as an Adjunct Clinical faculty at Barry University School of Graduate Medical Sciences. 2004-2005.
6. Sponsored postdoctoral research for Dr. Murad Abu Rajab, 2004.
7. Supervised Dr. Joel Corvera in conducting experiments on aortic repair utilizing an innovative patent-pending suture device, 2003.
8. Directed postdoctoral education for cardiac surgery fellow Nizar Al Waqfi, 2001-2003.
9. Supervised Dr. Mark Jayawant in reviewing the experience of the Emory developed operative procedure of surgical minimally invasive LV resynchronization therapy. Paper presented at EuroPace International Conference in France, 2002.
10. Supervised Dr. Mark Jayawant in conducting retrospective analysis of the ON-X heart valve hemodynamic performance, leading to the acquisition of a research grant from the manufacturer, and the introduction of the valve into the Emory and Georgia communities, 2001.

**Invitation to National and International Conferences:**

1. Metronome, November 2005, Atlanta, Ga. Managing Cardiac Rhythm. The Surgical Option for the Patients with Atrial Fibrillation.
2. Carlyle Frasier Heart Center, November 8 2005, Atlanta, Georgia. Advanced Techniques in Cardiac Revascularization and Myocardial Reuse Techniques. Guest Lecturer.
3. Cardiogenesis, September 2005, Atlanta, Georgia. Advanced Revascularization TMR Techniques. Course Director
4. Tech-Con / Society of Thoracic Surgery. January 24, 2004. Invited Lecturer. Role of Endoscopic Surgery in Resynchronization Therapy
5. The XIIth World Congress on Cardiac Pacing and Electrophysiology. Hong Kong, February 19-22, 2003. Minimally Invasive Cardiac Resynchronization Therapy: An Alternative to the Failed Percutaneous Route.
6. TMR Training Course. December 16, 2003. University Medical Center. Savannah, Georgia. Course Director.
7. The XII World Congress on Cardiac Pacing and Electrophysiology. Hong Kong. February 19-22, 2003. How to Implant a CS Lead.
8. Advances in Minimally Invasive Surgical Ventricular Resynchronization. Medtronic Field Engineers Meeting. October 2002. Tucson, Arizona
9. American Association of Thoracic Surgery. May 5-8, 2002. Video Assisted Thoracoscopic Lead Placement in Patients with Congestive Heart Failure Who Fail Transvenous Lead Insertion
10. The First Intensive Balkan Telemedicine Seminar. 2002. Prishtina, Kosovo. October 25-27. Creating and implementing the new electronic curriculum for medical education. American perspective.
11. The 14<sup>th</sup> World Congress of the World Society of Cardio Thoracic Surgeons. 2004. Beijing, China. Evidence based strategies to revascularize ischemic myocardium not amenable for percutaneous intervention or surgical revascularization utilizing Holmium YAG Laser device.
12. "Jordan: Business Portal to the Middle East an International Conference".

October 2003. Washington, D.C. The role of Telemedicine in advancing educational cooperation between US institutions and universities in the Arab region.

13. US-Arab Economic Forum. September 2002. Detroit, Michigan. Healthcare reform: prospects for access, safety and quality. The role of Tele-medicine and Tele-education.

### **Bibliography:**

Rosengart, Todd K., Henry, Timothy B., Chronos, Nicholas, Murphy, Doug, **Lattouf, Omar M.**, Cmolik, Brian L., McCurry, Kenneth R., Landolfo, Kevin P., Mcellin, Palp Kelley. Harnessing the response to hypoxia adenoviral delivery of a constitutively active hypoxia-inducible factor-1 $\alpha$  as an adjunct to coronary artery bypass surgery. 2005. American Heart Association 05-SS-A-20294-AHA.

**Lattouf O.** 2005. The future role of minimally invasive techniques in surgery of the mitral valve. Pan Arab Medical Journal. *Accepted for publication April 5, 2005.*

Halkos ME, Levy JH, Chen E, Reddy VS, **Lattouf OM**, Guyton, RA, Song, HK. 2005. Early experience with activated recombinant factor VII for intractable hemorrhage after cardiovascular surgery. *Annals of Thoracic Surgery.* 79:1303-6.

Karendi F, Puskas JD, Craver JM, Cooper WA, Jones EL, **Lattouf OM**, Vega JD, Guyton RA. Emergency coronary artery bypass grafting can be performed safely without cardiopulmonary bypass in selected patients. 2004. *Annals of Thoracic Surgery.* 79:801-6.

Samuels L, Emery R, **Lattouf O**, Grosso M, AlZeerah M, Schuch D, Wehberg K, Muehrcke D, Dowling R. 2004. Transmyocardial laser therapy: a strategic approach. 2004; 7(3):125-135.

Staples JR, Tanaka KA, Shanwise JS, Glas KE, Merlino JD, Cooper WA, Puskas JD, **Lattouf OM.** 2004. The use of the Sonosite ultrasound device for intraoperative evaluation of the aorta. *J Cardio and Vasc Anesthesia,* 18(6): 715-718.

Mair H, Jansens L, **Lattouf O**, Reichart B. 2003. Epicardial lead implantation techniques for biventricular pacing via left lateral mini-thoracotomy or thoracoscopic approaches. *Heart Surgery Forum* 6:1-6.

Corvera JS, Morris CD, Budde JM, Velez DA, Puskas JD, **Lattouf OM**, Cooper WA, Guyton RA, Vinten-Johansen J. Pretreatment with phenoxybenzamine attenuates the radial artery's vasoconstrictor response to alpha-adrenergic stimuli. *Journal of Thoracic Cardiovascular Surgery.* 2003 Nov;126 (5):1549-54. PMID: 14666031.

**Lattouf OM**, Thourani VH, Corvera JS, Leon AR, Delurgio DB, Mera FV, Glas KL, Guyton RA. 2003. Minimizing ionic radiation: a new alternative method for minimally invasive surgical biventricular resynchronization. 2003. American College of Cardiology annual meeting poster session.

**Lattouf, OM.**, 2003. Minimally Invasive Cardiac Resynchronization Therapy: An Alternative to the Failed Percutaneous Route. *Clinical Cardiac Pacing and Electrophysiology*. Monduzzi Editore International Proceedings Division. PP 847-851.

Cooper WA, Corvera JS, Thourani VH, Puskas JD, Craver JM, **Lattouf OM**, Guyton RA. 2003. Perfusion-assisted direct coronary artery bypass provides early reperfusion of ischemic myocardium and facilitates complete revascularization. *Annals of Thoracic Surgery*. 75:1132-9.

Jayawant AM, Delurgio DB, Mera FV, Guyton RA, Leon AR, **Lattouf OM**; 2002. Thoracoscopic Implant of LV Pacing Leads for Cardiac Resynchronization. *EuroPace*.

**Lattouf OM**. 1994 Surgical Myocardial Revascularization in Patients with Comprised Ventricular Function: *Journal of Pan Arab Clinical Medicine*: 1:1, PP 7-8.

Sgoutas DS, **Lattouf OM**, Finlayson DC, Clark RV; 1992. Paradoxical response of plasma lipoprotein (a), in patients undergoing cardiopulmonary bypass. *Atherosclerosis* 97: PP29-36.

Wampler RK, **Lattouf OM**, Frazier OH, Lansing AM, Smalling RW, Nicklas JM, et al. 1991 Treatment of cardiogenic shock with the hemopump left ventricular device. *Annals of Thoracic Surgery* 52: 506-13 (Co-investigator).

Kauffman JN, Walker CCP, **Lattouf OM**, Letson B, Guyton RA; 1991. Reperfusion modification with a simplified blood cardioplegia system compared with oxygenated crystalloid cardioplegia *Jour Extra Corp Tech*: 23:1, PP 26-29.

Jones EL, **Lattouf OM**, Weintraub WS. 1989. Catastrophic consequences of internal mammary artery hypoperfusion. *Journal of Thoracic and Cardiovascular Surgery*; 98:902-7.

Jones EL, **Lattouf OM**, Lutz JF, King SB; 1987 Important Anatomical and Physiological Considerations in Performance of Complex Mammary – Coronary Artery Operations. *Annals of Thoracic Surgery* 43:496-477.

**Lattouf OM**, Ricketts RR; 1986. Peritoneal Dialysis in Infants and Children. *American Surgery* 52:66-69.

Bradley EL, Hall JR, Lutz J, Hamner L, **Lattouf OM**; 1983. Hemodynamic Consequences of Severe Pancreatitis. *Annals of Thoracic Surgery* 198:130-133.

***Manuscripts Submitted:***

Micahel E. Halkos, MD; William A. Cooper, MD; Rebecca Petersen, RN; John D. Puskas, MD; **Omar M. Lattouf, MD**; Joseph M. Craver, MD; Robert A. Guyton, MD. Early Administration of Clopidogrel is Safe after Off-Pump Coronary Artery Bypass Surgery. *Annals of Thoracic Surgery*, 09/07/2005.

**O. Lattouf**, M. Sbeih, P. Duke, K. Glass, J.D. Puskas, W.A. Cooper, K.T. Baio, R.A. Guyton. Echocardiography-Guided Catheter Drainage of Hemodynamically Critical, Tamponade Causing Pericardial Effusion. *Society of Thoracic Surgeons*. 8/8/2005.

Rosengart T, Henry T, Chronos N, Murphy D, **Lattouf OM**, Cmolik B, Kandolfo K, McEllin K, Kelly R. Harnessing the response to Hypoxia: adenoviral delivery of a constitutively active hypoxia-inducible factor-1alpha as an adjunct to coronary bypass surgery. *American Heart Association*. 5/27/2005.

**Lattouf OM**, Puskas JD, Cooper, Guyton RA. 2005. Hemodynamics and Echocardiographic Intraoperative Characteristics of The On-X Valve. Off-pump coronary bypass is associated with improved outcome compared to conventional CABG. Submitted to American Heart Association, 2002.

Review of the benefits and risks of warm heart surgery: The perfusionist perspective. Submitted to the Fifth European Congress on Extra-Corporeal Circulation Technology, Alres, France.

Safeguards in warm heart surgery: The perfusionist perspective. Submitted to Cardiothoracic Research & Educational Foundation, San Diego, CA 12/1/1991.

Changes in Thyroid Hormones with Uneventful Coronary Artery Revascularization. Distinct requirements of cloned T Cells lines from Human cardiac biopsies with similar Anti-Idiotypic like reactivity.

Simplified system for Reperfusion Modification.

Characterization of Human Cardiac Infiltrating Cells Post Transplantation II.

CD4+ Cloned T Cell line with "Anti-Idiotypic" like Reactivity.

Anti-Idiotypic like Reactivity of T Cells Cloned from Human Cardiac Biopsies Post Transplantation.

Successful Management of Pulmonary Artery Hypertension (PH) After Cardiac Transplantation.

Monitoring Orthotopic Heart Transplantation with Transesophageal 2-D Echocardiography and Color Flow Mapping.  
Evaluation of Patients with Pulmonary Hypertension for Orthotopic Heart Transplantation: Nitroprusside vs. Nitroglycerin.  
Human Cardiac infiltrating Cells Manifesting Donor Specific Alloreactivity Bearing the CD3+, CD4-, CD8- Phenotype Cloned From Biopsies Post Transplantation.  
Experience in the Surgical Correction of Combined Congenital Heart Disease and Tracheoesophageal Fistula at Egleston Children's Hospital, Atlanta, Georgia.

***Symposia Contributions:***

Surgical Ventricular Remodeling.  
Emory Cardiothoracic Surgeons Reunion. June 4, 2005.  
The Carlyle Frazier Heart Center.  
Heart Failure and Death After Myocardial Infarction in the Community. The Emerging Role of Mitral Regurgitation.  
Grand Rounds. The Carlyle Frazier Heart Center. March, 2005.  
Adding Insult To Injury:  
Contrast Induced Nephropathy and Cardiac Surgery  
February 18, 2005  
Carlyle Frazier Heart Center  
Metronome; November 5, 2004  
Carlyle Fraser Heart Center  
Atlanta, Georgia  
Managing Cardiac Rhythm. The Surgical Options for the Patient with Afib; Thoracoscopic Solutions to Cardiac Rhythm Management.  
Tech-Con STS/AATS; January 24, 2004  
San Antonio, Texas  
Invited lecturer  
Role of Endoscopic Surgery in Resynchronization therapy  
Video-Assisted Thoracoscopic Direct Left Ventricular Lead Placement in Patients with Congestive Heart Failure Who Fail Transvenous Lead Insertion for Cardiac Resynchronization, May 13, 2003  
Amman, Jordan  
Hilton Head July 10-14, 2003  
Thoracoscopic Lead Placement for Cardiac Resynchronization  
Henry Medical Center Annual Cardiology Meeting; June 26, 2003  
Stockbridge, Georgia  
Minimally Invasive Cardiac Surgical Intervention and Ventricular Reduction Operations.  
TMR Training Course: December 16, 2003  
Memorial Healthcare University Medical Center  
Savannah, Georgia

Course Director  
Concepts in TMR  
Sponsored by Cardiogenesis Inc.  
Cardiac Genetic Engineering  
Grand Rounds; December 16, 2003  
Emory University School of Medicine  
Regenerative Medicine: A Workshop June 21, 2003  
Emory University  
Atlanta, Georgia  
TMR: Current Techniques and Future Direction  
Lecture to Cardiovascular Medicine at Henry County Hospital, April 24, 2003.  
Stockbridge, Georgia  
Trans-myocardial Laser Revascularization and Left Ventricular Reduction  
Carlyle Fraser Heart Center Anniversary March 15, 2003  
Atlanta, Georgia  
Transmyocardial Laser Revascularization.  
TMR Training Course February 28, 2003  
Atlanta, Georgia  
Course Director  
Sponsored by Cardiogenesis Inc.  
Emory Thoracoscopic Course  
February 18, 2003  
Thoracoscopic Lead Placement for Cardiac Resynchronization  
Lau CP, Belott P, Gras D, Lattouf OM; Feb. 19-22, 2003  
XII World Congress on Cardiac Pacing and Electrophysiology  
Honk Kong  
How to Implant a CS Lead; Cardiac Resynchronization Workshops  
XII World Congress on Cardiac Pacing and Electrophysiology: Feb. 19-22, 2003  
Hong Kong  
Chair: Oral Abstract Session, Pacing – CRT, Clinical Issues  
Lattouf OM, Delurgio D, Guyton R, Leon A, Mera F; Feb. 19-22, 2003  
XII World Congress on Cardiac Pacing and Electrophysiology  
Hong Kong, People's Republic of China.  
Minimally Invasive Surgical CRT, and Alternative to Transvenous Lead  
Placement.  
Emory University School of Medicine; November 11, 2002  
Current Concepts in transmyocardial laser Revascularization.  
Lattouf OM, Bornstein W, Cooper, WA; October 26, 2002  
From Concept to Clinical Application  
Teleconference to Kosovo  
Medtronic Technology Field Engineers Meeting; October 1, 2002  
Advances' in Minimally Invasive Surgical Ventricular Resynchronization  
Heart Failure Society of America, 6th Annual Scientific Meeting; Sept. 22-25,  
2002

Thoracoscopic Left Ventricular Lead Implantation, and Alternative Approach for Cardiac Resynchronization

The Cardiac Surgical Patient in the 21<sup>st</sup> Century; September 13-15, 2002

Minimally Invasive Cardiac Surgery: Are We Moving Fast Enough? A lecture to cardiothoracic nurse managers.

Lattouf OM, Jayawant AM, Leon AR, Delurgio DB, Glas KL, Puskas JD, Guyton RA; May 5-8, 2002

Washington DC

American Association of Thoracic Surgery

Video-Assisted Thoracoscopic Direct Left Ventricular Lead Placement in Patients with Congestive Heart Failure Who Fail Transvenous Lead Insertion for Cardiac Resynchronization

Advances In Cardiac Surgery; May 5, 2001

Advantages of the On-X® Prosthetic Heart Valve over the CarboMedics® Valve: A Clinical Comparison. San Diego, California.

Conference on Telemedicine for the Arab World, Africa and Europe; September 1998

Tunis, Tunisia

Role of Telemedicine in the Future of Health Care in the Arab World.

National Arab American Medical Association; June 20-25, 1998

Cairo, Egypt

Management Approach for Patients with Left Main Coronary Artery Stenosis.

Regional Symposium on the Arab World and Information Society; 1997

Tunis, Tunisia

Toward an Arab Telemedicine and Informatics Network.

The Third International Conference of the Jordan Cardiac Society; April 1996

Amman, Jordan

Arterial Conduits for Coronary Artery Revascularization; Bilateral Internal Arteries and Gastroepiploic Artery

The Third International Conference of the Jordan Cardiac Society; April 1996

Amman, Jordan

Intraoperative Coronary Flow Doppler; A Valuable Tool in Critical Moments

Tunisian Medical Congress; October 18-20, 1996

Tunis, Tunisia

Role of Telecommunication in Advancing Healthcare Care Delivery in the Rural Areas.

The First International Medical Congress; May 14-17, 1996

Amman, Jordan

Coronary Revascularization in Patients with Compromised Left Ventricular Function: The Use of Retrograde Blood Cardioplegia.

Third International Congress of Cardiology; October 24-27, 1996

Beirut, Lebanon

Surgical Coronary Revascularization in Patients with  
Compromised left Ventricular Function.  
Hussein M, Atta, MD & Omar M. Lattouf MD Ph.D; Nov. 3-6, 1994  
Southern Medical Association  
Atlanta, GA Scientific Poster Award  
Thoracotomy versus Video-Assisted Thoracoscopic Pleurectomy for Spontaneous  
Pneumothorax selected for presentation at the 88<sup>th</sup> Annual Scientific Assembly  
Southern Medical Association, Orlando Florida  
Annual Spring Cardiovascular Nurses Seminar; May 25, 1994  
Impact of Myocardial Preservation Techniques on Postoperative Care  
Complications Following Cardiothoracic Surgery  
University of Tromso, Norway; May 20-22, 1993  
Medical Aspects of Telemedicine: Medical Communications in the Twenty-First  
Century  
University of Tromso, Norway; May 20-22, 1993  
Medical Aspects of Telemedicine: Creating a Cost Effective Means of  
Implementing Telemedicine  
Armed Forces Cardiac Center; April 10-12, 1993  
Riyadh, Saudi Arabia  
Faculty Member  
International Symposium: Current trends in the Management of Coronary Heart  
Disease  
Georgia Baptist Medical Center; October 16-17, 1992  
Hotel Nikko, Atlanta, Georgia  
Program Director  
Myocardial Preservation: Current Technology and Future Trends  
International Pain Symposium  
Southeastern Pain Control Inst. at Georgia Baptist Medical Center; Apr. 23-26  
1992  
Atlanta, Georgia  
Thoracic Pain  
International Medical Institute; April 20-21, 1992  
Carter Presidential Center  
Atlanta, Georgia  
Program Director  
Medical Communication in the 21<sup>st</sup> Century  
Southern Medical Association; November 19, 1991  
Atlanta, Georgia  
Myocardial Preservation; Normothermic versus Cold Cardioplegia.  
Lattouf OM, Conn JM, Lowman B, Feldman R, Jabr AK; November 16, 1991  
Southern Medical Association  
Poster Presentation  
Beneficial Effects of Normothermic Retrograde Myocardial Oxygenated Blood  
Cardioplegia  
AMSECT Region IV; September 27-29, 1991  
Biloxi, Mississippi

The Impact of Warm Retrograde Oxygenated Blood Cardioplegia on  
Cardiovascular Surgical Practice and Patient Outcome  
Management Problems in Anesthesia and Life Support in the Cardiac Surgical  
Patient Course: "Poor Cardiac Function during Emergence from CPB, The  
Surgeon's Response." March 1990  
Cardiopulmonary Update; May 1989  
Amelia Island Plantation  
The Current Status and timing of Coronary Revascularization  
Southeastern Surgical Congress; April 1985  
Poster Presentation: Peritoneal Dialysis in Infants and Children  
Southeastern Society of Anatomists: Fall 1976  
Scientific Presentation: Sympathetic Ophthalmic Hemiplegia – An Animal Model

***Book Chapters:***

Lattouf OM; March 2003  
Cardiac Rhythm Management  
Medical Management of the Surgical Patient, Fourth Edition. Lubin M, Smith R,  
Dodson T, Eds. Cambridge University Press

Lattouf OM, Jabr AK, Spence PA; May 1995  
Pitfalls of Warm Oxygenated Blood Cardioplegia  
Warm Heart Surgery, First Edition, Salerno, Tomas A. Ed. Oxford University  
Press